

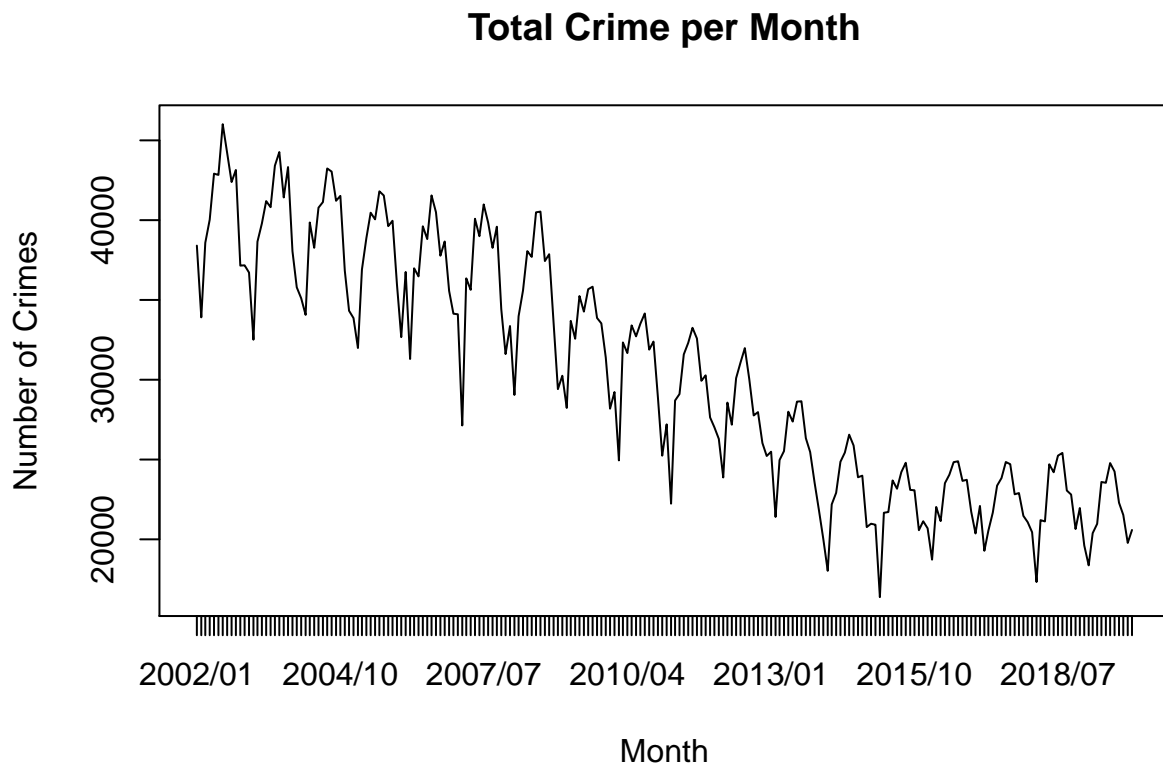
A3

EX1 Data Set

Load dataset.

EX2 Data Manipulation

- Calculate total crime per month and plot the time series of crime.



- Merge two datasets by district-units and period.

```
## # A tibble: 6 x 10
## # Groups:   crime_month, district, crime_type [6]
##   crime_month district crime_type crimes period tot_pop tot_white tot_black
##   <chr>          <int> <chr>      <int> <int>   <int>   <int>   <int>
## 1 2005-01-01         1 drug         189     1   38472   22608   4953
## 2 2005-01-01         1 other         364     1   38472   22608   4953
## 3 2005-01-01         1 property       784     1   38472   22608   4953
## 4 2005-01-01         1 violent        212     1   38472   22608   4953
## 5 2005-01-01         2 drug          209     1   37992     630  35966
## 6 2005-01-01         2 other          268     1   37992     630  35966
## # ... with 2 more variables: tot_hisp <int>, p50_inc <dbl>
```

- Construct a panel data of unit over time.

```
## # A tibble: 6 x 10
##   crime_month period district crimes_per_pl viocrimes_per_pl procrimes_per_pl
##   <chr>         <int>   <int>         <dbl>         <dbl>         <dbl>
## 1 2005-01-01     1       1       0.0403       0.00551       0.0204
## 2 2005-01-01     1       2       0.0356       0.00961       0.0134
## 3 2005-01-01     1       3       0.0217       0.00678       0.00771
## 4 2005-01-01     1       4       0.0148       0.00495       0.00573
## 5 2005-01-01     1       5       0.0190       0.00585       0.00628
## 6 2005-01-01     1       6       0.0194       0.00660       0.00819
## # ... with 4 more variables: medinc <dbl>, perc_white <dbl>, perc_black <dbl>,
## #   perc_hisp <dbl>
```

EX3 Panel Data: Introduction

- With intercept.

```
##
## Call:
## lm(formula = arrest ~ tenure + crimes_per_pl + medinc + perc_black +
##   perc_hisp + perc_white, data = data1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.5017 -0.4993 -0.4982  0.5009  5.5026
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  5.068e-01  1.273e-02  39.809  <2e-16 ***
## tenure      -4.394e-06  8.338e-06  -0.527   0.598
## crimes_per_pl -2.334e-02  1.266e-01  -0.184   0.854
## medinc       2.613e-08  9.529e-08   0.274   0.784
## perc_black   -7.643e-03  1.262e-02  -0.605   0.545
## perc_hisp    -5.229e-03  1.325e-02  -0.395   0.693
## perc_white   -1.275e-02  1.695e-02  -0.752   0.452
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.7068 on 1077898 degrees of freedom
## (31 observations deleted due to missingness)
## Multiple R-squared:  2.049e-06, Adjusted R-squared:  -3.517e-06
## F-statistic: 0.3681 on 6 and 1077898 DF, p-value: 0.8995
```

- Without intercept.

```
##
## Call:
## lm(formula = arrest ~ tenure + crimes_per_pl + medinc + perc_black +
##   perc_hisp + perc_white - 1, data = data1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.5527 -0.5089 -0.4678  0.4938  5.5270
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## tenure      4.023e-05  8.268e-06   4.866 1.14e-06 ***
```

```
## crimes_per_pl 8.478e-01 1.248e-01 6.796 1.08e-11 ***
## medinc 2.831e-07 9.514e-08 2.975 0.00293 **
## perc_black 4.761e-01 3.422e-03 139.109 < 2e-16 ***
## perc_hisp 5.011e-01 3.716e-03 134.872 < 2e-16 ***
## perc_white 5.384e-01 9.791e-03 54.986 < 2e-16 ***
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.7073 on 1077899 degrees of freedom
## (31 observations deleted due to missingness)
## Multiple R-squared: 0.3317, Adjusted R-squared: 0.3317
## F-statistic: 8.917e+04 on 6 and 1077899 DF, p-value: < 2.2e-16
```

EX4 Panel Data: More controls

- Creating dummy by hand.

```
##
## Call:
## lm(formula = arrest ~ . - 1, data = data2)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.5280 -0.5003 -0.4920  0.5008  5.5156
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## tenure          -3.667e-06  8.526e-06  -0.430   0.6671
## crimes_per_pl    -6.000e-01  3.939e-01  -1.523   0.1277
## medinc          -4.522e-08  6.531e-07  -0.069   0.9448
## perc_white      -1.729e-01  1.846e-01  -0.936   0.3491
## perc_black      -7.815e-02  1.044e-01  -0.749   0.4539
## perc_hisp       -1.434e-01  2.026e-01  -0.708   0.4792
## unit_1           6.447e-01  1.065e-01   6.056 1.40e-09 ***
## unit_2           5.968e-01  9.711e-02   6.145 7.99e-10 ***
## unit_3           5.960e-01  9.912e-02   6.013 1.83e-09 ***
## unit_4           6.145e-01  1.230e-01   4.995 5.88e-07 ***
## unit_5           5.958e-01  9.937e-02   5.996 2.03e-09 ***
## unit_6           5.944e-01  9.706e-02   6.124 9.14e-10 ***
## unit_7           5.948e-01  9.935e-02   5.987 2.13e-09 ***
## unit_8           6.443e-01  1.561e-01   4.128 3.65e-05 ***
## unit_9           6.311e-01  1.472e-01   4.287 1.81e-05 ***
## unit_10          6.296e-01  1.559e-01   4.037 5.41e-05 ***
## unit_11          6.073e-01  1.080e-01   5.624 1.87e-08 ***
## unit_12          6.375e-01  1.389e-01   4.589 4.44e-06 ***
## unit_13          6.427e-01  1.399e-01   4.595 4.32e-06 ***
## unit_14          6.622e-01  1.535e-01   4.313 1.61e-05 ***
## unit_15          5.969e-01  1.008e-01   5.922 3.18e-09 ***
## unit_16          6.617e-01  1.488e-01   4.447 8.73e-06 ***
## unit_17          6.397e-01  1.405e-01   4.553 5.30e-06 ***
## unit_18          6.526e-01  1.280e-01   5.097 3.45e-07 ***
## unit_19          6.603e-01  1.373e-01   4.809 1.51e-06 ***
## unit_20          6.355e-01  1.266e-01   5.018 5.21e-07 ***
## unit_21          5.913e-01  8.642e-02   6.842 7.81e-12 ***
## unit_22          6.225e-01  1.128e-01   5.517 3.44e-08 ***
```

## unit_23	6.478e-01	1.351e-01	4.794	1.63e-06	***
## unit_24	6.281e-01	1.218e-01	5.155	2.54e-07	***
## unit_25	6.452e-01	1.631e-01	3.956	7.63e-05	***
## `month_2007-02-01`	2.688e-03	1.108e-02	0.243	0.8083	
## `month_2007-03-01`	5.459e-03	1.098e-02	0.497	0.6190	
## `month_2007-04-01`	-4.482e-03	1.099e-02	-0.408	0.6835	
## `month_2007-05-01`	9.708e-03	1.103e-02	0.881	0.3786	
## `month_2007-06-01`	-1.514e-02	1.098e-02	-1.378	0.1681	
## `month_2007-07-01`	-2.428e-03	1.103e-02	-0.220	0.8257	
## `month_2007-08-01`	-9.282e-03	1.098e-02	-0.845	0.3981	
## `month_2007-09-01`	2.826e-03	1.095e-02	0.258	0.7963	
## `month_2007-10-01`	5.442e-03	1.095e-02	0.497	0.6193	
## `month_2007-11-01`	3.148e-03	1.088e-02	0.289	0.7724	
## `month_2007-12-01`	-8.606e-03	1.089e-02	-0.790	0.4293	
## `month_2008-01-01`	-1.592e-02	1.090e-02	-1.461	0.1441	
## `month_2008-02-01`	-8.111e-03	1.095e-02	-0.741	0.4588	
## `month_2008-03-01`	-7.140e-03	1.090e-02	-0.655	0.5124	
## `month_2008-04-01`	7.855e-03	1.089e-02	0.721	0.4708	
## `month_2008-05-01`	1.881e-02	1.090e-02	1.726	0.0843	
## `month_2008-06-01`	9.715e-04	1.087e-02	0.089	0.9288	
## `month_2008-07-01`	4.697e-05	1.088e-02	0.004	0.9966	
## `month_2008-08-01`	1.097e-03	1.090e-02	0.101	0.9198	
## `month_2008-09-01`	9.332e-03	1.085e-02	0.860	0.3896	
## `month_2008-10-01`	-3.433e-03	1.084e-02	-0.317	0.7515	
## `month_2008-11-01`	-1.710e-03	1.083e-02	-0.158	0.8746	
## `month_2008-12-01`	1.069e-02	1.087e-02	0.983	0.3257	
## `month_2009-01-01`	-6.240e-03	1.085e-02	-0.575	0.5654	
## `month_2009-02-01`	-6.053e-03	1.091e-02	-0.555	0.5790	
## `month_2009-03-01`	-9.074e-03	1.085e-02	-0.836	0.4031	
## `month_2009-04-01`	-5.101e-03	1.087e-02	-0.469	0.6390	
## `month_2009-05-01`	-1.690e-03	1.086e-02	-0.156	0.8763	
## `month_2009-06-01`	4.015e-03	1.086e-02	0.370	0.7116	
## `month_2009-07-01`	5.287e-03	1.086e-02	0.487	0.6265	
## `month_2009-08-01`	-4.865e-03	1.087e-02	-0.448	0.6544	
## `month_2009-09-01`	-4.997e-03	1.088e-02	-0.460	0.6459	
## `month_2009-10-01`	-1.736e-03	1.088e-02	-0.160	0.8732	
## `month_2009-11-01`	-5.456e-03	1.089e-02	-0.501	0.6163	
## `month_2009-12-01`	-1.016e-02	1.094e-02	-0.928	0.3533	
## `month_2010-01-01`	1.589e-03	1.093e-02	0.145	0.8844	
## `month_2010-02-01`	3.341e-03	1.112e-02	0.301	0.7638	
## `month_2010-03-01`	-9.070e-03	1.099e-02	-0.825	0.4094	
## `month_2010-04-01`	6.835e-03	1.101e-02	0.621	0.5346	
## `month_2010-05-01`	-3.666e-03	1.101e-02	-0.333	0.7393	
## `month_2010-06-01`	-6.040e-03	1.102e-02	-0.548	0.5837	
## `month_2010-07-01`	-1.367e-02	1.102e-02	-1.240	0.2151	
## `month_2010-08-01`	9.654e-03	1.103e-02	0.875	0.3816	
## `month_2010-09-01`	2.027e-03	1.103e-02	0.184	0.8542	
## `month_2010-10-01`	-2.743e-03	1.103e-02	-0.249	0.8035	
## `month_2010-11-01`	-9.360e-03	1.109e-02	-0.844	0.3985	
## `month_2010-12-01`	-5.077e-03	1.119e-02	-0.454	0.6500	
## `month_2011-01-01`	-8.490e-03	1.117e-02	-0.760	0.4472	
## `month_2011-02-01`	-5.744e-03	1.137e-02	-0.505	0.6135	
## `month_2011-03-01`	-4.794e-03	1.120e-02	-0.428	0.6686	
## `month_2011-04-01`	-1.478e-03	1.120e-02	-0.132	0.8950	

##	`month_2011-05-01`	-7.965e-04	1.117e-02	-0.071	0.9431
##	`month_2011-06-01`	-5.277e-05	1.115e-02	-0.005	0.9962
##	`month_2011-07-01`	3.844e-03	1.113e-02	0.345	0.7299
##	`month_2011-08-01`	-2.397e-04	1.114e-02	-0.022	0.9828
##	`month_2011-09-01`	-1.157e-02	1.100e-02	-1.052	0.2929
##	`month_2011-10-01`	1.026e-02	1.099e-02	0.933	0.3506
##	`month_2011-11-01`	-7.203e-03	1.104e-02	-0.653	0.5141
##	`month_2011-12-01`	5.203e-05	1.106e-02	0.005	0.9962
##	`month_2012-01-01`	-1.070e-02	1.110e-02	-0.964	0.3352
##	`month_2012-02-01`	2.731e-03	1.115e-02	0.245	0.8065
##	`month_2012-03-01`	1.799e-03	1.103e-02	0.163	0.8704
##	`month_2012-04-01`	4.312e-03	1.111e-02	0.388	0.6981
##	`month_2012-05-01`	4.070e-03	1.107e-02	0.368	0.7131
##	`month_2012-06-01`	-2.417e-03	1.108e-02	-0.218	0.8273
##	`month_2012-07-01`	2.953e-04	1.108e-02	0.027	0.9787
##	`month_2012-08-01`	-5.476e-03	1.111e-02	-0.493	0.6221
##	`month_2012-09-01`	2.019e-03	1.115e-02	0.181	0.8564
##	`month_2012-10-01`	-1.480e-02	1.115e-02	-1.328	0.1843
##	`month_2012-11-01`	3.212e-03	1.120e-02	0.287	0.7744
##	`month_2012-12-01`	-1.712e-02	1.124e-02	-1.523	0.1278
##	`month_2013-01-01`	3.537e-03	1.126e-02	0.314	0.7535
##	`month_2013-02-01`	-8.270e-03	1.142e-02	-0.724	0.4690
##	`month_2013-03-01`	-1.604e-02	1.130e-02	-1.419	0.1558
##	`month_2013-04-01`	3.347e-03	1.127e-02	0.297	0.7664
##	`month_2013-05-01`	1.396e-02	1.120e-02	1.247	0.2125
##	`month_2013-06-01`	6.787e-03	1.123e-02	0.604	0.5455
##	`month_2013-07-01`	1.735e-02	1.120e-02	1.550	0.1213
##	`month_2013-08-01`	-2.991e-03	1.121e-02	-0.267	0.7896
##	`month_2013-09-01`	2.827e-03	1.126e-02	0.251	0.8017
##	`month_2013-10-01`	-8.852e-03	1.128e-02	-0.785	0.4327
##	`month_2013-11-01`	-5.916e-03	1.134e-02	-0.522	0.6020
##	`month_2013-12-01`	3.222e-03	1.141e-02	0.282	0.7776
##	`month_2014-01-01`	-1.504e-02	1.152e-02	-1.305	0.1917
##	`month_2014-02-01`	2.457e-03	1.160e-02	0.212	0.8323
##	`month_2014-03-01`	-4.543e-03	1.142e-02	-0.398	0.6907
##	`month_2014-04-01`	-1.875e-02	1.138e-02	-1.648	0.0993
##	`month_2014-05-01`	-6.031e-03	1.130e-02	-0.534	0.5935
##	`month_2014-06-01`	-1.927e-03	1.124e-02	-0.171	0.8639
##	`month_2014-07-01`	5.428e-03	1.122e-02	0.484	0.6284
##	`month_2014-08-01`	-1.231e-03	1.124e-02	-0.109	0.9128
##	`month_2014-09-01`	9.240e-04	1.125e-02	0.082	0.9346
##	`month_2014-10-01`	-1.863e-03	1.125e-02	-0.166	0.8684
##	`month_2014-11-01`	-8.657e-03	1.137e-02	-0.761	0.4465
##	`month_2014-12-01`	-7.107e-03	1.137e-02	-0.625	0.5319
##	`month_2015-01-01`	-5.012e-03	1.140e-02	-0.439	0.6603
##	`month_2015-02-01`	-9.371e-03	1.165e-02	-0.804	0.4212
##	`month_2015-03-01`	4.080e-03	1.139e-02	0.358	0.7201
##	`month_2015-04-01`	-3.546e-03	1.141e-02	-0.311	0.7559
##	`month_2015-05-01`	-6.848e-03	1.133e-02	-0.605	0.5454
##	`month_2015-06-01`	-7.264e-03	1.133e-02	-0.641	0.5216
##	`month_2015-07-01`	-8.688e-03	1.129e-02	-0.769	0.4417
##	`month_2015-08-01`	-5.383e-03	1.128e-02	-0.477	0.6332
##	`month_2015-09-01`	-1.112e-03	1.136e-02	-0.098	0.9221
##	`month_2015-10-01`	-8.459e-03	1.136e-02	-0.745	0.4564

```
## `month_2015-11-01` 2.233e-03 1.145e-02 0.195 0.8454
## `month_2015-12-01` -7.467e-03 1.145e-02 -0.652 0.5143
## `month_2016-01-01` -5.436e-03 1.149e-02 -0.473 0.6362
## `month_2016-02-01` -7.145e-03 1.157e-02 -0.618 0.5369
## `month_2016-03-01` -1.459e-02 1.141e-02 -1.278 0.2011
## `month_2016-04-01` 9.746e-03 1.144e-02 0.852 0.3943
## `month_2016-05-01` 9.780e-03 1.134e-02 0.862 0.3885
## `month_2016-06-01` -5.268e-03 1.132e-02 -0.465 0.6417
## `month_2016-07-01` -1.088e-02 1.130e-02 -0.963 0.3355
## `month_2016-08-01` -1.938e-02 1.127e-02 -1.719 0.0857
## `month_2016-09-01` -1.692e-03 1.131e-02 -0.150 0.8811
## `month_2016-10-01` 2.942e-03 1.132e-02 0.260 0.7950
## `month_2016-11-01` -1.412e-02 1.141e-02 -1.237 0.2159
## `month_2016-12-01` -1.301e-02 1.145e-02 -1.137 0.2556
## `month_2017-01-01` -7.456e-05 1.147e-02 -0.007 0.9948
## `month_2017-02-01` -5.915e-03 1.158e-02 -0.511 0.6095
## `month_2017-03-01` 6.010e-03 1.153e-02 0.521 0.6021
## `month_2017-04-01` -5.728e-03 1.149e-02 -0.499 0.6180
## `month_2017-05-01` 8.370e-03 1.142e-02 0.733 0.4637
## `month_2017-06-01` -1.221e-02 1.140e-02 -1.071 0.2841
## `month_2017-07-01` -6.187e-03 1.138e-02 -0.544 0.5865
## `month_2017-08-01` -2.645e-03 1.139e-02 -0.232 0.8164
## `month_2017-09-01` -8.596e-03 1.145e-02 -0.751 0.4528
## `month_2017-10-01` -9.805e-03 1.143e-02 -0.858 0.3910
## `month_2017-11-01` -1.685e-02 1.150e-02 -1.466 0.1426
## `month_2017-12-01` -8.978e-03 1.149e-02 -0.781 0.4347
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.7068 on 1077743 degrees of freedom
## (31 observations deleted due to missingness)
## Multiple R-squared: 0.3328, Adjusted R-squared: 0.3327
## F-statistic: 3318 on 162 and 1077743 DF, p-value: < 2.2e-16
```

• Using factor() yields the same result.

```
##
## Call:
## lm(formula = arrest ~ tenure + crimes_per_pl + medinc + perc_black +
##      perc_hisp + perc_white + factor(unit) + factor(month) - 1,
##      data = data1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.5280 -0.5003 -0.4920  0.5008  5.5156
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## tenure           -3.667e-06  8.526e-06  -0.430   0.6671
## crimes_per_pl     -6.000e-01  3.939e-01  -1.523   0.1277
## medinc            -4.522e-08  6.531e-07  -0.069   0.9448
## perc_black        -7.815e-02  1.044e-01  -0.749   0.4539
## perc_hisp         -1.434e-01  2.026e-01  -0.708   0.4792
## perc_white        -1.729e-01  1.846e-01  -0.936   0.3491
## factor(unit)1      6.447e-01  1.065e-01   6.056 1.40e-09 ***
```

## factor(unit)2	5.968e-01	9.711e-02	6.145	7.99e-10	***
## factor(unit)3	5.960e-01	9.912e-02	6.013	1.83e-09	***
## factor(unit)4	6.145e-01	1.230e-01	4.995	5.88e-07	***
## factor(unit)5	5.958e-01	9.937e-02	5.996	2.03e-09	***
## factor(unit)6	5.944e-01	9.706e-02	6.124	9.14e-10	***
## factor(unit)7	5.948e-01	9.935e-02	5.987	2.13e-09	***
## factor(unit)8	6.443e-01	1.561e-01	4.128	3.65e-05	***
## factor(unit)9	6.311e-01	1.472e-01	4.287	1.81e-05	***
## factor(unit)10	6.296e-01	1.559e-01	4.037	5.41e-05	***
## factor(unit)11	6.073e-01	1.080e-01	5.624	1.87e-08	***
## factor(unit)12	6.375e-01	1.389e-01	4.589	4.44e-06	***
## factor(unit)13	6.427e-01	1.399e-01	4.595	4.32e-06	***
## factor(unit)14	6.622e-01	1.535e-01	4.313	1.61e-05	***
## factor(unit)15	5.969e-01	1.008e-01	5.922	3.18e-09	***
## factor(unit)16	6.617e-01	1.488e-01	4.447	8.73e-06	***
## factor(unit)17	6.397e-01	1.405e-01	4.553	5.30e-06	***
## factor(unit)18	6.526e-01	1.280e-01	5.097	3.45e-07	***
## factor(unit)19	6.603e-01	1.373e-01	4.809	1.51e-06	***
## factor(unit)20	6.355e-01	1.266e-01	5.018	5.21e-07	***
## factor(unit)21	5.913e-01	8.642e-02	6.842	7.81e-12	***
## factor(unit)22	6.225e-01	1.128e-01	5.517	3.44e-08	***
## factor(unit)23	6.478e-01	1.351e-01	4.794	1.63e-06	***
## factor(unit)24	6.281e-01	1.218e-01	5.155	2.54e-07	***
## factor(unit)25	6.452e-01	1.631e-01	3.956	7.63e-05	***
## factor(month)2007-02-01	2.688e-03	1.108e-02	0.243	0.8083	
## factor(month)2007-03-01	5.459e-03	1.098e-02	0.497	0.6190	
## factor(month)2007-04-01	-4.482e-03	1.099e-02	-0.408	0.6835	
## factor(month)2007-05-01	9.708e-03	1.103e-02	0.881	0.3786	
## factor(month)2007-06-01	-1.514e-02	1.098e-02	-1.378	0.1681	
## factor(month)2007-07-01	-2.428e-03	1.103e-02	-0.220	0.8257	
## factor(month)2007-08-01	-9.282e-03	1.098e-02	-0.845	0.3981	
## factor(month)2007-09-01	2.826e-03	1.095e-02	0.258	0.7963	
## factor(month)2007-10-01	5.442e-03	1.095e-02	0.497	0.6193	
## factor(month)2007-11-01	3.148e-03	1.088e-02	0.289	0.7724	
## factor(month)2007-12-01	-8.606e-03	1.089e-02	-0.790	0.4293	
## factor(month)2008-01-01	-1.592e-02	1.090e-02	-1.461	0.1441	
## factor(month)2008-02-01	-8.111e-03	1.095e-02	-0.741	0.4588	
## factor(month)2008-03-01	-7.140e-03	1.090e-02	-0.655	0.5124	
## factor(month)2008-04-01	7.855e-03	1.089e-02	0.721	0.4708	
## factor(month)2008-05-01	1.881e-02	1.090e-02	1.726	0.0843	
## factor(month)2008-06-01	9.715e-04	1.087e-02	0.089	0.9288	
## factor(month)2008-07-01	4.697e-05	1.088e-02	0.004	0.9966	
## factor(month)2008-08-01	1.097e-03	1.090e-02	0.101	0.9198	
## factor(month)2008-09-01	9.332e-03	1.085e-02	0.860	0.3896	
## factor(month)2008-10-01	-3.433e-03	1.084e-02	-0.317	0.7515	
## factor(month)2008-11-01	-1.710e-03	1.083e-02	-0.158	0.8746	
## factor(month)2008-12-01	1.069e-02	1.087e-02	0.983	0.3257	
## factor(month)2009-01-01	-6.240e-03	1.085e-02	-0.575	0.5654	
## factor(month)2009-02-01	-6.053e-03	1.091e-02	-0.555	0.5790	
## factor(month)2009-03-01	-9.074e-03	1.085e-02	-0.836	0.4031	
## factor(month)2009-04-01	-5.101e-03	1.087e-02	-0.469	0.6390	
## factor(month)2009-05-01	-1.690e-03	1.086e-02	-0.156	0.8763	
## factor(month)2009-06-01	4.015e-03	1.086e-02	0.370	0.7116	
## factor(month)2009-07-01	5.287e-03	1.086e-02	0.487	0.6265	

```

## factor(month)2009-08-01 -4.865e-03 1.087e-02 -0.448 0.6544
## factor(month)2009-09-01 -4.997e-03 1.088e-02 -0.460 0.6459
## factor(month)2009-10-01 -1.736e-03 1.088e-02 -0.160 0.8732
## factor(month)2009-11-01 -5.456e-03 1.089e-02 -0.501 0.6163
## factor(month)2009-12-01 -1.016e-02 1.094e-02 -0.928 0.3533
## factor(month)2010-01-01 1.589e-03 1.093e-02 0.145 0.8844
## factor(month)2010-02-01 3.341e-03 1.112e-02 0.301 0.7638
## factor(month)2010-03-01 -9.070e-03 1.099e-02 -0.825 0.4094
## factor(month)2010-04-01 6.835e-03 1.101e-02 0.621 0.5346
## factor(month)2010-05-01 -3.666e-03 1.101e-02 -0.333 0.7393
## factor(month)2010-06-01 -6.040e-03 1.102e-02 -0.548 0.5837
## factor(month)2010-07-01 -1.367e-02 1.102e-02 -1.240 0.2151
## factor(month)2010-08-01 9.654e-03 1.103e-02 0.875 0.3816
## factor(month)2010-09-01 2.027e-03 1.103e-02 0.184 0.8542
## factor(month)2010-10-01 -2.743e-03 1.103e-02 -0.249 0.8035
## factor(month)2010-11-01 -9.360e-03 1.109e-02 -0.844 0.3985
## factor(month)2010-12-01 -5.077e-03 1.119e-02 -0.454 0.6500
## factor(month)2011-01-01 -8.490e-03 1.117e-02 -0.760 0.4472
## factor(month)2011-02-01 -5.744e-03 1.137e-02 -0.505 0.6135
## factor(month)2011-03-01 -4.794e-03 1.120e-02 -0.428 0.6686
## factor(month)2011-04-01 -1.478e-03 1.120e-02 -0.132 0.8950
## factor(month)2011-05-01 -7.965e-04 1.117e-02 -0.071 0.9431
## factor(month)2011-06-01 -5.277e-05 1.115e-02 -0.005 0.9962
## factor(month)2011-07-01 3.844e-03 1.113e-02 0.345 0.7299
## factor(month)2011-08-01 -2.397e-04 1.114e-02 -0.022 0.9828
## factor(month)2011-09-01 -1.157e-02 1.100e-02 -1.052 0.2929
## factor(month)2011-10-01 1.026e-02 1.099e-02 0.933 0.3506
## factor(month)2011-11-01 -7.203e-03 1.104e-02 -0.653 0.5141
## factor(month)2011-12-01 5.203e-05 1.106e-02 0.005 0.9962
## factor(month)2012-01-01 -1.070e-02 1.110e-02 -0.964 0.3352
## factor(month)2012-02-01 2.731e-03 1.115e-02 0.245 0.8065
## factor(month)2012-03-01 1.799e-03 1.103e-02 0.163 0.8704
## factor(month)2012-04-01 4.312e-03 1.111e-02 0.388 0.6981
## factor(month)2012-05-01 4.070e-03 1.107e-02 0.368 0.7131
## factor(month)2012-06-01 -2.417e-03 1.108e-02 -0.218 0.8273
## factor(month)2012-07-01 2.953e-04 1.108e-02 0.027 0.9787
## factor(month)2012-08-01 -5.476e-03 1.111e-02 -0.493 0.6221
## factor(month)2012-09-01 2.019e-03 1.115e-02 0.181 0.8564
## factor(month)2012-10-01 -1.480e-02 1.115e-02 -1.328 0.1843
## factor(month)2012-11-01 3.212e-03 1.120e-02 0.287 0.7744
## factor(month)2012-12-01 -1.712e-02 1.124e-02 -1.523 0.1278
## factor(month)2013-01-01 3.537e-03 1.126e-02 0.314 0.7535
## factor(month)2013-02-01 -8.270e-03 1.142e-02 -0.724 0.4690
## factor(month)2013-03-01 -1.604e-02 1.130e-02 -1.419 0.1558
## factor(month)2013-04-01 3.347e-03 1.127e-02 0.297 0.7664
## factor(month)2013-05-01 1.396e-02 1.120e-02 1.247 0.2125
## factor(month)2013-06-01 6.787e-03 1.123e-02 0.604 0.5455
## factor(month)2013-07-01 1.735e-02 1.120e-02 1.550 0.1213
## factor(month)2013-08-01 -2.991e-03 1.121e-02 -0.267 0.7896
## factor(month)2013-09-01 2.827e-03 1.126e-02 0.251 0.8017
## factor(month)2013-10-01 -8.852e-03 1.128e-02 -0.785 0.4327
## factor(month)2013-11-01 -5.916e-03 1.134e-02 -0.522 0.6020
## factor(month)2013-12-01 3.222e-03 1.141e-02 0.282 0.7776
## factor(month)2014-01-01 -1.504e-02 1.152e-02 -1.305 0.1917

```



```

## factor(month)2014-02-01  2.457e-03  1.160e-02   0.212   0.8323
## factor(month)2014-03-01 -4.543e-03  1.142e-02  -0.398   0.6907
## factor(month)2014-04-01 -1.875e-02  1.138e-02  -1.648   0.0993 .
## factor(month)2014-05-01 -6.031e-03  1.130e-02  -0.534   0.5935
## factor(month)2014-06-01 -1.927e-03  1.124e-02  -0.171   0.8639
## factor(month)2014-07-01  5.428e-03  1.122e-02   0.484   0.6284
## factor(month)2014-08-01 -1.231e-03  1.124e-02  -0.109   0.9128
## factor(month)2014-09-01  9.240e-04  1.125e-02   0.082   0.9346
## factor(month)2014-10-01 -1.863e-03  1.125e-02  -0.166   0.8684
## factor(month)2014-11-01 -8.657e-03  1.137e-02  -0.761   0.4465
## factor(month)2014-12-01 -7.107e-03  1.137e-02  -0.625   0.5319
## factor(month)2015-01-01 -5.012e-03  1.140e-02  -0.439   0.6603
## factor(month)2015-02-01 -9.371e-03  1.165e-02  -0.804   0.4212
## factor(month)2015-03-01  4.080e-03  1.139e-02   0.358   0.7201
## factor(month)2015-04-01 -3.546e-03  1.141e-02  -0.311   0.7559
## factor(month)2015-05-01 -6.848e-03  1.133e-02  -0.605   0.5454
## factor(month)2015-06-01 -7.264e-03  1.133e-02  -0.641   0.5216
## factor(month)2015-07-01 -8.688e-03  1.129e-02  -0.769   0.4417
## factor(month)2015-08-01 -5.383e-03  1.128e-02  -0.477   0.6332
## factor(month)2015-09-01 -1.112e-03  1.136e-02  -0.098   0.9221
## factor(month)2015-10-01 -8.459e-03  1.136e-02  -0.745   0.4564
## factor(month)2015-11-01  2.233e-03  1.145e-02   0.195   0.8454
## factor(month)2015-12-01 -7.467e-03  1.145e-02  -0.652   0.5143
## factor(month)2016-01-01 -5.436e-03  1.149e-02  -0.473   0.6362
## factor(month)2016-02-01 -7.145e-03  1.157e-02  -0.618   0.5369
## factor(month)2016-03-01 -1.459e-02  1.141e-02  -1.278   0.2011
## factor(month)2016-04-01  9.746e-03  1.144e-02   0.852   0.3943
## factor(month)2016-05-01  9.780e-03  1.134e-02   0.862   0.3885
## factor(month)2016-06-01 -5.268e-03  1.132e-02  -0.465   0.6417
## factor(month)2016-07-01 -1.088e-02  1.130e-02  -0.963   0.3355
## factor(month)2016-08-01 -1.938e-02  1.127e-02  -1.719   0.0857 .
## factor(month)2016-09-01 -1.692e-03  1.131e-02  -0.150   0.8811
## factor(month)2016-10-01  2.942e-03  1.132e-02   0.260   0.7950
## factor(month)2016-11-01 -1.412e-02  1.141e-02  -1.237   0.2159
## factor(month)2016-12-01 -1.301e-02  1.145e-02  -1.137   0.2556
## factor(month)2017-01-01 -7.456e-05  1.147e-02  -0.007   0.9948
## factor(month)2017-02-01 -5.915e-03  1.158e-02  -0.511   0.6095
## factor(month)2017-03-01  6.010e-03  1.153e-02   0.521   0.6021
## factor(month)2017-04-01 -5.728e-03  1.149e-02  -0.499   0.6180
## factor(month)2017-05-01  8.370e-03  1.142e-02   0.733   0.4637
## factor(month)2017-06-01 -1.221e-02  1.140e-02  -1.071   0.2841
## factor(month)2017-07-01 -6.187e-03  1.138e-02  -0.544   0.5865
## factor(month)2017-08-01 -2.645e-03  1.139e-02  -0.232   0.8164
## factor(month)2017-09-01 -8.596e-03  1.145e-02  -0.751   0.4528
## factor(month)2017-10-01 -9.805e-03  1.143e-02  -0.858   0.3910
## factor(month)2017-11-01 -1.685e-02  1.150e-02  -1.466   0.1426
## factor(month)2017-12-01 -8.978e-03  1.149e-02  -0.781   0.4347
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.7068 on 1077743 degrees of freedom
## (31 observations deleted due to missingness)
## Multiple R-squared:  0.3328, Adjusted R-squared:  0.3327
## F-statistic: 3318 on 162 and 1077743 DF, p-value: < 2.2e-16

```

EX5 Panel Data: Individual fixed effects

Encounter memory error when creating dummy for individual fixed effects, so I use equation (2). • Within estimator for β . Since in EX4 we can see the results by using factor() and generating dummies by hand are the same, I used factor() in lm for fixed effects in this question. Encounter memory error when creating dummy for individual fixed effects.

```
##
## Call:
## lm(formula = arrest ~ tenure + crimes_per_pl + medinc + perc_black +
##      perc_hisp + perc_white + factor(unit) + factor(month) - 1,
##      data = data1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.5280 -0.5003 -0.4920  0.5008  5.5156
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## tenure             -3.667e-06  8.526e-06  -0.430   0.6671
## crimes_per_pl       -6.000e-01  3.939e-01  -1.523   0.1277
## medinc              -4.522e-08  6.531e-07  -0.069   0.9448
## perc_black          -7.815e-02  1.044e-01  -0.749   0.4539
## perc_hisp           -1.434e-01  2.026e-01  -0.708   0.4792
## perc_white          -1.729e-01  1.846e-01  -0.936   0.3491
## factor(unit)1        6.447e-01  1.065e-01   6.056 1.40e-09 ***
## factor(unit)2        5.968e-01  9.711e-02   6.145 7.99e-10 ***
## factor(unit)3        5.960e-01  9.912e-02   6.013 1.83e-09 ***
## factor(unit)4        6.145e-01  1.230e-01   4.995 5.88e-07 ***
## factor(unit)5        5.958e-01  9.937e-02   5.996 2.03e-09 ***
## factor(unit)6        5.944e-01  9.706e-02   6.124 9.14e-10 ***
## factor(unit)7        5.948e-01  9.935e-02   5.987 2.13e-09 ***
## factor(unit)8        6.443e-01  1.561e-01   4.128 3.65e-05 ***
## factor(unit)9        6.311e-01  1.472e-01   4.287 1.81e-05 ***
## factor(unit)10       6.296e-01  1.559e-01   4.037 5.41e-05 ***
## factor(unit)11       6.073e-01  1.080e-01   5.624 1.87e-08 ***
## factor(unit)12       6.375e-01  1.389e-01   4.589 4.44e-06 ***
## factor(unit)13       6.427e-01  1.399e-01   4.595 4.32e-06 ***
## factor(unit)14       6.622e-01  1.535e-01   4.313 1.61e-05 ***
## factor(unit)15       5.969e-01  1.008e-01   5.922 3.18e-09 ***
## factor(unit)16       6.617e-01  1.488e-01   4.447 8.73e-06 ***
## factor(unit)17       6.397e-01  1.405e-01   4.553 5.30e-06 ***
## factor(unit)18       6.526e-01  1.280e-01   5.097 3.45e-07 ***
## factor(unit)19       6.603e-01  1.373e-01   4.809 1.51e-06 ***
## factor(unit)20       6.355e-01  1.266e-01   5.018 5.21e-07 ***
## factor(unit)21       5.913e-01  8.642e-02   6.842 7.81e-12 ***
## factor(unit)22       6.225e-01  1.128e-01   5.517 3.44e-08 ***
## factor(unit)23       6.478e-01  1.351e-01   4.794 1.63e-06 ***
## factor(unit)24       6.281e-01  1.218e-01   5.155 2.54e-07 ***
## factor(unit)25       6.452e-01  1.631e-01   3.956 7.63e-05 ***
## factor(month)2007-02-01 2.688e-03  1.108e-02   0.243  0.8083
## factor(month)2007-03-01 5.459e-03  1.098e-02   0.497  0.6190
## factor(month)2007-04-01 -4.482e-03  1.099e-02  -0.408  0.6835
## factor(month)2007-05-01 9.708e-03  1.103e-02   0.881  0.3786
## factor(month)2007-06-01 -1.514e-02  1.098e-02  -1.378  0.1681
```

```

## factor(month)2007-07-01 -2.428e-03 1.103e-02 -0.220 0.8257
## factor(month)2007-08-01 -9.282e-03 1.098e-02 -0.845 0.3981
## factor(month)2007-09-01 2.826e-03 1.095e-02 0.258 0.7963
## factor(month)2007-10-01 5.442e-03 1.095e-02 0.497 0.6193
## factor(month)2007-11-01 3.148e-03 1.088e-02 0.289 0.7724
## factor(month)2007-12-01 -8.606e-03 1.089e-02 -0.790 0.4293
## factor(month)2008-01-01 -1.592e-02 1.090e-02 -1.461 0.1441
## factor(month)2008-02-01 -8.111e-03 1.095e-02 -0.741 0.4588
## factor(month)2008-03-01 -7.140e-03 1.090e-02 -0.655 0.5124
## factor(month)2008-04-01 7.855e-03 1.089e-02 0.721 0.4708
## factor(month)2008-05-01 1.881e-02 1.090e-02 1.726 0.0843
## factor(month)2008-06-01 9.715e-04 1.087e-02 0.089 0.9288
## factor(month)2008-07-01 4.697e-05 1.088e-02 0.004 0.9966
## factor(month)2008-08-01 1.097e-03 1.090e-02 0.101 0.9198
## factor(month)2008-09-01 9.332e-03 1.085e-02 0.860 0.3896
## factor(month)2008-10-01 -3.433e-03 1.084e-02 -0.317 0.7515
## factor(month)2008-11-01 -1.710e-03 1.083e-02 -0.158 0.8746
## factor(month)2008-12-01 1.069e-02 1.087e-02 0.983 0.3257
## factor(month)2009-01-01 -6.240e-03 1.085e-02 -0.575 0.5654
## factor(month)2009-02-01 -6.053e-03 1.091e-02 -0.555 0.5790
## factor(month)2009-03-01 -9.074e-03 1.085e-02 -0.836 0.4031
## factor(month)2009-04-01 -5.101e-03 1.087e-02 -0.469 0.6390
## factor(month)2009-05-01 -1.690e-03 1.086e-02 -0.156 0.8763
## factor(month)2009-06-01 4.015e-03 1.086e-02 0.370 0.7116
## factor(month)2009-07-01 5.287e-03 1.086e-02 0.487 0.6265
## factor(month)2009-08-01 -4.865e-03 1.087e-02 -0.448 0.6544
## factor(month)2009-09-01 -4.997e-03 1.088e-02 -0.460 0.6459
## factor(month)2009-10-01 -1.736e-03 1.088e-02 -0.160 0.8732
## factor(month)2009-11-01 -5.456e-03 1.089e-02 -0.501 0.6163
## factor(month)2009-12-01 -1.016e-02 1.094e-02 -0.928 0.3533
## factor(month)2010-01-01 1.589e-03 1.093e-02 0.145 0.8844
## factor(month)2010-02-01 3.341e-03 1.112e-02 0.301 0.7638
## factor(month)2010-03-01 -9.070e-03 1.099e-02 -0.825 0.4094
## factor(month)2010-04-01 6.835e-03 1.101e-02 0.621 0.5346
## factor(month)2010-05-01 -3.666e-03 1.101e-02 -0.333 0.7393
## factor(month)2010-06-01 -6.040e-03 1.102e-02 -0.548 0.5837
## factor(month)2010-07-01 -1.367e-02 1.102e-02 -1.240 0.2151
## factor(month)2010-08-01 9.654e-03 1.103e-02 0.875 0.3816
## factor(month)2010-09-01 2.027e-03 1.103e-02 0.184 0.8542
## factor(month)2010-10-01 -2.743e-03 1.103e-02 -0.249 0.8035
## factor(month)2010-11-01 -9.360e-03 1.109e-02 -0.844 0.3985
## factor(month)2010-12-01 -5.077e-03 1.119e-02 -0.454 0.6500
## factor(month)2011-01-01 -8.490e-03 1.117e-02 -0.760 0.4472
## factor(month)2011-02-01 -5.744e-03 1.137e-02 -0.505 0.6135
## factor(month)2011-03-01 -4.794e-03 1.120e-02 -0.428 0.6686
## factor(month)2011-04-01 -1.478e-03 1.120e-02 -0.132 0.8950
## factor(month)2011-05-01 -7.965e-04 1.117e-02 -0.071 0.9431
## factor(month)2011-06-01 -5.277e-05 1.115e-02 -0.005 0.9962
## factor(month)2011-07-01 3.844e-03 1.113e-02 0.345 0.7299
## factor(month)2011-08-01 -2.397e-04 1.114e-02 -0.022 0.9828
## factor(month)2011-09-01 -1.157e-02 1.100e-02 -1.052 0.2929
## factor(month)2011-10-01 1.026e-02 1.099e-02 0.933 0.3506
## factor(month)2011-11-01 -7.203e-03 1.104e-02 -0.653 0.5141
## factor(month)2011-12-01 5.203e-05 1.106e-02 0.005 0.9962

```

```

## factor(month)2012-01-01 -1.070e-02 1.110e-02 -0.964 0.3352
## factor(month)2012-02-01 2.731e-03 1.115e-02 0.245 0.8065
## factor(month)2012-03-01 1.799e-03 1.103e-02 0.163 0.8704
## factor(month)2012-04-01 4.312e-03 1.111e-02 0.388 0.6981
## factor(month)2012-05-01 4.070e-03 1.107e-02 0.368 0.7131
## factor(month)2012-06-01 -2.417e-03 1.108e-02 -0.218 0.8273
## factor(month)2012-07-01 2.953e-04 1.108e-02 0.027 0.9787
## factor(month)2012-08-01 -5.476e-03 1.111e-02 -0.493 0.6221
## factor(month)2012-09-01 2.019e-03 1.115e-02 0.181 0.8564
## factor(month)2012-10-01 -1.480e-02 1.115e-02 -1.328 0.1843
## factor(month)2012-11-01 3.212e-03 1.120e-02 0.287 0.7744
## factor(month)2012-12-01 -1.712e-02 1.124e-02 -1.523 0.1278
## factor(month)2013-01-01 3.537e-03 1.126e-02 0.314 0.7535
## factor(month)2013-02-01 -8.270e-03 1.142e-02 -0.724 0.4690
## factor(month)2013-03-01 -1.604e-02 1.130e-02 -1.419 0.1558
## factor(month)2013-04-01 3.347e-03 1.127e-02 0.297 0.7664
## factor(month)2013-05-01 1.396e-02 1.120e-02 1.247 0.2125
## factor(month)2013-06-01 6.787e-03 1.123e-02 0.604 0.5455
## factor(month)2013-07-01 1.735e-02 1.120e-02 1.550 0.1213
## factor(month)2013-08-01 -2.991e-03 1.121e-02 -0.267 0.7896
## factor(month)2013-09-01 2.827e-03 1.126e-02 0.251 0.8017
## factor(month)2013-10-01 -8.852e-03 1.128e-02 -0.785 0.4327
## factor(month)2013-11-01 -5.916e-03 1.134e-02 -0.522 0.6020
## factor(month)2013-12-01 3.222e-03 1.141e-02 0.282 0.7776
## factor(month)2014-01-01 -1.504e-02 1.152e-02 -1.305 0.1917
## factor(month)2014-02-01 2.457e-03 1.160e-02 0.212 0.8323
## factor(month)2014-03-01 -4.543e-03 1.142e-02 -0.398 0.6907
## factor(month)2014-04-01 -1.875e-02 1.138e-02 -1.648 0.0993
## factor(month)2014-05-01 -6.031e-03 1.130e-02 -0.534 0.5935
## factor(month)2014-06-01 -1.927e-03 1.124e-02 -0.171 0.8639
## factor(month)2014-07-01 5.428e-03 1.122e-02 0.484 0.6284
## factor(month)2014-08-01 -1.231e-03 1.124e-02 -0.109 0.9128
## factor(month)2014-09-01 9.240e-04 1.125e-02 0.082 0.9346
## factor(month)2014-10-01 -1.863e-03 1.125e-02 -0.166 0.8684
## factor(month)2014-11-01 -8.657e-03 1.137e-02 -0.761 0.4465
## factor(month)2014-12-01 -7.107e-03 1.137e-02 -0.625 0.5319
## factor(month)2015-01-01 -5.012e-03 1.140e-02 -0.439 0.6603
## factor(month)2015-02-01 -9.371e-03 1.165e-02 -0.804 0.4212
## factor(month)2015-03-01 4.080e-03 1.139e-02 0.358 0.7201
## factor(month)2015-04-01 -3.546e-03 1.141e-02 -0.311 0.7559
## factor(month)2015-05-01 -6.848e-03 1.133e-02 -0.605 0.5454
## factor(month)2015-06-01 -7.264e-03 1.133e-02 -0.641 0.5216
## factor(month)2015-07-01 -8.688e-03 1.129e-02 -0.769 0.4417
## factor(month)2015-08-01 -5.383e-03 1.128e-02 -0.477 0.6332
## factor(month)2015-09-01 -1.112e-03 1.136e-02 -0.098 0.9221
## factor(month)2015-10-01 -8.459e-03 1.136e-02 -0.745 0.4564
## factor(month)2015-11-01 2.233e-03 1.145e-02 0.195 0.8454
## factor(month)2015-12-01 -7.467e-03 1.145e-02 -0.652 0.5143
## factor(month)2016-01-01 -5.436e-03 1.149e-02 -0.473 0.6362
## factor(month)2016-02-01 -7.145e-03 1.157e-02 -0.618 0.5369
## factor(month)2016-03-01 -1.459e-02 1.141e-02 -1.278 0.2011
## factor(month)2016-04-01 9.746e-03 1.144e-02 0.852 0.3943
## factor(month)2016-05-01 9.780e-03 1.134e-02 0.862 0.3885
## factor(month)2016-06-01 -5.268e-03 1.132e-02 -0.465 0.6417

```

```
## factor(month)2016-07-01 -1.088e-02 1.130e-02 -0.963 0.3355
## factor(month)2016-08-01 -1.938e-02 1.127e-02 -1.719 0.0857 .
## factor(month)2016-09-01 -1.692e-03 1.131e-02 -0.150 0.8811
## factor(month)2016-10-01 2.942e-03 1.132e-02 0.260 0.7950
## factor(month)2016-11-01 -1.412e-02 1.141e-02 -1.237 0.2159
## factor(month)2016-12-01 -1.301e-02 1.145e-02 -1.137 0.2556
## factor(month)2017-01-01 -7.456e-05 1.147e-02 -0.007 0.9948
## factor(month)2017-02-01 -5.915e-03 1.158e-02 -0.511 0.6095
## factor(month)2017-03-01 6.010e-03 1.153e-02 0.521 0.6021
## factor(month)2017-04-01 -5.728e-03 1.149e-02 -0.499 0.6180
## factor(month)2017-05-01 8.370e-03 1.142e-02 0.733 0.4637
## factor(month)2017-06-01 -1.221e-02 1.140e-02 -1.071 0.2841
## factor(month)2017-07-01 -6.187e-03 1.138e-02 -0.544 0.5865
## factor(month)2017-08-01 -2.645e-03 1.139e-02 -0.232 0.8164
## factor(month)2017-09-01 -8.596e-03 1.145e-02 -0.751 0.4528
## factor(month)2017-10-01 -9.805e-03 1.143e-02 -0.858 0.3910
## factor(month)2017-11-01 -1.685e-02 1.150e-02 -1.466 0.1426
## factor(month)2017-12-01 -8.978e-03 1.149e-02 -0.781 0.4347
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.7068 on 1077743 degrees of freedom
## (31 observations deleted due to missingness)
## Multiple R-squared:  0.3328, Adjusted R-squared:  0.3327
## F-statistic: 3318 on 162 and 1077743 DF, p-value: < 2.2e-16
```

• Between estimator of β .

```
##
## Call:
## lm(formula = arrest ~ tenure + totcrime + medin + black + hisp +
##      white + factor(unit) - 1, data = data_avgtime)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.56344 -0.04515  0.00000  0.03581  2.50374
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## tenure             2.773e-05  1.908e-05   1.453 0.146250
## totcrime           -9.302e-01  6.714e-01  -1.386 0.165931
## medin              -2.272e-07  1.071e-06  -0.212 0.832017
## black              -1.110e-01  1.491e-01  -0.745 0.456537
## hisp               -1.223e-01  1.524e-01  -0.803 0.422236
## white              -1.608e-01  1.972e-01  -0.816 0.414634
## factor(unit)1       6.490e-01  1.341e-01   4.839 1.32e-06 ***
## factor(unit)1.03030303030303 6.869e-01  2.103e-01   3.266 0.001095 **
## factor(unit)1.03333333333333 6.718e-01  2.103e-01   3.194 0.001408 **
## factor(unit)1.13636363636364 6.247e-01  2.105e-01   2.968 0.003007 **
## factor(unit)1.14117647058824 6.566e-01  2.105e-01   3.119 0.001821 **
## factor(unit)1.15909090909091 6.474e-01  2.105e-01   3.076 0.002103 **
## factor(unit)1.16666666666667 5.939e-01  2.105e-01   2.821 0.004792 **
## factor(unit)1.17592592592593 6.146e-01  2.101e-01   2.925 0.003447 **
## factor(unit)1.18181818181818 6.314e-01  2.105e-01   3.000 0.002710 **
## factor(unit)1.2020202020202 7.510e-01  2.105e-01   3.567 0.000363 ***
```

```

## factor(unit)1.2258064516129 6.088e-01 2.102e-01 2.897 0.003781 **
## factor(unit)1.22727272727273 6.844e-01 2.108e-01 3.247 0.001169 **
## factor(unit)1.234375 6.382e-01 2.104e-01 3.033 0.002424 **
## factor(unit)1.24242424242424 6.526e-01 1.764e-01 3.699 0.000217 ***
## factor(unit)1.25 7.039e-01 2.104e-01 3.346 0.000823 ***
## factor(unit)1.2755905511811 7.116e-01 2.099e-01 3.390 0.000702 ***
## factor(unit)1.29090909090909 7.487e-01 2.107e-01 3.554 0.000381 ***
## factor(unit)1.2992125984252 5.871e-01 2.108e-01 2.785 0.005362 **
## factor(unit)1.3030303030303 6.464e-01 2.106e-01 3.069 0.002156 **
## factor(unit)1.31578947368421 6.687e-01 2.116e-01 3.160 0.001581 **
## factor(unit)1.31818181818182 7.427e-01 2.107e-01 3.526 0.000424 ***
## factor(unit)1.33333333333333 6.407e-01 2.107e-01 3.041 0.002361 **
## factor(unit)1.37404580152672 6.128e-01 2.107e-01 2.908 0.003650 **
## factor(unit)1.375 5.623e-01 2.105e-01 2.672 0.007563 **
## factor(unit)1.37878787878788 6.543e-01 2.107e-01 3.106 0.001902 **
## factor(unit)1.40833333333333 6.127e-01 2.108e-01 2.906 0.003665 **
## factor(unit)1.42424242424242 7.076e-01 2.108e-01 3.357 0.000792 ***
## factor(unit)1.47727272727273 6.640e-01 2.109e-01 3.148 0.001647 **
## factor(unit)1.49242424242424 6.240e-01 2.108e-01 2.960 0.003081 **
## factor(unit)1.5 6.212e-01 1.765e-01 3.520 0.000434 ***
## factor(unit)1.53846153846154 3.781e-01 2.111e-01 1.791 0.073306 .
## factor(unit)1.59154929577465 6.474e-01 2.105e-01 3.075 0.002110 **
## factor(unit)1.6 6.692e-01 2.112e-01 3.168 0.001541 **
## factor(unit)1.69230769230769 7.117e-01 2.125e-01 3.349 0.000815 ***
## factor(unit)1.78030303030303 6.803e-01 2.127e-01 3.198 0.001390 **
## factor(unit)1.8 6.458e-01 2.121e-01 3.044 0.002339 **
## factor(unit)1.80952380952381 5.847e-01 2.108e-01 2.774 0.005549 **
## factor(unit)1.875 8.005e-01 2.106e-01 3.800 0.000145 ***
## factor(unit)1.87704918032787 6.315e-01 2.127e-01 2.969 0.002992 **
## factor(unit)1.92424242424242 6.921e-01 2.130e-01 3.249 0.001161 **
## factor(unit)1.92753623188406 5.321e-01 2.122e-01 2.507 0.012186 *
## factor(unit)2 6.308e-01 1.393e-01 4.529 5.98e-06 ***
## factor(unit)2.02985074626866 7.178e-01 2.160e-01 3.324 0.000891 ***
## factor(unit)2.04123711340206 7.616e-01 2.143e-01 3.555 0.000380 ***
## factor(unit)2.075 6.618e-01 2.162e-01 3.061 0.002211 **
## factor(unit)2.07692307692308 6.094e-01 2.118e-01 2.878 0.004017 **
## factor(unit)2.08035714285714 5.271e-01 2.134e-01 2.470 0.013521 *
## factor(unit)2.08547008547009 6.493e-01 2.136e-01 3.040 0.002372 **
## factor(unit)2.09375 8.090e-01 2.129e-01 3.800 0.000146 ***
## factor(unit)2.10526315789474 5.676e-01 2.118e-01 2.679 0.007387 **
## factor(unit)2.13333333333333 5.691e-01 2.163e-01 2.632 0.008510 **
## factor(unit)2.14393939393939 6.620e-01 2.133e-01 3.104 0.001913 **
## factor(unit)2.1547619047619 6.599e-01 2.155e-01 3.062 0.002205 **
## factor(unit)2.18 4.508e-01 2.146e-01 2.101 0.035656 *
## factor(unit)2.18181818181818 8.720e-01 2.161e-01 4.035 5.50e-05 ***
## factor(unit)2.2 6.410e-01 2.108e-01 3.041 0.002365 **
## factor(unit)2.22727272727273 6.926e-01 2.133e-01 3.247 0.001172 **
## factor(unit)2.23809523809524 7.362e-01 2.143e-01 3.435 0.000595 ***
## factor(unit)2.24137931034483 5.698e-01 2.119e-01 2.689 0.007178 **
## factor(unit)2.25 6.525e-01 2.117e-01 3.082 0.002061 **
## factor(unit)2.26136363636364 5.987e-01 2.162e-01 2.769 0.005641 **
## factor(unit)2.26153846153846 5.106e-01 2.112e-01 2.417 0.015655 *
## factor(unit)2.27272727272727 6.394e-01 1.605e-01 3.984 6.83e-05 ***
## factor(unit)2.3030303030303 6.526e-01 2.138e-01 3.053 0.002274 **

```

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## factor(unit)2.32743362831858 5.962e-01 2.108e-01 2.829 0.004679 **
## factor(unit)2.35294117647059 6.774e-01 2.113e-01 3.206 0.001352 **
## factor(unit)2.36363636363636 6.002e-01 2.139e-01 2.806 0.005029 **
## factor(unit)2.36585365853659 7.325e-01 2.121e-01 3.453 0.000556 ***
## factor(unit)2.37878787878788 6.649e-01 1.641e-01 4.052 5.11e-05 ***
## factor(unit)2.38 5.204e-01 2.161e-01 2.408 0.016047 *
## factor(unit)2.38775510204082 7.972e-01 2.123e-01 3.755 0.000175 ***
## factor(unit)2.39393939393939 6.043e-01 2.131e-01 2.836 0.004582 **
## factor(unit)2.4 7.135e-01 2.107e-01 3.387 0.000710 ***
## factor(unit)2.43478260869565 6.726e-01 2.130e-01 3.157 0.001598 **
## factor(unit)2.45454545454545 6.271e-01 1.681e-01 3.731 0.000192 ***
## factor(unit)2.47727272727273 6.349e-01 2.112e-01 3.006 0.002654 **
## factor(unit)2.48484848484848 5.789e-01 2.107e-01 2.748 0.006008 **
## factor(unit)2.51162790697674 4.945e-01 2.120e-01 2.332 0.019721 *
## factor(unit)2.51923076923077 7.081e-01 2.153e-01 3.289 0.001008 **
## factor(unit)2.52380952380952 7.355e-01 2.127e-01 3.458 0.000546 ***
## factor(unit)2.53191489361702 8.299e-01 2.126e-01 3.904 9.53e-05 ***
## factor(unit)2.55263157894737 6.150e-01 2.130e-01 2.888 0.003887 **
## factor(unit)2.55725190839695 6.479e-01 2.135e-01 3.034 0.002418 **
## factor(unit)2.56692913385827 5.649e-01 2.136e-01 2.644 0.008197 **
## factor(unit)2.58139534883721 4.523e-01 2.140e-01 2.114 0.034580 *
## factor(unit)2.58333333333333 4.820e-01 2.127e-01 2.266 0.023470 *
## factor(unit)2.59090909090909 6.198e-01 2.113e-01 2.934 0.003359 **
## factor(unit)2.6 7.306e-01 1.806e-01 4.046 5.25e-05 ***
## factor(unit)2.6030534351145 4.951e-01 2.145e-01 2.308 0.021002 *
## factor(unit)2.60606060606061 6.097e-01 2.136e-01 2.855 0.004316 **
## factor(unit)2.61061946902655 6.259e-01 2.164e-01 2.892 0.003835 **
## factor(unit)2.61832061068702 6.933e-01 2.145e-01 3.232 0.001235 **
## factor(unit)2.62121212121212 6.897e-01 2.146e-01 3.214 0.001311 **
## factor(unit)2.63076923076923 7.297e-01 2.146e-01 3.400 0.000676 ***
## factor(unit)2.63636363636364 7.189e-01 1.811e-01 3.970 7.25e-05 ***
## factor(unit)2.65 6.750e-01 2.109e-01 3.201 0.001375 **
## factor(unit)2.66666666666667 4.897e-01 2.127e-01 2.303 0.021320 *
## factor(unit)2.66923076923077 6.646e-01 1.798e-01 3.696 0.000220 ***
## factor(unit)2.68181818181818 4.924e-01 2.141e-01 2.299 0.021500 *
## factor(unit)2.69696969696969 7.049e-01 2.144e-01 3.288 0.001014 **
## factor(unit)2.7027027027027 7.535e-01 2.117e-01 3.560 0.000373 ***
## factor(unit)2.70454545454545 5.535e-01 2.144e-01 2.581 0.009864 **
## factor(unit)2.7196261682243 6.456e-01 2.092e-01 3.087 0.002030 **
## factor(unit)2.73684210526316 7.843e-01 2.115e-01 3.709 0.000209 ***
## factor(unit)2.74242424242424 5.698e-01 2.128e-01 2.678 0.007419 **
## factor(unit)2.74358974358974 7.253e-01 2.129e-01 3.406 0.000662 ***
## factor(unit)2.75757575757576 7.126e-01 2.148e-01 3.318 0.000910 ***
## factor(unit)2.75862068965517 5.075e-01 2.138e-01 2.374 0.017638 *
## factor(unit)2.77049180327869 6.779e-01 2.162e-01 3.136 0.001717 **
## factor(unit)2.79545454545455 7.042e-01 2.150e-01 3.275 0.001060 **
## factor(unit)2.8 4.731e-01 2.139e-01 2.211 0.027038 *
## factor(unit)2.80188679245283 6.788e-01 2.127e-01 3.192 0.001418 **
## factor(unit)2.8021978021978 6.959e-01 2.152e-01 3.234 0.001226 **
## factor(unit)2.81818181818182 5.055e-01 2.168e-01 2.332 0.019718 *
## factor(unit)2.82258064516129 5.638e-01 2.146e-01 2.628 0.008612 **
## factor(unit)2.82677165354331 5.763e-01 2.152e-01 2.678 0.007423 **
## factor(unit)2.85840707964602 6.728e-01 2.120e-01 3.174 0.001510 **
## factor(unit)2.87121212121212 6.210e-01 2.163e-01 2.870 0.004108 **

```

```

## factor(unit)2.87394957983193 6.596e-01 2.155e-01 3.060 0.002218 **
## factor(unit)2.875 6.276e-01 2.159e-01 2.907 0.003656 **
## factor(unit)2.88636363636364 6.658e-01 2.156e-01 3.088 0.002019 **
## factor(unit)2.90909090909091 6.197e-01 1.833e-01 3.380 0.000728 ***
## factor(unit)2.91743119266055 5.995e-01 2.166e-01 2.768 0.005650 **
## factor(unit)2.92105263157895 6.995e-01 2.117e-01 3.304 0.000958 ***
## factor(unit)2.92222222222222 8.284e-01 2.166e-01 3.825 0.000131 ***
## factor(unit)2.96907216494845 5.116e-01 2.147e-01 2.383 0.017171 *
## factor(unit)2.97727272727273 6.508e-01 1.687e-01 3.858 0.000115 ***
## factor(unit)3 6.292e-01 1.435e-01 4.385 1.17e-05 ***
## factor(unit)3.01801801801802 6.138e-01 2.135e-01 2.875 0.004043 **
## factor(unit)3.02150537634409 7.563e-01 2.162e-01 3.499 0.000470 ***
## factor(unit)3.02272727272727 6.189e-01 1.831e-01 3.380 0.000728 ***
## factor(unit)3.03076923076923 6.157e-01 2.163e-01 2.846 0.004434 **
## factor(unit)3.03787878787879 6.150e-01 2.152e-01 2.857 0.004283 **
## factor(unit)3.04255319148936 6.806e-01 2.164e-01 3.145 0.001666 **
## factor(unit)3.072 6.588e-01 2.165e-01 3.043 0.002347 **
## factor(unit)3.08333333333333 7.442e-01 2.171e-01 3.428 0.000611 ***
## factor(unit)3.09016393442623 7.056e-01 2.116e-01 3.335 0.000857 ***
## factor(unit)3.09090909090909 5.310e-01 2.147e-01 2.473 0.013433 *
## factor(unit)3.10185185185185 6.689e-01 2.162e-01 3.094 0.001979 **
## factor(unit)3.10891089108911 5.956e-01 2.155e-01 2.764 0.005729 **
## factor(unit)3.1304347826087 5.533e-01 2.160e-01 2.562 0.010415 *
## factor(unit)3.14285714285714 7.439e-01 2.169e-01 3.430 0.000605 ***
## factor(unit)3.15126050420168 6.489e-01 2.137e-01 3.036 0.002403 **
## factor(unit)3.16071428571429 5.363e-01 2.129e-01 2.519 0.011784 *
## factor(unit)3.16666666666667 5.835e-01 2.165e-01 2.696 0.007039 **
## factor(unit)3.17721518987342 5.244e-01 2.164e-01 2.423 0.015419 *
## factor(unit)3.18181818181818 4.754e-01 2.138e-01 2.223 0.026238 *
## factor(unit)3.19753086419753 5.403e-01 2.167e-01 2.493 0.012679 *
## factor(unit)3.2 6.950e-01 1.817e-01 3.825 0.000132 ***
## factor(unit)3.21052631578947 7.333e-01 2.167e-01 3.384 0.000718 ***
## factor(unit)3.21212121212121 5.888e-01 2.153e-01 2.735 0.006249 **
## factor(unit)3.21487603305785 6.414e-01 2.165e-01 2.962 0.003061 **
## factor(unit)3.22857142857143 5.847e-01 2.165e-01 2.701 0.006930 **
## factor(unit)3.23404255319149 6.392e-01 2.167e-01 2.949 0.003195 **
## factor(unit)3.25 6.968e-01 2.167e-01 3.215 0.001309 **
## factor(unit)3.25714285714286 4.727e-01 2.173e-01 2.175 0.029624 *
## factor(unit)3.26315789473684 5.701e-01 2.138e-01 2.667 0.007664 **
## factor(unit)3.27586206896552 7.086e-01 2.127e-01 3.332 0.000867 ***
## factor(unit)3.27777777777778 5.856e-01 2.164e-01 2.706 0.006815 **
## factor(unit)3.27884615384615 6.124e-01 2.171e-01 2.821 0.004803 **
## factor(unit)3.28030303030303 7.498e-01 2.134e-01 3.513 0.000445 ***
## factor(unit)3.28125 6.094e-01 2.161e-01 2.821 0.004802 **
## factor(unit)3.28571428571429 5.239e-01 2.121e-01 2.470 0.013546 *
## factor(unit)3.28865979381443 6.764e-01 2.164e-01 3.125 0.001781 **
## factor(unit)3.29545454545455 5.621e-01 2.155e-01 2.608 0.009119 **
## factor(unit)3.3 7.276e-01 2.162e-01 3.366 0.000765 ***
## factor(unit)3.31060606060606 5.917e-01 2.155e-01 2.745 0.006059 **
## factor(unit)3.31578947368421 7.181e-01 2.160e-01 3.324 0.000891 ***
## factor(unit)3.3206106870229 6.252e-01 2.129e-01 2.937 0.003327 **
## factor(unit)3.32558139534884 6.418e-01 2.175e-01 2.951 0.003175 **
## factor(unit)3.33333333333333 6.645e-01 1.611e-01 4.125 3.74e-05 ***
## factor(unit)3.34645669291339 5.031e-01 2.140e-01 2.351 0.018761 *

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## factor(unit)3.3469387755102 6.634e-01 2.172e-01 3.054 0.002265 **
## factor(unit)3.35 3.801e-01 2.176e-01 1.747 0.080681 .
## factor(unit)3.35384615384615 5.639e-01 2.172e-01 2.597 0.009432 **
## factor(unit)3.359375 6.313e-01 2.166e-01 2.915 0.003569 **
## factor(unit)3.36363636363636 6.460e-01 1.839e-01 3.512 0.000446 ***
## factor(unit)3.36559139784946 6.260e-01 2.166e-01 2.890 0.003860 **
## factor(unit)3.36734693877551 6.307e-01 2.167e-01 2.911 0.003610 **
## factor(unit)3.384 5.711e-01 2.166e-01 2.637 0.008389 **
## factor(unit)3.38461538461538 6.124e-01 2.171e-01 2.821 0.004797 **
## factor(unit)3.38709677419355 5.314e-01 1.841e-01 2.887 0.003900 **
## factor(unit)3.38888888888889 7.955e-01 1.839e-01 4.327 1.53e-05 ***
## factor(unit)3.4 6.308e-01 2.167e-01 2.911 0.003609 **
## factor(unit)3.40151515151515 6.737e-01 2.162e-01 3.116 0.001839 **
## factor(unit)3.41269841269841 6.896e-01 2.172e-01 3.175 0.001502 **
## factor(unit)3.41860465116279 6.840e-01 2.088e-01 3.276 0.001056 **
## factor(unit)3.42201834862385 6.994e-01 2.167e-01 3.227 0.001255 **
## factor(unit)3.43181818181818 6.036e-01 1.839e-01 3.283 0.001032 **
## factor(unit)3.44444444444444 8.107e-01 2.142e-01 3.785 0.000155 ***
## factor(unit)3.45 7.375e-01 2.159e-01 3.416 0.000639 ***
## factor(unit)3.45454545454545 7.021e-01 2.167e-01 3.239 0.001202 **
## factor(unit)3.45614035087719 6.628e-01 2.167e-01 3.059 0.002228 **
## factor(unit)3.46666666666667 5.729e-01 2.164e-01 2.647 0.008125 **
## factor(unit)3.46969696969697 6.224e-01 2.167e-01 2.872 0.004083 **
## factor(unit)3.472 5.958e-01 2.136e-01 2.790 0.005286 **
## factor(unit)3.47368421052632 5.138e-01 2.174e-01 2.363 0.018145 *
## factor(unit)3.48484848484848 5.433e-01 2.148e-01 2.530 0.011435 *
## factor(unit)3.49166666666667 7.020e-01 2.169e-01 3.237 0.001213 **
## factor(unit)3.49242424242424 5.478e-01 2.167e-01 2.527 0.011505 *
## factor(unit)3.5 5.318e-01 2.177e-01 2.442 0.014604 *
## factor(unit)3.51136363636364 8.089e-01 2.166e-01 3.735 0.000189 ***
## factor(unit)3.51282051282051 5.129e-01 2.171e-01 2.362 0.018179 *
## factor(unit)3.51470588235294 4.372e-01 2.164e-01 2.020 0.043440 *
## factor(unit)3.51612903225806 6.766e-01 2.168e-01 3.121 0.001807 **
## factor(unit)3.51666666666667 7.033e-01 2.167e-01 3.245 0.001178 **
## factor(unit)3.52 7.226e-01 2.186e-01 3.306 0.000950 ***
## factor(unit)3.52808988764045 4.692e-01 2.176e-01 2.156 0.031140 *
## factor(unit)3.52941176470588 6.277e-01 2.158e-01 2.909 0.003629 **
## factor(unit)3.53333333333333 5.315e-01 2.173e-01 2.446 0.014472 *
## factor(unit)3.53658536585366 7.126e-01 2.146e-01 3.321 0.000900 ***
## factor(unit)3.54545454545455 6.325e-01 1.659e-01 3.813 0.000138 ***
## factor(unit)3.55263157894737 7.073e-01 2.168e-01 3.262 0.001110 **
## factor(unit)3.55882352941176 5.681e-01 2.168e-01 2.621 0.008789 **
## factor(unit)3.5625 6.459e-01 2.184e-01 2.957 0.003115 **
## factor(unit)3.56756756756757 4.701e-01 2.177e-01 2.159 0.030851 *
## factor(unit)3.57692307692308 5.917e-01 2.163e-01 2.735 0.006245 **
## factor(unit)3.58333333333333 5.487e-01 2.177e-01 2.520 0.011738 *
## factor(unit)3.59375 5.872e-01 2.179e-01 2.695 0.007052 **
## factor(unit)3.60344827586207 6.241e-01 2.181e-01 2.862 0.004220 **
## factor(unit)3.61832061068702 7.732e-01 2.168e-01 3.566 0.000365 ***
## factor(unit)3.63157894736842 5.747e-01 1.843e-01 3.117 0.001830 **
## factor(unit)3.63559322033898 6.224e-01 2.167e-01 2.872 0.004086 **
## factor(unit)3.63636363636364 6.952e-01 1.833e-01 3.792 0.000150 ***
## factor(unit)3.64516129032258 6.782e-01 2.173e-01 3.122 0.001804 **
## factor(unit)3.65909090909091 6.553e-01 1.832e-01 3.577 0.000349 ***

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## factor(unit)3.66666666666667 6.033e-01 1.716e-01 3.516 0.000440 ***
## factor(unit)3.68181818181818 6.841e-01 2.166e-01 3.158 0.001592 **
## factor(unit)3.696 6.335e-01 2.156e-01 2.938 0.003311 **
## factor(unit)3.6969696969697 7.240e-01 2.182e-01 3.318 0.000911 ***
## factor(unit)3.70212765957447 6.645e-01 2.180e-01 3.048 0.002313 **
## factor(unit)3.704 4.908e-01 2.169e-01 2.263 0.023686 *
## factor(unit)3.70454545454545 5.330e-01 2.183e-01 2.442 0.014625 *
## factor(unit)3.70873786407767 8.156e-01 2.163e-01 3.770 0.000164 ***
## factor(unit)3.72093023255814 7.374e-01 2.181e-01 3.380 0.000727 ***
## factor(unit)3.72727272727273 6.786e-01 2.183e-01 3.108 0.001887 **
## factor(unit)3.74193548387097 6.163e-01 2.183e-01 2.823 0.004774 **
## factor(unit)3.74242424242424 5.482e-01 1.859e-01 2.949 0.003200 **
## factor(unit)3.74257425742574 6.051e-01 2.168e-01 2.791 0.005261 **
## factor(unit)3.75 6.875e-01 1.824e-01 3.769 0.000165 ***
## factor(unit)3.75757575757576 6.367e-01 1.838e-01 3.463 0.000536 ***
## factor(unit)3.7741935483871 6.803e-01 2.166e-01 3.141 0.001691 **
## factor(unit)3.78571428571429 6.962e-01 2.160e-01 3.223 0.001272 **
## factor(unit)3.78787878787879 6.173e-01 2.185e-01 2.825 0.004732 **
## factor(unit)3.78899082568807 7.355e-01 2.151e-01 3.419 0.000632 ***
## factor(unit)3.80373831775701 7.426e-01 2.124e-01 3.496 0.000475 ***
## factor(unit)3.8062015503876 7.079e-01 2.189e-01 3.234 0.001225 **
## factor(unit)3.81395348837209 9.935e-01 2.189e-01 4.539 5.71e-06 ***
## factor(unit)3.81818181818182 5.807e-01 1.710e-01 3.396 0.000688 ***
## factor(unit)3.82978723404255 5.321e-01 2.171e-01 2.451 0.014273 *
## factor(unit)3.83333333333333 5.881e-01 1.837e-01 3.202 0.001369 **
## factor(unit)3.84090909090909 5.746e-01 2.147e-01 2.677 0.007450 **
## factor(unit)3.84615384615385 4.792e-01 2.148e-01 2.231 0.025675 *
## factor(unit)3.85840707964602 5.419e-01 2.151e-01 2.520 0.011758 *
## factor(unit)3.85869565217391 6.752e-01 2.179e-01 3.099 0.001946 **
## factor(unit)3.86206896551724 5.438e-01 2.190e-01 2.483 0.013049 *
## factor(unit)3.86486486486486 6.646e-01 2.163e-01 3.073 0.002123 **
## factor(unit)3.8695652173913 5.365e-01 2.171e-01 2.471 0.013476 *
## factor(unit)3.87628865979381 5.669e-01 2.189e-01 2.589 0.009629 **
## factor(unit)3.87878787878788 7.000e-01 2.164e-01 3.235 0.001220 **
## factor(unit)3.88571428571429 6.580e-01 2.188e-01 3.008 0.002637 **
## factor(unit)3.89156626506024 7.117e-01 2.188e-01 3.253 0.001147 **
## factor(unit)3.90151515151515 6.844e-01 2.190e-01 3.126 0.001780 **
## factor(unit)3.90909090909091 5.619e-01 2.171e-01 2.589 0.009648 **
## factor(unit)3.91358024691358 6.436e-01 2.152e-01 2.991 0.002790 **
## factor(unit)3.91603053435115 5.518e-01 2.168e-01 2.545 0.010932 *
## factor(unit)3.925 6.754e-01 2.185e-01 3.091 0.002002 **
## factor(unit)3.93181818181818 6.763e-01 2.168e-01 3.119 0.001821 **
## factor(unit)3.93693693693694 7.831e-01 2.191e-01 3.574 0.000353 ***
## factor(unit)3.944 5.954e-01 2.168e-01 2.746 0.006039 **
## factor(unit)3.9453125 6.506e-01 2.191e-01 2.970 0.002986 **
## factor(unit)3.96039603960396 7.331e-01 2.178e-01 3.365 0.000767 ***
## factor(unit)3.96212121212121 6.486e-01 2.191e-01 2.960 0.003082 **
## factor(unit)3.96666666666667 7.072e-01 2.132e-01 3.316 0.000915 ***
## factor(unit)3.97368421052632 6.858e-01 2.174e-01 3.155 0.001612 **
## factor(unit)3.97435897435897 6.172e-01 2.193e-01 2.815 0.004892 **
## factor(unit)3.97560975609756 4.020e-01 2.194e-01 1.832 0.066909 .
## factor(unit)4 6.306e-01 1.478e-01 4.266 2.01e-05 ***
## factor(unit)4.00909090909091 7.088e-01 2.146e-01 3.303 0.000961 ***
## factor(unit)4.01052631578947 5.904e-01 2.173e-01 2.717 0.006602 **

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## factor(unit)4.01408450704225 7.069e-01 2.172e-01 3.255 0.001138 **
## factor(unit)4.02040816326531 5.599e-01 2.176e-01 2.573 0.010105 *
## factor(unit)4.02290076335878 5.777e-01 2.192e-01 2.636 0.008409 **
## factor(unit)4.02564102564103 7.244e-01 2.169e-01 3.340 0.000842 ***
## factor(unit)4.03030303030303 5.860e-01 2.193e-01 2.672 0.007543 **
## factor(unit)4.03092783505155 6.690e-01 2.193e-01 3.051 0.002285 **
## factor(unit)4.03508771929825 7.508e-01 2.173e-01 3.455 0.000553 ***
## factor(unit)4.04255319148936 6.234e-01 1.869e-01 3.336 0.000853 ***
## factor(unit)4.04545454545455 5.681e-01 1.843e-01 3.083 0.002058 **
## factor(unit)4.04761904761905 5.863e-01 2.194e-01 2.672 0.007552 **
## factor(unit)4.04878048780488 7.355e-01 1.857e-01 3.961 7.53e-05 ***
## factor(unit)4.05 5.408e-01 2.152e-01 2.513 0.011989 *
## factor(unit)4.05128205128205 6.860e-01 2.169e-01 3.162 0.001571 **
## factor(unit)4.05263157894737 5.665e-01 2.158e-01 2.625 0.008680 **
## factor(unit)4.056 5.794e-01 2.169e-01 2.670 0.007587 **
## factor(unit)4.05882352941176 7.446e-01 1.818e-01 4.096 4.24e-05 ***
## factor(unit)4.06060606060606 5.607e-01 2.192e-01 2.557 0.010561 *
## factor(unit)4.06172839506173 8.371e-01 2.193e-01 3.818 0.000135 ***
## factor(unit)4.06382978723404 6.875e-01 2.170e-01 3.168 0.001540 **
## factor(unit)4.08 6.379e-01 2.164e-01 2.948 0.003210 **
## factor(unit)4.08333333333333 5.173e-01 2.192e-01 2.360 0.018280 *
## factor(unit)4.09090909090909 4.829e-01 1.801e-01 2.682 0.007337 **
## factor(unit)4.10091743119266 5.709e-01 2.170e-01 2.631 0.008521 **
## factor(unit)4.11702127659574 6.655e-01 2.169e-01 3.069 0.002156 **
## factor(unit)4.11764705882353 6.231e-01 1.854e-01 3.361 0.000778 ***
## factor(unit)4.13513513513514 6.118e-01 2.161e-01 2.832 0.004638 **
## factor(unit)4.13636363636364 6.761e-01 1.731e-01 3.905 9.47e-05 ***
## factor(unit)4.15384615384615 8.279e-01 2.163e-01 3.827 0.000130 ***
## factor(unit)4.15555555555556 7.778e-01 2.192e-01 3.548 0.000390 ***
## factor(unit)4.16129032258065 5.631e-01 2.164e-01 2.602 0.009279 **
## factor(unit)4.16279069767442 4.915e-01 1.855e-01 2.650 0.008059 **
## factor(unit)4.16666666666667 8.615e-01 2.162e-01 3.985 6.80e-05 ***
## factor(unit)4.17073170731707 5.958e-01 2.167e-01 2.749 0.005987 **
## factor(unit)4.1747572815534 5.717e-01 2.191e-01 2.610 0.009067 **
## factor(unit)4.175 6.081e-01 2.192e-01 2.774 0.005554 **
## factor(unit)4.1875 5.538e-01 2.190e-01 2.528 0.011481 *
## factor(unit)4.19083969465649 5.778e-01 2.174e-01 2.658 0.007881 **
## factor(unit)4.19298245614035 6.049e-01 2.166e-01 2.793 0.005231 **
## factor(unit)4.19827586206897 6.255e-01 2.190e-01 2.856 0.004302 **
## factor(unit)4.2 5.830e-01 2.192e-01 2.660 0.007837 **
## factor(unit)4.20454545454545 5.284e-01 2.191e-01 2.412 0.015886 *
## factor(unit)4.20754716981132 5.750e-01 2.165e-01 2.655 0.007937 **
## factor(unit)4.21052631578947 5.500e-01 2.177e-01 2.526 0.011544 *
## factor(unit)4.21100917431193 6.682e-01 1.836e-01 3.639 0.000275 ***
## factor(unit)4.21518987341772 6.108e-01 2.173e-01 2.811 0.004945 **
## factor(unit)4.21621621621622 7.446e-01 2.177e-01 3.421 0.000627 ***
## factor(unit)4.21666666666667 5.210e-01 2.192e-01 2.377 0.017464 *
## factor(unit)4.21875 5.296e-01 2.174e-01 2.436 0.014859 *
## factor(unit)4.22352941176471 7.085e-01 2.182e-01 3.248 0.001168 **
## factor(unit)4.22950819672131 6.317e-01 2.153e-01 2.934 0.003350 **
## factor(unit)4.23076923076923 8.089e-01 1.857e-01 4.355 1.34e-05 ***
## factor(unit)4.23255813953488 6.851e-01 1.832e-01 3.740 0.000185 ***
## factor(unit)4.23275862068965 6.763e-01 2.190e-01 3.088 0.002021 **
## factor(unit)4.23333333333333 5.521e-01 2.159e-01 2.557 0.010583 *

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## factor(unit)4.23484848484848 6.209e-01 2.164e-01 2.869 0.004125 **
## factor(unit)4.24752475247525 6.379e-01 2.189e-01 2.914 0.003576 **
## factor(unit)4.25225225225225 5.392e-01 2.194e-01 2.457 0.014013 *
## factor(unit)4.25641025641026 6.408e-01 2.150e-01 2.981 0.002880 **
## factor(unit)4.25714285714286 6.432e-01 2.177e-01 2.954 0.003143 **
## factor(unit)4.26086956521739 4.330e-01 2.195e-01 1.972 0.048598 *
## factor(unit)4.26315789473684 6.629e-01 2.169e-01 3.057 0.002245 **
## factor(unit)4.26829268292683 4.415e-01 2.114e-01 2.089 0.036764 *
## factor(unit)4.27272727272727 5.567e-01 2.162e-01 2.575 0.010034 *
## factor(unit)4.27368421052632 6.381e-01 2.190e-01 2.913 0.003584 **
## factor(unit)4.27433628318584 7.449e-01 2.189e-01 3.403 0.000668 ***
## factor(unit)4.27586206896552 7.230e-01 2.188e-01 3.304 0.000956 ***
## factor(unit)4.28787878787879 5.208e-01 2.171e-01 2.399 0.016448 *
## factor(unit)4.28947368421053 6.118e-01 2.177e-01 2.810 0.004960 **
## factor(unit)4.3030303030303 6.695e-01 1.836e-01 3.647 0.000266 ***
## factor(unit)4.30769230769231 5.507e-01 1.821e-01 3.024 0.002503 **
## factor(unit)4.31818181818182 6.567e-01 2.186e-01 3.004 0.002675 **
## factor(unit)4.31932773109244 6.137e-01 2.191e-01 2.801 0.005099 **
## factor(unit)4.32173913043478 6.275e-01 2.169e-01 2.894 0.003816 **
## factor(unit)4.32575757575758 5.106e-01 2.189e-01 2.333 0.019669 *
## factor(unit)4.33333333333333 6.699e-01 1.733e-01 3.865 0.000112 ***
## factor(unit)4.34210526315789 6.374e-01 2.185e-01 2.917 0.003545 **
## factor(unit)4.34328358208955 5.040e-01 2.173e-01 2.319 0.020404 *
## factor(unit)4.35416666666667 5.254e-01 2.168e-01 2.423 0.015407 *
## factor(unit)4.35483870967742 6.163e-01 2.190e-01 2.814 0.004909 **
## factor(unit)4.35514018691589 6.204e-01 2.191e-01 2.832 0.004635 **
## factor(unit)4.35820895522388 6.054e-01 2.149e-01 2.817 0.004864 **
## factor(unit)4.36363636363636 6.035e-01 2.150e-01 2.806 0.005018 **
## factor(unit)4.38636363636364 6.218e-01 2.164e-01 2.873 0.004078 **
## factor(unit)4.38775510204082 5.466e-01 2.161e-01 2.529 0.011444 *
## factor(unit)4.39130434782609 6.467e-01 2.167e-01 2.984 0.002851 **
## factor(unit)4.3953488372093 6.381e-01 2.143e-01 2.977 0.002916 **
## factor(unit)4.4 6.206e-01 1.826e-01 3.398 0.000682 ***
## factor(unit)4.40151515151515 6.241e-01 2.187e-01 2.853 0.004335 **
## factor(unit)4.41025641025641 6.716e-01 2.188e-01 3.070 0.002148 **
## factor(unit)4.41666666666667 5.870e-01 2.169e-01 2.706 0.006826 **
## factor(unit)4.42424242424242 6.579e-01 1.856e-01 3.545 0.000395 ***
## factor(unit)4.42857142857143 7.518e-01 2.196e-01 3.424 0.000619 ***
## factor(unit)4.43939393939394 7.354e-01 2.151e-01 3.419 0.000632 ***
## factor(unit)4.44 5.173e-01 2.175e-01 2.378 0.017435 *
## factor(unit)4.44444444444444 5.896e-01 1.860e-01 3.170 0.001528 **
## factor(unit)4.45652173913043 5.001e-01 2.184e-01 2.290 0.022069 *
## factor(unit)4.45918367346939 5.733e-01 2.189e-01 2.619 0.008834 **
## factor(unit)4.46728971962617 6.357e-01 2.173e-01 2.925 0.003454 **
## factor(unit)4.47058823529412 6.046e-01 2.145e-01 2.819 0.004832 **
## factor(unit)4.47826086956522 5.628e-01 2.179e-01 2.582 0.009826 **
## factor(unit)4.4811320754717 4.831e-01 2.187e-01 2.209 0.027195 *
## factor(unit)4.48333333333333 7.369e-01 2.184e-01 3.375 0.000742 ***
## factor(unit)4.5 8.266e-01 1.862e-01 4.438 9.17e-06 ***
## factor(unit)4.50406504065041 6.509e-01 2.121e-01 3.068 0.002159 **
## factor(unit)4.50757575757576 6.012e-01 2.186e-01 2.749 0.005980 **
## factor(unit)4.51282051282051 6.466e-01 2.180e-01 2.966 0.003022 **
## factor(unit)4.51315789473684 5.878e-01 2.189e-01 2.686 0.007252 **
## factor(unit)4.51351351351351 6.545e-01 2.172e-01 3.013 0.002593 **

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## factor(unit)4.52      5.293e-01  2.176e-01  2.432 0.015037 *
## factor(unit)4.52032520325203 6.114e-01  2.183e-01  2.801 0.005111 **
## factor(unit)4.52173913043478 7.982e-01  2.187e-01  3.649 0.000264 ***
## factor(unit)4.52427184466019 6.094e-01  2.189e-01  2.784 0.005378 **
## factor(unit)4.54545454545455 6.540e-01  1.706e-01  3.834 0.000127 ***
## factor(unit)4.55263157894737 7.627e-01  2.189e-01  3.485 0.000495 ***
## factor(unit)4.56      6.744e-01  1.724e-01  3.911 9.27e-05 ***
## factor(unit)4.56060606060606 7.845e-01  2.186e-01  3.589 0.000334 ***
## factor(unit)4.56521739130435 5.870e-01  2.157e-01  2.722 0.006502 **
## factor(unit)4.56666666666667 4.907e-01  2.107e-01  2.328 0.019918 *
## factor(unit)4.57446808510638 6.459e-01  2.123e-01  3.042 0.002355 **
## factor(unit)4.575     6.973e-01  2.169e-01  3.215 0.001311 **
## factor(unit)4.576     5.481e-01  2.185e-01  2.509 0.012138 *
## factor(unit)4.57894736842105 6.000e-01  2.141e-01  2.803 0.005073 **
## factor(unit)4.58558558558559 7.035e-01  2.168e-01  3.246 0.001175 **
## factor(unit)4.58823529411765 5.942e-01  2.181e-01  2.724 0.006462 **
## factor(unit)4.59259259259259 6.520e-01  1.857e-01  3.511 0.000448 ***
## factor(unit)4.6       5.254e-01  1.851e-01  2.838 0.004543 **
## factor(unit)4.60240963855422 6.310e-01  2.095e-01  3.012 0.002603 **
## factor(unit)4.6056338028169 6.385e-01  2.187e-01  2.919 0.003518 **
## factor(unit)4.60759493670886 5.557e-01  1.862e-01  2.984 0.002852 **
## factor(unit)4.61818181818182 6.313e-01  2.164e-01  2.918 0.003531 **
## factor(unit)4.63265306122449 6.625e-01  2.165e-01  3.061 0.002214 **
## factor(unit)4.63291139240506 5.858e-01  2.178e-01  2.690 0.007159 **
## factor(unit)4.63636363636364 6.735e-01  1.853e-01  3.635 0.000279 ***
## factor(unit)4.63888888888889 6.374e-01  2.174e-01  2.933 0.003369 **
## factor(unit)4.63963963963964 6.655e-01  2.172e-01  3.064 0.002189 **
## factor(unit)4.64      5.847e-01  2.187e-01  2.674 0.007511 **
## factor(unit)4.64285714285714 8.038e-01  2.189e-01  3.672 0.000242 ***
## factor(unit)4.64788732394366 6.665e-01  2.187e-01  3.048 0.002311 **
## factor(unit)4.64885496183206 5.784e-01  2.174e-01  2.661 0.007801 **
## factor(unit)4.65217391304348 4.969e-01  1.846e-01  2.692 0.007124 **
## factor(unit)4.66071428571429 6.729e-01  2.155e-01  3.122 0.001799 **
## factor(unit)4.66949152542373 6.245e-01  2.136e-01  2.924 0.003466 **
## factor(unit)4.67424242424242 5.854e-01  2.184e-01  2.680 0.007370 **
## factor(unit)4.6875     6.612e-01  2.176e-01  3.038 0.002384 **
## factor(unit)4.68939393939394 5.888e-01  2.157e-01  2.730 0.006340 **
## factor(unit)4.69230769230769 6.694e-01  2.173e-01  3.081 0.002071 **
## factor(unit)4.70114942528736 6.339e-01  2.185e-01  2.901 0.003723 **
## factor(unit)4.70454545454545 7.217e-01  1.854e-01  3.892 0.000100 ***
## factor(unit)4.71084337349398 5.994e-01  2.182e-01  2.746 0.006035 **
## factor(unit)4.71212121212121 7.225e-01  2.136e-01  3.383 0.000720 ***
## factor(unit)4.71428571428571 7.502e-01  1.656e-01  4.531 5.95e-06 ***
## factor(unit)4.72058823529412 7.159e-01  2.175e-01  3.291 0.001000 **
## factor(unit)4.7244094488189  5.250e-01  2.173e-01  2.416 0.015718 *
## factor(unit)4.725     6.570e-01  2.188e-01  3.002 0.002685 **
## factor(unit)4.72727272727273 6.275e-01  2.186e-01  2.871 0.004101 **
## factor(unit)4.73333333333333 5.078e-01  2.125e-01  2.390 0.016872 *
## factor(unit)4.74193548387097 6.386e-01  2.157e-01  2.961 0.003074 **
## factor(unit)4.74242424242424 6.897e-01  2.179e-01  3.166 0.001553 **
## factor(unit)4.75      6.250e-01  1.660e-01  3.766 0.000167 ***
## factor(unit)4.75454545454545 6.530e-01  2.179e-01  2.998 0.002728 **
## factor(unit)4.76190476190476 5.116e-01  2.186e-01  2.340 0.019296 *
## factor(unit)4.76515151515152 7.139e-01  2.178e-01  3.278 0.001051 **

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## factor(unit)4.76923076923077 7.151e-01 2.194e-01 3.259 0.001122 **
## factor(unit)4.77272727272727 6.507e-01 1.847e-01 3.524 0.000427 ***
## factor(unit)4.775 6.983e-01 2.185e-01 3.196 0.001396 **
## factor(unit)4.78048780487805 6.974e-01 2.191e-01 3.184 0.001459 **
## factor(unit)4.78787878787879 6.830e-01 2.179e-01 3.134 0.001728 **
## factor(unit)4.78947368421053 6.555e-01 2.178e-01 3.010 0.002621 **
## factor(unit)4.78991596638655 5.683e-01 2.175e-01 2.614 0.008974 **
## factor(unit)4.7906976744186 8.968e-01 2.172e-01 4.129 3.67e-05 ***
## factor(unit)4.79120879120879 5.279e-01 2.190e-01 2.411 0.015938 *
## factor(unit)4.79245283018868 3.952e-01 2.188e-01 1.807 0.070833 .
## factor(unit)4.79439252336449 6.072e-01 2.141e-01 2.837 0.004570 **
## factor(unit)4.8 5.821e-01 2.178e-01 2.672 0.007552 **
## factor(unit)4.8030303030303 6.231e-01 2.155e-01 2.891 0.003852 **
## factor(unit)4.80645161290323 6.142e-01 2.184e-01 2.812 0.004927 **
## factor(unit)4.80952380952381 7.486e-01 2.182e-01 3.430 0.000605 ***
## factor(unit)4.8125 5.960e-01 2.164e-01 2.754 0.005892 **
## factor(unit)4.81818181818182 6.435e-01 1.814e-01 3.547 0.000392 ***
## factor(unit)4.82178217821782 5.451e-01 2.181e-01 2.499 0.012455 *
## factor(unit)4.82352941176471 3.070e-01 2.186e-01 1.405 0.160103
## factor(unit)4.825 6.827e-01 2.188e-01 3.120 0.001812 **
## factor(unit)4.82857142857143 6.208e-01 2.185e-01 2.841 0.004508 **
## factor(unit)4.83132530120482 5.868e-01 2.166e-01 2.709 0.006751 **
## factor(unit)4.83606557377049 6.181e-01 2.184e-01 2.830 0.004658 **
## factor(unit)4.83928571428571 6.464e-01 2.183e-01 2.962 0.003068 **
## factor(unit)4.84210526315789 6.803e-01 2.177e-01 3.125 0.001782 **
## factor(unit)4.84269662921348 5.964e-01 2.184e-01 2.731 0.006328 **
## factor(unit)4.84426229508197 5.373e-01 2.181e-01 2.463 0.013790 *
## factor(unit)4.84615384615385 7.020e-01 2.173e-01 3.230 0.001241 **
## factor(unit)4.85148514851485 6.835e-01 2.161e-01 3.163 0.001569 **
## factor(unit)4.85321100917431 6.627e-01 2.172e-01 3.051 0.002290 **
## factor(unit)4.85714285714286 6.552e-01 2.197e-01 2.983 0.002865 **
## factor(unit)4.86363636363636 6.812e-01 1.728e-01 3.942 8.15e-05 ***
## factor(unit)4.86440677966102 6.317e-01 2.183e-01 2.894 0.003807 **
## factor(unit)4.86666666666667 7.713e-01 2.173e-01 3.549 0.000388 ***
## factor(unit)4.86991869918699 6.013e-01 1.856e-01 3.240 0.001199 **
## factor(unit)4.87234042553191 5.544e-01 2.169e-01 2.557 0.010587 *
## factor(unit)4.88421052631579 5.994e-01 2.158e-01 2.777 0.005497 **
## factor(unit)4.88888888888889 5.175e-01 2.178e-01 2.375 0.017548 *
## factor(unit)4.90909090909091 6.238e-01 1.853e-01 3.366 0.000765 ***
## factor(unit)4.92 7.161e-01 2.167e-01 3.304 0.000955 ***
## factor(unit)4.93069306930693 6.683e-01 2.168e-01 3.083 0.002053 **
## factor(unit)4.93181818181818 6.449e-01 1.859e-01 3.470 0.000523 ***
## factor(unit)4.95454545454545 6.910e-01 2.175e-01 3.176 0.001495 **
## factor(unit)4.95744680851064 7.273e-01 2.171e-01 3.350 0.000810 ***
## factor(unit)4.95798319327731 6.545e-01 2.160e-01 3.030 0.002450 **
## factor(unit)4.97297297297297 5.799e-01 2.196e-01 2.641 0.008291 **
## factor(unit)4.97345132743363 6.059e-01 2.175e-01 2.785 0.005361 **
## factor(unit)4.97457627118644 6.564e-01 2.186e-01 3.003 0.002683 **
## factor(unit)4.97647058823529 6.190e-01 2.163e-01 2.861 0.004228 **
## factor(unit)4.97727272727273 5.762e-01 1.855e-01 3.105 0.001906 **
## factor(unit)4.97777777777778 7.582e-01 2.201e-01 3.445 0.000573 ***
## factor(unit)4.98484848484848 5.980e-01 2.181e-01 2.741 0.006129 **
## factor(unit)4.98571428571429 6.586e-01 2.133e-01 3.087 0.002027 **
## factor(unit)5 6.410e-01 1.461e-01 4.387 1.16e-05 ***

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## factor(unit)5.00917431192661 7.590e-01 2.183e-01 3.478 0.000508 ***
## factor(unit)5.01515151515152 5.900e-01 2.181e-01 2.705 0.006845 **
## factor(unit)5.02325581395349 5.314e-01 2.201e-01 2.414 0.015784 *
## factor(unit)5.02970297029703 5.889e-01 2.167e-01 2.718 0.006576 **
## factor(unit)5.06060606060606 6.693e-01 2.143e-01 3.124 0.001791 **
## factor(unit)5.0625 4.865e-01 2.168e-01 2.244 0.024861 *
## factor(unit)5.07058823529412 6.169e-01 2.164e-01 2.850 0.004377 **
## factor(unit)5.088 7.181e-01 2.186e-01 3.285 0.001022 **
## factor(unit)5.09090909090909 7.147e-01 2.176e-01 3.285 0.001024 **
## factor(unit)5.09259259259259 5.876e-01 2.173e-01 2.704 0.006862 **
## factor(unit)5.09848484848485 6.903e-01 2.181e-01 3.165 0.001557 **
## factor(unit)5.1 5.110e-01 1.880e-01 2.718 0.006569 **
## factor(unit)5.10077519379845 6.491e-01 2.181e-01 2.976 0.002930 **
## factor(unit)5.10280373831776 6.628e-01 2.163e-01 3.064 0.002188 **
## factor(unit)5.10769230769231 6.396e-01 2.180e-01 2.934 0.003356 **
## factor(unit)5.11111111111111 7.177e-01 2.190e-01 3.277 0.001052 **
## factor(unit)5.12121212121212 6.797e-01 1.839e-01 3.697 0.000220 ***
## factor(unit)5.125 6.330e-01 1.806e-01 3.504 0.000460 ***
## factor(unit)5.14893617021277 5.613e-01 2.162e-01 2.597 0.009426 **
## factor(unit)5.15 6.349e-01 2.159e-01 2.941 0.003284 **
## factor(unit)5.15151515151515 6.358e-01 2.181e-01 2.916 0.003557 **
## factor(unit)5.1566265060241 5.633e-01 2.188e-01 2.575 0.010049 *
## factor(unit)5.15909090909091 5.188e-01 2.186e-01 2.374 0.017635 *
## factor(unit)5.16049382716049 5.623e-01 2.171e-01 2.590 0.009623 **
## factor(unit)5.17073170731707 7.568e-01 2.150e-01 3.520 0.000434 ***
## factor(unit)5.17307692307692 7.095e-01 2.173e-01 3.266 0.001095 **
## factor(unit)5.18181818181818 6.013e-01 1.802e-01 3.338 0.000848 ***
## factor(unit)5.1830985915493 6.271e-01 2.193e-01 2.859 0.004258 **
## factor(unit)5.18348623853211 5.879e-01 2.142e-01 2.745 0.006065 **
## factor(unit)5.19298245614035 7.182e-01 2.157e-01 3.329 0.000875 ***
## factor(unit)5.19642857142857 5.736e-01 2.178e-01 2.633 0.008466 **
## factor(unit)5.20454545454545 5.467e-01 2.108e-01 2.594 0.009514 **
## factor(unit)5.21052631578947 6.120e-01 2.080e-01 2.942 0.003269 **
## factor(unit)5.21969696969697 6.985e-01 2.154e-01 3.243 0.001188 **
## factor(unit)5.22857142857143 6.270e-01 2.176e-01 2.881 0.003972 **
## factor(unit)5.23529411764706 5.024e-01 2.179e-01 2.305 0.021166 *
## factor(unit)5.24242424242424 5.967e-01 1.858e-01 3.212 0.001323 **
## factor(unit)5.25 5.979e-01 1.850e-01 3.232 0.001233 **
## factor(unit)5.25316455696202 5.985e-01 2.181e-01 2.744 0.006086 **
## factor(unit)5.25742574257426 6.367e-01 2.177e-01 2.924 0.003461 **
## factor(unit)5.2621359223301 6.062e-01 2.182e-01 2.779 0.005467 **
## factor(unit)5.26271186440678 5.723e-01 2.182e-01 2.623 0.008727 **
## factor(unit)5.26666666666667 6.280e-01 2.134e-01 2.943 0.003260 **
## factor(unit)5.26923076923077 6.820e-01 1.845e-01 3.695 0.000221 ***
## factor(unit)5.28030303030303 6.034e-01 2.167e-01 2.785 0.005366 **
## factor(unit)5.28787878787879 6.174e-01 2.172e-01 2.842 0.004490 **
## factor(unit)5.28971962616822 6.324e-01 2.183e-01 2.897 0.003770 **
## factor(unit)5.29166666666667 5.446e-01 2.170e-01 2.509 0.012123 *
## factor(unit)5.29661016949153 5.718e-01 2.180e-01 2.623 0.008733 **
## factor(unit)5.30232558139535 6.214e-01 1.848e-01 3.362 0.000775 ***
## factor(unit)5.3047619047619 6.364e-01 2.164e-01 2.941 0.003276 **
## factor(unit)5.31818181818182 7.566e-01 2.178e-01 3.474 0.000515 ***
## factor(unit)5.33333333333333 6.343e-01 1.738e-01 3.649 0.000264 ***
## factor(unit)5.34042553191489 6.206e-01 2.168e-01 2.863 0.004212 **

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## factor(unit)5.34090909090909 5.535e-01 2.116e-01 2.616 0.008906 **
## factor(unit)5.34375 6.905e-01 2.177e-01 3.171 0.001523 **
## factor(unit)5.36363636363636 7.149e-01 1.738e-01 4.114 3.92e-05 ***
## factor(unit)5.38461538461539 5.243e-01 2.181e-01 2.404 0.016224 *
## factor(unit)5.38823529411765 4.775e-01 2.171e-01 2.199 0.027899 *
## factor(unit)5.39240506329114 6.179e-01 2.196e-01 2.814 0.004906 **
## factor(unit)5.39393939393939 7.508e-01 2.077e-01 3.614 0.000302 ***
## factor(unit)5.4 3.261e-01 2.191e-01 1.489 0.136626
## factor(unit)5.40196078431373 5.850e-01 2.138e-01 2.737 0.006220 **
## factor(unit)5.40677966101695 7.065e-01 2.101e-01 3.362 0.000775 ***
## factor(unit)5.42307692307692 6.178e-01 2.180e-01 2.834 0.004601 **
## factor(unit)5.43037974683544 5.877e-01 2.180e-01 2.696 0.007036 **
## factor(unit)5.43181818181818 6.266e-01 2.170e-01 2.888 0.003889 **
## factor(unit)5.43243243243243 6.452e-01 2.175e-01 2.966 0.003025 **
## factor(unit)5.44444444444444 7.070e-01 2.169e-01 3.259 0.001121 **
## factor(unit)5.4469696969697 7.790e-01 2.129e-01 3.659 0.000254 ***
## factor(unit)5.44736842105263 5.616e-01 2.184e-01 2.571 0.010155 *
## factor(unit)5.453125 6.562e-01 2.177e-01 3.014 0.002586 **
## factor(unit)5.45454545454545 6.468e-01 1.857e-01 3.483 0.000498 ***
## factor(unit)5.46153846153846 6.254e-01 2.175e-01 2.875 0.004050 **
## factor(unit)5.46666666666667 6.228e-01 2.194e-01 2.839 0.004541 **
## factor(unit)5.47368421052632 6.928e-01 2.171e-01 3.192 0.001419 **
## factor(unit)5.47457627118644 6.030e-01 2.173e-01 2.776 0.005518 **
## factor(unit)5.47727272727273 6.360e-01 1.839e-01 3.459 0.000544 ***
## factor(unit)5.49107142857143 7.466e-01 2.179e-01 3.426 0.000616 ***
## factor(unit)5.49230769230769 6.694e-01 2.182e-01 3.068 0.002157 **
## factor(unit)5.49438202247191 6.723e-01 2.176e-01 3.090 0.002005 **
## factor(unit)5.5 6.476e-01 1.660e-01 3.901 9.63e-05 ***
## factor(unit)5.51162790697674 5.577e-01 2.169e-01 2.571 0.010143 *
## factor(unit)5.51315789473684 6.319e-01 2.172e-01 2.909 0.003632 **
## factor(unit)5.51515151515152 6.553e-01 1.838e-01 3.565 0.000366 ***
## factor(unit)5.52040816326531 5.698e-01 2.183e-01 2.610 0.009070 **
## factor(unit)5.525 6.800e-01 2.185e-01 3.113 0.001859 **
## factor(unit)5.53125 7.245e-01 2.182e-01 3.321 0.000900 ***
## factor(unit)5.53260869565217 6.640e-01 2.180e-01 3.046 0.002325 **
## factor(unit)5.54455445544554 5.777e-01 2.184e-01 2.645 0.008182 **
## factor(unit)5.54545454545455 6.691e-01 1.849e-01 3.619 0.000297 ***
## factor(unit)5.5530303030303 5.029e-01 2.180e-01 2.307 0.021100 *
## factor(unit)5.55855855855856 6.174e-01 2.144e-01 2.879 0.003997 **
## factor(unit)5.56060606060606 5.692e-01 2.171e-01 2.622 0.008764 **
## factor(unit)5.5625 5.813e-01 1.743e-01 3.336 0.000854 ***
## factor(unit)5.56818181818182 6.397e-01 1.853e-01 3.452 0.000559 ***
## factor(unit)5.57142857142857 6.822e-01 1.840e-01 3.708 0.000210 ***
## factor(unit)5.58015267175572 5.250e-01 2.177e-01 2.412 0.015905 *
## factor(unit)5.59090909090909 7.393e-01 2.187e-01 3.381 0.000726 ***
## factor(unit)5.59405940594059 6.572e-01 2.151e-01 3.055 0.002256 **
## factor(unit)5.59615384615385 6.100e-01 2.180e-01 2.799 0.005143 **
## factor(unit)5.6 6.285e-01 2.179e-01 2.884 0.003933 **
## factor(unit)5.60416666666667 5.240e-01 2.184e-01 2.399 0.016446 *
## factor(unit)5.60606060606061 5.682e-01 2.184e-01 2.601 0.009300 **
## factor(unit)5.61111111111111 4.348e-01 2.116e-01 2.055 0.039929 *
## factor(unit)5.61538461538461 5.520e-01 2.172e-01 2.541 0.011059 *
## factor(unit)5.62025316455696 5.868e-01 2.181e-01 2.690 0.007159 **
## factor(unit)5.625 7.171e-01 2.186e-01 3.281 0.001039 **

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## factor(unit)5.62878787878788 5.571e-01 2.181e-01 2.555 0.010645 *
## factor(unit)5.62992125984252 6.118e-01 2.181e-01 2.804 0.005050 **
## factor(unit)5.632 7.086e-01 2.172e-01 3.262 0.001109 **
## factor(unit)5.63636363636364 5.460e-01 1.717e-01 3.181 0.001473 **
## factor(unit)5.64356435643564 5.706e-01 2.197e-01 2.598 0.009404 **
## factor(unit)5.64705882352941 5.768e-01 2.163e-01 2.667 0.007658 **
## factor(unit)5.65 7.817e-01 2.182e-01 3.582 0.000343 ***
## factor(unit)5.65116279069767 5.028e-01 2.177e-01 2.310 0.020900 *
## factor(unit)5.65217391304348 5.835e-01 2.180e-01 2.676 0.007458 **
## factor(unit)5.66666666666667 6.708e-01 1.703e-01 3.939 8.22e-05 ***
## factor(unit)5.671875 7.078e-01 2.180e-01 3.247 0.001170 **
## factor(unit)5.67326732673267 5.958e-01 2.169e-01 2.747 0.006026 **
## factor(unit)5.67441860465116 6.920e-01 2.194e-01 3.154 0.001615 **
## factor(unit)5.67796610169492 4.794e-01 2.186e-01 2.193 0.028316 *
## factor(unit)5.70454545454545 6.503e-01 2.093e-01 3.107 0.001898 **
## factor(unit)5.70731707317073 7.156e-01 2.184e-01 3.276 0.001056 **
## factor(unit)5.72727272727273 6.163e-01 1.854e-01 3.324 0.000892 ***
## factor(unit)5.73076923076923 6.444e-01 2.177e-01 2.960 0.003088 **
## factor(unit)5.7563025210084 6.468e-01 2.189e-01 2.955 0.003138 **
## factor(unit)5.77272727272727 5.984e-01 1.733e-01 3.454 0.000555 ***
## factor(unit)5.77358490566038 6.008e-01 2.182e-01 2.754 0.005898 **
## factor(unit)5.7741935483871 5.491e-01 2.192e-01 2.506 0.012236 *
## factor(unit)5.77551020408163 7.131e-01 2.182e-01 3.268 0.001088 **
## factor(unit)5.77777777777778 6.432e-01 2.193e-01 2.933 0.003367 **
## factor(unit)5.78125 6.645e-01 2.184e-01 3.042 0.002355 **
## factor(unit)5.78350515463918 5.747e-01 2.182e-01 2.633 0.008466 **
## factor(unit)5.7906976744186 5.957e-01 2.185e-01 2.727 0.006409 **
## factor(unit)5.8 5.585e-01 1.847e-01 3.024 0.002499 **
## factor(unit)5.8030303030303 6.138e-01 2.181e-01 2.814 0.004907 **
## factor(unit)5.80314960629921 5.118e-01 2.183e-01 2.344 0.019086 *
## factor(unit)5.80769230769231 5.796e-01 2.177e-01 2.663 0.007760 **
## factor(unit)5.80851063829787 7.590e-01 2.183e-01 3.477 0.000510 ***
## factor(unit)5.80952380952381 6.774e-01 2.187e-01 3.097 0.001960 **
## factor(unit)5.82352941176471 7.041e-01 2.119e-01 3.323 0.000892 ***
## factor(unit)5.82575757575758 6.462e-01 2.182e-01 2.961 0.003069 **
## factor(unit)5.82894736842105 6.169e-01 2.195e-01 2.810 0.004958 **
## factor(unit)5.83870967741935 5.205e-01 2.172e-01 2.397 0.016557 *
## factor(unit)5.84090909090909 7.112e-01 2.183e-01 3.259 0.001123 **
## factor(unit)5.85294117647059 6.446e-01 2.179e-01 2.959 0.003098 **
## factor(unit)5.85714285714286 7.694e-01 2.191e-01 3.512 0.000447 ***
## factor(unit)5.86363636363636 5.061e-01 2.183e-01 2.318 0.020452 *
## factor(unit)5.87121212121212 6.108e-01 2.183e-01 2.798 0.005156 **
## factor(unit)5.87155963302752 6.351e-01 2.176e-01 2.919 0.003518 **
## factor(unit)5.87179487179487 6.932e-01 2.180e-01 3.180 0.001476 **
## factor(unit)5.87272727272727 7.263e-01 2.193e-01 3.312 0.000931 ***
## factor(unit)5.87719298245614 7.286e-01 2.183e-01 3.338 0.000847 ***
## factor(unit)5.88034188034188 6.451e-01 2.182e-01 2.956 0.003121 **
## factor(unit)5.88461538461539 6.260e-01 2.186e-01 2.864 0.004190 **
## factor(unit)5.88636363636364 6.100e-01 2.187e-01 2.789 0.005289 **
## factor(unit)5.888 6.365e-01 2.182e-01 2.917 0.003538 **
## factor(unit)5.9 6.371e-01 1.861e-01 3.423 0.000622 ***
## factor(unit)5.90151515151515 5.931e-01 2.182e-01 2.718 0.006577 **
## factor(unit)5.90243902439024 8.432e-01 2.179e-01 3.870 0.000109 ***
## factor(unit)5.90625 6.036e-01 2.181e-01 2.767 0.005662 **

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## factor(unit)5.90909090909091 6.023e-01 2.167e-01 2.779 0.005457 **
## factor(unit)5.92105263157895 5.015e-01 2.125e-01 2.360 0.018319 *
## factor(unit)5.92307692307692 5.917e-01 2.133e-01 2.775 0.005536 **
## factor(unit)5.92424242424242 5.916e-01 2.181e-01 2.713 0.006681 **
## factor(unit)5.93023255813953 6.658e-01 2.184e-01 3.048 0.002310 **
## factor(unit)5.9304347826087 7.324e-01 2.183e-01 3.355 0.000796 ***
## factor(unit)5.93103448275862 6.323e-01 2.181e-01 2.899 0.003752 **
## factor(unit)5.93181818181818 6.616e-01 2.182e-01 3.032 0.002435 **
## factor(unit)5.93258426966292 6.151e-01 2.152e-01 2.858 0.004273 **
## factor(unit)5.9375 5.329e-01 2.178e-01 2.446 0.014447 *
## factor(unit)5.93939393939394 5.156e-01 2.183e-01 2.361 0.018227 *
## factor(unit)5.94230769230769 6.221e-01 2.182e-01 2.851 0.004365 **
## factor(unit)5.94339622641509 7.076e-01 2.183e-01 3.241 0.001196 **
## factor(unit)5.94782608695652 6.628e-01 2.182e-01 3.037 0.002396 **
## factor(unit)5.95 5.559e-01 2.185e-01 2.544 0.010967 *
## factor(unit)5.95495495495495 6.074e-01 2.167e-01 2.802 0.005084 **
## factor(unit)5.95798319327731 7.043e-01 2.168e-01 3.248 0.001166 **
## factor(unit)5.96052631578947 6.003e-01 2.185e-01 2.747 0.006020 **
## factor(unit)5.96875 6.103e-01 2.177e-01 2.804 0.005063 **
## factor(unit)5.96969696969697 7.277e-01 1.858e-01 3.917 9.04e-05 ***
## factor(unit)5.97029702970297 6.258e-01 2.166e-01 2.889 0.003868 **
## factor(unit)5.97368421052632 6.141e-01 1.838e-01 3.340 0.000840 ***
## factor(unit)5.97413793103448 6.872e-01 2.184e-01 3.147 0.001654 **
## factor(unit)5.98373983739837 6.211e-01 2.155e-01 2.882 0.003957 **
## factor(unit)5.98449612403101 5.891e-01 2.182e-01 2.700 0.006949 **
## factor(unit)5.99065420560748 5.426e-01 2.176e-01 2.493 0.012667 *
## factor(unit)6 6.277e-01 1.463e-01 4.290 1.80e-05 ***
## factor(unit)6.00757575757576 5.319e-01 2.170e-01 2.451 0.014247 *
## factor(unit)6.00990099009901 6.467e-01 2.169e-01 2.982 0.002872 **
## factor(unit)6.01075268817204 6.559e-01 2.182e-01 3.006 0.002657 **
## factor(unit)6.01538461538462 5.316e-01 2.191e-01 2.426 0.015281 *
## factor(unit)6.0188679245283 5.713e-01 2.182e-01 2.618 0.008845 **
## factor(unit)6.01923076923077 5.737e-01 2.176e-01 2.636 0.008396 **
## factor(unit)6.02272727272727 6.915e-01 2.182e-01 3.169 0.001533 **
## factor(unit)6.03030303030303 6.286e-01 2.174e-01 2.892 0.003839 **
## factor(unit)6.03125 5.368e-01 2.180e-01 2.463 0.013796 *
## factor(unit)6.03787878787879 6.487e-01 2.178e-01 2.979 0.002901 **
## factor(unit)6.04651162790698 5.326e-01 2.190e-01 2.432 0.015013 *
## factor(unit)6.04761904761905 6.630e-01 2.147e-01 3.088 0.002022 **
## factor(unit)6.05504587155963 6.367e-01 2.182e-01 2.918 0.003530 **
## factor(unit)6.05660377358491 6.429e-01 1.848e-01 3.479 0.000506 ***
## factor(unit)6.05681818181818 6.890e-01 2.162e-01 3.188 0.001439 **
## factor(unit)6.05882352941176 5.399e-01 2.166e-01 2.492 0.012711 *
## factor(unit)6.06329113924051 5.610e-01 2.168e-01 2.587 0.009691 **
## factor(unit)6.06382978723404 6.180e-01 2.170e-01 2.848 0.004404 **
## factor(unit)6.06818181818182 6.472e-01 2.181e-01 2.967 0.003014 **
## factor(unit)6.0695652173913 4.268e-01 2.127e-01 2.006 0.044877 *
## factor(unit)6.07563025210084 7.794e-01 2.181e-01 3.573 0.000355 ***
## factor(unit)6.07575757575758 6.632e-01 2.130e-01 3.114 0.001851 **
## factor(unit)6.07594936708861 6.628e-01 2.182e-01 3.037 0.002393 **
## factor(unit)6.07619047619048 6.053e-01 2.175e-01 2.783 0.005391 **
## factor(unit)6.07692307692308 6.931e-01 2.169e-01 3.195 0.001402 **
## factor(unit)6.07894736842105 4.655e-01 2.182e-01 2.134 0.032889 *
## factor(unit)6.09016393442623 5.350e-01 2.093e-01 2.557 0.010586 *

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## factor(unit)6.09090909090909 5.728e-01 2.174e-01 2.636 0.008413 **
## factor(unit)6.10227272727273 6.882e-01 2.182e-01 3.153 0.001619 **
## factor(unit)6.10344827586207 6.065e-01 2.183e-01 2.778 0.005483 **
## factor(unit)6.11 6.532e-01 2.194e-01 2.977 0.002922 **
## factor(unit)6.11392405063291 4.857e-01 2.182e-01 2.226 0.026063 *
## factor(unit)6.12280701754386 4.986e-01 2.177e-01 2.290 0.022056 *
## factor(unit)6.13636363636364 5.990e-01 1.857e-01 3.226 0.001258 **
## factor(unit)6.13821138211382 5.304e-01 2.180e-01 2.433 0.015009 *
## factor(unit)6.15 4.067e-01 2.187e-01 1.860 0.062968 .
## factor(unit)6.15151515151515 6.023e-01 2.185e-01 2.757 0.005851 **
## factor(unit)6.15178571428571 7.939e-01 2.172e-01 3.655 0.000258 ***
## factor(unit)6.15909090909091 5.913e-01 2.180e-01 2.713 0.006685 **
## factor(unit)6.16161616161616 7.782e-01 2.179e-01 3.572 0.000356 ***
## factor(unit)6.16981132075472 5.948e-01 2.169e-01 2.742 0.006118 **
## factor(unit)6.17241379310345 6.810e-01 2.178e-01 3.126 0.001777 **
## factor(unit)6.17391304347826 7.477e-01 2.188e-01 3.418 0.000634 ***
## factor(unit)6.17460317460317 6.383e-01 2.177e-01 2.931 0.003381 **
## factor(unit)6.18181818181818 6.394e-01 2.174e-01 2.941 0.003279 **
## factor(unit)6.1875 6.743e-01 2.186e-01 3.085 0.002044 **
## factor(unit)6.18811881188119 6.261e-01 2.180e-01 2.872 0.004087 **
## factor(unit)6.1953125 5.892e-01 2.184e-01 2.698 0.006986 **
## factor(unit)6.1969696969697 6.235e-01 2.121e-01 2.940 0.003285 **
## factor(unit)6.20388349514563 5.322e-01 2.173e-01 2.449 0.014341 *
## factor(unit)6.21649484536082 6.070e-01 2.179e-01 2.786 0.005343 **
## factor(unit)6.22131147540984 6.295e-01 2.174e-01 2.896 0.003787 **
## factor(unit)6.22448979591837 7.479e-01 2.194e-01 3.408 0.000656 ***
## factor(unit)6.23529411764706 5.433e-01 2.185e-01 2.487 0.012895 *
## factor(unit)6.23636363636364 4.839e-01 2.170e-01 2.230 0.025750 *
## factor(unit)6.24590163934426 5.579e-01 2.173e-01 2.567 0.010266 *
## factor(unit)6.25 5.252e-01 1.853e-01 2.835 0.004590 **
## factor(unit)6.25490196078431 4.961e-01 2.178e-01 2.278 0.022774 *
## factor(unit)6.25581395348837 6.413e-01 2.153e-01 2.979 0.002902 **
## factor(unit)6.25641025641026 5.607e-01 2.161e-01 2.595 0.009478 **
## factor(unit)6.25757575757576 6.086e-01 2.174e-01 2.800 0.005124 **
## factor(unit)6.26315789473684 4.473e-01 2.197e-01 2.036 0.041753 *
## factor(unit)6.27659574468085 6.187e-01 2.170e-01 2.851 0.004367 **
## factor(unit)6.28030303030303 5.953e-01 2.175e-01 2.738 0.006200 **
## factor(unit)6.2803738317757 7.964e-01 2.182e-01 3.650 0.000264 ***
## factor(unit)6.28125 5.409e-01 2.176e-01 2.486 0.012927 *
## factor(unit)6.28571428571429 7.422e-01 1.729e-01 4.293 1.78e-05 ***
## factor(unit)6.29203539823009 5.968e-01 2.194e-01 2.721 0.006523 **
## factor(unit)6.30232558139535 5.100e-01 2.187e-01 2.332 0.019736 *
## factor(unit)6.30263157894737 6.304e-01 2.198e-01 2.868 0.004144 **
## factor(unit)6.30379746835443 6.137e-01 2.187e-01 2.806 0.005025 **
## factor(unit)6.31818181818182 5.402e-01 1.832e-01 2.948 0.003205 **
## factor(unit)6.33333333333333 6.253e-01 2.094e-01 2.986 0.002831 **
## factor(unit)6.34177215189873 6.131e-01 1.844e-01 3.325 0.000886 ***
## factor(unit)6.34848484848485 6.066e-01 2.173e-01 2.792 0.005248 **
## factor(unit)6.3515625 6.942e-01 2.200e-01 3.156 0.001606 **
## factor(unit)6.35416666666667 5.596e-01 2.183e-01 2.564 0.010366 *
## factor(unit)6.36363636363636 6.375e-01 2.208e-01 2.887 0.003903 **
## factor(unit)6.36666666666667 6.571e-01 2.168e-01 3.031 0.002442 **
## factor(unit)6.37121212121212 6.587e-01 1.861e-01 3.539 0.000404 ***
## factor(unit)6.375 6.669e-01 1.841e-01 3.623 0.000293 ***

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## factor(unit)6.38333333333333 5.674e-01 2.176e-01 2.608 0.009130 **
## factor(unit)6.39230769230769 6.636e-01 2.177e-01 3.048 0.002308 **
## factor(unit)6.39285714285714 6.807e-01 2.169e-01 3.139 0.001703 **
## factor(unit)6.40594059405941 6.323e-01 2.178e-01 2.903 0.003702 **
## factor(unit)6.40909090909091 6.976e-01 1.837e-01 3.797 0.000148 ***
## factor(unit)6.41 5.270e-01 2.105e-01 2.503 0.012325 *
## factor(unit)6.41221374045802 5.945e-01 2.184e-01 2.723 0.006488 **
## factor(unit)6.43333333333333 5.390e-01 2.172e-01 2.482 0.013071 *
## factor(unit)6.43362831858407 6.022e-01 2.169e-01 2.776 0.005513 **
## factor(unit)6.44047619047619 6.097e-01 2.175e-01 2.804 0.005065 **
## factor(unit)6.44230769230769 6.233e-01 2.105e-01 2.961 0.003078 **
## factor(unit)6.45454545454545 6.237e-01 1.815e-01 3.437 0.000590 ***
## factor(unit)6.45669291338583 5.707e-01 2.172e-01 2.628 0.008605 **
## factor(unit)6.46511627906977 5.740e-01 2.170e-01 2.645 0.008173 **
## factor(unit)6.47222222222222 4.800e-01 1.848e-01 2.597 0.009413 **
## factor(unit)6.47826086956522 6.796e-01 2.202e-01 3.087 0.002027 **
## factor(unit)6.47887323943662 6.162e-01 2.190e-01 2.813 0.004911 **
## factor(unit)6.48214285714286 6.440e-01 2.109e-01 3.053 0.002270 **
## factor(unit)6.48275862068965 6.548e-01 2.210e-01 2.963 0.003055 **
## factor(unit)6.48351648351648 5.371e-01 2.174e-01 2.471 0.013500 *
## factor(unit)6.48484848484848 5.378e-01 2.142e-01 2.511 0.012066 *
## factor(unit)6.48514851485149 5.587e-01 2.166e-01 2.580 0.009904 **
## factor(unit)6.48780487804878 6.373e-01 2.184e-01 2.918 0.003532 **
## factor(unit)6.4950495049505 6.781e-01 2.191e-01 3.096 0.001969 **
## factor(unit)6.5 6.834e-01 1.860e-01 3.674 0.000240 ***
## factor(unit)6.51515151515152 4.882e-01 2.172e-01 2.248 0.024623 *
## factor(unit)6.51685393258427 5.162e-01 2.191e-01 2.356 0.018475 *
## factor(unit)6.51724137931035 8.405e-01 2.175e-01 3.863 0.000113 ***
## factor(unit)6.52631578947368 6.385e-01 1.819e-01 3.510 0.000451 ***
## factor(unit)6.52830188679245 5.697e-01 2.139e-01 2.664 0.007744 **
## factor(unit)6.52892561983471 6.792e-01 2.173e-01 3.126 0.001780 **
## factor(unit)6.53076923076923 5.619e-01 2.161e-01 2.601 0.009311 **
## factor(unit)6.5327868852459 5.682e-01 2.173e-01 2.615 0.008938 **
## factor(unit)6.53571428571429 6.261e-01 2.191e-01 2.858 0.004272 **
## factor(unit)6.54285714285714 6.851e-01 2.177e-01 3.147 0.001656 **
## factor(unit)6.54310344827586 7.334e-01 2.182e-01 3.361 0.000781 ***
## factor(unit)6.54545454545455 6.417e-01 1.738e-01 3.693 0.000223 ***
## factor(unit)6.54838709677419 7.024e-01 2.178e-01 3.225 0.001265 **
## factor(unit)6.55 6.086e-01 2.193e-01 2.775 0.005525 **
## factor(unit)6.5748031496063 6.798e-01 2.182e-01 3.115 0.001842 **
## factor(unit)6.57575757575758 6.749e-01 2.147e-01 3.143 0.001676 **
## factor(unit)6.57971014492754 5.695e-01 2.184e-01 2.608 0.009132 **
## factor(unit)6.58333333333333 5.964e-01 2.182e-01 2.734 0.006274 **
## factor(unit)6.58536585365854 6.642e-01 2.191e-01 3.032 0.002438 **
## factor(unit)6.59090909090909 6.283e-01 2.191e-01 2.868 0.004135 **
## factor(unit)6.6 6.949e-01 2.191e-01 3.172 0.001518 **
## factor(unit)6.60674157303371 5.192e-01 2.192e-01 2.369 0.017849 *
## factor(unit)6.61206896551724 6.983e-01 2.165e-01 3.226 0.001259 **
## factor(unit)6.62307692307692 5.764e-01 2.173e-01 2.653 0.007997 **
## factor(unit)6.625 7.806e-01 2.172e-01 3.594 0.000327 ***
## factor(unit)6.62962962962963 7.251e-01 2.187e-01 3.315 0.000918 ***
## factor(unit)6.63076923076923 6.108e-01 2.176e-01 2.807 0.005017 **
## factor(unit)6.63207547169811 7.370e-01 2.173e-01 3.392 0.000698 ***
## factor(unit)6.63846153846154 7.629e-01 2.195e-01 3.475 0.000512 ***

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## factor(unit)6.63934426229508 7.801e-01 2.168e-01 3.598 0.000323 ***
## factor(unit)6.64556962025316 6.249e-01 2.176e-01 2.872 0.004088 **
## factor(unit)6.65217391304348 5.829e-01 2.193e-01 2.658 0.007867 **
## factor(unit)6.65254237288136 6.737e-01 2.171e-01 3.103 0.001923 **
## factor(unit)6.65322580645161 6.324e-01 2.172e-01 2.912 0.003604 **
## factor(unit)6.65909090909091 5.716e-01 2.197e-01 2.602 0.009293 **
## factor(unit)6.66666666666667 6.246e-01 1.731e-01 3.608 0.000310 ***
## factor(unit)6.67441860465116 6.932e-01 2.167e-01 3.199 0.001384 **
## factor(unit)6.67567567567568 6.369e-01 2.172e-01 2.933 0.003368 **
## factor(unit)6.67605633802817 6.521e-01 2.176e-01 2.997 0.002734 **
## factor(unit)6.67857142857143 7.776e-01 2.192e-01 3.548 0.000390 ***
## factor(unit)6.68 7.979e-01 2.174e-01 3.671 0.000243 ***
## factor(unit)6.68181818181818 6.627e-01 1.727e-01 3.838 0.000125 ***
## factor(unit)6.68939393939394 5.815e-01 2.181e-01 2.666 0.007686 **
## factor(unit)6.6969696969697 6.376e-01 2.211e-01 2.883 0.003943 **
## factor(unit)6.69767441860465 7.160e-01 2.195e-01 3.261 0.001113 **
## factor(unit)6.71212121212121 6.090e-01 2.162e-01 2.817 0.004851 **
## factor(unit)6.71653543307087 6.073e-01 2.172e-01 2.797 0.005173 **
## factor(unit)6.72727272727273 6.379e-01 1.864e-01 3.422 0.000625 ***
## factor(unit)6.72972972972973 6.136e-01 2.163e-01 2.838 0.004556 **
## factor(unit)6.73333333333333 6.737e-01 2.166e-01 3.111 0.001869 **
## factor(unit)6.73684210526316 6.310e-01 2.189e-01 2.883 0.003945 **
## factor(unit)6.75 5.357e-01 2.201e-01 2.434 0.014956 *
## factor(unit)6.75700934579439 5.597e-01 2.182e-01 2.565 0.010338 *
## factor(unit)6.76056338028169 6.663e-01 2.184e-01 3.052 0.002282 **
## factor(unit)6.78048780487805 5.742e-01 2.188e-01 2.624 0.008700 **
## factor(unit)6.78378378378378 5.604e-01 1.884e-01 2.975 0.002937 **
## factor(unit)6.78899082568807 6.549e-01 1.772e-01 3.695 0.000221 ***
## factor(unit)6.8 6.709e-01 1.864e-01 3.599 0.000321 ***
## factor(unit)6.8030303030303 5.663e-01 2.101e-01 2.696 0.007028 **
## factor(unit)6.80869565217391 5.630e-01 2.137e-01 2.635 0.008438 **
## factor(unit)6.82178217821782 6.806e-01 2.179e-01 3.123 0.001797 **
## factor(unit)6.82539682539683 5.072e-01 2.176e-01 2.332 0.019743 *
## factor(unit)6.82575757575758 7.305e-01 2.205e-01 3.313 0.000925 ***
## factor(unit)6.8469387755102 7.043e-01 2.172e-01 3.243 0.001187 **
## factor(unit)6.85087719298246 5.005e-01 2.174e-01 2.303 0.021318 *
## factor(unit)6.86363636363636 5.335e-01 2.205e-01 2.419 0.015581 *
## factor(unit)6.86915887850467 6.251e-01 2.159e-01 2.896 0.003791 **
## factor(unit)6.87037037037037 4.126e-01 2.179e-01 1.893 0.058400 .
## factor(unit)6.875 6.467e-01 2.199e-01 2.941 0.003281 **
## factor(unit)6.87878787878788 7.155e-01 2.210e-01 3.238 0.001206 **
## factor(unit)6.88 6.206e-01 2.183e-01 2.843 0.004483 **
## factor(unit)6.88888888888889 5.373e-01 2.158e-01 2.489 0.012815 *
## factor(unit)6.89230769230769 7.176e-01 2.172e-01 3.304 0.000957 ***
## factor(unit)6.89393939393939 5.960e-01 2.183e-01 2.730 0.006337 **
## factor(unit)6.90476190476191 5.335e-01 2.173e-01 2.455 0.014099 *
## factor(unit)6.90909090909091 6.229e-01 1.666e-01 3.739 0.000186 ***
## factor(unit)6.91111111111111 7.305e-01 2.173e-01 3.361 0.000779 ***
## factor(unit)6.91428571428571 7.817e-01 2.169e-01 3.605 0.000314 ***
## factor(unit)6.91803278688525 6.097e-01 2.169e-01 2.810 0.004957 **
## factor(unit)6.92079207920792 7.051e-01 2.170e-01 3.249 0.001162 **
## factor(unit)6.92424242424242 5.782e-01 2.187e-01 2.644 0.008218 **
## factor(unit)6.92857142857143 6.372e-01 2.204e-01 2.892 0.003839 **
## factor(unit)6.93103448275862 5.793e-01 2.184e-01 2.652 0.008008 **

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## factor(unit)6.93181818181818 7.126e-01 2.157e-01 3.304 0.000957 ***
## factor(unit)6.93333333333333 6.105e-01 2.151e-01 2.838 0.004545 **
## factor(unit)6.93548387096774 6.467e-01 2.174e-01 2.975 0.002939 **
## factor(unit)6.93939393939394 5.853e-01 1.708e-01 3.426 0.000615 ***
## factor(unit)6.94117647058824 4.896e-01 2.199e-01 2.226 0.026041 *
## factor(unit)6.94230769230769 5.082e-01 2.171e-01 2.341 0.019251 *
## factor(unit)6.9469696969697 6.247e-01 2.170e-01 2.879 0.003997 **
## factor(unit)6.94736842105263 5.391e-01 2.192e-01 2.459 0.013932 *
## factor(unit)6.952 6.624e-01 2.170e-01 3.053 0.002272 **
## factor(unit)6.95652173913043 6.767e-01 2.193e-01 3.086 0.002032 **
## factor(unit)6.96116504854369 6.109e-01 2.182e-01 2.800 0.005121 **
## factor(unit)6.96124031007752 5.567e-01 2.170e-01 2.566 0.010296 *
## factor(unit)6.96969696969697 6.015e-01 2.170e-01 2.772 0.005574 **
## factor(unit)6.97391304347826 6.356e-01 2.166e-01 2.934 0.003355 **
## factor(unit)6.97777777777778 6.417e-01 2.174e-01 2.952 0.003167 **
## factor(unit)6.98666666666667 6.518e-01 2.172e-01 3.001 0.002700 **
## factor(unit)7 6.297e-01 1.445e-01 4.359 1.32e-05 ***
## factor(unit)7.01515151515152 5.563e-01 2.207e-01 2.520 0.011741 *
## factor(unit)7.01801801801802 6.200e-01 2.169e-01 2.858 0.004273 **
## factor(unit)7.02272727272727 7.164e-01 2.167e-01 3.306 0.000950 ***
## factor(unit)7.02325581395349 7.593e-01 1.860e-01 4.081 4.51e-05 ***
## factor(unit)7.04545454545455 6.760e-01 2.176e-01 3.107 0.001897 **
## factor(unit)7.04918032786885 5.978e-01 2.170e-01 2.755 0.005884 **
## factor(unit)7.05217391304348 5.961e-01 2.086e-01 2.857 0.004283 **
## factor(unit)7.05263157894737 5.626e-01 2.181e-01 2.580 0.009886 **
## factor(unit)7.05555555555556 6.859e-01 2.177e-01 3.151 0.001632 **
## factor(unit)7.06060606060606 6.563e-01 1.772e-01 3.704 0.000213 ***
## factor(unit)7.07575757575758 6.325e-01 2.169e-01 2.916 0.003558 **
## factor(unit)7.07692307692308 5.551e-01 2.207e-01 2.515 0.011931 *
## factor(unit)7.078125 6.253e-01 2.198e-01 2.845 0.004453 **
## factor(unit)7.08247422680412 6.789e-01 2.180e-01 3.114 0.001848 **
## factor(unit)7.08791208791209 6.479e-01 2.172e-01 2.983 0.002858 **
## factor(unit)7.09090909090909 6.228e-01 2.175e-01 2.864 0.004198 **
## factor(unit)7.1 5.813e-01 2.185e-01 2.660 0.007827 **
## factor(unit)7.10416666666667 5.430e-01 2.170e-01 2.502 0.012367 *
## factor(unit)7.10526315789474 5.748e-01 2.169e-01 2.650 0.008064 **
## factor(unit)7.10769230769231 5.735e-01 2.174e-01 2.638 0.008351 **
## factor(unit)7.11290322580645 5.361e-01 2.178e-01 2.461 0.013863 *
## factor(unit)7.11627906976744 4.803e-01 2.185e-01 2.198 0.027995 *
## factor(unit)7.12359550561798 7.111e-01 2.212e-01 3.215 0.001309 **
## factor(unit)7.125 6.736e-01 2.178e-01 3.093 0.001990 **
## factor(unit)7.13084112149533 4.638e-01 2.173e-01 2.134 0.032830 *
## factor(unit)7.13207547169811 6.361e-01 2.135e-01 2.980 0.002893 **
## factor(unit)7.13253012048193 5.636e-01 2.164e-01 2.605 0.009205 **
## factor(unit)7.13636363636364 6.654e-01 1.868e-01 3.562 0.000370 ***
## factor(unit)7.13924050632911 4.756e-01 2.177e-01 2.185 0.028932 *
## factor(unit)7.14393939393939 6.376e-01 2.171e-01 2.937 0.003322 **
## factor(unit)7.15178571428571 5.613e-01 2.097e-01 2.677 0.007440 **
## factor(unit)7.15909090909091 5.500e-01 2.170e-01 2.535 0.011272 *
## factor(unit)7.16279069767442 6.002e-01 2.174e-01 2.761 0.005772 **
## factor(unit)7.16363636363636 5.745e-01 2.190e-01 2.623 0.008721 **
## factor(unit)7.16822429906542 6.124e-01 2.167e-01 2.826 0.004716 **
## factor(unit)7.17391304347826 3.933e-01 2.169e-01 1.813 0.069860 .
## factor(unit)7.18811881188119 6.914e-01 1.868e-01 3.702 0.000215 ***

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## factor(unit)7.2 5.812e-01 2.169e-01 2.679 0.007392 **
## factor(unit)7.20454545454545 6.766e-01 1.741e-01 3.887 0.000102 ***
## factor(unit)7.21212121212121 6.571e-01 2.180e-01 3.014 0.002584 **
## factor(unit)7.21538461538462 6.301e-01 2.183e-01 2.887 0.003900 **
## factor(unit)7.22222222222222 6.124e-01 2.192e-01 2.794 0.005223 **
## factor(unit)7.225 5.227e-01 2.184e-01 2.393 0.016722 *
## factor(unit)7.22727272727273 6.652e-01 1.854e-01 3.589 0.000334 ***
## factor(unit)7.22857142857143 8.252e-01 2.097e-01 3.935 8.38e-05 ***
## factor(unit)7.23076923076923 6.332e-01 2.184e-01 2.900 0.003741 **
## factor(unit)7.23333333333333 9.209e-01 2.203e-01 4.180 2.95e-05 ***
## factor(unit)7.23684210526316 6.677e-01 2.161e-01 3.089 0.002012 **
## factor(unit)7.23853211009174 5.304e-01 2.132e-01 2.488 0.012871 *
## factor(unit)7.24324324324324 7.850e-01 2.180e-01 3.602 0.000317 ***
## factor(unit)7.24752475247525 6.632e-01 1.856e-01 3.574 0.000354 ***
## factor(unit)7.25 4.994e-01 2.176e-01 2.295 0.021763 *
## factor(unit)7.25757575757576 5.929e-01 2.131e-01 2.783 0.005401 **
## factor(unit)7.25974025974026 6.412e-01 2.176e-01 2.947 0.003215 **
## factor(unit)7.26168224299065 7.949e-01 2.123e-01 3.744 0.000182 ***
## factor(unit)7.27272727272727 5.924e-01 1.845e-01 3.211 0.001326 **
## factor(unit)7.28030303030303 5.414e-01 2.211e-01 2.448 0.014372 *
## factor(unit)7.28865979381443 6.073e-01 2.165e-01 2.805 0.005047 **
## factor(unit)7.29268292682927 7.104e-01 2.177e-01 3.264 0.001104 **
## factor(unit)7.29545454545455 6.001e-01 2.181e-01 2.752 0.005931 **
## factor(unit)7.29661016949153 6.111e-01 2.168e-01 2.818 0.004842 **
## factor(unit)7.29896907216495 6.346e-01 2.197e-01 2.888 0.003881 **
## factor(unit)7.30769230769231 4.628e-01 2.172e-01 2.131 0.033101 *
## factor(unit)7.31304347826087 6.766e-01 2.182e-01 3.101 0.001937 **
## factor(unit)7.31858407079646 6.442e-01 2.142e-01 3.007 0.002642 **
## factor(unit)7.33333333333333 6.762e-01 2.184e-01 3.096 0.001968 **
## factor(unit)7.33802816901408 5.834e-01 2.180e-01 2.676 0.007456 **
## factor(unit)7.34090909090909 5.857e-01 2.171e-01 2.698 0.006986 **
## factor(unit)7.34848484848485 6.151e-01 2.183e-01 2.818 0.004849 **
## factor(unit)7.3495145631068 5.975e-01 2.200e-01 2.716 0.006615 **
## factor(unit)7.35135135135135 5.779e-01 2.184e-01 2.645 0.008173 **
## factor(unit)7.352 6.534e-01 2.176e-01 3.003 0.002677 **
## factor(unit)7.35294117647059 6.280e-01 2.194e-01 2.862 0.004212 **
## factor(unit)7.35526315789474 6.828e-01 2.174e-01 3.141 0.001689 **
## factor(unit)7.35593220338983 7.301e-01 2.124e-01 3.437 0.000591 ***
## factor(unit)7.35714285714286 6.795e-01 2.214e-01 3.069 0.002156 **
## factor(unit)7.36144578313253 6.847e-01 2.158e-01 3.172 0.001516 **
## factor(unit)7.36363636363636 6.768e-01 2.186e-01 3.096 0.001966 **
## factor(unit)7.37121212121212 6.233e-01 2.184e-01 2.854 0.004327 **
## factor(unit)7.37142857142857 5.638e-01 2.202e-01 2.560 0.010477 *
## factor(unit)7.375 6.862e-01 1.834e-01 3.742 0.000184 ***
## factor(unit)7.37735849056604 5.592e-01 2.170e-01 2.577 0.009994 **
## factor(unit)7.38461538461539 6.486e-01 2.113e-01 3.070 0.002145 **
## factor(unit)7.38775510204082 6.600e-01 2.212e-01 2.984 0.002854 **
## factor(unit)7.390625 7.299e-01 2.207e-01 3.307 0.000947 ***
## factor(unit)7.39130434782609 6.294e-01 2.188e-01 2.877 0.004024 **
## factor(unit)7.40425531914894 5.600e-01 2.182e-01 2.567 0.010278 *
## factor(unit)7.40540540540541 5.676e-01 2.170e-01 2.616 0.008913 **
## factor(unit)7.40909090909091 6.020e-01 2.117e-01 2.844 0.004471 **
## factor(unit)7.41121495327103 6.298e-01 2.172e-01 2.900 0.003742 **
## factor(unit)7.41538461538462 7.046e-01 2.171e-01 3.246 0.001175 **

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## factor(unit)7.41666666666667 7.180e-01 2.169e-01 3.311 0.000935 ***
## factor(unit)7.42424242424242 6.333e-01 2.217e-01 2.857 0.004286 **
## factor(unit)7.42857142857143 6.048e-01 1.729e-01 3.498 0.000471 ***
## factor(unit)7.43243243243243 7.675e-01 2.188e-01 3.507 0.000455 ***
## factor(unit)7.43939393939394 6.558e-01 2.199e-01 2.983 0.002864 **
## factor(unit)7.44554455445545 6.784e-01 2.170e-01 3.127 0.001773 **
## factor(unit)7.45454545454545 7.097e-01 2.171e-01 3.269 0.001085 **
## factor(unit)7.45528455284553 6.767e-01 2.118e-01 3.196 0.001399 **
## factor(unit)7.46511627906977 8.350e-01 2.167e-01 3.854 0.000117 ***
## factor(unit)7.47692307692308 5.791e-01 2.217e-01 2.612 0.009007 **
## factor(unit)7.47899159663866 6.180e-01 2.209e-01 2.798 0.005149 **
## factor(unit)7.48514851485149 6.521e-01 2.182e-01 2.989 0.002808 **
## factor(unit)7.48780487804878 5.100e-01 2.169e-01 2.351 0.018732 *
## factor(unit)7.4950495049505 6.444e-01 2.154e-01 2.992 0.002778 **
## factor(unit)7.5 5.815e-01 1.553e-01 3.745 0.000181 ***
## factor(unit)7.50485436893204 6.477e-01 2.214e-01 2.926 0.003447 **
## factor(unit)7.5049504950495 6.628e-01 2.209e-01 3.000 0.002703 **
## factor(unit)7.52100840336134 5.763e-01 2.152e-01 2.677 0.007431 **
## factor(unit)7.52631578947368 6.006e-01 2.170e-01 2.768 0.005650 **
## factor(unit)7.52941176470588 7.365e-01 2.212e-01 3.330 0.000872 ***
## factor(unit)7.53271028037383 6.466e-01 2.179e-01 2.968 0.003009 **
## factor(unit)7.53488372093023 6.465e-01 2.181e-01 2.964 0.003048 **
## factor(unit)7.536 5.812e-01 2.184e-01 2.662 0.007783 **
## factor(unit)7.54545454545455 5.489e-01 1.771e-01 3.099 0.001949 **
## factor(unit)7.55140186915888 7.102e-01 2.193e-01 3.239 0.001204 **
## factor(unit)7.55555555555556 6.986e-01 1.760e-01 3.968 7.29e-05 ***
## factor(unit)7.55737704918033 7.609e-01 2.179e-01 3.491 0.000483 ***
## factor(unit)7.5625 6.826e-01 2.196e-01 3.108 0.001889 **
## factor(unit)7.57894736842105 5.593e-01 2.186e-01 2.558 0.010528 *
## factor(unit)7.58620689655172 6.108e-01 2.175e-01 2.809 0.004983 **
## factor(unit)7.5983606557377 7.099e-01 2.183e-01 3.253 0.001147 **
## factor(unit)7.6 6.258e-01 1.684e-01 3.716 0.000203 ***
## factor(unit)7.60606060606061 5.691e-01 2.180e-01 2.611 0.009046 **
## factor(unit)7.60629921259843 5.224e-01 2.172e-01 2.405 0.016180 *
## factor(unit)7.61363636363636 6.637e-01 2.198e-01 3.019 0.002541 **
## factor(unit)7.62385321100917 5.302e-01 2.172e-01 2.441 0.014662 *
## factor(unit)7.63636363636364 6.664e-01 1.875e-01 3.553 0.000382 ***
## factor(unit)7.64406779661017 6.681e-01 2.196e-01 3.042 0.002357 **
## factor(unit)7.65 6.914e-01 2.197e-01 3.147 0.001654 **
## factor(unit)7.65909090909091 6.769e-01 1.731e-01 3.911 9.25e-05 ***
## factor(unit)7.66379310344828 6.384e-01 2.205e-01 2.896 0.003790 **
## factor(unit)7.66666666666667 6.912e-01 1.680e-01 4.115 3.90e-05 ***
## factor(unit)7.67424242424242 6.257e-01 2.200e-01 2.844 0.004464 **
## factor(unit)7.6969696969697 7.340e-01 2.218e-01 3.310 0.000937 ***
## factor(unit)7.71900826446281 6.750e-01 2.171e-01 3.109 0.001884 **
## factor(unit)7.71969696969697 6.822e-01 2.169e-01 3.146 0.001661 **
## factor(unit)7.72566371681416 7.286e-01 2.124e-01 3.431 0.000604 ***
## factor(unit)7.72727272727273 5.852e-01 2.131e-01 2.746 0.006039 **
## factor(unit)7.73333333333333 5.887e-01 2.219e-01 2.653 0.007996 **
## factor(unit)7.73469387755102 5.545e-01 2.175e-01 2.550 0.010790 *
## factor(unit)7.73484848484848 5.879e-01 2.205e-01 2.666 0.007698 **
## factor(unit)7.73584905660377 7.147e-01 2.187e-01 3.268 0.001086 **
## factor(unit)7.73684210526316 3.959e-01 2.094e-01 1.891 0.058674 .
## factor(unit)7.74747474747475 6.239e-01 2.218e-01 2.813 0.004919 **

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## factor(unit)7.74789915966387 6.235e-01 2.166e-01 2.878 0.004012 **
## factor(unit)7.75 6.798e-01 1.869e-01 3.638 0.000277 ***
## factor(unit)7.75949367088608 5.905e-01 2.171e-01 2.719 0.006554 **
## factor(unit)7.76271186440678 6.394e-01 1.834e-01 3.486 0.000492 ***
## factor(unit)7.76666666666667 6.254e-01 2.205e-01 2.836 0.004580 **
## factor(unit)7.76923076923077 6.617e-01 2.198e-01 3.011 0.002611 **
## factor(unit)7.77631578947368 6.336e-01 2.184e-01 2.901 0.003731 **
## factor(unit)7.77685950413223 5.461e-01 2.146e-01 2.545 0.010938 *
## factor(unit)7.78030303030303 6.227e-01 1.822e-01 3.419 0.000632 ***
## factor(unit)7.78217821782178 6.261e-01 2.183e-01 2.868 0.004145 **
## factor(unit)7.78640776699029 5.680e-01 1.849e-01 3.071 0.002137 **
## factor(unit)7.79545454545455 5.809e-01 2.151e-01 2.700 0.006945 **
## factor(unit)7.8 6.879e-01 1.729e-01 3.977 7.02e-05 ***
## factor(unit)7.81730769230769 6.083e-01 2.210e-01 2.752 0.005935 **
## factor(unit)7.81818181818182 6.211e-01 1.720e-01 3.611 0.000307 ***
## factor(unit)7.82786885245902 5.655e-01 2.165e-01 2.612 0.009018 **
## factor(unit)7.83168316831683 6.692e-01 2.187e-01 3.060 0.002218 **
## factor(unit)7.832 5.422e-01 2.179e-01 2.488 0.012856 *
## factor(unit)7.8411214953271 5.954e-01 2.169e-01 2.745 0.006063 **
## factor(unit)7.84269662921348 6.825e-01 2.176e-01 3.137 0.001712 **
## factor(unit)7.8448275862069 6.199e-01 2.142e-01 2.894 0.003809 **
## factor(unit)7.84745762711864 6.116e-01 2.188e-01 2.796 0.005190 **
## factor(unit)7.84848484848485 5.804e-01 2.180e-01 2.662 0.007788 **
## factor(unit)7.85 8.326e-01 2.188e-01 3.805 0.000143 ***
## factor(unit)7.85148514851485 6.818e-01 2.175e-01 3.135 0.001724 **
## factor(unit)7.85567010309278 5.790e-01 2.188e-01 2.646 0.008151 **
## factor(unit)7.86585365853659 6.869e-01 2.208e-01 3.112 0.001866 **
## factor(unit)7.86885245901639 5.824e-01 2.148e-01 2.711 0.006720 **
## factor(unit)7.8695652173913 4.789e-01 2.144e-01 2.234 0.025526 *
## factor(unit)7.875 6.208e-01 2.170e-01 2.861 0.004238 **
## factor(unit)7.87878787878788 5.118e-01 2.213e-01 2.313 0.020759 *
## factor(unit)7.89473684210526 6.360e-01 2.113e-01 3.010 0.002616 **
## factor(unit)7.90151515151515 6.449e-01 1.837e-01 3.511 0.000448 ***
## factor(unit)7.90322580645161 6.832e-01 2.156e-01 3.168 0.001538 **
## factor(unit)7.90909090909091 6.721e-01 1.806e-01 3.721 0.000200 ***
## factor(unit)7.91139240506329 6.136e-01 2.172e-01 2.824 0.004747 **
## factor(unit)7.92173913043478 6.609e-01 2.186e-01 3.024 0.002505 **
## factor(unit)7.92424242424242 6.565e-01 1.850e-01 3.548 0.000390 ***
## factor(unit)7.92727272727273 5.504e-01 2.177e-01 2.528 0.011488 *
## factor(unit)7.93023255813953 5.987e-01 2.173e-01 2.755 0.005878 **
## factor(unit)7.93548387096774 4.954e-01 2.216e-01 2.236 0.025380 *
## factor(unit)7.93939393939394 5.546e-01 2.170e-01 2.556 0.010599 *
## factor(unit)7.94059405940594 6.803e-01 2.191e-01 3.105 0.001907 **
## factor(unit)7.94117647058824 6.277e-01 2.158e-01 2.909 0.003635 **
## factor(unit)7.95238095238095 7.489e-01 2.119e-01 3.534 0.000411 ***
## factor(unit)7.95744680851064 6.429e-01 2.173e-01 2.958 0.003103 **
## factor(unit)7.96212121212121 6.710e-01 2.219e-01 3.024 0.002497 **
## factor(unit)7.96703296703297 6.163e-01 2.183e-01 2.823 0.004770 **
## factor(unit)7.9672131147541 6.846e-01 2.170e-01 3.154 0.001615 **
## factor(unit)7.96923076923077 6.146e-01 2.190e-01 2.807 0.005012 **
## factor(unit)7.96969696969697 5.566e-01 2.170e-01 2.564 0.010352 *
## factor(unit)7.97647058823529 6.186e-01 2.222e-01 2.784 0.005387 **
## factor(unit)7.98360655737705 6.131e-01 2.119e-01 2.893 0.003820 **
## factor(unit)7.99242424242424 5.529e-01 2.174e-01 2.543 0.011003 *

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## factor(unit)8 6.454e-01 1.519e-01 4.249 2.17e-05 ***
## factor(unit)8.02127659574468 5.790e-01 2.173e-01 2.665 0.007709 **
## factor(unit)8.02272727272727 6.268e-01 2.160e-01 2.903 0.003709 **
## factor(unit)8.03174603174603 6.068e-01 2.072e-01 2.928 0.003414 **
## factor(unit)8.03448275862069 7.023e-01 2.221e-01 3.162 0.001570 **
## factor(unit)8.03571428571429 6.237e-01 2.221e-01 2.808 0.004992 **
## factor(unit)8.04347826086956 6.510e-01 2.189e-01 2.974 0.002950 **
## factor(unit)8.04545454545454 5.324e-01 2.216e-01 2.402 0.016313 *
## factor(unit)8.05263157894737 6.246e-01 2.176e-01 2.870 0.004111 **
## factor(unit)8.0625 6.733e-01 2.176e-01 3.095 0.001975 **
## factor(unit)8.06818181818182 6.855e-01 2.211e-01 3.100 0.001937 **
## factor(unit)8.06849315068493 5.896e-01 2.166e-01 2.722 0.006496 **
## factor(unit)8.06896551724138 6.850e-01 2.178e-01 3.144 0.001669 **
## factor(unit)8.07692307692308 1.210e+00 2.179e-01 5.553 2.89e-08 ***
## factor(unit)8.09090909090909 5.999e-01 1.729e-01 3.471 0.000522 ***
## factor(unit)8.09848484848485 5.841e-01 2.169e-01 2.693 0.007087 **
## factor(unit)8.10588235294118 6.560e-01 2.205e-01 2.975 0.002935 **
## factor(unit)8.10606060606061 5.805e-01 1.870e-01 3.104 0.001916 **
## factor(unit)8.11363636363636 5.226e-01 2.209e-01 2.366 0.017988 *
## factor(unit)8.125 6.960e-01 2.178e-01 3.196 0.001398 **
## factor(unit)8.13636363636364 6.217e-01 1.880e-01 3.307 0.000946 ***
## factor(unit)8.14285714285714 6.895e-01 2.200e-01 3.134 0.001728 **
## factor(unit)8.14782608695652 5.047e-01 2.172e-01 2.323 0.020192 *
## factor(unit)8.15596330275229 7.832e-01 2.169e-01 3.611 0.000306 ***
## factor(unit)8.15909090909091 6.257e-01 1.852e-01 3.378 0.000733 ***
## factor(unit)8.16260162601626 6.673e-01 2.091e-01 3.192 0.001419 **
## factor(unit)8.16279069767442 8.157e-01 2.221e-01 3.672 0.000242 ***
## factor(unit)8.16379310344828 6.811e-01 2.169e-01 3.139 0.001698 **
## factor(unit)8.16535433070866 6.278e-01 2.074e-01 3.027 0.002474 **
## factor(unit)8.17391304347826 7.169e-01 2.213e-01 3.239 0.001202 **
## factor(unit)8.18803418803419 6.213e-01 2.109e-01 2.946 0.003223 **
## factor(unit)8.19047619047619 5.506e-01 2.199e-01 2.504 0.012306 *
## factor(unit)8.19607843137255 6.210e-01 2.167e-01 2.865 0.004174 **
## factor(unit)8.1965811965812 6.347e-01 2.199e-01 2.887 0.003899 **
## factor(unit)8.19736842105263 6.099e-01 2.160e-01 2.823 0.004768 **
## factor(unit)8.2 5.253e-01 2.089e-01 2.514 0.011946 *
## factor(unit)8.20833333333333 6.311e-01 2.186e-01 2.887 0.003903 **
## factor(unit)8.21212121212121 6.212e-01 1.747e-01 3.555 0.000380 ***
## factor(unit)8.22608695652174 6.662e-01 2.189e-01 3.043 0.002348 **
## factor(unit)8.22727272727273 6.277e-01 1.858e-01 3.379 0.000730 ***
## factor(unit)8.23076923076923 5.179e-01 1.851e-01 2.799 0.005141 **
## factor(unit)8.23880597014925 6.440e-01 2.182e-01 2.952 0.003168 **
## factor(unit)8.24576271186441 6.605e-01 2.193e-01 3.011 0.002608 **
## factor(unit)8.25 5.868e-01 1.623e-01 3.617 0.000300 ***
## factor(unit)8.26612903225806 6.289e-01 2.096e-01 3.000 0.002704 **
## factor(unit)8.27272727272727 6.725e-01 2.120e-01 3.173 0.001515 **
## factor(unit)8.275 4.808e-01 2.181e-01 2.204 0.027528 *
## factor(unit)8.28030303030303 6.389e-01 2.109e-01 3.030 0.002453 **
## factor(unit)8.28155339805825 6.668e-01 2.177e-01 3.063 0.002199 **
## factor(unit)8.28703703703704 7.071e-01 2.178e-01 3.246 0.001174 **
## factor(unit)8.28947368421053 5.847e-01 2.187e-01 2.674 0.007507 **
## factor(unit)8.29545454545454 6.397e-01 1.858e-01 3.443 0.000577 ***
## factor(unit)8.29787234042553 5.672e-01 2.192e-01 2.588 0.009675 **
## factor(unit)8.3030303030303 5.249e-01 2.109e-01 2.489 0.012841 *

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## factor(unit)8.30434782608696 5.708e-01 2.098e-01 2.720 0.006534 **
## factor(unit)8.31645569620253 6.888e-01 2.143e-01 3.214 0.001314 **
## factor(unit)8.31914893617021 5.827e-01 2.179e-01 2.674 0.007506 **
## factor(unit)8.32575757575758 7.112e-01 1.845e-01 3.856 0.000116 ***
## factor(unit)8.32786885245902 5.503e-01 2.221e-01 2.478 0.013235 *
## factor(unit)8.328 6.860e-01 2.162e-01 3.173 0.001515 **
## factor(unit)8.33333333333333 6.480e-01 1.628e-01 3.981 6.91e-05 ***
## factor(unit)8.33846153846154 6.591e-01 2.195e-01 3.002 0.002690 **
## factor(unit)8.35606060606061 6.487e-01 2.206e-01 2.940 0.003289 **
## factor(unit)8.36363636363636 4.494e-01 2.164e-01 2.077 0.037864 *
## factor(unit)8.37333333333333 6.733e-01 2.217e-01 3.037 0.002394 **
## factor(unit)8.37373737373737 7.302e-01 2.161e-01 3.378 0.000732 ***
## factor(unit)8.38202247191011 6.710e-01 2.178e-01 3.081 0.002068 **
## factor(unit)8.38636363636364 5.871e-01 1.855e-01 3.166 0.001551 **
## factor(unit)8.39130434782609 6.196e-01 2.214e-01 2.798 0.005151 **
## factor(unit)8.39230769230769 6.036e-01 2.221e-01 2.718 0.006577 **
## factor(unit)8.39370078740157 6.828e-01 2.177e-01 3.137 0.001712 **
## factor(unit)8.41095890410959 5.853e-01 2.180e-01 2.685 0.007268 **
## factor(unit)8.41666666666667 6.991e-01 2.123e-01 3.293 0.000995 ***
## factor(unit)8.41935483870968 5.462e-01 2.125e-01 2.571 0.010170 *
## factor(unit)8.42424242424242 5.431e-01 2.187e-01 2.483 0.013044 *
## factor(unit)8.43181818181818 6.763e-01 2.212e-01 3.057 0.002243 **
## factor(unit)8.44444444444444 6.747e-01 1.861e-01 3.625 0.000291 ***
## factor(unit)8.4468085106383 6.593e-01 2.222e-01 2.967 0.003017 **
## factor(unit)8.44954128440367 5.797e-01 2.112e-01 2.744 0.006073 **
## factor(unit)8.45454545454546 6.168e-01 2.186e-01 2.821 0.004796 **
## factor(unit)8.45544554455446 5.698e-01 2.205e-01 2.584 0.009793 **
## factor(unit)8.45614035087719 5.134e-01 2.157e-01 2.380 0.017350 *
## factor(unit)8.45679012345679 5.655e-01 2.170e-01 2.606 0.009165 **
## factor(unit)8.45801526717557 6.572e-01 2.222e-01 2.958 0.003099 **
## factor(unit)8.45901639344262 6.276e-01 2.216e-01 2.832 0.004637 **
## factor(unit)8.46808510638298 6.239e-01 2.191e-01 2.848 0.004409 **
## factor(unit)8.47619047619048 6.361e-01 2.139e-01 2.974 0.002944 **
## factor(unit)8.47727272727273 6.034e-01 2.135e-01 2.827 0.004713 **
## factor(unit)8.48214285714286 6.449e-01 2.157e-01 2.989 0.002802 **
## factor(unit)8.48387096774194 6.012e-01 2.165e-01 2.776 0.005508 **
## factor(unit)8.48484848484848 5.908e-01 1.788e-01 3.304 0.000957 ***
## factor(unit)8.49056603773585 6.653e-01 2.182e-01 3.049 0.002299 **
## factor(unit)8.5 6.359e-01 2.215e-01 2.871 0.004100 **
## factor(unit)8.50961538461539 6.651e-01 2.168e-01 3.067 0.002166 **
## factor(unit)8.51 6.401e-01 2.186e-01 2.928 0.003424 **
## factor(unit)8.52427184466019 7.777e-01 2.215e-01 3.512 0.000447 ***
## factor(unit)8.53488372093023 8.800e-01 2.177e-01 4.042 5.35e-05 ***
## factor(unit)8.54545454545454 5.842e-01 2.193e-01 2.665 0.007721 **
## factor(unit)8.55769230769231 6.452e-01 2.141e-01 3.014 0.002586 **
## factor(unit)8.56976744186047 5.512e-01 2.157e-01 2.556 0.010613 *
## factor(unit)8.576 7.463e-01 2.150e-01 3.471 0.000521 ***
## factor(unit)8.58333333333333 5.735e-01 2.145e-01 2.674 0.007501 **
## factor(unit)8.58490566037736 6.208e-01 2.150e-01 2.887 0.003893 **
## factor(unit)8.59090909090909 5.900e-01 2.158e-01 2.734 0.006271 **
## factor(unit)8.59493670886076 6.117e-01 2.144e-01 2.854 0.004333 **
## factor(unit)8.5974025974026 6.774e-01 2.147e-01 3.156 0.001607 **
## factor(unit)8.59848484848485 5.969e-01 2.187e-01 2.729 0.006359 **
## factor(unit)8.6 4.453e-01 1.856e-01 2.399 0.016477 *

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## factor(unit)8.60683760683761 7.786e-01 2.176e-01 3.578 0.000347 ***
## factor(unit)8.61971830985915 7.058e-01 2.215e-01 3.186 0.001445 **
## factor(unit)8.62121212121212 5.643e-01 2.187e-01 2.580 0.009892 **
## factor(unit)8.63265306122449 7.019e-01 2.174e-01 3.228 0.001250 **
## factor(unit)8.63636363636364 6.524e-01 2.143e-01 3.045 0.002335 **
## factor(unit)8.64615384615385 6.407e-01 2.107e-01 3.040 0.002369 **
## factor(unit)8.64705882352941 4.931e-01 2.109e-01 2.338 0.019418 *
## factor(unit)8.64935064935065 6.546e-01 2.174e-01 3.011 0.002612 **
## factor(unit)8.65656565656566 6.821e-01 2.134e-01 3.196 0.001399 **
## factor(unit)8.65909090909091 7.019e-01 2.207e-01 3.180 0.001479 **
## factor(unit)8.66197183098592 6.522e-01 2.182e-01 2.989 0.002802 **
## factor(unit)8.66666666666667 7.197e-01 1.624e-01 4.431 9.46e-06 ***
## factor(unit)8.68 5.299e-01 2.117e-01 2.503 0.012325 *
## factor(unit)8.69230769230769 5.780e-01 1.798e-01 3.215 0.001311 **
## factor(unit)8.7037037037037 6.256e-01 2.125e-01 2.944 0.003247 **
## factor(unit)8.70642201834862 5.106e-01 2.090e-01 2.443 0.014584 *
## factor(unit)8.71653543307087 5.967e-01 2.094e-01 2.849 0.004388 **
## factor(unit)8.74257425742574 6.112e-01 2.133e-01 2.865 0.004176 **
## factor(unit)8.75308641975309 6.149e-01 2.172e-01 2.831 0.004644 **
## factor(unit)8.75409836065574 6.039e-01 1.862e-01 3.244 0.001183 **
## factor(unit)8.75423728813559 6.643e-01 2.190e-01 3.034 0.002419 **
## factor(unit)8.75510204081633 7.224e-01 2.136e-01 3.382 0.000722 ***
## factor(unit)8.76377952755906 7.148e-01 2.096e-01 3.411 0.000650 ***
## factor(unit)8.76470588235294 6.944e-01 2.169e-01 3.202 0.001370 **
## factor(unit)8.77272727272727 5.187e-01 1.780e-01 2.915 0.003569 **
## factor(unit)8.78787878787879 6.347e-01 2.117e-01 2.998 0.002721 **
## factor(unit)8.79439252336449 7.037e-01 2.173e-01 3.238 0.001208 **
## factor(unit)8.79545454545454 6.658e-01 1.820e-01 3.658 0.000255 ***
## factor(unit)8.796875 7.440e-01 2.205e-01 3.374 0.000742 ***
## factor(unit)8.79816513761468 6.511e-01 1.720e-01 3.786 0.000154 ***
## factor(unit)8.8021978021978 5.839e-01 2.105e-01 2.773 0.005557 **
## factor(unit)8.80555555555556 6.186e-01 2.106e-01 2.937 0.003317 **
## factor(unit)8.81818181818182 6.576e-01 2.185e-01 3.010 0.002615 **
## factor(unit)8.82677165354331 6.336e-01 2.167e-01 2.924 0.003468 **
## factor(unit)8.83132530120482 6.770e-01 2.126e-01 3.184 0.001459 **
## factor(unit)8.83333333333333 5.940e-01 2.098e-01 2.831 0.004650 **
## factor(unit)8.8375 6.760e-01 2.194e-01 3.081 0.002065 **
## factor(unit)8.84090909090909 5.993e-01 2.179e-01 2.751 0.005952 **
## factor(unit)8.84347826086957 6.847e-01 2.167e-01 3.160 0.001584 **
## factor(unit)8.84848484848485 5.586e-01 2.210e-01 2.527 0.011514 *
## factor(unit)8.8494623655914 5.423e-01 2.167e-01 2.502 0.012362 *
## factor(unit)8.88888888888889 6.474e-01 2.171e-01 2.982 0.002867 **
## factor(unit)8.8952380952381 5.425e-01 2.193e-01 2.474 0.013372 *
## factor(unit)8.9 5.321e-01 2.191e-01 2.429 0.015161 *
## factor(unit)8.90909090909091 6.779e-01 2.067e-01 3.280 0.001042 **
## factor(unit)8.91803278688525 6.336e-01 2.182e-01 2.903 0.003702 **
## factor(unit)8.91954022988506 5.849e-01 2.130e-01 2.746 0.006047 **
## factor(unit)8.92241379310345 6.974e-01 2.093e-01 3.333 0.000864 ***
## factor(unit)8.92523364485981 6.017e-01 2.160e-01 2.786 0.005347 **
## factor(unit)8.93103448275862 8.198e-01 2.175e-01 3.769 0.000165 ***
## factor(unit)8.93181818181818 6.032e-01 1.728e-01 3.490 0.000486 ***
## factor(unit)8.93333333333333 6.716e-01 2.172e-01 3.092 0.001994 **
## factor(unit)8.93518518518519 7.232e-01 2.176e-01 3.324 0.000890 ***
## factor(unit)8.93939393939394 7.937e-01 2.187e-01 3.629 0.000286 ***

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## factor(unit)8.94782608695652 7.322e-01 2.091e-01 3.501 0.000465 ***
## factor(unit)8.96 5.645e-01 2.181e-01 2.588 0.009676 **
## factor(unit)8.96428571428571 5.177e-01 2.155e-01 2.403 0.016301 *
## factor(unit)8.96460176991151 5.846e-01 2.094e-01 2.792 0.005246 **
## factor(unit)8.97727272727273 6.451e-01 1.855e-01 3.478 0.000508 ***
## factor(unit)8.98019801980198 6.773e-01 2.171e-01 3.120 0.001815 **
## factor(unit)9 6.085e-01 1.330e-01 4.577 4.79e-06 ***
## factor(unit)9.00757575757576 6.686e-01 2.094e-01 3.193 0.001413 **
## factor(unit)9.008 6.308e-01 2.157e-01 2.924 0.003460 **
## factor(unit)9.01515151515152 6.535e-01 2.099e-01 3.114 0.001851 **
## factor(unit)9.02247191011236 6.865e-01 2.101e-01 3.268 0.001089 **
## factor(unit)9.02272727272727 6.106e-01 2.183e-01 2.797 0.005175 **
## factor(unit)9.02564102564103 6.333e-01 2.175e-01 2.912 0.003597 **
## factor(unit)9.03787878787879 6.820e-01 2.094e-01 3.257 0.001129 **
## factor(unit)9.03883495145631 5.840e-01 2.176e-01 2.684 0.007294 **
## factor(unit)9.05217391304348 5.769e-01 2.179e-01 2.648 0.008111 **
## factor(unit)9.06060606060606 6.132e-01 2.171e-01 2.825 0.004740 **
## factor(unit)9.0625 5.824e-01 2.206e-01 2.641 0.008286 **
## factor(unit)9.06818181818182 6.897e-01 2.094e-01 3.293 0.000993 ***
## factor(unit)9.0752688172043 7.299e-01 2.175e-01 3.356 0.000794 ***
## factor(unit)9.08 6.243e-01 2.197e-01 2.842 0.004490 **
## factor(unit)9.11363636363636 6.515e-01 2.203e-01 2.958 0.003105 **
## factor(unit)9.11382113821138 5.966e-01 2.105e-01 2.834 0.004604 **
## factor(unit)9.11450381679389 6.049e-01 2.094e-01 2.888 0.003880 **
## factor(unit)9.125 5.490e-01 2.197e-01 2.499 0.012485 *
## factor(unit)9.13333333333333 5.729e-01 2.175e-01 2.634 0.008440 **
## factor(unit)9.1340206185567 6.759e-01 2.193e-01 3.082 0.002059 **
## factor(unit)9.13636363636364 6.317e-01 2.099e-01 3.010 0.002618 **
## factor(unit)9.13953488372093 6.513e-01 2.214e-01 2.942 0.003266 **
## factor(unit)9.14285714285714 6.757e-01 2.136e-01 3.164 0.001560 **
## factor(unit)9.15151515151515 6.215e-01 1.806e-01 3.442 0.000579 ***
## factor(unit)9.15384615384615 5.914e-01 2.175e-01 2.718 0.006573 **
## factor(unit)9.1578947368421 6.985e-01 2.207e-01 3.165 0.001557 **
## factor(unit)9.16129032258065 5.893e-01 2.223e-01 2.651 0.008042 **
## factor(unit)9.16666666666667 6.765e-01 1.902e-01 3.556 0.000378 ***
## factor(unit)9.17021276595745 7.687e-01 2.161e-01 3.558 0.000376 ***
## factor(unit)9.176 5.710e-01 2.198e-01 2.598 0.009395 **
## factor(unit)9.17829457364341 4.957e-01 2.173e-01 2.281 0.022545 *
## factor(unit)9.18939393939394 6.610e-01 2.183e-01 3.027 0.002473 **
## factor(unit)9.19417475728155 5.396e-01 2.132e-01 2.530 0.011409 *
## factor(unit)9.20353982300885 6.908e-01 2.184e-01 3.163 0.001565 **
## factor(unit)9.22033898305085 6.589e-01 1.848e-01 3.565 0.000366 ***
## factor(unit)9.22222222222222 6.849e-01 2.171e-01 3.154 0.001613 **
## factor(unit)9.225 6.677e-01 2.121e-01 3.149 0.001644 **
## factor(unit)9.22727272727273 5.770e-01 1.613e-01 3.578 0.000348 ***
## factor(unit)9.22772272727273 6.277e-01 2.177e-01 2.883 0.003947 **
## factor(unit)9.23008849557522 6.496e-01 2.064e-01 3.147 0.001654 **
## factor(unit)9.23529411764706 6.964e-01 2.128e-01 3.272 0.001071 **
## factor(unit)9.24242424242424 5.856e-01 1.780e-01 3.291 0.001002 **
## factor(unit)9.24793388429752 5.515e-01 2.166e-01 2.546 0.010901 *
## factor(unit)9.25 6.151e-01 1.718e-01 3.580 0.000345 ***
## factor(unit)9.26530612244898 6.647e-01 2.197e-01 3.026 0.002485 **
## factor(unit)9.26771653543307 6.164e-01 2.076e-01 2.970 0.002989 **
## factor(unit)9.27272727272727 5.404e-01 2.177e-01 2.482 0.013080 *

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## factor(unit)9.27692307692308 6.145e-01 2.167e-01 2.836 0.004580 **
## factor(unit)9.29411764705882 5.440e-01 2.190e-01 2.484 0.013001 *
## factor(unit)9.3010752688172 6.300e-01 2.131e-01 2.957 0.003117 **
## factor(unit)9.30208333333333 6.025e-01 2.158e-01 2.792 0.005252 **
## factor(unit)9.31818181818182 6.245e-01 2.198e-01 2.841 0.004506 **
## factor(unit)9.32038834951456 4.904e-01 2.193e-01 2.236 0.025347 *
## factor(unit)9.3302752293578 7.188e-01 2.086e-01 3.445 0.000573 ***
## factor(unit)9.33333333333333 5.137e-01 1.779e-01 2.888 0.003887 **
## factor(unit)9.33898305084746 6.539e-01 2.164e-01 3.022 0.002517 **
## factor(unit)9.33962264150943 5.900e-01 2.168e-01 2.722 0.006504 **
## factor(unit)9.34090909090909 5.823e-01 2.184e-01 2.666 0.007679 **
## factor(unit)9.34343434343434 7.021e-01 2.179e-01 3.222 0.001278 **
## factor(unit)9.34545454545455 6.020e-01 2.200e-01 2.737 0.006218 **
## factor(unit)9.34848484848485 5.689e-01 2.122e-01 2.681 0.007359 **
## factor(unit)9.35606060606061 5.583e-01 2.135e-01 2.616 0.008921 **
## factor(unit)9.35643564356436 6.788e-01 2.171e-01 3.126 0.001774 **
## factor(unit)9.36363636363636 6.159e-01 1.866e-01 3.301 0.000968 ***
## factor(unit)9.37606837606838 6.295e-01 2.126e-01 2.961 0.003073 **
## factor(unit)9.39393939393939 6.307e-01 1.815e-01 3.474 0.000515 ***
## factor(unit)9.4 6.268e-01 2.207e-01 2.840 0.004520 **
## factor(unit)9.408 5.566e-01 2.203e-01 2.526 0.011543 *
## factor(unit)9.41025641025641 6.474e-01 2.179e-01 2.971 0.002980 **
## factor(unit)9.41666666666667 6.784e-01 1.803e-01 3.762 0.000170 ***
## factor(unit)9.421875 7.363e-01 2.151e-01 3.424 0.000621 ***
## factor(unit)9.42647058823529 6.818e-01 2.171e-01 3.141 0.001689 **
## factor(unit)9.43103448275862 7.062e-01 2.170e-01 3.254 0.001140 **
## factor(unit)9.43181818181818 6.178e-01 2.107e-01 2.932 0.003374 **
## factor(unit)9.43478260869565 5.707e-01 1.715e-01 3.327 0.000881 ***
## factor(unit)9.45689655172414 7.495e-01 2.179e-01 3.440 0.000584 ***
## factor(unit)9.47692307692308 5.749e-01 2.218e-01 2.591 0.009571 **
## factor(unit)9.47727272727273 6.398e-01 2.210e-01 2.895 0.003796 **
## factor(unit)9.4811320754717 6.754e-01 2.174e-01 3.107 0.001894 **
## factor(unit)9.48484848484848 5.292e-01 1.770e-01 2.989 0.002808 **
## factor(unit)9.48623853211009 6.144e-01 2.173e-01 2.828 0.004697 **
## factor(unit)9.5 5.149e-01 1.847e-01 2.788 0.005317 **
## factor(unit)9.50819672131148 6.280e-01 2.200e-01 2.855 0.004318 **
## factor(unit)9.51456310679612 5.985e-01 2.202e-01 2.718 0.006581 **
## factor(unit)9.52272727272727 6.870e-01 2.110e-01 3.256 0.001133 **
## factor(unit)9.54237288135593 7.171e-01 2.180e-01 3.290 0.001005 **
## factor(unit)9.54545454545454 6.390e-01 1.843e-01 3.467 0.000528 ***
## factor(unit)9.54838709677419 6.025e-01 2.175e-01 2.770 0.005620 **
## factor(unit)9.56880733944954 6.664e-01 2.165e-01 3.079 0.002085 **
## factor(unit)9.57142857142857 6.365e-01 1.812e-01 3.512 0.000446 ***
## factor(unit)9.57575757575758 6.524e-01 2.192e-01 2.977 0.002922 **
## factor(unit)9.58461538461538 5.847e-01 2.168e-01 2.697 0.007001 **
## factor(unit)9.58510638297872 6.516e-01 2.191e-01 2.974 0.002946 **
## factor(unit)9.58715596330275 6.665e-01 2.202e-01 3.027 0.002476 **
## factor(unit)9.62244897959184 4.938e-01 2.173e-01 2.272 0.023089 *
## factor(unit)9.625 5.745e-01 2.156e-01 2.664 0.007723 **
## factor(unit)9.63013698630137 5.444e-01 2.170e-01 2.509 0.012134 *
## factor(unit)9.63157894736842 6.881e-01 2.098e-01 3.279 0.001044 **
## factor(unit)9.63559322033898 5.365e-01 2.173e-01 2.469 0.013563 *
## factor(unit)9.63779527559055 6.322e-01 2.191e-01 2.885 0.003917 **
## factor(unit)9.66071428571429 7.695e-01 2.168e-01 3.549 0.000389 ***

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## factor(unit)9.66666666666667 6.050e-01 2.155e-01 2.807 0.005012 **
## factor(unit)9.68085106382979 8.334e-01 2.193e-01 3.800 0.000146 ***
## factor(unit)9.68181818181818 6.690e-01 2.100e-01 3.186 0.001447 **
## factor(unit)9.68852459016393 7.179e-01 2.073e-01 3.463 0.000537 ***
## factor(unit)9.69230769230769 7.241e-01 2.196e-01 3.297 0.000981 ***
## factor(unit)9.6969696969697 6.642e-01 2.174e-01 3.056 0.002251 **
## factor(unit)9.7012987012987 5.951e-01 2.143e-01 2.777 0.005492 **
## factor(unit)9.70833333333333 4.934e-01 2.123e-01 2.324 0.020145 *
## factor(unit)9.72727272727273 6.497e-01 2.191e-01 2.965 0.003032 **
## factor(unit)9.72881355932203 5.589e-01 2.061e-01 2.712 0.006709 **
## factor(unit)9.73333333333333 5.380e-01 2.163e-01 2.487 0.012893 *
## factor(unit)9.73417721518987 7.323e-01 2.190e-01 3.344 0.000830 ***
## factor(unit)9.7378640776699 6.446e-01 2.192e-01 2.941 0.003282 **
## factor(unit)9.74242424242424 6.074e-01 2.101e-01 2.891 0.003853 **
## factor(unit)9.75 6.400e-01 1.862e-01 3.438 0.000589 ***
## factor(unit)9.76237623762376 7.503e-01 2.171e-01 3.456 0.000551 ***
## factor(unit)9.76543209876543 5.376e-01 2.227e-01 2.414 0.015786 *
## factor(unit)9.77011494252874 5.945e-01 2.159e-01 2.754 0.005893 **
## factor(unit)9.7710843373494 5.229e-01 2.169e-01 2.411 0.015944 *
## factor(unit)9.77272727272727 6.573e-01 2.168e-01 3.032 0.002440 **
## factor(unit)9.77966101694915 6.990e-01 2.199e-01 3.179 0.001484 **
## factor(unit)9.78846153846154 6.082e-01 2.171e-01 2.801 0.005099 **
## factor(unit)9.7906976744186 5.278e-01 2.155e-01 2.449 0.014333 *
## factor(unit)9.7910447761194 6.271e-01 2.154e-01 2.911 0.003611 **
## factor(unit)9.8 4.127e-01 1.837e-01 2.247 0.024673 *
## factor(unit)9.80530973451327 7.460e-01 2.187e-01 3.411 0.000650 ***
## factor(unit)9.8125 3.766e-01 2.116e-01 1.779 0.075191 .
## factor(unit)9.81538461538462 6.585e-01 2.194e-01 3.001 0.002695 **
## factor(unit)9.81666666666667 5.824e-01 2.073e-01 2.809 0.004978 **
## factor(unit)9.81739130434783 6.170e-01 2.126e-01 2.903 0.003707 **
## factor(unit)9.81818181818182 6.485e-01 1.856e-01 3.494 0.000477 ***
## factor(unit)9.82258064516129 6.078e-01 2.186e-01 2.781 0.005434 **
## factor(unit)9.82758620689655 6.009e-01 2.082e-01 2.886 0.003915 **
## factor(unit)9.84375 5.626e-01 2.133e-01 2.638 0.008344 **
## factor(unit)9.86363636363636 7.124e-01 2.198e-01 3.241 0.001196 **
## factor(unit)9.86666666666667 6.381e-01 2.184e-01 2.922 0.003484 **
## factor(unit)9.86868686868687 5.454e-01 2.180e-01 2.502 0.012375 *
## factor(unit)9.87128712871287 6.686e-01 2.158e-01 3.098 0.001952 **
## factor(unit)9.87804878048781 7.030e-01 2.195e-01 3.203 0.001366 **
## factor(unit)9.88793103448276 7.079e-01 2.187e-01 3.238 0.001209 **
## factor(unit)9.90163934426229 6.518e-01 2.104e-01 3.098 0.001952 **
## factor(unit)9.90625 6.003e-01 2.173e-01 2.762 0.005747 **
## factor(unit)9.91304347826087 5.995e-01 2.227e-01 2.691 0.007130 **
## factor(unit)9.91666666666667 5.238e-01 2.061e-01 2.542 0.011032 *
## factor(unit)9.92307692307692 4.364e-01 2.189e-01 1.994 0.046162 *
## factor(unit)9.92424242424242 6.079e-01 2.197e-01 2.767 0.005670 **
## factor(unit)9.93693693693694 6.387e-01 2.100e-01 3.041 0.002365 **
## factor(unit)9.93939393939394 5.614e-01 2.197e-01 2.555 0.010633 *
## factor(unit)9.94117647058824 4.842e-01 2.155e-01 2.247 0.024652 *
## factor(unit)9.96153846153846 6.592e-01 2.180e-01 3.024 0.002502 **
## factor(unit)9.97196261682243 6.373e-01 2.215e-01 2.878 0.004013 **
## factor(unit)9.97637795275591 5.681e-01 2.052e-01 2.769 0.005641 **
## factor(unit)9.97727272727273 6.363e-01 2.102e-01 3.027 0.002479 **
## factor(unit)9.98019801980198 6.488e-01 2.175e-01 2.983 0.002864 **

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## factor(unit)9.99242424242424 6.225e-01 1.854e-01 3.358 0.000787 ***
## factor(unit)10 6.459e-01 1.483e-01 4.356 1.34e-05 ***
## factor(unit)10.030303030303 5.505e-01 1.777e-01 3.097 0.001959 **
## factor(unit)10.0350877192982 5.877e-01 2.148e-01 2.736 0.006228 **
## factor(unit)10.063829787234 6.202e-01 2.175e-01 2.852 0.004358 **
## factor(unit)10.0666666666667 5.381e-01 2.096e-01 2.567 0.010264 *
## factor(unit)10.0714285714286 5.561e-01 2.196e-01 2.533 0.011329 *
## factor(unit)10.0757575757576 5.823e-01 2.215e-01 2.629 0.008583 **
## factor(unit)10.0825688073394 6.137e-01 1.849e-01 3.318 0.000909 ***
## factor(unit)10.0833333333333 6.467e-01 1.783e-01 3.627 0.000289 ***
## factor(unit)10.0869565217391 6.172e-01 2.157e-01 2.861 0.004235 **
## factor(unit)10.1 7.578e-01 2.194e-01 3.454 0.000554 ***
## factor(unit)10.1136363636364 6.743e-01 1.738e-01 3.880 0.000105 ***
## factor(unit)10.1176470588235 7.726e-01 2.195e-01 3.520 0.000433 ***
## factor(unit)10.1212121212121 5.809e-01 2.085e-01 2.786 0.005344 **
## factor(unit)10.1470588235294 7.012e-01 2.178e-01 3.219 0.001291 **
## factor(unit)10.1509433962264 4.828e-01 2.216e-01 2.179 0.029374 *
## factor(unit)10.1574074074074 5.733e-01 2.176e-01 2.634 0.008447 **
## factor(unit)10.16 7.620e-01 2.221e-01 3.431 0.000604 ***
## factor(unit)10.1666666666667 6.682e-01 2.099e-01 3.183 0.001464 **
## factor(unit)10.168 5.322e-01 1.858e-01 2.865 0.004176 **
## factor(unit)10.1688311688312 6.460e-01 2.113e-01 3.057 0.002241 **
## factor(unit)10.1702127659574 5.675e-01 2.196e-01 2.585 0.009755 **
## factor(unit)10.1969696969697 6.967e-01 2.061e-01 3.380 0.000728 ***
## factor(unit)10.2 5.925e-01 2.152e-01 2.753 0.005909 **
## factor(unit)10.2066115702479 7.549e-01 2.063e-01 3.659 0.000254 ***
## factor(unit)10.2121212121212 6.940e-01 2.188e-01 3.172 0.001521 **
## factor(unit)10.2213740458015 6.095e-01 2.170e-01 2.809 0.004975 **
## factor(unit)10.2272727272727 5.857e-01 2.224e-01 2.634 0.008463 **
## factor(unit)10.2428571428571 8.073e-01 2.176e-01 3.710 0.000208 ***
## factor(unit)10.25 3.817e-01 2.188e-01 1.745 0.081065 .
## factor(unit)10.2527472527473 5.181e-01 2.172e-01 2.386 0.017071 *
## factor(unit)10.2651515151515 5.972e-01 2.193e-01 2.723 0.006489 **
## factor(unit)10.2698412698413 5.889e-01 2.186e-01 2.695 0.007059 **
## factor(unit)10.2857142857143 5.641e-01 1.839e-01 3.068 0.002159 **
## factor(unit)10.2873563218391 7.686e-01 2.178e-01 3.529 0.000419 ***
## factor(unit)10.2894736842105 5.500e-01 2.163e-01 2.542 0.011031 *
## factor(unit)10.3 7.437e-01 2.104e-01 3.534 0.000411 ***
## factor(unit)10.3030303030303 6.755e-01 2.169e-01 3.115 0.001846 **
## factor(unit)10.3291139240506 6.237e-01 2.117e-01 2.946 0.003227 **
## factor(unit)10.3465346534653 6.327e-01 2.182e-01 2.900 0.003741 **
## factor(unit)10.3488372093023 7.511e-01 1.854e-01 4.052 5.12e-05 ***
## factor(unit)10.3552631578947 5.541e-01 2.186e-01 2.534 0.011285 *
## factor(unit)10.3560606060606 5.639e-01 2.061e-01 2.736 0.006231 **
## factor(unit)10.3636363636364 6.840e-01 1.827e-01 3.745 0.000182 ***
## factor(unit)10.375 7.366e-01 2.172e-01 3.391 0.000698 ***
## factor(unit)10.3781512605042 7.293e-01 2.194e-01 3.324 0.000890 ***
## factor(unit)10.3846153846154 6.005e-01 2.195e-01 2.736 0.006238 **
## factor(unit)10.3939393939394 6.352e-01 1.397e-01 4.548 5.47e-06 ***
## factor(unit)10.4 5.667e-01 2.193e-01 2.584 0.009791 **
## factor(unit)10.4090909090909 6.752e-01 1.580e-01 4.273 1.95e-05 ***
## factor(unit)10.4117647058824 5.380e-01 1.851e-01 2.907 0.003659 **
## factor(unit)10.4166666666667 6.829e-01 2.171e-01 3.146 0.001660 **
## factor(unit)10.4175824175824 6.599e-01 2.150e-01 3.070 0.002149 **

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## factor(unit)10.4188034188034 5.609e-01 2.147e-01 2.613 0.008987 **
## factor(unit)10.4210526315789 5.525e-01 2.183e-01 2.530 0.011413 *
## factor(unit)10.4242424242424 6.365e-01 2.169e-01 2.935 0.003345 **
## factor(unit)10.4259259259259 5.298e-01 2.172e-01 2.440 0.014725 *
## factor(unit)10.4262295081967 5.218e-01 2.152e-01 2.425 0.015344 *
## factor(unit)10.4285714285714 6.414e-01 2.163e-01 2.966 0.003026 **
## factor(unit)10.4308943089431 6.048e-01 2.103e-01 2.876 0.004033 **
## factor(unit)10.4318181818182 5.390e-01 2.158e-01 2.498 0.012511 *
## factor(unit)10.4587155963303 6.095e-01 2.202e-01 2.768 0.005643 **
## factor(unit)10.4615384615385 6.849e-01 2.184e-01 3.137 0.001714 **
## factor(unit)10.4651162790698 5.312e-01 2.192e-01 2.424 0.015386 *
## factor(unit)10.48 6.958e-01 2.196e-01 3.169 0.001535 **
## factor(unit)10.4907407407407 6.514e-01 2.194e-01 2.969 0.002994 **
## factor(unit)10.4954128440367 6.822e-01 2.203e-01 3.097 0.001961 **
## factor(unit)10.5 7.979e-01 1.872e-01 4.262 2.05e-05 ***
## factor(unit)10.508064516129 6.706e-01 2.184e-01 3.071 0.002143 **
## factor(unit)10.5241935483871 6.465e-01 2.185e-01 2.959 0.003096 **
## factor(unit)10.5275590551181 5.192e-01 2.057e-01 2.524 0.011605 *
## factor(unit)10.5378787878788 6.376e-01 2.059e-01 3.096 0.001966 **
## factor(unit)10.5384615384615 5.627e-01 2.049e-01 2.746 0.006046 **
## factor(unit)10.5681818181818 5.808e-01 2.050e-01 2.833 0.004626 **
## factor(unit)10.5909090909091 6.164e-01 2.181e-01 2.826 0.004722 **
## factor(unit)10.592 6.843e-01 2.181e-01 3.138 0.001706 **
## factor(unit)10.6 5.084e-01 2.175e-01 2.337 0.019435 *
## factor(unit)10.6041666666667 6.065e-01 2.218e-01 2.734 0.006260 **
## factor(unit)10.6086956521739 6.858e-01 2.096e-01 3.272 0.001071 **
## factor(unit)10.609375 6.253e-01 1.707e-01 3.663 0.000250 ***
## factor(unit)10.6124031007752 7.900e-01 2.049e-01 3.856 0.000116 ***
## factor(unit)10.6212121212121 6.770e-01 2.051e-01 3.302 0.000965 ***
## factor(unit)10.6287878787879 5.768e-01 2.192e-01 2.631 0.008518 **
## factor(unit)10.6338028169014 4.508e-01 2.219e-01 2.031 0.042236 *
## factor(unit)10.6363636363636 6.114e-01 1.819e-01 3.361 0.000778 ***
## factor(unit)10.6451612903226 6.195e-01 2.073e-01 2.988 0.002816 **
## factor(unit)10.6515151515152 6.550e-01 2.051e-01 3.194 0.001408 **
## factor(unit)10.6615384615385 5.829e-01 2.084e-01 2.797 0.005163 **
## factor(unit)10.6666666666667 5.240e-01 2.153e-01 2.434 0.014970 *
## factor(unit)10.6704545454545 7.005e-01 2.176e-01 3.219 0.001289 **
## factor(unit)10.68 5.865e-01 2.115e-01 2.773 0.005564 **
## factor(unit)10.6818181818182 5.959e-01 2.166e-01 2.751 0.005954 **
## factor(unit)10.685393258427 5.753e-01 2.168e-01 2.654 0.007965 **
## factor(unit)10.6893939393939 5.635e-01 2.051e-01 2.748 0.006015 **
## factor(unit)10.6896551724138 6.381e-01 1.828e-01 3.491 0.000483 ***
## factor(unit)10.6923076923077 7.046e-01 2.172e-01 3.243 0.001185 **
## factor(unit)10.6976744186047 7.734e-01 2.210e-01 3.499 0.000469 ***
## factor(unit)10.6979166666667 7.816e-01 2.175e-01 3.594 0.000327 ***
## factor(unit)10.7045454545455 6.469e-01 2.051e-01 3.154 0.001613 **
## factor(unit)10.7066666666667 5.859e-01 2.138e-01 2.741 0.006139 **
## factor(unit)10.7102803738318 6.215e-01 2.191e-01 2.837 0.004568 **
## factor(unit)10.7142857142857 6.514e-01 2.154e-01 3.024 0.002498 **
## factor(unit)10.71875 5.604e-01 2.116e-01 2.648 0.008099 **
## factor(unit)10.719696969697 7.140e-01 2.191e-01 3.259 0.001123 **
## factor(unit)10.7230769230769 5.696e-01 2.055e-01 2.772 0.005578 **
## factor(unit)10.7314814814815 6.529e-01 2.148e-01 3.039 0.002380 **
## factor(unit)10.7415730337079 5.831e-01 2.199e-01 2.651 0.008029 **

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## factor(unit)10.75      6.049e-01  1.807e-01  3.348 0.000817 ***
## factor(unit)10.7596153846154 6.840e-01  2.170e-01  3.153 0.001623 **
## factor(unit)10.7654320987654 6.445e-01  2.187e-01  2.947 0.003221 **
## factor(unit)10.7672413793103 6.743e-01  2.171e-01  3.106 0.001900 **
## factor(unit)10.7676767676768 7.587e-01  2.186e-01  3.471 0.000520 ***
## factor(unit)10.7692307692308 6.251e-01  2.055e-01  3.041 0.002362 **
## factor(unit)10.7727272727273 7.072e-01  1.713e-01  4.129 3.68e-05 ***
## factor(unit)10.7878787878788 7.371e-01  2.168e-01  3.399 0.000679 ***
## factor(unit)10.7954545454545 6.886e-01  2.201e-01  3.128 0.001764 **
## factor(unit)10.8019801980198 6.537e-01  2.128e-01  3.073 0.002128 **
## factor(unit)10.8041237113402 5.693e-01  2.202e-01  2.585 0.009745 **
## factor(unit)10.8070175438596 7.263e-01  2.169e-01  3.349 0.000814 ***
## factor(unit)10.8217821782178 6.790e-01  2.173e-01  3.125 0.001785 **
## factor(unit)10.8333333333333 7.090e-01  2.108e-01  3.364 0.000772 ***
## factor(unit)10.8372093023256 6.244e-01  2.200e-01  2.838 0.004543 **
## factor(unit)10.8395061728395 5.724e-01  2.162e-01  2.648 0.008112 **
## factor(unit)10.8421052631579 5.541e-01  2.200e-01  2.518 0.011810 *
## factor(unit)10.8560606060606 6.914e-01  2.169e-01  3.188 0.001440 **
## factor(unit)10.8684210526316 7.022e-01  2.213e-01  3.174 0.001509 **
## factor(unit)10.8712121212121 6.635e-01  2.114e-01  3.138 0.001705 **
## factor(unit)10.8727272727273 6.203e-01  2.148e-01  2.888 0.003890 **
## factor(unit)10.8787878787879 7.512e-01  2.208e-01  3.402 0.000670 ***
## factor(unit)10.8863636363636 6.977e-01  2.170e-01  3.215 0.001309 **
## factor(unit)10.8947368421053 6.838e-01  2.191e-01  3.121 0.001806 **
## factor(unit)10.895652173913 6.183e-01  2.076e-01  2.978 0.002909 **
## factor(unit)10.9      5.417e-01  2.198e-01  2.465 0.013733 *
## factor(unit)10.9035087719298 7.178e-01  2.158e-01  3.326 0.000884 ***
## factor(unit)10.9047619047619 6.421e-01  2.154e-01  2.981 0.002877 **
## factor(unit)10.9072164948454 6.146e-01  2.167e-01  2.836 0.004571 **
## factor(unit)10.9090909090909 6.728e-01  1.837e-01  3.663 0.000250 ***
## factor(unit)10.9148936170213 6.751e-01  2.202e-01  3.066 0.002172 **
## factor(unit)10.9156626506024 5.830e-01  2.203e-01  2.646 0.008158 **
## factor(unit)10.9158878504673 4.935e-01  2.168e-01  2.276 0.022887 *
## factor(unit)10.9178082191781 5.757e-01  2.180e-01  2.641 0.008291 **
## factor(unit)10.9240506329114 7.419e-01  2.222e-01  3.339 0.000845 ***
## factor(unit)10.9242424242424 6.067e-01  1.281e-01  4.737 2.20e-06 ***
## factor(unit)10.9375     6.819e-01  2.201e-01  3.099 0.001949 **
## factor(unit)10.9393939393939 5.840e-01  2.200e-01  2.655 0.007937 **
## factor(unit)10.95      5.307e-01  2.181e-01  2.434 0.014958 *
## factor(unit)10.9545454545455 7.763e-01  2.211e-01  3.511 0.000448 ***
## factor(unit)10.9565217391304 6.345e-01  2.168e-01  2.927 0.003427 **
## factor(unit)10.9621212121212 8.046e-01  2.161e-01  3.724 0.000197 ***
## factor(unit)10.9673913043478 5.444e-01  2.051e-01  2.654 0.007969 **
## factor(unit)10.969696969697 6.496e-01  2.169e-01  2.995 0.002748 **
## factor(unit)10.9873417721519 7.336e-01  2.210e-01  3.319 0.000906 ***
## factor(unit)10.9923664122137 5.871e-01  1.705e-01  3.443 0.000578 ***
## factor(unit)10.9924242424242 6.181e-01  2.071e-01  2.985 0.002843 **
## factor(unit)11      6.456e-01  1.443e-01  4.474 7.75e-06 ***
## factor(unit)11.0075757575758 6.765e-01  2.150e-01  3.146 0.001659 **
## factor(unit)11.0096153846154 6.715e-01  2.197e-01  3.057 0.002241 **
## factor(unit)11.019801980198 5.567e-01  2.183e-01  2.550 0.010772 *
## factor(unit)11.021978021978 4.952e-01  2.188e-01  2.263 0.023638 *
## factor(unit)11.0227272727273 6.004e-01  2.168e-01  2.769 0.005638 **
## factor(unit)11.0277777777778 6.033e-01  2.208e-01  2.732 0.006309 **

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## factor(unit)11.0280373831776 7.513e-01 2.208e-01 3.403 0.000670 ***
## factor(unit)11.030303030303 6.751e-01 2.218e-01 3.044 0.002342 **
## factor(unit)11.0338983050847 5.730e-01 2.156e-01 2.657 0.007889 **
## factor(unit)11.0454545454545 5.296e-01 2.171e-01 2.439 0.014745 *
## factor(unit)11.0542635658915 6.226e-01 2.193e-01 2.840 0.004527 **
## factor(unit)11.0615384615385 5.949e-01 1.705e-01 3.490 0.000485 ***
## factor(unit)11.0655737704918 5.242e-01 2.127e-01 2.465 0.013728 *
## factor(unit)11.0681818181818 6.843e-01 2.169e-01 3.155 0.001607 **
## factor(unit)11.0757575757576 7.430e-01 1.907e-01 3.897 9.80e-05 ***
## factor(unit)11.0810810810811 7.086e-01 2.188e-01 3.239 0.001204 **
## factor(unit)11.0833333333333 7.026e-01 1.847e-01 3.805 0.000143 ***
## factor(unit)11.0869565217391 6.605e-01 2.168e-01 3.047 0.002321 **
## factor(unit)11.0901639344262 5.413e-01 2.169e-01 2.496 0.012587 *
## factor(unit)11.0909090909091 6.010e-01 1.866e-01 3.220 0.001284 **
## factor(unit)11.099173553719 5.750e-01 2.069e-01 2.779 0.005458 **
## factor(unit)11.1147540983607 5.887e-01 2.218e-01 2.654 0.007961 **
## factor(unit)11.1212121212121 7.796e-01 1.843e-01 4.229 2.37e-05 ***
## factor(unit)11.135593220339 6.590e-01 2.171e-01 3.036 0.002404 **
## factor(unit)11.1466666666667 7.929e-01 2.170e-01 3.654 0.000260 ***
## factor(unit)11.1504424778761 6.905e-01 2.188e-01 3.156 0.001606 **
## factor(unit)11.1515151515152 6.123e-01 2.196e-01 2.788 0.005314 **
## factor(unit)11.1612903225806 5.830e-01 2.174e-01 2.682 0.007336 **
## factor(unit)11.1666666666667 6.514e-01 1.820e-01 3.580 0.000346 ***
## factor(unit)11.1694915254237 5.412e-01 2.170e-01 2.494 0.012665 *
## factor(unit)11.1785714285714 6.721e-01 2.169e-01 3.098 0.001951 **
## factor(unit)11.1926605504587 5.643e-01 2.184e-01 2.583 0.009799 **
## factor(unit)11.2093023255814 8.748e-01 2.205e-01 3.968 7.31e-05 ***
## factor(unit)11.2121212121212 6.482e-01 2.203e-01 2.943 0.003257 **
## factor(unit)11.219696969697 6.387e-01 2.169e-01 2.944 0.003247 **
## factor(unit)11.25 6.210e-01 2.196e-01 2.828 0.004687 **
## factor(unit)11.251968503937 5.771e-01 2.119e-01 2.723 0.006474 **
## factor(unit)11.2522522522523 6.819e-01 2.121e-01 3.215 0.001309 **
## factor(unit)11.2533333333333 5.086e-01 2.152e-01 2.363 0.018152 *
## factor(unit)11.2553191489362 6.886e-01 2.169e-01 3.175 0.001501 **
## factor(unit)11.264 6.059e-01 2.070e-01 2.927 0.003428 **
## factor(unit)11.2651515151515 5.713e-01 2.119e-01 2.696 0.007038 **
## factor(unit)11.2666666666667 7.666e-01 2.159e-01 3.551 0.000386 ***
## factor(unit)11.2676056338028 7.528e-01 2.197e-01 3.426 0.000614 ***
## factor(unit)11.2692307692308 6.946e-01 2.171e-01 3.199 0.001381 **
## factor(unit)11.2727272727273 6.381e-01 1.849e-01 3.452 0.000559 ***
## factor(unit)11.2783505154639 5.580e-01 2.178e-01 2.562 0.010432 *
## factor(unit)11.2857142857143 5.329e-01 2.145e-01 2.484 0.013008 *
## factor(unit)11.2878787878788 6.546e-01 2.177e-01 3.006 0.002652 **
## factor(unit)11.2900763358779 7.147e-01 2.154e-01 3.319 0.000908 ***
## factor(unit)11.2923076923077 6.561e-01 2.200e-01 2.982 0.002867 **
## factor(unit)11.2941176470588 7.632e-01 2.225e-01 3.431 0.000604 ***
## factor(unit)11.2962962962963 5.498e-01 2.162e-01 2.543 0.010996 *
## factor(unit)11.3157894736842 7.650e-01 2.196e-01 3.484 0.000496 ***
## factor(unit)11.3255813953488 9.679e-01 2.110e-01 4.587 4.56e-06 ***
## factor(unit)11.3333333333333 5.770e-01 2.199e-01 2.624 0.008701 **
## factor(unit)11.348623853211 5.785e-01 2.192e-01 2.639 0.008337 **
## factor(unit)11.3560606060606 6.783e-01 2.079e-01 3.263 0.001107 **
## factor(unit)11.3589743589744 6.512e-01 2.203e-01 2.956 0.003127 **
## factor(unit)11.3617021276596 6.719e-01 2.152e-01 3.122 0.001801 **

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## factor(unit)11.3636363636364 6.957e-01 2.104e-01 3.307 0.000946 ***
## factor(unit)11.3770491803279 6.930e-01 2.201e-01 3.148 0.001646 **
## factor(unit)11.3787878787879 6.238e-01 2.047e-01 3.047 0.002316 **
## factor(unit)11.3913043478261 6.852e-01 2.218e-01 3.089 0.002013 **
## factor(unit)11.3924050632911 6.016e-01 1.802e-01 3.339 0.000843 ***
## factor(unit)11.3939393939394 5.712e-01 2.198e-01 2.598 0.009378 **
## factor(unit)11.4 6.510e-01 2.206e-01 2.951 0.003173 **
## factor(unit)11.4056603773585 6.210e-01 2.143e-01 2.898 0.003770 **
## factor(unit)11.4065040650407 7.452e-01 2.105e-01 3.540 0.000402 ***
## factor(unit)11.4117647058824 4.883e-01 2.180e-01 2.240 0.025129 *
## factor(unit)11.4166666666667 6.691e-01 2.222e-01 3.011 0.002606 **
## factor(unit)11.4318181818182 6.006e-01 2.174e-01 2.763 0.005744 **
## factor(unit)11.432 6.029e-01 2.165e-01 2.784 0.005371 **
## factor(unit)11.4634146341463 6.659e-01 2.199e-01 3.029 0.002464 **
## factor(unit)11.4724409448819 6.833e-01 2.131e-01 3.206 0.001350 **
## factor(unit)11.4765625 5.360e-01 2.199e-01 2.438 0.014788 *
## factor(unit)11.4772727272727 6.893e-01 1.831e-01 3.764 0.000168 ***
## factor(unit)11.48 6.228e-01 2.178e-01 2.860 0.004250 **
## factor(unit)11.4848484848485 7.425e-01 2.203e-01 3.371 0.000753 ***
## factor(unit)11.4851485148515 7.273e-01 2.187e-01 3.325 0.000887 ***
## factor(unit)11.4888888888889 6.431e-01 2.185e-01 2.943 0.003261 **
## factor(unit)11.4924242424242 7.662e-01 2.194e-01 3.492 0.000482 ***
## factor(unit)11.5 5.373e-01 1.579e-01 3.403 0.000669 ***
## factor(unit)11.5230769230769 6.653e-01 1.874e-01 3.550 0.000386 ***
## factor(unit)11.5241935483871 5.763e-01 2.174e-01 2.651 0.008032 **
## factor(unit)11.5405405405405 7.714e-01 2.207e-01 3.495 0.000477 ***
## factor(unit)11.544 6.069e-01 2.169e-01 2.798 0.005152 **
## factor(unit)11.5567010309278 6.444e-01 2.193e-01 2.939 0.003298 **
## factor(unit)11.5604395604396 6.224e-01 2.153e-01 2.891 0.003851 **
## factor(unit)11.5675675675676 6.494e-01 2.145e-01 3.027 0.002476 **
## factor(unit)11.5681818181818 6.382e-01 1.737e-01 3.675 0.000239 ***
## factor(unit)11.5833333333333 5.554e-01 2.181e-01 2.546 0.010911 *
## factor(unit)11.5882352941176 6.832e-01 2.213e-01 3.088 0.002023 **
## factor(unit)11.6 7.396e-01 2.202e-01 3.358 0.000787 ***
## factor(unit)11.6046511627907 7.597e-01 2.176e-01 3.492 0.000482 ***
## factor(unit)11.6050420168067 6.372e-01 2.156e-01 2.956 0.003128 **
## factor(unit)11.6060606060606 6.496e-01 2.225e-01 2.919 0.003516 **
## factor(unit)11.6071428571429 4.263e-01 2.224e-01 1.917 0.055329 .
## factor(unit)11.6145833333333 6.826e-01 2.066e-01 3.303 0.000959 ***
## factor(unit)11.6166666666667 6.293e-01 2.047e-01 3.075 0.002112 **
## factor(unit)11.624 6.042e-01 2.175e-01 2.777 0.005493 **
## factor(unit)11.6287878787879 6.789e-01 2.161e-01 3.141 0.001688 **
## factor(unit)11.635593220339 6.078e-01 2.156e-01 2.819 0.004830 **
## factor(unit)11.6363636363636 6.404e-01 2.217e-01 2.888 0.003885 **
## factor(unit)11.6439393939394 6.414e-01 2.175e-01 2.949 0.003195 **
## factor(unit)11.6440677966102 5.550e-01 2.177e-01 2.550 0.010801 *
## factor(unit)11.6451612903226 6.848e-01 2.164e-01 3.164 0.001558 **
## factor(unit)11.6507936507937 7.399e-01 2.165e-01 3.417 0.000635 ***
## factor(unit)11.6535433070866 6.899e-01 2.197e-01 3.140 0.001694 **
## factor(unit)11.65625 6.583e-01 2.162e-01 3.045 0.002335 **
## factor(unit)11.6666666666667 8.876e-01 1.817e-01 4.886 1.04e-06 ***
## factor(unit)11.6692913385827 6.121e-01 2.198e-01 2.785 0.005359 **
## factor(unit)11.672131147541 6.417e-01 2.201e-01 2.915 0.003563 **
## factor(unit)11.6742424242424 5.786e-01 2.155e-01 2.685 0.007262 **

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## factor(unit)11.6831683168317 6.417e-01 2.179e-01 2.946 0.003232 **
## factor(unit)11.6885245901639 6.730e-01 2.156e-01 3.122 0.001804 **
## factor(unit)11.6969696969697 6.030e-01 1.673e-01 3.604 0.000315 ***
## factor(unit)11.7272727272727 6.076e-01 1.882e-01 3.229 0.001245 **
## factor(unit)11.7348484848485 6.128e-01 2.160e-01 2.837 0.004565 **
## factor(unit)11.7368421052632 6.067e-01 2.173e-01 2.792 0.005247 **
## factor(unit)11.7464788732394 7.539e-01 2.195e-01 3.435 0.000596 ***
## factor(unit)11.75 6.913e-01 1.842e-01 3.752 0.000177 ***
## factor(unit)11.7520661157025 6.634e-01 2.162e-01 3.069 0.002157 **
## factor(unit)11.7586206896552 6.665e-01 1.820e-01 3.663 0.000251 ***
## factor(unit)11.7727272727273 6.417e-01 1.856e-01 3.457 0.000549 ***
## factor(unit)11.776 6.875e-01 2.162e-01 3.180 0.001476 **
## factor(unit)11.7795275590551 6.710e-01 2.087e-01 3.215 0.001311 **
## factor(unit)11.785046728972 7.166e-01 2.114e-01 3.390 0.000702 ***
## factor(unit)11.7931034482759 6.923e-01 2.157e-01 3.209 0.001337 **
## factor(unit)11.7954545454545 6.595e-01 1.712e-01 3.852 0.000118 ***
## factor(unit)11.8 5.842e-01 2.110e-01 2.769 0.005636 **
## factor(unit)11.8041237113402 6.877e-01 2.190e-01 3.140 0.001693 **
## factor(unit)11.8166666666667 5.968e-01 1.449e-01 4.118 3.86e-05 ***
## factor(unit)11.8181818181818 6.296e-01 2.204e-01 2.856 0.004296 **
## factor(unit)11.8196721311475 7.027e-01 2.079e-01 3.379 0.000729 ***
## factor(unit)11.8409090909091 6.491e-01 2.154e-01 3.014 0.002588 **
## factor(unit)11.8461538461538 6.517e-01 1.845e-01 3.532 0.000415 ***
## factor(unit)11.8473282442748 6.653e-01 2.199e-01 3.026 0.002483 **
## factor(unit)11.8484848484848 6.727e-01 1.732e-01 3.883 0.000104 ***
## factor(unit)11.8585858585859 5.655e-01 2.178e-01 2.596 0.009445 **
## factor(unit)11.859649122807 6.024e-01 2.218e-01 2.716 0.006616 **
## factor(unit)11.8636363636364 5.922e-01 2.159e-01 2.743 0.006107 **
## factor(unit)11.8936170212766 4.886e-01 1.845e-01 2.649 0.008090 **
## factor(unit)11.8939393939394 7.084e-01 2.072e-01 3.420 0.000630 ***
## factor(unit)11.9090909090909 6.511e-01 2.156e-01 3.020 0.002534 **
## factor(unit)11.9111111111111 5.998e-01 2.147e-01 2.794 0.005222 **
## factor(unit)11.9156626506024 6.969e-01 2.189e-01 3.184 0.001455 **
## factor(unit)11.9178082191781 8.337e-01 2.196e-01 3.797 0.000147 ***
## factor(unit)11.929203539823 5.204e-01 2.063e-01 2.522 0.011680 *
## factor(unit)11.9326923076923 5.772e-01 2.166e-01 2.665 0.007710 **
## factor(unit)11.9357798165138 6.343e-01 2.150e-01 2.951 0.003176 **
## factor(unit)11.9393939393939 6.739e-01 2.170e-01 3.106 0.001903 **
## factor(unit)11.9433962264151 4.787e-01 2.183e-01 2.193 0.028360 *
## factor(unit)11.9453125 5.568e-01 2.065e-01 2.696 0.007019 **
## factor(unit)11.9459459459459 6.844e-01 2.211e-01 3.095 0.001973 **
## factor(unit)11.9493670886076 6.105e-01 2.179e-01 2.802 0.005096 **
## factor(unit)11.9514563106796 7.651e-01 2.193e-01 3.489 0.000487 ***
## factor(unit)11.9606299212598 6.883e-01 2.160e-01 3.186 0.001445 **
## factor(unit)11.9734513274336 6.288e-01 2.043e-01 3.078 0.002089 **
## factor(unit)11.974358974359 6.044e-01 2.184e-01 2.767 0.005669 **
## factor(unit)11.98 6.160e-01 2.157e-01 2.856 0.004303 **
## factor(unit)11.9814814814815 6.911e-01 2.164e-01 3.194 0.001410 **
## factor(unit)11.9830508474576 5.258e-01 2.050e-01 2.565 0.010327 *
## factor(unit)11.9848484848485 6.322e-01 1.853e-01 3.412 0.000648 ***
## factor(unit)12 6.293e-01 1.425e-01 4.417 1.01e-05 ***
## factor(unit)12.0176991150442 7.115e-01 2.180e-01 3.264 0.001101 **
## factor(unit)12.0181818181818 6.025e-01 2.050e-01 2.939 0.003298 **
## factor(unit)12.0340909090909 5.986e-01 2.163e-01 2.768 0.005651 **

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## factor(unit)12.0438596491228 6.533e-01 2.210e-01 2.957 0.003116 **
## factor(unit)12.0530303030303 6.200e-01 2.164e-01 2.865 0.004177 **
## factor(unit)12.0571428571429 5.786e-01 2.197e-01 2.634 0.008458 **
## factor(unit)12.0606060606061 5.727e-01 2.062e-01 2.777 0.005498 **
## factor(unit)12.0681818181818 6.707e-01 2.175e-01 3.084 0.002051 **
## factor(unit)12.0833333333333 6.389e-01 1.852e-01 3.449 0.000564 ***
## factor(unit)12.0909090909091 6.682e-01 2.184e-01 3.060 0.002222 **
## factor(unit)12.1363636363636 5.865e-01 2.070e-01 2.834 0.004609 **
## factor(unit)12.1428571428571 6.273e-01 2.172e-01 2.888 0.003885 **
## factor(unit)12.1538461538462 6.286e-01 2.205e-01 2.850 0.004382 **
## factor(unit)12.16 6.717e-01 2.181e-01 3.080 0.002076 **
## factor(unit)12.1612903225806 7.190e-01 2.186e-01 3.289 0.001009 **
## factor(unit)12.1666666666667 5.948e-01 2.078e-01 2.863 0.004206 **
## factor(unit)12.1818181818182 6.838e-01 2.192e-01 3.119 0.001820 **
## factor(unit)12.1949152542373 5.984e-01 2.051e-01 2.917 0.003542 **
## factor(unit)12.1951219512195 5.061e-01 2.174e-01 2.327 0.019967 *
## factor(unit)12.2110091743119 5.677e-01 2.182e-01 2.601 0.009303 **
## factor(unit)12.2272727272727 6.084e-01 2.199e-01 2.767 0.005675 **
## factor(unit)12.2307692307692 6.415e-01 2.191e-01 2.928 0.003424 **
## factor(unit)12.24 4.996e-01 2.153e-01 2.321 0.020324 *
## factor(unit)12.241935483871 6.387e-01 2.203e-01 2.899 0.003751 **
## factor(unit)12.2446808510638 6.573e-01 2.179e-01 3.017 0.002561 **
## factor(unit)12.25 5.027e-01 1.698e-01 2.960 0.003082 **
## factor(unit)12.2575757575758 6.226e-01 2.214e-01 2.812 0.004941 **
## factor(unit)12.258064516129 5.308e-01 2.208e-01 2.404 0.016249 *
## factor(unit)12.2654867256637 7.295e-01 2.168e-01 3.366 0.000767 ***
## factor(unit)12.2671755725191 6.045e-01 2.207e-01 2.739 0.006176 **
## factor(unit)12.2796610169492 6.688e-01 2.161e-01 3.095 0.001972 **
## factor(unit)12.28 6.750e-01 2.168e-01 3.113 0.001858 **
## factor(unit)12.2826086956522 6.661e-01 2.142e-01 3.110 0.001877 **
## factor(unit)12.2954545454545 6.496e-01 1.803e-01 3.602 0.000317 ***
## factor(unit)12.3030303030303 6.723e-01 1.781e-01 3.775 0.000161 ***
## factor(unit)12.3084112149533 6.036e-01 2.186e-01 2.762 0.005761 **
## factor(unit)12.3106796116505 5.509e-01 2.183e-01 2.524 0.011618 *
## factor(unit)12.312 6.090e-01 2.170e-01 2.806 0.005028 **
## factor(unit)12.3157894736842 6.162e-01 2.185e-01 2.821 0.004804 **
## factor(unit)12.3243243243243 6.472e-01 2.197e-01 2.946 0.003226 **
## factor(unit)12.327731092437 6.106e-01 2.201e-01 2.774 0.005543 **
## factor(unit)12.328125 5.099e-01 2.201e-01 2.317 0.020551 *
## factor(unit)12.3305084745763 7.917e-01 2.200e-01 3.598 0.000322 ***
## factor(unit)12.3333333333333 6.076e-01 1.633e-01 3.719 0.000201 ***
## factor(unit)12.3404255319149 6.151e-01 2.206e-01 2.789 0.005301 **
## factor(unit)12.3454545454545 6.408e-01 2.215e-01 2.893 0.003830 **
## factor(unit)12.3484848484848 5.526e-01 2.210e-01 2.500 0.012432 *
## factor(unit)12.3584905660377 7.411e-01 2.155e-01 3.438 0.000588 ***
## factor(unit)12.36 7.504e-01 2.168e-01 3.461 0.000541 ***
## factor(unit)12.3636363636364 6.369e-01 1.673e-01 3.806 0.000142 ***
## factor(unit)12.375 6.877e-01 2.192e-01 3.137 0.001713 **
## factor(unit)12.376 5.676e-01 2.170e-01 2.615 0.008931 **
## factor(unit)12.3761467889908 6.768e-01 2.040e-01 3.317 0.000913 ***
## factor(unit)12.3783783783784 8.293e-01 2.197e-01 3.774 0.000162 ***
## factor(unit)12.3790322580645 6.038e-01 2.158e-01 2.798 0.005158 **
## factor(unit)12.3867924528302 6.646e-01 2.198e-01 3.024 0.002505 **
## factor(unit)12.4 5.862e-01 2.199e-01 2.665 0.007701 **

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## factor(unit)12.416      5.047e-01  2.161e-01  2.335 0.019541 *
## factor(unit)12.4193548387097 6.281e-01  2.219e-01  2.831 0.004656 **
## factor(unit)12.4210526315789 6.565e-01  2.202e-01  2.981 0.002878 **
## factor(unit)12.4230769230769 6.243e-01  1.877e-01  3.327 0.000882 ***
## factor(unit)12.4242424242424 5.939e-01  2.200e-01  2.699 0.006962 **
## factor(unit)12.4285714285714 7.365e-01  1.744e-01  4.224 2.42e-05 ***
## factor(unit)12.4330708661417 6.213e-01  2.202e-01  2.821 0.004793 **
## factor(unit)12.4545454545455 6.861e-01  1.856e-01  3.697 0.000219 ***
## factor(unit)12.4591836734694 5.847e-01  2.158e-01  2.710 0.006750 **
## factor(unit)12.4601769911504 6.853e-01  2.162e-01  3.170 0.001527 **
## factor(unit)12.4642857142857 6.707e-01  1.807e-01  3.711 0.000207 ***
## factor(unit)12.4666666666667 8.105e-01  2.148e-01  3.774 0.000162 ***
## factor(unit)12.4700854700855 7.453e-01  2.188e-01  3.407 0.000660 ***
## factor(unit)12.4731182795699 7.471e-01  2.208e-01  3.383 0.000720 ***
## factor(unit)12.4736842105263 7.056e-01  1.879e-01  3.755 0.000174 ***
## factor(unit)12.4772727272727 7.202e-01  2.159e-01  3.335 0.000856 ***
## factor(unit)12.4782608695652 6.637e-01  1.759e-01  3.773 0.000162 ***
## factor(unit)12.48      4.817e-01  2.206e-01  2.184 0.029013 *
## factor(unit)12.488      5.912e-01  2.101e-01  2.814 0.004899 **
## factor(unit)12.4915254237288 6.133e-01  2.207e-01  2.778 0.005473 **
## factor(unit)12.5      7.362e-01  1.695e-01  4.342 1.42e-05 ***
## factor(unit)12.5081967213115 5.886e-01  2.203e-01  2.672 0.007558 **
## factor(unit)12.5151515151515 6.525e-01  2.185e-01  2.987 0.002828 **
## factor(unit)12.5217391304348 6.989e-01  2.211e-01  3.161 0.001578 **
## factor(unit)12.5378787878788 6.312e-01  2.188e-01  2.885 0.003919 **
## factor(unit)12.5384615384615 6.282e-01  1.699e-01  3.697 0.000220 ***
## factor(unit)12.5454545454545 6.460e-01  1.509e-01  4.282 1.87e-05 ***
## factor(unit)12.5483870967742 6.491e-01  2.210e-01  2.937 0.003326 **
## factor(unit)12.5538461538462 5.292e-01  2.205e-01  2.400 0.016425 *
## factor(unit)12.5544554455446 6.829e-01  2.216e-01  3.081 0.002066 **
## factor(unit)12.5581395348837 7.027e-01  1.884e-01  3.729 0.000193 ***
## factor(unit)12.5652173913043 7.115e-01  2.177e-01  3.269 0.001085 **
## factor(unit)12.5660377358491 8.100e-01  2.199e-01  3.683 0.000232 ***
## factor(unit)12.5694444444444 6.731e-01  2.181e-01  3.086 0.002033 **
## factor(unit)12.5789473684211 5.936e-01  2.154e-01  2.756 0.005859 **
## factor(unit)12.5849056603774 6.179e-01  2.198e-01  2.811 0.004948 **
## factor(unit)12.5901639344262 5.743e-01  2.206e-01  2.603 0.009257 **
## factor(unit)12.5909090909091 6.086e-01  1.876e-01  3.245 0.001180 **
## factor(unit)12.5932203389831 6.802e-01  2.207e-01  3.082 0.002061 **
## factor(unit)12.6      6.229e-01  1.576e-01  3.952 7.80e-05 ***
## factor(unit)12.603305785124 6.205e-01  2.202e-01  2.818 0.004849 **
## factor(unit)12.6060606060606 6.737e-01  2.163e-01  3.115 0.001845 **
## factor(unit)12.6136363636364 5.971e-01  1.809e-01  3.301 0.000966 ***
## factor(unit)12.6153846153846 7.337e-01  2.139e-01  3.429 0.000607 ***
## factor(unit)12.6260869565217 6.943e-01  2.208e-01  3.144 0.001673 **
## factor(unit)12.6266666666667 5.288e-01  2.198e-01  2.405 0.016179 *
## factor(unit)12.6287878787879 5.905e-01  2.177e-01  2.712 0.006690 **
## factor(unit)12.6299212598425 6.009e-01  2.154e-01  2.789 0.005292 **
## factor(unit)12.6315789473684 7.122e-01  2.210e-01  3.223 0.001271 **
## factor(unit)12.6363636363636 6.158e-01  1.713e-01  3.594 0.000327 ***
## factor(unit)12.6428571428571 5.902e-01  2.210e-01  2.671 0.007577 **
## factor(unit)12.6515151515152 5.526e-01  2.178e-01  2.537 0.011192 *
## factor(unit)12.6545454545455 6.056e-01  1.889e-01  3.206 0.001351 **
## factor(unit)12.655737704918 6.003e-01  2.202e-01  2.726 0.006426 **

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## factor(unit)12.6666666666667 6.879e-01 1.884e-01 3.651 0.000262 ***
## factor(unit)12.6792452830189 5.875e-01 2.211e-01 2.657 0.007905 **
## factor(unit)12.6818181818182 7.286e-01 2.154e-01 3.382 0.000722 ***
## factor(unit)12.6857142857143 6.220e-01 2.211e-01 2.813 0.004918 **
## factor(unit)12.6880733944954 5.575e-01 2.043e-01 2.729 0.006355 **
## factor(unit)12.6896551724138 5.617e-01 2.209e-01 2.543 0.011021 *
## factor(unit)12.6969696969697 6.195e-01 1.864e-01 3.324 0.000890 ***
## factor(unit)12.6990291262136 6.224e-01 1.772e-01 3.512 0.000446 ***
## factor(unit)12.7045454545455 6.460e-01 1.825e-01 3.539 0.000403 ***
## factor(unit)12.7058823529412 6.251e-01 2.212e-01 2.826 0.004730 **
## factor(unit)12.719696969697 5.218e-01 2.150e-01 2.427 0.015243 *
## factor(unit)12.7222222222222 6.237e-01 2.142e-01 2.912 0.003595 **
## factor(unit)12.7272727272727 5.990e-01 1.704e-01 3.515 0.000442 ***
## factor(unit)12.7289719626168 6.569e-01 2.189e-01 3.001 0.002698 **
## factor(unit)12.7297297297297 4.710e-01 2.224e-01 2.118 0.034220 *
## factor(unit)12.734693877551 6.292e-01 2.213e-01 2.843 0.004471 **
## factor(unit)12.736 5.998e-01 2.189e-01 2.740 0.006151 **
## factor(unit)12.7384615384615 7.073e-01 2.199e-01 3.216 0.001306 **
## factor(unit)12.7477477477477 6.604e-01 2.054e-01 3.216 0.001305 **
## factor(unit)12.75 6.358e-01 1.771e-01 3.590 0.000332 ***
## factor(unit)12.7578947368421 6.216e-01 1.894e-01 3.281 0.001038 **
## factor(unit)12.7651515151515 6.396e-01 2.200e-01 2.907 0.003660 **
## factor(unit)12.7674418604651 5.978e-01 2.129e-01 2.808 0.005001 **
## factor(unit)12.7727272727273 6.748e-01 1.825e-01 3.698 0.000219 ***
## factor(unit)12.7741935483871 7.927e-01 2.215e-01 3.579 0.000347 ***
## factor(unit)12.7818181818182 6.173e-01 2.206e-01 2.799 0.005141 **
## factor(unit)12.7826086956522 6.494e-01 1.897e-01 3.424 0.000620 ***
## factor(unit)12.7857142857143 5.994e-01 2.180e-01 2.749 0.005985 **
## factor(unit)12.7878787878788 5.925e-01 2.169e-01 2.732 0.006310 **
## factor(unit)12.7912087912088 4.764e-01 2.216e-01 2.150 0.031596 *
## factor(unit)12.7941176470588 7.331e-01 2.186e-01 3.353 0.000802 ***
## factor(unit)12.7954545454545 6.363e-01 1.761e-01 3.614 0.000303 ***
## factor(unit)12.7961165048544 6.477e-01 1.866e-01 3.471 0.000520 ***
## factor(unit)12.796875 5.539e-01 2.164e-01 2.559 0.010514 *
## factor(unit)12.8 5.880e-01 1.744e-01 3.372 0.000748 ***
## factor(unit)12.8018018018018 6.125e-01 2.182e-01 2.808 0.005002 **
## factor(unit)12.8055555555556 5.281e-01 2.157e-01 2.448 0.014364 *
## factor(unit)12.8106060606061 6.633e-01 2.204e-01 3.009 0.002624 **
## factor(unit)12.8108108108108 6.348e-01 2.218e-01 2.862 0.004223 **
## factor(unit)12.816 7.077e-01 2.165e-01 3.268 0.001085 **
## factor(unit)12.8181818181818 6.190e-01 1.898e-01 3.262 0.001111 **
## factor(unit)12.8229166666667 7.809e-01 2.198e-01 3.553 0.000383 ***
## factor(unit)12.8333333333333 6.432e-01 1.618e-01 3.976 7.05e-05 ***
## factor(unit)12.8421052631579 6.595e-01 2.190e-01 3.011 0.002606 **
## factor(unit)12.8461538461538 5.293e-01 2.224e-01 2.380 0.017338 *
## factor(unit)12.8470588235294 5.573e-01 2.219e-01 2.512 0.012022 *
## factor(unit)12.8571428571429 6.337e-01 1.654e-01 3.832 0.000128 ***
## factor(unit)12.8636363636364 6.091e-01 2.164e-01 2.814 0.004901 **
## factor(unit)12.8686868686869 6.797e-01 2.049e-01 3.317 0.000914 ***
## factor(unit)12.8785046728972 6.728e-01 2.210e-01 3.044 0.002340 **
## factor(unit)12.8842105263158 6.178e-01 2.186e-01 2.826 0.004718 **
## factor(unit)12.8888888888889 6.812e-01 2.220e-01 3.069 0.002155 **
## factor(unit)12.8899082568807 6.428e-01 2.134e-01 3.013 0.002594 **
## factor(unit)12.890625 6.061e-01 2.212e-01 2.741 0.006145 **

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## factor(unit)12.8977272727273 7.023e-01 2.165e-01 3.244 0.001181 **
## factor(unit)12.9 6.299e-01 1.878e-01 3.354 0.000800 ***
## factor(unit)12.9074074074074 6.790e-01 2.044e-01 3.323 0.000895 ***
## factor(unit)12.9090909090909 7.623e-01 2.151e-01 3.544 0.000396 ***
## factor(unit)12.9133858267717 6.034e-01 2.154e-01 2.801 0.005099 **
## factor(unit)12.9160305343511 7.233e-01 2.172e-01 3.330 0.000872 ***
## factor(unit)12.9242424242424 6.839e-01 2.212e-01 3.092 0.001994 **
## factor(unit)12.9318181818182 5.588e-01 2.074e-01 2.694 0.007071 **
## factor(unit)12.9354838709677 6.916e-01 2.171e-01 3.185 0.001450 **
## factor(unit)12.9375 3.904e-01 2.172e-01 1.797 0.072313 .
## factor(unit)12.9464285714286 6.995e-01 2.199e-01 3.181 0.001473 **
## factor(unit)12.9538461538462 5.164e-01 2.158e-01 2.394 0.016705 *
## factor(unit)12.956043956044 7.123e-01 2.186e-01 3.258 0.001126 **
## factor(unit)12.958904109589 5.794e-01 2.204e-01 2.629 0.008569 **
## factor(unit)12.9611650485437 6.045e-01 2.151e-01 2.811 0.004955 **
## factor(unit)12.969696969697 5.873e-01 2.210e-01 2.657 0.007897 **
## factor(unit)12.9714285714286 6.140e-01 2.206e-01 2.783 0.005393 **
## factor(unit)12.972972972973 5.282e-01 2.224e-01 2.375 0.017556 *
## factor(unit)12.9752066115702 5.430e-01 2.183e-01 2.488 0.012877 *
## factor(unit)12.9833333333333 5.867e-01 2.191e-01 2.677 0.007433 **
## factor(unit)12.986301369863 7.359e-01 2.225e-01 3.307 0.000946 ***
## factor(unit)12.989247311828 6.231e-01 2.215e-01 2.813 0.004924 **
## factor(unit)13 6.487e-01 1.530e-01 4.239 2.26e-05 ***
## factor(unit)13.0093457943925 7.095e-01 1.692e-01 4.193 2.78e-05 ***
## factor(unit)13.010989010989 5.724e-01 2.204e-01 2.597 0.009409 **
## factor(unit)13.016 6.810e-01 2.172e-01 3.136 0.001720 **
## factor(unit)13.030303030303 6.064e-01 2.167e-01 2.798 0.005152 **
## factor(unit)13.0326086956522 6.550e-01 2.206e-01 2.969 0.002992 **
## factor(unit)13.0377358490566 7.787e-01 2.147e-01 3.627 0.000289 ***
## factor(unit)13.0434782608696 5.948e-01 2.155e-01 2.761 0.005781 **
## factor(unit)13.049504950495 6.942e-01 2.209e-01 3.142 0.001684 **
## factor(unit)13.0606060606061 5.410e-01 2.212e-01 2.446 0.014455 *
## factor(unit)13.0654205607477 7.150e-01 2.218e-01 3.223 0.001271 **
## factor(unit)13.0681818181818 6.185e-01 1.739e-01 3.556 0.000379 ***
## factor(unit)13.0707070707071 6.494e-01 2.159e-01 3.007 0.002641 **
## factor(unit)13.08 6.567e-01 2.076e-01 3.164 0.001560 **
## factor(unit)13.0813953488372 6.992e-01 2.200e-01 3.179 0.001484 **
## factor(unit)13.1 5.569e-01 2.217e-01 2.512 0.012030 *
## factor(unit)13.104 7.453e-01 2.199e-01 3.389 0.000705 ***
## factor(unit)13.1052631578947 7.059e-01 2.184e-01 3.233 0.001231 **
## factor(unit)13.1060606060606 5.666e-01 2.176e-01 2.603 0.009249 **
## factor(unit)13.1150442477876 7.711e-01 2.175e-01 3.545 0.000395 ***
## factor(unit)13.125 5.315e-01 2.159e-01 2.462 0.013838 *
## factor(unit)13.1304347826087 6.785e-01 2.210e-01 3.070 0.002146 **
## factor(unit)13.135593220339 5.078e-01 2.173e-01 2.337 0.019474 *
## factor(unit)13.1363636363636 6.585e-01 1.823e-01 3.612 0.000305 ***
## factor(unit)13.1401869158879 5.865e-01 2.211e-01 2.652 0.008015 **
## factor(unit)13.144 6.962e-01 2.162e-01 3.220 0.001287 **
## factor(unit)13.1526717557252 5.642e-01 2.039e-01 2.767 0.005672 **
## factor(unit)13.1578947368421 5.814e-01 2.204e-01 2.638 0.008356 **
## factor(unit)13.1590909090909 5.741e-01 2.149e-01 2.671 0.007571 **
## factor(unit)13.1666666666667 5.755e-01 2.220e-01 2.593 0.009535 **
## factor(unit)13.176 5.027e-01 2.140e-01 2.348 0.018873 *
## factor(unit)13.1764705882353 4.405e-01 2.209e-01 1.994 0.046141 *

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## factor(unit)13.1818181818182 4.880e-01 2.130e-01 2.291 0.021961 *
## factor(unit)13.1893939393939 6.721e-01 2.217e-01 3.031 0.002442 **
## factor(unit)13.2 6.431e-01 2.215e-01 2.904 0.003696 **
## factor(unit)13.2121212121212 6.735e-01 2.228e-01 3.023 0.002510 **
## factor(unit)13.2190476190476 6.930e-01 1.690e-01 4.100 4.16e-05 ***
## factor(unit)13.2272727272727 9.020e-01 1.858e-01 4.856 1.22e-06 ***
## factor(unit)13.232 6.115e-01 2.169e-01 2.819 0.004822 **
## factor(unit)13.2333333333333 7.501e-01 2.201e-01 3.407 0.000659 ***
## factor(unit)13.25 7.008e-01 1.876e-01 3.736 0.000188 ***
## factor(unit)13.2631578947368 8.546e-01 2.173e-01 3.932 8.47e-05 ***
## factor(unit)13.265306122449 6.940e-01 2.198e-01 3.158 0.001596 **
## factor(unit)13.2727272727273 7.127e-01 2.195e-01 3.247 0.001171 **
## factor(unit)13.2923076923077 6.346e-01 2.213e-01 2.868 0.004139 **
## factor(unit)13.2935779816514 6.538e-01 1.752e-01 3.732 0.000191 ***
## factor(unit)13.2954545454545 5.925e-01 2.176e-01 2.722 0.006492 **
## factor(unit)13.3030303030303 6.851e-01 2.215e-01 3.092 0.001991 **
## factor(unit)13.3257575757576 5.136e-01 2.146e-01 2.394 0.016704 *
## factor(unit)13.3269230769231 5.935e-01 2.042e-01 2.907 0.003654 **
## factor(unit)13.3333333333333 7.562e-01 1.831e-01 4.131 3.65e-05 ***
## factor(unit)13.3398058252427 6.545e-01 2.186e-01 2.995 0.002755 **
## factor(unit)13.34375 5.219e-01 2.210e-01 2.361 0.018231 *
## factor(unit)13.3636363636364 7.219e-01 2.174e-01 3.321 0.000901 ***
## factor(unit)13.3684210526316 6.186e-01 2.197e-01 2.815 0.004880 **
## factor(unit)13.3709677419355 7.152e-01 1.857e-01 3.851 0.000118 ***
## factor(unit)13.3777777777778 5.562e-01 2.170e-01 2.563 0.010396 *
## factor(unit)13.3939393939394 6.364e-01 2.156e-01 2.952 0.003163 **
## factor(unit)13.3949579831933 6.469e-01 2.085e-01 3.103 0.001922 **
## factor(unit)13.4 6.078e-01 2.184e-01 2.783 0.005402 **
## factor(unit)13.4339622641509 5.639e-01 2.167e-01 2.602 0.009289 **
## factor(unit)13.4411764705882 6.311e-01 2.195e-01 2.876 0.004041 **
## factor(unit)13.4545454545455 5.866e-01 2.213e-01 2.650 0.008056 **
## factor(unit)13.4621212121212 6.318e-01 2.075e-01 3.045 0.002334 **
## factor(unit)13.4653465346535 6.083e-01 2.100e-01 2.896 0.003788 **
## factor(unit)13.4660194174757 5.503e-01 2.048e-01 2.687 0.007219 **
## factor(unit)13.4747474747475 7.041e-01 2.056e-01 3.425 0.000618 ***
## factor(unit)13.4769230769231 6.676e-01 2.179e-01 3.064 0.002187 **
## factor(unit)13.4772727272727 6.308e-01 1.808e-01 3.489 0.000487 ***
## factor(unit)13.4814814814815 5.005e-01 2.222e-01 2.253 0.024288 *
## factor(unit)13.488188976378 7.061e-01 2.211e-01 3.194 0.001406 **
## factor(unit)13.5 5.300e-01 1.716e-01 3.089 0.002013 **
## factor(unit)13.5075757575758 5.454e-01 2.187e-01 2.493 0.012671 *
## factor(unit)13.5128205128205 7.736e-01 2.192e-01 3.529 0.000419 ***
## factor(unit)13.5151515151515 6.698e-01 2.140e-01 3.130 0.001756 **
## factor(unit)13.52 6.625e-01 2.187e-01 3.029 0.002462 **
## factor(unit)13.5227272727273 5.896e-01 2.201e-01 2.678 0.007409 **
## factor(unit)13.5252525252525 6.198e-01 2.034e-01 3.046 0.002323 **
## factor(unit)13.530303030303 6.433e-01 2.192e-01 2.935 0.003342 **
## factor(unit)13.5333333333333 5.635e-01 2.213e-01 2.546 0.010904 *
## factor(unit)13.5348837209302 4.785e-01 2.204e-01 2.171 0.029961 *
## factor(unit)13.5454545454545 6.687e-01 1.863e-01 3.589 0.000333 ***
## factor(unit)13.5490196078431 6.010e-01 2.041e-01 2.945 0.003235 **
## factor(unit)13.552 5.965e-01 2.184e-01 2.732 0.006312 **
## factor(unit)13.5540540540541 6.301e-01 2.040e-01 3.089 0.002013 **
## factor(unit)13.5794392523364 5.951e-01 2.143e-01 2.777 0.005504 **

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## factor(unit)13.5945945945946 6.484e-01 2.208e-01 2.936 0.003331 **
## factor(unit)13.6086956521739 5.225e-01 1.865e-01 2.802 0.005092 **
## factor(unit)13.6134453781513 7.205e-01 2.203e-01 3.270 0.001077 **
## factor(unit)13.6315789473684 6.168e-01 2.044e-01 3.017 0.002561 **
## factor(unit)13.6637168141593 6.106e-01 2.211e-01 2.762 0.005749 **
## factor(unit)13.6704545454545 7.342e-01 2.192e-01 3.349 0.000814 ***
## factor(unit)13.6742424242424 7.306e-01 2.176e-01 3.357 0.000791 ***
## factor(unit)13.6756756756757 6.572e-01 2.209e-01 2.974 0.002943 **
## factor(unit)13.6818181818182 6.228e-01 1.809e-01 3.443 0.000577 ***
## factor(unit)13.6831683168317 7.186e-01 2.180e-01 3.296 0.000985 ***
## factor(unit)13.6969696969697 7.006e-01 2.210e-01 3.170 0.001530 **
## factor(unit)13.6989247311828 6.299e-01 2.188e-01 2.879 0.004003 **
## factor(unit)13.7045454545455 7.937e-01 2.219e-01 3.577 0.000350 ***
## factor(unit)13.719696969697 5.351e-01 2.190e-01 2.444 0.014540 *
## factor(unit)13.7227722722727 6.752e-01 2.207e-01 3.060 0.002223 **
## factor(unit)13.7254901960784 6.303e-01 2.215e-01 2.845 0.004445 **
## factor(unit)13.7272727272727 6.693e-01 2.187e-01 3.060 0.002216 **
## factor(unit)13.728813559322 7.151e-01 2.173e-01 3.290 0.001004 **
## factor(unit)13.7307692307692 5.929e-01 2.064e-01 2.872 0.004085 **
## factor(unit)13.741935483871 6.484e-01 2.230e-01 2.908 0.003647 **
## factor(unit)13.75 6.335e-01 1.858e-01 3.411 0.000651 ***
## factor(unit)13.7575757575758 6.051e-01 1.800e-01 3.362 0.000777 ***
## factor(unit)13.7651515151515 6.109e-01 2.193e-01 2.786 0.005344 **
## factor(unit)13.7727272727273 6.869e-01 2.213e-01 3.104 0.001912 **
## factor(unit)13.78 5.298e-01 2.040e-01 2.597 0.009407 **
## factor(unit)13.7835051546392 6.590e-01 2.033e-01 3.241 0.001196 **
## factor(unit)13.7924528301887 7.340e-01 2.174e-01 3.376 0.000739 ***
## factor(unit)13.8139534883721 7.264e-01 2.130e-01 3.411 0.000650 ***
## factor(unit)13.8144329896907 6.210e-01 2.214e-01 2.805 0.005046 **
## factor(unit)13.8181818181818 6.992e-01 2.162e-01 3.234 0.001223 **
## factor(unit)13.8235294117647 7.997e-01 2.149e-01 3.722 0.000199 ***
## factor(unit)13.8269230769231 6.863e-01 2.174e-01 3.157 0.001600 **
## factor(unit)13.8333333333333 7.161e-01 2.202e-01 3.252 0.001151 **
## factor(unit)13.8415841584158 6.246e-01 2.210e-01 2.826 0.004719 **
## factor(unit)13.8508771929825 6.154e-01 1.852e-01 3.323 0.000892 ***
## factor(unit)13.8571428571429 6.653e-01 1.838e-01 3.621 0.000295 ***
## factor(unit)13.8582677165354 6.823e-01 2.215e-01 3.080 0.002076 **
## factor(unit)13.864 5.686e-01 2.196e-01 2.589 0.009653 **
## factor(unit)13.8717948717949 5.730e-01 2.173e-01 2.637 0.008368 **
## factor(unit)13.8732394366197 6.517e-01 2.215e-01 2.942 0.003270 **
## factor(unit)13.8775510204082 6.641e-01 2.216e-01 2.997 0.002729 **
## factor(unit)13.8787878787879 6.377e-01 2.193e-01 2.908 0.003640 **
## factor(unit)13.88 7.224e-01 2.135e-01 3.384 0.000718 ***
## factor(unit)13.8947368421053 7.072e-01 2.228e-01 3.174 0.001509 **
## factor(unit)13.9076923076923 6.492e-01 2.224e-01 2.919 0.003523 **
## factor(unit)13.9090909090909 7.459e-01 2.140e-01 3.485 0.000494 ***
## factor(unit)13.912 5.992e-01 2.216e-01 2.703 0.006874 **
## factor(unit)13.9166666666667 5.298e-01 2.032e-01 2.607 0.009154 **
## factor(unit)13.9222222222222 6.620e-01 2.190e-01 3.023 0.002510 **
## factor(unit)13.9223300970874 5.417e-01 2.164e-01 2.504 0.012304 *
## factor(unit)13.9295774647887 6.147e-01 2.170e-01 2.833 0.004620 **
## factor(unit)13.9375 6.811e-01 2.184e-01 3.119 0.001822 **
## factor(unit)13.9393939393939 5.699e-01 2.192e-01 2.600 0.009347 **
## factor(unit)13.9411764705882 5.786e-01 2.042e-01 2.833 0.004620 **

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## factor(unit)13.950495049505 6.146e-01 2.187e-01 2.811 0.004954 **
## factor(unit)13.9692307692308 6.502e-01 2.202e-01 2.953 0.003156 **
## factor(unit)13.969696969697 6.655e-01 2.171e-01 3.065 0.002183 **
## factor(unit)13.9848484848485 7.112e-01 1.869e-01 3.806 0.000142 ***
## factor(unit)14 6.605e-01 1.514e-01 4.362 1.30e-05 ***
## factor(unit)14.0204081632653 6.398e-01 2.038e-01 3.138 0.001704 **
## factor(unit)14.0227272727273 5.798e-01 2.152e-01 2.694 0.007075 **
## factor(unit)14.0353982300885 7.370e-01 2.199e-01 3.351 0.000807 ***
## factor(unit)14.0357142857143 4.632e-01 2.209e-01 2.097 0.036051 *
## factor(unit)14.0378787878788 6.809e-01 2.217e-01 3.071 0.002137 **
## factor(unit)14.0454545454545 6.583e-01 2.171e-01 3.032 0.002438 **
## factor(unit)14.0588235294118 6.690e-01 2.213e-01 3.023 0.002513 **
## factor(unit)14.0655737704918 6.280e-01 2.218e-01 2.831 0.004654 **
## factor(unit)14.0697674418605 7.326e-01 2.176e-01 3.367 0.000763 ***
## factor(unit)14.075 5.991e-01 2.214e-01 2.706 0.006830 **
## factor(unit)14.0833333333333 6.406e-01 2.213e-01 2.895 0.003796 **
## factor(unit)14.0877192982456 5.309e-01 2.187e-01 2.427 0.015232 *
## factor(unit)14.088 6.312e-01 2.217e-01 2.848 0.004414 **
## factor(unit)14.0909090909091 6.026e-01 2.212e-01 2.724 0.006466 **
## factor(unit)14.0975609756098 6.201e-01 2.218e-01 2.796 0.005179 **
## factor(unit)14.1 6.156e-01 2.153e-01 2.859 0.004257 **
## factor(unit)14.1111111111111 5.878e-01 2.174e-01 2.704 0.006862 **
## factor(unit)14.1136363636364 6.186e-01 2.217e-01 2.790 0.005284 **
## factor(unit)14.1363636363636 5.751e-01 2.183e-01 2.634 0.008455 **
## factor(unit)14.1449275362319 6.833e-01 2.133e-01 3.204 0.001359 **
## factor(unit)14.1460674157303 7.969e-01 2.208e-01 3.610 0.000308 ***
## factor(unit)14.15 7.329e-01 2.139e-01 3.427 0.000613 ***
## factor(unit)14.1515151515152 6.775e-01 2.117e-01 3.200 0.001379 **
## factor(unit)14.1538461538462 6.267e-01 1.888e-01 3.319 0.000906 ***
## factor(unit)14.168 6.981e-01 2.208e-01 3.162 0.001574 **
## factor(unit)14.1710526315789 6.980e-01 2.181e-01 3.201 0.001375 **
## factor(unit)14.1818181818182 5.821e-01 1.871e-01 3.111 0.001871 **
## factor(unit)14.1833333333333 6.934e-01 2.040e-01 3.400 0.000677 ***
## factor(unit)14.1875 5.684e-01 2.241e-01 2.537 0.011196 *
## factor(unit)14.1969696969697 6.853e-01 1.872e-01 3.661 0.000252 ***
## factor(unit)14.2 9.293e-01 2.173e-01 4.276 1.92e-05 ***
## factor(unit)14.2079207920792 7.527e-01 2.221e-01 3.390 0.000703 ***
## factor(unit)14.2083333333333 7.861e-01 2.158e-01 3.643 0.000271 ***
## factor(unit)14.2121212121212 5.290e-01 2.183e-01 2.424 0.015387 *
## factor(unit)14.2222222222222 7.706e-01 2.193e-01 3.514 0.000443 ***
## factor(unit)14.2272727272727 5.358e-01 2.218e-01 2.415 0.015745 *
## factor(unit)14.2282608695652 5.404e-01 2.208e-01 2.447 0.014419 *
## factor(unit)14.2291666666667 6.666e-01 2.207e-01 3.021 0.002529 **
## factor(unit)14.2348484848485 5.372e-01 2.204e-01 2.437 0.014826 *
## factor(unit)14.2424242424242 6.643e-01 2.123e-01 3.129 0.001759 **
## factor(unit)14.25 5.089e-01 2.193e-01 2.321 0.020310 *
## factor(unit)14.256 6.957e-01 2.204e-01 3.157 0.001600 **
## factor(unit)14.2631578947368 5.498e-01 2.221e-01 2.476 0.013313 *
## factor(unit)14.2708333333333 6.538e-01 1.548e-01 4.225 2.41e-05 ***
## factor(unit)14.2727272727273 6.398e-01 1.828e-01 3.500 0.000467 ***
## factor(unit)14.2747252747253 5.646e-01 2.210e-01 2.555 0.010628 *
## factor(unit)14.28125 6.905e-01 2.172e-01 3.179 0.001481 **
## factor(unit)14.3076923076923 6.229e-01 2.204e-01 2.827 0.004713 **
## factor(unit)14.3134328358209 5.862e-01 2.118e-01 2.768 0.005655 **

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## factor(unit)14.3181818181818 7.736e-01 1.883e-01 4.107 4.04e-05 ***
## factor(unit)14.3333333333333 6.546e-01 1.653e-01 3.961 7.52e-05 ***
## factor(unit)14.3384615384615 6.107e-01 2.203e-01 2.772 0.005584 **
## factor(unit)14.3409090909091 6.534e-01 2.125e-01 3.075 0.002109 **
## factor(unit)14.3454545454545 5.072e-01 2.040e-01 2.487 0.012910 *
## factor(unit)14.3508771929825 6.411e-01 2.213e-01 2.897 0.003778 **
## factor(unit)14.3636363636364 6.199e-01 2.180e-01 2.843 0.004477 **
## factor(unit)14.3684210526316 5.713e-01 2.228e-01 2.564 0.010354 *
## factor(unit)14.3740458015267 6.765e-01 2.180e-01 3.103 0.001921 **
## factor(unit)14.3858267716535 6.672e-01 2.039e-01 3.272 0.001073 **
## factor(unit)14.3888888888889 6.562e-01 2.178e-01 3.012 0.002598 **
## factor(unit)14.3950617283951 6.848e-01 2.230e-01 3.072 0.002135 **
## factor(unit)14.3983739837398 6.725e-01 2.172e-01 3.096 0.001965 **
## factor(unit)14.4 5.160e-01 1.683e-01 3.067 0.002168 **
## factor(unit)14.4015151515152 6.627e-01 1.651e-01 4.014 6.01e-05 ***
## factor(unit)14.4166666666667 6.705e-01 1.659e-01 4.042 5.33e-05 ***
## factor(unit)14.4242424242424 6.045e-01 2.172e-01 2.783 0.005393 **
## factor(unit)14.4366197183099 7.114e-01 2.198e-01 3.236 0.001214 **
## factor(unit)14.4375 5.553e-01 2.074e-01 2.678 0.007423 **
## factor(unit)14.4435483870968 5.877e-01 2.218e-01 2.650 0.008063 **
## factor(unit)14.45 6.747e-01 2.136e-01 3.160 0.001585 **
## factor(unit)14.453488372093 7.672e-01 2.189e-01 3.504 0.000460 ***
## factor(unit)14.4545454545455 6.531e-01 1.607e-01 4.065 4.84e-05 ***
## factor(unit)14.4552845528455 5.967e-01 2.220e-01 2.688 0.007206 **
## factor(unit)14.4653465346535 8.184e-01 2.143e-01 3.818 0.000135 ***
## factor(unit)14.4722222222222 5.877e-01 2.172e-01 2.706 0.006823 **
## factor(unit)14.4791666666667 6.388e-01 2.211e-01 2.889 0.003873 **
## factor(unit)14.49 6.931e-01 2.201e-01 3.149 0.001641 **
## factor(unit)14.4943820224719 5.814e-01 2.192e-01 2.652 0.008014 **
## factor(unit)14.5151515151515 5.653e-01 1.847e-01 3.060 0.002218 **
## factor(unit)14.5161290322581 5.311e-01 2.177e-01 2.440 0.014722 *
## factor(unit)14.5227272727273 6.019e-01 2.211e-01 2.723 0.006480 **
## factor(unit)14.5268817204301 6.900e-01 2.195e-01 3.143 0.001677 **
## factor(unit)14.528 5.991e-01 2.144e-01 2.794 0.005210 **
## factor(unit)14.5307692307692 6.023e-01 2.198e-01 2.739 0.006165 **
## factor(unit)14.531914893617 5.415e-01 1.545e-01 3.504 0.000461 ***
## factor(unit)14.5384615384615 6.763e-01 2.074e-01 3.261 0.001113 **
## factor(unit)14.5398230088496 5.850e-01 2.190e-01 2.671 0.007574 **
## factor(unit)14.544 6.354e-01 2.160e-01 2.941 0.003276 **
## factor(unit)14.5833333333333 6.291e-01 2.191e-01 2.871 0.004096 **
## factor(unit)14.5853658536585 7.890e-01 2.181e-01 3.617 0.000299 ***
## factor(unit)14.5909090909091 6.083e-01 2.197e-01 2.769 0.005631 **
## factor(unit)14.5984848484848 5.839e-01 2.039e-01 2.864 0.004188 **
## factor(unit)14.6 6.081e-01 1.666e-01 3.650 0.000264 ***
## factor(unit)14.6195652173913 5.924e-01 2.142e-01 2.766 0.005692 **
## factor(unit)14.6287878787879 6.221e-01 1.851e-01 3.361 0.000780 ***
## factor(unit)14.6363636363636 5.864e-01 1.432e-01 4.096 4.24e-05 ***
## factor(unit)14.6384615384615 5.795e-01 2.191e-01 2.645 0.008180 **
## factor(unit)14.6439393939394 6.454e-01 2.186e-01 2.952 0.003163 **
## factor(unit)14.6515151515152 7.155e-01 2.200e-01 3.253 0.001147 **
## factor(unit)14.6551724137931 6.337e-01 2.037e-01 3.110 0.001875 **
## factor(unit)14.6666666666667 6.159e-01 1.606e-01 3.834 0.000127 ***
## factor(unit)14.6742424242424 6.903e-01 2.186e-01 3.158 0.001592 **
## factor(unit)14.6966292134831 7.562e-01 2.180e-01 3.470 0.000524 ***

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## factor(unit)14.7045454545455 6.873e-01 2.166e-01 3.173 0.001512 **
## factor(unit)14.7096774193548 6.523e-01 2.209e-01 2.953 0.003158 **
## factor(unit)14.7169811320755 5.398e-01 2.134e-01 2.529 0.011439 *
## factor(unit)14.7272727272727 6.910e-01 1.845e-01 3.744 0.000182 ***
## factor(unit)14.7348484848485 5.958e-01 2.220e-01 2.684 0.007289 **
## factor(unit)14.7479674796748 7.364e-01 2.165e-01 3.402 0.000672 ***
## factor(unit)14.7575757575758 7.630e-01 2.163e-01 3.527 0.000423 ***
## factor(unit)14.7674418604651 5.913e-01 2.038e-01 2.902 0.003714 **
## factor(unit)14.780487804878 7.161e-01 2.180e-01 3.286 0.001021 **
## factor(unit)14.7948717948718 6.122e-01 2.133e-01 2.870 0.004117 **
## factor(unit)14.7954545454545 7.269e-01 2.190e-01 3.319 0.000907 ***
## factor(unit)14.804347826087 6.180e-01 1.544e-01 4.003 6.31e-05 ***
## factor(unit)14.8181818181818 6.294e-01 1.765e-01 3.566 0.000364 ***
## factor(unit)14.825 6.209e-01 1.866e-01 3.327 0.000880 ***
## factor(unit)14.832 6.157e-01 2.204e-01 2.793 0.005228 **
## factor(unit)14.8333333333333 6.737e-01 2.224e-01 3.029 0.002462 **
## factor(unit)14.8461538461538 6.891e-01 2.233e-01 3.086 0.002035 **
## factor(unit)14.8473282442748 6.173e-01 2.149e-01 2.873 0.004079 **
## factor(unit)14.8571428571429 6.934e-01 2.178e-01 3.184 0.001459 **
## factor(unit)14.8625954198473 6.052e-01 2.171e-01 2.787 0.005333 **
## factor(unit)14.8655462184874 6.028e-01 2.094e-01 2.879 0.004000 **
## factor(unit)14.8823529411765 6.478e-01 2.234e-01 2.899 0.003747 **
## factor(unit)14.9024390243902 7.101e-01 2.221e-01 3.198 0.001389 **
## factor(unit)14.9032258064516 6.634e-01 2.196e-01 3.021 0.002529 **
## factor(unit)14.90625 6.332e-01 2.180e-01 2.905 0.003684 **
## factor(unit)14.9090909090909 7.197e-01 2.164e-01 3.326 0.000884 ***
## factor(unit)14.9166666666667 7.054e-01 2.219e-01 3.179 0.001484 **
## factor(unit)14.925 5.578e-01 2.179e-01 2.560 0.010491 *
## factor(unit)14.9285714285714 5.631e-01 2.200e-01 2.560 0.010495 *
## factor(unit)14.9320388349515 6.088e-01 2.134e-01 2.853 0.004339 **
## factor(unit)14.9375 5.978e-01 2.217e-01 2.697 0.007013 **
## factor(unit)14.9565217391304 7.372e-01 2.225e-01 3.314 0.000924 ***
## factor(unit)14.9652173913043 6.565e-01 2.155e-01 3.046 0.002322 **
## factor(unit)14.9734513274336 8.146e-01 2.146e-01 3.795 0.000148 ***
## factor(unit)14.9775280898876 6.081e-01 2.211e-01 2.750 0.005963 **
## factor(unit)14.987012987013 6.169e-01 2.212e-01 2.788 0.005307 **
## factor(unit)14.9905660377358 6.437e-01 2.220e-01 2.900 0.003736 **
## factor(unit)15 6.372e-01 1.450e-01 4.394 1.13e-05 ***
## factor(unit)15.0227272727273 6.830e-01 2.221e-01 3.075 0.002113 **
## factor(unit)15.030303030303 5.255e-01 2.201e-01 2.388 0.016972 *
## factor(unit)15.05 5.002e-01 2.063e-01 2.425 0.015322 *
## factor(unit)15.056338028169 6.128e-01 2.178e-01 2.814 0.004903 **
## factor(unit)15.0606060606061 7.077e-01 2.088e-01 3.389 0.000705 ***
## factor(unit)15.0615384615385 6.685e-01 2.224e-01 3.006 0.002655 **
## factor(unit)15.0661157024793 6.707e-01 1.847e-01 3.632 0.000283 ***
## factor(unit)15.0740740740741 6.921e-01 2.213e-01 3.128 0.001765 **
## factor(unit)15.078431372549 5.857e-01 2.140e-01 2.737 0.006210 **
## factor(unit)15.0888888888889 7.330e-01 2.032e-01 3.607 0.000311 ***
## factor(unit)15.0892857142857 5.837e-01 2.137e-01 2.732 0.006314 **
## factor(unit)15.0900900900901 6.046e-01 2.175e-01 2.780 0.005454 **
## factor(unit)15.0901639344262 5.661e-01 2.074e-01 2.729 0.006359 **
## factor(unit)15.0975609756098 6.739e-01 2.166e-01 3.112 0.001865 **
## factor(unit)15.1052631578947 7.298e-01 2.198e-01 3.320 0.000902 ***
## factor(unit)15.1060606060606 6.274e-01 2.177e-01 2.881 0.003969 **

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## factor(unit)15.1212121212121 7.146e-01 1.853e-01 3.856 0.000116 ***
## factor(unit)15.126213592233 6.212e-01 2.171e-01 2.861 0.004227 **
## factor(unit)15.1304347826087 5.803e-01 2.226e-01 2.608 0.009132 **
## factor(unit)15.1308411214953 7.431e-01 2.179e-01 3.409 0.000653 ***
## factor(unit)15.1363636363636 6.325e-01 1.895e-01 3.338 0.000846 ***
## factor(unit)15.1372549019608 7.245e-01 2.179e-01 3.324 0.000889 ***
## factor(unit)15.1454545454545 5.422e-01 2.167e-01 2.502 0.012352 *
## factor(unit)15.1553398058252 6.581e-01 2.167e-01 3.037 0.002397 **
## factor(unit)15.1578947368421 6.253e-01 2.171e-01 2.880 0.003990 **
## factor(unit)15.1666666666667 6.286e-01 2.189e-01 2.872 0.004088 **
## factor(unit)15.1702127659574 6.283e-01 1.891e-01 3.323 0.000893 ***
## factor(unit)15.172131147541 7.244e-01 2.175e-01 3.330 0.000872 ***
## factor(unit)15.1764705882353 5.057e-01 2.180e-01 2.319 0.020402 *
## factor(unit)15.1891891891892 7.005e-01 2.177e-01 3.218 0.001294 **
## factor(unit)15.1910112359551 5.813e-01 2.187e-01 2.658 0.007867 **
## factor(unit)15.1969696969697 5.925e-01 2.182e-01 2.716 0.006619 **
## factor(unit)15.2 7.522e-01 1.760e-01 4.275 1.93e-05 ***
## factor(unit)15.2020202020202 6.190e-01 2.171e-01 2.852 0.004357 **
## factor(unit)15.2045454545455 7.301e-01 2.065e-01 3.536 0.000409 ***
## factor(unit)15.2121212121212 5.539e-01 2.122e-01 2.610 0.009071 **
## factor(unit)15.2135922330097 5.950e-01 2.176e-01 2.734 0.006260 **
## factor(unit)15.2222222222222 7.319e-01 2.116e-01 3.459 0.000544 ***
## factor(unit)15.2231404958678 6.166e-01 2.174e-01 2.836 0.004579 **
## factor(unit)15.2235294117647 5.995e-01 2.217e-01 2.703 0.006875 **
## factor(unit)15.2272727272727 6.588e-01 1.860e-01 3.541 0.000400 ***
## factor(unit)15.2359550561798 5.516e-01 2.031e-01 2.716 0.006617 **
## factor(unit)15.2376237623762 7.498e-01 2.194e-01 3.417 0.000636 ***
## factor(unit)15.2424242424242 6.968e-01 2.139e-01 3.258 0.001124 **
## factor(unit)15.25 5.284e-01 2.206e-01 2.396 0.016615 *
## factor(unit)15.2727272727273 5.936e-01 1.877e-01 3.163 0.001568 **
## factor(unit)15.2985074626866 8.007e-01 2.176e-01 3.680 0.000235 ***
## factor(unit)15.3025210084034 6.230e-01 2.176e-01 2.863 0.004200 **
## factor(unit)15.3229166666667 6.222e-01 2.226e-01 2.795 0.005200 **
## factor(unit)15.3257575757576 6.479e-01 2.173e-01 2.982 0.002872 **
## factor(unit)15.3333333333333 5.211e-01 1.720e-01 3.030 0.002451 **
## factor(unit)15.3524590163934 7.191e-01 2.220e-01 3.239 0.001203 **
## factor(unit)15.3560606060606 6.731e-01 2.171e-01 3.101 0.001936 **
## factor(unit)15.3561643835616 7.958e-01 2.196e-01 3.624 0.000292 ***
## factor(unit)15.375 6.273e-01 2.130e-01 2.945 0.003239 **
## factor(unit)15.3790322580645 6.015e-01 2.163e-01 2.781 0.005429 **
## factor(unit)15.381679389313 5.449e-01 2.192e-01 2.486 0.012938 *
## factor(unit)15.3863636363636 5.720e-01 1.676e-01 3.414 0.000644 ***
## factor(unit)15.3888888888889 6.484e-01 2.160e-01 3.002 0.002688 **
## factor(unit)15.3939393939394 5.683e-01 2.071e-01 2.744 0.006081 **
## factor(unit)15.3982300884956 6.368e-01 1.869e-01 3.407 0.000658 ***
## factor(unit)15.4166666666667 5.874e-01 2.194e-01 2.677 0.007436 **
## factor(unit)15.4186046511628 6.474e-01 2.157e-01 3.001 0.002695 **
## factor(unit)15.4210526315789 7.885e-01 2.215e-01 3.559 0.000374 ***
## factor(unit)15.4318181818182 6.622e-01 1.894e-01 3.496 0.000474 ***
## factor(unit)15.4444444444444 8.078e-01 2.229e-01 3.624 0.000291 ***
## factor(unit)15.4545454545455 5.827e-01 2.179e-01 2.674 0.007511 **
## factor(unit)15.469696969697 6.347e-01 2.170e-01 2.925 0.003454 **
## factor(unit)15.4848484848485 6.705e-01 2.174e-01 3.084 0.002050 **
## factor(unit)15.5 6.400e-01 1.740e-01 3.677 0.000237 ***

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## factor(unit)15.511811023622 5.949e-01 2.166e-01 2.746 0.006042 **
## factor(unit)15.5135135135135 6.166e-01 2.068e-01 2.981 0.002876 **
## factor(unit)15.5151515151515 5.938e-01 2.213e-01 2.683 0.007302 **
## factor(unit)15.5153846153846 6.241e-01 2.228e-01 2.801 0.005105 **
## factor(unit)15.5185185185185 6.878e-01 2.231e-01 3.082 0.002060 **
## factor(unit)15.5238095238095 6.228e-01 2.140e-01 2.910 0.003617 **
## factor(unit)15.5333333333333 6.718e-01 2.202e-01 3.050 0.002293 **
## factor(unit)15.5353535353535 7.212e-01 2.186e-01 3.300 0.000971 ***
## factor(unit)15.5402298850575 6.271e-01 2.030e-01 3.089 0.002011 **
## factor(unit)15.5454545454545 6.041e-01 1.887e-01 3.201 0.001373 **
## factor(unit)15.55 5.812e-01 2.231e-01 2.605 0.009198 **
## factor(unit)15.551724137931 6.040e-01 2.220e-01 2.721 0.006524 **
## factor(unit)15.5757575757576 6.305e-01 2.204e-01 2.860 0.004240 **
## factor(unit)15.5813953488372 6.969e-01 2.180e-01 3.197 0.001394 **
## factor(unit)15.5882352941176 6.486e-01 2.024e-01 3.204 0.001360 **
## factor(unit)15.5887096774194 7.057e-01 2.147e-01 3.286 0.001018 **
## factor(unit)15.5909090909091 6.813e-01 2.218e-01 3.071 0.002136 **
## factor(unit)15.6 7.493e-01 2.214e-01 3.384 0.000718 ***
## factor(unit)15.6060606060606 5.889e-01 1.822e-01 3.233 0.001229 **
## factor(unit)15.608 7.051e-01 2.220e-01 3.177 0.001495 **
## factor(unit)15.6265060240964 5.382e-01 2.183e-01 2.465 0.013724 *
## factor(unit)15.6271186440678 6.408e-01 2.187e-01 2.930 0.003401 **
## factor(unit)15.6287878787879 6.771e-01 2.205e-01 3.071 0.002137 **
## factor(unit)15.6363636363636 6.108e-01 1.765e-01 3.461 0.000540 ***
## factor(unit)15.6438356164384 4.958e-01 2.188e-01 2.267 0.023434 *
## factor(unit)15.6484375 6.626e-01 2.234e-01 2.965 0.003030 **
## factor(unit)15.6666666666667 5.634e-01 1.891e-01 2.979 0.002897 **
## factor(unit)15.6712328767123 6.636e-01 2.131e-01 3.114 0.001853 **
## factor(unit)15.6742424242424 6.004e-01 2.209e-01 2.718 0.006587 **
## factor(unit)15.675 7.812e-01 2.198e-01 3.555 0.000380 ***
## factor(unit)15.6818181818182 6.263e-01 2.174e-01 2.881 0.003969 **
## factor(unit)15.6857142857143 5.281e-01 2.200e-01 2.401 0.016383 *
## factor(unit)15.6893939393939 5.503e-01 2.179e-01 2.526 0.011567 *
## factor(unit)15.7012987012987 6.917e-01 2.215e-01 3.122 0.001802 **
## factor(unit)15.7142857142857 7.741e-01 2.151e-01 3.599 0.000321 ***
## factor(unit)15.71875 7.677e-01 2.216e-01 3.464 0.000534 ***
## factor(unit)15.7244094488189 6.402e-01 2.206e-01 2.903 0.003709 **
## factor(unit)15.7272727272727 6.061e-01 1.799e-01 3.370 0.000755 ***
## factor(unit)15.7348484848485 6.483e-01 2.145e-01 3.023 0.002513 **
## factor(unit)15.7368421052632 6.583e-01 2.183e-01 3.016 0.002568 **
## factor(unit)15.7454545454545 5.566e-01 2.231e-01 2.496 0.012592 *
## factor(unit)15.7619047619048 6.363e-01 1.668e-01 3.815 0.000137 ***
## factor(unit)15.7837837837838 6.278e-01 2.199e-01 2.854 0.004322 **
## factor(unit)15.7984496124031 7.300e-01 2.182e-01 3.345 0.000825 ***
## factor(unit)15.8 8.448e-01 1.859e-01 4.544 5.57e-06 ***
## factor(unit)15.8264462809917 5.729e-01 2.203e-01 2.601 0.009321 **
## factor(unit)15.8333333333333 7.098e-01 2.200e-01 3.226 0.001259 **
## factor(unit)15.8409090909091 5.765e-01 2.238e-01 2.576 0.010015 *
## factor(unit)15.8421052631579 5.057e-01 2.171e-01 2.329 0.019855 *
## factor(unit)15.8524590163934 6.743e-01 2.182e-01 3.090 0.002004 **
## factor(unit)15.8552631578947 7.399e-01 2.222e-01 3.329 0.000873 ***
## factor(unit)15.8588235294118 5.844e-01 2.027e-01 2.883 0.003950 **
## factor(unit)15.8636363636364 6.881e-01 2.227e-01 3.090 0.002007 **
## factor(unit)15.875 7.490e-01 2.222e-01 3.371 0.000751 ***

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## factor(unit)15.88      7.813e-01  2.119e-01  3.686 0.000229 ***
## factor(unit)15.8939393939394 6.704e-01  2.088e-01  3.211 0.001329 **
## factor(unit)15.9015151515152 6.469e-01  2.189e-01  2.956 0.003127 **
## factor(unit)15.9076923076923 6.171e-01  2.130e-01  2.898 0.003765 **
## factor(unit)15.9090909090909 5.982e-01  1.838e-01  3.255 0.001136 **
## factor(unit)15.9139784946237 5.280e-01  2.162e-01  2.442 0.014616 *
## factor(unit)15.9191919191919 5.686e-01  2.231e-01  2.548 0.010843 *
## factor(unit)15.9230769230769 3.961e-01  2.121e-01  1.868 0.061803 .
## factor(unit)15.9240506329114 6.239e-01  2.157e-01  2.892 0.003841 **
## factor(unit)15.9318181818182 6.414e-01  2.214e-01  2.896 0.003782 **
## factor(unit)15.9393939393939 8.009e-01  2.227e-01  3.597 0.000324 ***
## factor(unit)15.9469696969697 6.432e-01  1.770e-01  3.634 0.000280 ***
## factor(unit)15.9541984732824 6.358e-01  2.238e-01  2.841 0.004506 **
## factor(unit)15.9545454545455 6.193e-01  2.123e-01  2.916 0.003548 **
## factor(unit)15.9583333333333 5.786e-01  2.233e-01  2.591 0.009597 **
## factor(unit)15.9586776859504 6.956e-01  2.119e-01  3.283 0.001030 **
## factor(unit)15.9621212121212 6.497e-01  2.170e-01  2.994 0.002758 **
## factor(unit)15.9642857142857 7.718e-01  2.165e-01  3.565 0.000366 ***
## factor(unit)15.9696969696969 6.129e-01  2.186e-01  2.805 0.005048 **
## factor(unit)15.9852941176471 6.477e-01  2.184e-01  2.965 0.003031 **
## factor(unit)16         6.542e-01  1.546e-01  4.232 2.33e-05 ***
## factor(unit)16.0151515151515 7.162e-01  2.227e-01  3.216 0.001303 **
## factor(unit)16.0238095238095 6.505e-01  1.416e-01  4.593 4.43e-06 ***
## factor(unit)16.030303030303 5.899e-01  2.198e-01  2.684 0.007294 **
## factor(unit)16.037037037037 5.280e-01  2.213e-01  2.386 0.017065 *
## factor(unit)16.0434782608696 5.880e-01  2.215e-01  2.655 0.007944 **
## factor(unit)16.0454545454545 7.073e-01  2.239e-01  3.159 0.001589 **
## factor(unit)16.0505050505051 6.060e-01  2.219e-01  2.731 0.006321 **
## factor(unit)16.0625      7.956e-01  2.230e-01  3.567 0.000362 ***
## factor(unit)16.0681818181818 6.023e-01  1.918e-01  3.140 0.001697 **
## factor(unit)16.0757575757576 6.543e-01  2.238e-01  2.924 0.003467 **
## factor(unit)16.0833333333333 6.577e-01  2.078e-01  3.165 0.001557 **
## factor(unit)16.0909090909091 5.855e-01  1.679e-01  3.488 0.000488 ***
## factor(unit)16.1052631578947 5.722e-01  2.191e-01  2.612 0.009010 **
## factor(unit)16.1060606060606 6.600e-01  2.224e-01  2.967 0.003013 **
## factor(unit)16.1212121212121 6.113e-01  2.147e-01  2.847 0.004417 **
## factor(unit)16.125      7.814e-01  1.675e-01  4.665 3.12e-06 ***
## factor(unit)16.1287878787879 7.176e-01  1.859e-01  3.860 0.000114 ***
## factor(unit)16.1315789473684 6.570e-01  2.147e-01  3.059 0.002224 **
## factor(unit)16.1333333333333 6.431e-01  2.218e-01  2.900 0.003742 **
## factor(unit)16.1395348837209 6.698e-01  2.211e-01  3.029 0.002463 **
## factor(unit)16.1417322834646 6.321e-01  2.186e-01  2.891 0.003843 **
## factor(unit)16.1439393939394 6.279e-01  2.220e-01  2.829 0.004682 **
## factor(unit)16.1515151515152 5.871e-01  2.138e-01  2.745 0.006053 **
## factor(unit)16.1521739130435 5.419e-01  2.212e-01  2.450 0.014302 *
## factor(unit)16.1538461538462 7.061e-01  2.218e-01  3.183 0.001462 **
## factor(unit)16.1636363636364 6.851e-01  2.217e-01  3.090 0.002006 **
## factor(unit)16.1666666666667 5.542e-01  2.184e-01  2.537 0.011191 *
## factor(unit)16.1685393258427 8.420e-01  2.198e-01  3.830 0.000129 ***
## factor(unit)16.1720430107527 7.431e-01  2.215e-01  3.354 0.000799 ***
## factor(unit)16.1742424242424 6.947e-01  2.216e-01  3.135 0.001722 **
## factor(unit)16.1818181818182 6.380e-01  1.720e-01  3.709 0.000209 ***
## factor(unit)16.1891891891892 8.207e-01  2.191e-01  3.746 0.000181 ***
## factor(unit)16.1893939393939 6.802e-01  2.213e-01  3.073 0.002126 **

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## factor(unit)16.1927710843373 5.325e-01 2.026e-01 2.629 0.008584 **
## factor(unit)16.1968503937008 7.071e-01 2.178e-01 3.246 0.001173 **
## factor(unit)16.2021276595745 6.823e-01 2.211e-01 3.085 0.002038 **
## factor(unit)16.2045454545455 6.540e-01 1.872e-01 3.494 0.000477 ***
## factor(unit)16.2121212121212 6.692e-01 1.673e-01 3.999 6.41e-05 ***
## factor(unit)16.2134831460674 5.179e-01 2.211e-01 2.343 0.019160 *
## factor(unit)16.21875 6.494e-01 2.209e-01 2.939 0.003298 **
## factor(unit)16.219512195122 6.708e-01 2.210e-01 3.036 0.002407 **
## factor(unit)16.2265625 6.618e-01 2.142e-01 3.090 0.002004 **
## factor(unit)16.2291666666667 5.845e-01 2.208e-01 2.647 0.008144 **
## factor(unit)16.2424242424242 5.373e-01 2.234e-01 2.405 0.016193 *
## factor(unit)16.2682926829268 4.989e-01 2.212e-01 2.255 0.024146 *
## factor(unit)16.27 6.614e-01 2.206e-01 2.999 0.002720 **
## factor(unit)16.2727272727273 6.575e-01 1.666e-01 3.947 7.95e-05 ***
## factor(unit)16.28125 5.892e-01 2.129e-01 2.768 0.005657 **
## factor(unit)16.2929292929293 6.488e-01 2.143e-01 3.028 0.002469 **
## factor(unit)16.3 6.865e-01 2.241e-01 3.063 0.002198 **
## factor(unit)16.3106060606061 5.405e-01 2.148e-01 2.516 0.011886 *
## factor(unit)16.3189655172414 7.685e-01 2.197e-01 3.499 0.000470 ***
## factor(unit)16.3207547169811 5.740e-01 2.113e-01 2.717 0.006604 **
## factor(unit)16.3269230769231 6.897e-01 2.109e-01 3.271 0.001076 **
## factor(unit)16.3333333333333 6.083e-01 1.609e-01 3.781 0.000157 ***
## factor(unit)16.3461538461538 7.173e-01 2.137e-01 3.357 0.000791 ***
## factor(unit)16.3544303797468 6.060e-01 2.142e-01 2.829 0.004682 **
## factor(unit)16.3565217391304 6.166e-01 2.174e-01 2.836 0.004580 **
## factor(unit)16.36 6.973e-01 2.196e-01 3.175 0.001503 **
## factor(unit)16.3636363636364 6.137e-01 1.658e-01 3.702 0.000215 ***
## factor(unit)16.3658536585366 5.973e-01 1.670e-01 3.578 0.000348 ***
## factor(unit)16.3703703703704 5.665e-01 2.210e-01 2.563 0.010381 *
## factor(unit)16.376 6.117e-01 2.123e-01 2.882 0.003964 **
## factor(unit)16.3863636363636 5.670e-01 2.219e-01 2.555 0.010619 *
## factor(unit)16.3939393939394 6.113e-01 2.238e-01 2.732 0.006308 **
## factor(unit)16.4 7.466e-01 2.186e-01 3.416 0.000638 ***
## factor(unit)16.4017094017094 7.236e-01 2.216e-01 3.266 0.001095 **
## factor(unit)16.4210526315789 5.696e-01 2.193e-01 2.598 0.009392 **
## factor(unit)16.4247787610619 6.453e-01 2.153e-01 2.997 0.002737 **
## factor(unit)16.4251968503937 5.751e-01 2.233e-01 2.576 0.010022 *
## factor(unit)16.4473684210526 6.658e-01 2.182e-01 3.051 0.002286 **
## factor(unit)16.4621212121212 6.623e-01 2.224e-01 2.978 0.002904 **
## factor(unit)16.468253968254 6.193e-01 2.126e-01 2.913 0.003588 **
## factor(unit)16.4705882352941 7.038e-01 2.234e-01 3.150 0.001635 **
## factor(unit)16.4901960784314 5.135e-01 2.193e-01 2.341 0.019249 *
## factor(unit)16.5 7.062e-01 1.843e-01 3.833 0.000127 ***
## factor(unit)16.5075757575758 5.981e-01 2.132e-01 2.806 0.005033 **
## factor(unit)16.511811023622 5.349e-01 2.128e-01 2.513 0.011984 *
## factor(unit)16.5145631067961 5.090e-01 2.226e-01 2.286 0.022246 *
## factor(unit)16.5151515151515 6.870e-01 2.137e-01 3.214 0.001312 **
## factor(unit)16.5227272727273 5.756e-01 2.239e-01 2.571 0.010160 *
## factor(unit)16.5263157894737 5.543e-01 2.173e-01 2.551 0.010751 *
## factor(unit)16.5378787878788 6.820e-01 2.240e-01 3.045 0.002333 **
## factor(unit)16.5434782608696 6.873e-01 2.168e-01 3.170 0.001528 **
## factor(unit)16.55 5.930e-01 2.167e-01 2.736 0.006221 **
## factor(unit)16.5606060606061 6.081e-01 2.221e-01 2.738 0.006185 **
## factor(unit)16.5714285714286 6.768e-01 2.219e-01 3.050 0.002292 **

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## factor(unit)16.5728155339806 6.678e-01 2.126e-01 3.140 0.001694 **
## factor(unit)16.5757575757576 6.490e-01 2.181e-01 2.976 0.002928 **
## factor(unit)16.58 6.348e-01 2.156e-01 2.944 0.003249 **
## factor(unit)16.5833333333333 7.182e-01 2.128e-01 3.375 0.000741 ***
## factor(unit)16.5909090909091 5.732e-01 2.226e-01 2.576 0.010018 *
## factor(unit)16.5916666666667 5.932e-01 2.217e-01 2.676 0.007458 **
## factor(unit)16.5945945945946 8.159e-01 2.129e-01 3.832 0.000128 ***
## factor(unit)16.6060606060606 5.479e-01 2.162e-01 2.535 0.011268 *
## factor(unit)16.6086956521739 5.933e-01 2.234e-01 2.656 0.007914 **
## factor(unit)16.6136363636364 6.772e-01 1.899e-01 3.566 0.000365 ***
## factor(unit)16.6206896551724 7.522e-01 2.159e-01 3.484 0.000497 ***
## factor(unit)16.6212121212121 6.504e-01 2.179e-01 2.985 0.002845 **
## factor(unit)16.622641509434 5.200e-01 2.214e-01 2.348 0.018885 *
## factor(unit)16.6229508196721 5.800e-01 2.231e-01 2.599 0.009350 **
## factor(unit)16.6323529411765 6.103e-01 2.149e-01 2.840 0.004523 **
## factor(unit)16.6363636363636 6.096e-01 1.913e-01 3.187 0.001442 **
## factor(unit)16.6578947368421 7.359e-01 2.209e-01 3.332 0.000865 ***
## factor(unit)16.6666666666667 5.678e-01 1.818e-01 3.122 0.001799 **
## factor(unit)16.6893939393939 6.888e-01 2.152e-01 3.201 0.001374 **
## factor(unit)16.7121212121212 6.695e-01 1.796e-01 3.728 0.000194 ***
## factor(unit)16.7191011235955 5.566e-01 2.119e-01 2.627 0.008619 **
## factor(unit)16.7272727272727 6.302e-01 2.217e-01 2.843 0.004479 **
## factor(unit)16.7424242424242 5.773e-01 2.193e-01 2.632 0.008492 **
## factor(unit)16.7441860465116 6.655e-01 2.145e-01 3.103 0.001923 **
## factor(unit)16.75 6.366e-01 1.852e-01 3.438 0.000589 ***
## factor(unit)16.7547169811321 6.582e-01 2.167e-01 3.038 0.002391 **
## factor(unit)16.7575757575758 6.932e-01 1.889e-01 3.670 0.000244 ***
## factor(unit)16.7586206896552 6.516e-01 2.213e-01 2.944 0.003245 **
## factor(unit)16.7666666666667 5.994e-01 2.214e-01 2.707 0.006803 **
## factor(unit)16.7722772277228 6.508e-01 2.142e-01 3.038 0.002387 **
## factor(unit)16.7727272727273 6.146e-01 1.825e-01 3.367 0.000763 ***
## factor(unit)16.7796610169492 5.562e-01 2.199e-01 2.529 0.011449 *
## factor(unit)16.7837837837838 5.892e-01 2.122e-01 2.777 0.005501 **
## factor(unit)16.7878787878788 7.175e-01 2.230e-01 3.217 0.001298 **
## factor(unit)16.7961165048544 5.096e-01 2.132e-01 2.390 0.016857 *
## factor(unit)16.8073394495413 7.211e-01 2.214e-01 3.257 0.001129 **
## factor(unit)16.8106060606061 6.311e-01 2.164e-01 2.917 0.003541 **
## factor(unit)16.8125 5.895e-01 2.122e-01 2.778 0.005476 **
## factor(unit)16.8181818181818 6.116e-01 2.178e-01 2.808 0.005001 **
## factor(unit)16.8257575757576 6.361e-01 2.136e-01 2.978 0.002904 **
## factor(unit)16.8301886792453 6.238e-01 2.117e-01 2.946 0.003226 **
## factor(unit)16.8333333333333 6.703e-01 1.706e-01 3.930 8.55e-05 ***
## factor(unit)16.85 7.701e-01 2.189e-01 3.517 0.000438 ***
## factor(unit)16.856 6.172e-01 2.148e-01 2.873 0.004069 **
## factor(unit)16.864406779661 5.647e-01 2.216e-01 2.549 0.010832 *
## factor(unit)16.8666666666667 7.169e-01 2.208e-01 3.247 0.001172 **
## factor(unit)16.8712871287129 6.788e-01 2.198e-01 3.089 0.002014 **
## factor(unit)16.8842105263158 5.730e-01 2.178e-01 2.631 0.008533 **
## factor(unit)16.8863636363636 6.012e-01 1.739e-01 3.457 0.000548 ***
## factor(unit)16.8888888888889 5.958e-01 2.221e-01 2.682 0.007324 **
## factor(unit)16.9113924050633 6.411e-01 2.022e-01 3.170 0.001528 **
## factor(unit)16.9242424242424 6.203e-01 2.055e-01 3.019 0.002544 **
## factor(unit)16.9285714285714 5.830e-01 2.229e-01 2.616 0.008923 **
## factor(unit)16.9318181818182 6.684e-01 2.100e-01 3.183 0.001463 **

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## factor(unit)16.95      6.975e-01  1.863e-01  3.743 0.000183 ***
## factor(unit)16.962962962963  7.097e-01  2.181e-01  3.255 0.001139 **
## factor(unit)16.9823008849558  5.838e-01  2.159e-01  2.705 0.006850 **
## factor(unit)17      6.450e-01  1.366e-01  4.723 2.35e-06 ***
## factor(unit)17.0075757575758  6.945e-01  2.156e-01  3.221 0.001283 **
## factor(unit)17.0151515151515  5.097e-01  2.221e-01  2.294 0.021798 *
## factor(unit)17.0353982300885  6.225e-01  2.232e-01  2.789 0.005294 **
## factor(unit)17.0461538461538  5.899e-01  2.183e-01  2.702 0.006911 **
## factor(unit)17.0593220338983  7.443e-01  2.126e-01  3.501 0.000465 ***
## factor(unit)17.0681818181818  6.392e-01  2.212e-01  2.890 0.003860 **
## factor(unit)17.0779220779221  6.042e-01  2.200e-01  2.747 0.006028 **
## factor(unit)17.0854700854701  6.365e-01  2.126e-01  2.994 0.002761 **
## factor(unit)17.1      6.091e-01  2.217e-01  2.747 0.006031 **
## factor(unit)17.1012658227848  6.364e-01  2.144e-01  2.968 0.003000 **
## factor(unit)17.1025641025641  5.705e-01  1.528e-01  3.735 0.000189 ***
## factor(unit)17.1060606060606  6.528e-01  2.223e-01  2.937 0.003323 **
## factor(unit)17.1081081081081  4.026e-01  2.216e-01  1.817 0.069263 .
## factor(unit)17.1111111111111  6.857e-01  2.219e-01  3.089 0.002011 **
## factor(unit)17.1304347826087  6.041e-01  2.224e-01  2.716 0.006616 **
## factor(unit)17.1481481481481  5.787e-01  2.118e-01  2.732 0.006297 **
## factor(unit)17.1643835616438  5.052e-01  2.128e-01  2.375 0.017589 *
## factor(unit)17.1764705882353  6.142e-01  2.186e-01  2.810 0.004961 **
## factor(unit)17.2016806722689  5.813e-01  2.185e-01  2.661 0.007808 **
## factor(unit)17.2045454545455  7.099e-01  2.082e-01  3.410 0.000653 ***
## factor(unit)17.2142857142857  6.703e-01  2.171e-01  3.087 0.002026 **
## factor(unit)17.2314814814815  5.720e-01  2.191e-01  2.610 0.009056 **
## factor(unit)17.2352941176471  9.192e-01  2.206e-01  4.167 3.11e-05 ***
## factor(unit)17.256      6.914e-01  2.161e-01  3.199 0.001384 **
## factor(unit)17.2666666666667  6.369e-01  2.218e-01  2.871 0.004099 **
## factor(unit)17.2822580645161  5.476e-01  2.212e-01  2.476 0.013316 *
## factor(unit)17.2857142857143  1.070e+00  2.125e-01  5.036 4.83e-07 ***
## factor(unit)17.3023255813953  6.594e-01  2.213e-01  2.979 0.002895 **
## factor(unit)17.3030303030303  6.636e-01  1.921e-01  3.454 0.000554 ***
## factor(unit)17.328125      5.458e-01  2.172e-01  2.513 0.011975 *
## factor(unit)17.3333333333333  5.582e-01  1.909e-01  2.923 0.003473 **
## factor(unit)17.3543307086614  6.179e-01  2.116e-01  2.921 0.003500 **
## factor(unit)17.3636363636364  6.234e-01  1.748e-01  3.566 0.000364 ***
## factor(unit)17.375      5.932e-01  2.129e-01  2.786 0.005354 **
## factor(unit)17.3939393939394  5.769e-01  2.219e-01  2.600 0.009337 **
## factor(unit)17.3958333333333  5.979e-01  2.227e-01  2.685 0.007266 **
## factor(unit)17.4074074074074  5.837e-01  2.144e-01  2.722 0.006506 **
## factor(unit)17.4210526315789  4.882e-01  2.186e-01  2.234 0.025519 *
## factor(unit)17.4255319148936  7.141e-01  2.139e-01  3.338 0.000846 ***
## factor(unit)17.4545454545455  6.664e-01  2.213e-01  3.011 0.002608 **
## factor(unit)17.4651162790698  7.608e-01  2.190e-01  3.474 0.000514 ***
## factor(unit)17.4690265486726  6.535e-01  2.161e-01  3.024 0.002500 **
## factor(unit)17.469696969697  7.352e-01  2.196e-01  3.347 0.000820 ***
## factor(unit)17.4769230769231  7.385e-01  2.225e-01  3.319 0.000907 ***
## factor(unit)17.4772727272727  6.365e-01  2.211e-01  2.879 0.003997 **
## factor(unit)17.4848484848485  7.175e-01  2.155e-01  3.329 0.000874 ***
## factor(unit)17.5      5.596e-01  2.244e-01  2.494 0.012646 *
## factor(unit)17.5142857142857  6.223e-01  2.184e-01  2.849 0.004400 **
## factor(unit)17.5301204819277  7.445e-01  2.177e-01  3.419 0.000631 ***
## factor(unit)17.530303030303  6.138e-01  2.210e-01  2.777 0.005491 **

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## factor(unit)17.5378787878788 6.307e-01 2.189e-01 2.881 0.003971 **
## factor(unit)17.5416666666667 5.803e-01 2.153e-01 2.695 0.007051 **
## factor(unit)17.5438596491228 6.860e-01 2.222e-01 3.088 0.002021 **
## factor(unit)17.5454545454545 6.047e-01 1.819e-01 3.324 0.000889 ***
## factor(unit)17.55 9.035e-01 2.217e-01 4.075 4.64e-05 ***
## factor(unit)17.5530303030303 5.383e-01 2.197e-01 2.451 0.014282 *
## factor(unit)17.5555555555556 5.425e-01 2.212e-01 2.452 0.014205 *
## factor(unit)17.5686274509804 6.730e-01 2.224e-01 3.026 0.002483 **
## factor(unit)17.5714285714286 4.483e-01 2.225e-01 2.015 0.043967 *
## factor(unit)17.578125 6.135e-01 2.129e-01 2.882 0.003963 **
## factor(unit)17.5841584158416 7.641e-01 2.176e-01 3.512 0.000447 ***
## factor(unit)17.587786259542 5.607e-01 2.144e-01 2.615 0.008929 **
## factor(unit)17.5909090909091 6.768e-01 1.738e-01 3.895 9.89e-05 ***
## factor(unit)17.6190476190476 7.604e-01 2.223e-01 3.421 0.000627 ***
## factor(unit)17.6212121212121 6.064e-01 2.138e-01 2.836 0.004580 **
## factor(unit)17.6237623762376 4.936e-01 2.147e-01 2.300 0.021493 *
## factor(unit)17.6283185840708 6.185e-01 2.206e-01 2.804 0.005060 **
## factor(unit)17.6296296296296 6.097e-01 2.221e-01 2.745 0.006058 **
## factor(unit)17.6333333333333 5.588e-01 2.160e-01 2.587 0.009707 **
## factor(unit)17.6363636363636 6.496e-01 1.936e-01 3.356 0.000794 ***
## factor(unit)17.6451612903226 7.166e-01 2.256e-01 3.177 0.001494 **
## factor(unit)17.6470588235294 5.542e-01 2.198e-01 2.522 0.011694 *
## factor(unit)17.6515151515152 7.149e-01 2.153e-01 3.320 0.000902 ***
## factor(unit)17.6588235294118 7.388e-01 2.249e-01 3.286 0.001021 **
## factor(unit)17.6590909090909 5.848e-01 2.250e-01 2.600 0.009347 **
## factor(unit)17.6666666666667 7.889e-01 2.211e-01 3.568 0.000361 ***
## factor(unit)17.6974789915966 7.097e-01 2.211e-01 3.210 0.001332 **
## factor(unit)17.6989247311828 6.064e-01 2.249e-01 2.696 0.007022 **
## factor(unit)17.7121212121212 5.843e-01 2.224e-01 2.627 0.008632 **
## factor(unit)17.7142857142857 6.197e-01 2.203e-01 2.813 0.004918 **
## factor(unit)17.7272727272727 6.785e-01 1.731e-01 3.919 8.95e-05 ***
## factor(unit)17.7402597402597 5.513e-01 2.192e-01 2.516 0.011895 *
## factor(unit)17.7669902912621 5.107e-01 2.224e-01 2.297 0.021668 *
## factor(unit)17.7706422018349 6.951e-01 2.205e-01 3.152 0.001625 **
## factor(unit)17.7803030303030 5.798e-01 2.243e-01 2.584 0.009775 **
## factor(unit)17.7872340425532 6.788e-01 2.172e-01 3.125 0.001783 **
## factor(unit)17.7878787878788 5.979e-01 2.116e-01 2.826 0.004723 **
## factor(unit)17.7931034482759 5.697e-01 2.220e-01 2.566 0.010288 *
## factor(unit)17.7954545454545 6.751e-01 1.898e-01 3.556 0.000378 ***
## factor(unit)17.8030303030303 5.822e-01 2.200e-01 2.647 0.008138 **
## factor(unit)17.8085106382979 6.294e-01 2.218e-01 2.838 0.004552 **
## factor(unit)17.8108108108108 6.826e-01 2.179e-01 3.133 0.001737 **
## factor(unit)17.8181818181818 6.019e-01 2.223e-01 2.708 0.006779 **
## factor(unit)17.8196721311475 4.513e-01 2.181e-01 2.070 0.038519 *
## factor(unit)17.84 7.051e-01 2.229e-01 3.163 0.001566 **
## factor(unit)17.8470588235294 7.155e-01 2.236e-01 3.200 0.001378 **
## factor(unit)17.8484848484848 6.684e-01 2.239e-01 2.985 0.002838 **
## factor(unit)17.8513513513514 7.210e-01 2.113e-01 3.412 0.000647 ***
## factor(unit)17.8560606060606 6.936e-01 2.126e-01 3.263 0.001106 **
## factor(unit)17.859649122807 6.093e-01 2.223e-01 2.741 0.006135 **
## factor(unit)17.86 6.051e-01 2.167e-01 2.792 0.005248 **
## factor(unit)17.8712121212121 5.784e-01 2.223e-01 2.602 0.009273 **
## factor(unit)17.8823529411765 4.218e-01 2.132e-01 1.978 0.047913 *
## factor(unit)17.8923076923077 8.252e-01 2.239e-01 3.686 0.000229 ***

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## factor(unit)17.9      6.033e-01  2.217e-01  2.721 0.006511 **
## factor(unit)17.9032258064516 6.246e-01  2.206e-01  2.831 0.004654 **
## factor(unit)17.9090909090909 6.218e-01  1.922e-01  3.236 0.001215 **
## factor(unit)17.9189189189189 6.018e-01  1.521e-01  3.956 7.66e-05 ***
## factor(unit)17.9279279279279 6.676e-01  2.226e-01  2.999 0.002712 **
## factor(unit)17.9393939393939 6.512e-01  2.129e-01  3.058 0.002236 **
## factor(unit)17.9433962264151 5.215e-01  2.217e-01  2.352 0.018680 *
## factor(unit)17.9545454545455 6.430e-01  1.852e-01  3.473 0.000518 ***
## factor(unit)17.9649122807018 7.213e-01  2.211e-01  3.262 0.001111 **
## factor(unit)17.972972972973 6.978e-01  2.188e-01  3.189 0.001432 **
## factor(unit)18      6.684e-01  1.523e-01  4.390 1.15e-05 ***
## factor(unit)18.0227272727273 7.208e-01  1.806e-01  3.992 6.60e-05 ***
## factor(unit)18.0253164556962 6.637e-01  2.182e-01  3.042 0.002353 **
## factor(unit)18.030303030303 5.895e-01  2.178e-01  2.707 0.006807 **
## factor(unit)18.0461538461538 7.361e-01  2.231e-01  3.299 0.000973 ***
## factor(unit)18.0555555555556 7.320e-01  2.209e-01  3.314 0.000923 ***
## factor(unit)18.0610687022901 7.414e-01  2.226e-01  3.330 0.000871 ***
## factor(unit)18.0625 4.555e-01  2.114e-01  2.155 0.031184 *
## factor(unit)18.0769230769231 6.431e-01  2.224e-01  2.891 0.003847 **
## factor(unit)18.0833333333333 6.609e-01  1.764e-01  3.746 0.000181 ***
## factor(unit)18.0909090909091 6.431e-01  1.758e-01  3.658 0.000256 ***
## factor(unit)18.0952380952381 6.290e-01  2.227e-01  2.824 0.004747 **
## factor(unit)18.0985915492958 6.917e-01  2.182e-01  3.170 0.001527 **
## factor(unit)18.125 7.358e-01  2.224e-01  3.308 0.000944 ***
## factor(unit)18.1379310344828 5.470e-01  2.237e-01  2.446 0.014478 *
## factor(unit)18.1447368421053 8.183e-01  2.249e-01  3.639 0.000275 ***
## factor(unit)18.1590909090909 6.883e-01  2.122e-01  3.243 0.001185 **
## factor(unit)18.16 5.841e-01  2.207e-01  2.647 0.008143 **
## factor(unit)18.1666666666667 6.829e-01  2.213e-01  3.085 0.002038 **
## factor(unit)18.1756756756757 7.430e-01  2.194e-01  3.386 0.000711 ***
## factor(unit)18.1818181818182 6.591e-01  2.209e-01  2.984 0.002850 **
## factor(unit)18.1858407079646 6.010e-01  2.197e-01  2.736 0.006236 **
## factor(unit)18.1891891891892 5.848e-01  2.224e-01  2.629 0.008568 **
## factor(unit)18.1969696969697 6.142e-01  2.212e-01  2.777 0.005490 **
## factor(unit)18.2105263157895 6.118e-01  2.211e-01  2.766 0.005679 **
## factor(unit)18.2121212121212 6.920e-01  1.890e-01  3.662 0.000252 ***
## factor(unit)18.2203389830508 8.158e-01  2.152e-01  3.790 0.000151 ***
## factor(unit)18.225 7.101e-01  2.252e-01  3.154 0.001617 **
## factor(unit)18.2575757575758 7.525e-01  2.226e-01  3.380 0.000729 ***
## factor(unit)18.2727272727273 6.632e-01  1.917e-01  3.459 0.000545 ***
## factor(unit)18.280303030303 6.788e-01  1.903e-01  3.567 0.000363 ***
## factor(unit)18.2828282828283 6.688e-01  2.230e-01  2.999 0.002717 **
## factor(unit)18.2857142857143 4.897e-01  2.190e-01  2.236 0.025384 *
## factor(unit)18.2878787878788 6.836e-01  2.205e-01  3.100 0.001940 **
## factor(unit)18.2954545454545 6.617e-01  2.202e-01  3.005 0.002664 **
## factor(unit)18.3023255813953 6.021e-01  2.185e-01  2.756 0.005861 **
## factor(unit)18.3030303030303 5.378e-01  2.227e-01  2.414 0.015780 *
## factor(unit)18.3125 5.713e-01  2.239e-01  2.552 0.010724 *
## factor(unit)18.3181818181818 6.568e-01  1.907e-01  3.444 0.000575 ***
## factor(unit)18.3333333333333 6.942e-01  2.208e-01  3.144 0.001669 **
## factor(unit)18.3611111111111 6.416e-01  1.657e-01  3.873 0.000108 ***
## factor(unit)18.3636363636364 6.424e-01  1.716e-01  3.743 0.000183 ***
## factor(unit)18.3712121212121 5.674e-01  2.234e-01  2.540 0.011095 *
## factor(unit)18.3846153846154 7.789e-01  2.217e-01  3.514 0.000444 ***

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## factor(unit)18.3888888888889 6.453e-01 2.222e-01 2.904 0.003691 **
## factor(unit)18.4 5.607e-01 2.229e-01 2.515 0.011923 *
## factor(unit)18.4074074074074 5.859e-01 2.194e-01 2.671 0.007577 **
## factor(unit)18.4084507042254 7.092e-01 2.225e-01 3.188 0.001437 **
## factor(unit)18.4166666666667 5.628e-01 2.212e-01 2.545 0.010958 *
## factor(unit)18.4177215189873 7.304e-01 2.014e-01 3.627 0.000289 ***
## factor(unit)18.4210526315789 6.525e-01 2.232e-01 2.923 0.003476 **
## factor(unit)18.4242424242424 6.011e-01 2.190e-01 2.745 0.006063 **
## factor(unit)18.4255319148936 6.478e-01 2.199e-01 2.946 0.003223 **
## factor(unit)18.4285714285714 7.067e-01 2.133e-01 3.314 0.000924 ***
## factor(unit)18.4307692307692 6.292e-01 2.186e-01 2.878 0.004004 **
## factor(unit)18.4366197183099 7.236e-01 2.218e-01 3.263 0.001107 **
## factor(unit)18.445652173913 6.628e-01 2.244e-01 2.954 0.003146 **
## factor(unit)18.4479166666667 6.078e-01 2.218e-01 2.740 0.006164 **
## factor(unit)18.4488188976378 5.677e-01 2.131e-01 2.664 0.007728 **
## factor(unit)18.4537037037037 6.909e-01 2.190e-01 3.155 0.001608 **
## factor(unit)18.4545454545455 6.518e-01 1.870e-01 3.485 0.000494 ***
## factor(unit)18.4615384615385 6.476e-01 2.129e-01 3.041 0.002362 **
## factor(unit)18.4651162790698 6.104e-01 2.195e-01 2.781 0.005430 **
## factor(unit)18.469696969697 7.318e-01 2.241e-01 3.266 0.001096 **
## factor(unit)18.4831460674157 5.931e-01 2.224e-01 2.666 0.007683 **
## factor(unit)18.4846153846154 6.701e-01 2.211e-01 3.030 0.002450 **
## factor(unit)18.4924242424242 7.525e-01 2.221e-01 3.388 0.000707 ***
## factor(unit)18.5 6.921e-01 1.907e-01 3.628 0.000287 ***
## factor(unit)18.5047619047619 5.609e-01 2.194e-01 2.557 0.010577 *
## factor(unit)18.5075757575758 6.012e-01 2.229e-01 2.697 0.007008 **
## factor(unit)18.5106382978723 5.049e-01 2.232e-01 2.262 0.023696 *
## factor(unit)18.5151515151515 5.811e-01 2.222e-01 2.616 0.008918 **
## factor(unit)18.530303030303 7.397e-01 2.228e-01 3.321 0.000901 ***
## factor(unit)18.5346534653465 5.672e-01 2.159e-01 2.628 0.008604 **
## factor(unit)18.5393258426966 5.255e-01 2.135e-01 2.462 0.013845 *
## factor(unit)18.5454545454545 6.697e-01 2.158e-01 3.103 0.001923 **
## factor(unit)18.5494505494506 6.158e-01 2.133e-01 2.887 0.003895 **
## factor(unit)18.5606060606061 6.392e-01 2.209e-01 2.894 0.003811 **
## factor(unit)18.5675675675676 6.012e-01 1.795e-01 3.349 0.000814 ***
## factor(unit)18.5679012345679 6.813e-01 2.153e-01 3.164 0.001563 **
## factor(unit)18.5833333333333 6.719e-01 2.131e-01 3.152 0.001625 **
## factor(unit)18.5862068965517 6.611e-01 2.246e-01 2.944 0.003252 **
## factor(unit)18.5915492957746 6.417e-01 2.014e-01 3.187 0.001443 **
## factor(unit)18.6129032258065 6.356e-01 2.231e-01 2.849 0.004391 **
## factor(unit)18.6136363636364 6.271e-01 2.174e-01 2.884 0.003933 **
## factor(unit)18.616 7.585e-01 2.210e-01 3.432 0.000602 ***
## factor(unit)18.6287878787879 6.258e-01 1.905e-01 3.285 0.001025 **
## factor(unit)18.6315789473684 6.060e-01 2.210e-01 2.742 0.006121 **
## factor(unit)18.6363636363636 6.315e-01 1.854e-01 3.406 0.000662 ***
## factor(unit)18.6515151515152 6.652e-01 1.905e-01 3.493 0.000480 ***
## factor(unit)18.6837606837607 6.475e-01 2.200e-01 2.943 0.003262 **
## factor(unit)18.6869565217391 7.252e-01 2.155e-01 3.365 0.000768 ***
## factor(unit)18.6929133858268 7.168e-01 2.247e-01 3.189 0.001431 **
## factor(unit)18.7045454545455 6.498e-01 2.120e-01 3.065 0.002183 **
## factor(unit)18.7096774193548 8.321e-01 2.256e-01 3.688 0.000227 ***
## factor(unit)18.719696969697 6.806e-01 2.117e-01 3.215 0.001311 **
## factor(unit)18.7272727272727 6.427e-01 1.790e-01 3.590 0.000332 ***
## factor(unit)18.7380952380952 6.924e-01 2.228e-01 3.108 0.001891 **

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## factor(unit)18.7424242424242 6.993e-01 2.203e-01 3.174 0.001506 **
## factor(unit)18.7454545454545 6.758e-01 2.260e-01 2.991 0.002792 **
## factor(unit)18.75 7.031e-01 2.104e-01 3.341 0.000837 ***
## factor(unit)18.7560975609756 5.673e-01 2.224e-01 2.551 0.010762 *
## factor(unit)18.7637795275591 6.535e-01 2.148e-01 3.042 0.002356 **
## factor(unit)18.765625 5.937e-01 2.227e-01 2.666 0.007684 **
## factor(unit)18.7731092436975 5.577e-01 2.101e-01 2.655 0.007955 **
## factor(unit)18.7777777777778 6.958e-01 2.258e-01 3.081 0.002067 **
## factor(unit)18.7878787878788 6.737e-01 1.859e-01 3.624 0.000291 ***
## factor(unit)18.7941176470588 5.572e-01 2.140e-01 2.603 0.009252 **
## factor(unit)18.8 6.875e-01 1.881e-01 3.655 0.000259 ***
## factor(unit)18.8101265822785 6.521e-01 2.238e-01 2.913 0.003586 **
## factor(unit)18.8106060606061 7.110e-01 2.123e-01 3.349 0.000815 ***
## factor(unit)18.8181818181818 6.198e-01 2.238e-01 2.769 0.005629 **
## factor(unit)18.8196721311475 6.922e-01 2.119e-01 3.267 0.001091 **
## factor(unit)18.8219178082192 5.958e-01 2.106e-01 2.829 0.004680 **
## factor(unit)18.8295454545455 6.728e-01 2.199e-01 3.059 0.002227 **
## factor(unit)18.8333333333333 6.110e-01 2.132e-01 2.866 0.004169 **
## factor(unit)18.8467741935484 6.608e-01 2.192e-01 3.015 0.002575 **
## factor(unit)18.8484848484848 5.893e-01 2.232e-01 2.641 0.008288 **
## factor(unit)18.8560606060606 6.475e-01 2.115e-01 3.062 0.002206 **
## factor(unit)18.859649122807 6.329e-01 2.203e-01 2.872 0.004082 **
## factor(unit)18.8727272727273 7.542e-01 2.238e-01 3.371 0.000753 ***
## factor(unit)18.8787878787879 6.725e-01 2.247e-01 2.993 0.002773 **
## factor(unit)18.8888888888889 5.839e-01 2.253e-01 2.592 0.009566 **
## factor(unit)18.9054054054054 6.298e-01 2.258e-01 2.790 0.005285 **
## factor(unit)18.9272727272727 7.024e-01 2.201e-01 3.192 0.001419 **
## factor(unit)18.9302325581395 7.755e-01 2.228e-01 3.480 0.000503 ***
## factor(unit)18.9318181818182 6.263e-01 1.932e-01 3.242 0.001191 **
## factor(unit)18.9444444444444 7.054e-01 2.111e-01 3.341 0.000838 ***
## factor(unit)18.9464285714286 7.255e-01 2.236e-01 3.245 0.001178 **
## factor(unit)18.952 6.630e-01 2.107e-01 3.146 0.001660 **
## factor(unit)18.952380952381 5.604e-01 2.231e-01 2.512 0.012028 *
## factor(unit)18.9655172413793 6.545e-01 2.149e-01 3.046 0.002324 **
## factor(unit)18.969696969697 6.654e-01 2.249e-01 2.959 0.003090 **
## factor(unit)18.9767441860465 6.696e-01 2.146e-01 3.121 0.001810 **
## factor(unit)18.9772727272727 5.887e-01 1.904e-01 3.093 0.001990 **
## factor(unit)18.9777777777778 4.740e-01 2.232e-01 2.123 0.033772 *
## factor(unit)18.9795918367347 5.983e-01 2.200e-01 2.720 0.006538 **
## factor(unit)18.9912280701754 5.906e-01 2.249e-01 2.626 0.008649 **
## factor(unit)19 6.525e-01 1.568e-01 4.162 3.18e-05 ***
## factor(unit)19.0162601626016 7.120e-01 2.122e-01 3.356 0.000794 ***
## factor(unit)19.0245901639344 6.836e-01 2.219e-01 3.081 0.002071 **
## factor(unit)19.030303030303 6.266e-01 2.117e-01 2.960 0.003087 **
## factor(unit)19.0416666666667 7.315e-01 2.143e-01 3.414 0.000644 ***
## factor(unit)19.0454545454545 5.494e-01 2.118e-01 2.594 0.009507 **
## factor(unit)19.0535714285714 8.263e-01 2.222e-01 3.720 0.000201 ***
## factor(unit)19.0564516129032 6.347e-01 2.116e-01 2.999 0.002716 **
## factor(unit)19.0810810810811 6.472e-01 2.217e-01 2.919 0.003520 **
## factor(unit)19.1018518518519 6.600e-01 2.082e-01 3.171 0.001526 **
## factor(unit)19.1020408163265 7.228e-01 2.242e-01 3.224 0.001269 **
## factor(unit)19.1212121212121 6.433e-01 2.106e-01 3.055 0.002257 **
## factor(unit)19.1230769230769 5.653e-01 2.223e-01 2.543 0.011019 *
## factor(unit)19.1282051282051 6.485e-01 2.145e-01 3.023 0.002511 **

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## factor(unit)19.1515151515152 6.347e-01 2.176e-01 2.917 0.003543 **
## factor(unit)19.1538461538462 5.968e-01 2.195e-01 2.720 0.006548 **
## factor(unit)19.1578947368421 5.480e-01 2.211e-01 2.478 0.013221 *
## factor(unit)19.1590909090909 5.986e-01 2.240e-01 2.672 0.007545 **
## factor(unit)19.1666666666667 5.668e-01 1.849e-01 3.066 0.002178 **
## factor(unit)19.1742424242424 5.093e-01 2.105e-01 2.420 0.015553 *
## factor(unit)19.1818181818182 6.871e-01 1.811e-01 3.794 0.000149 ***
## factor(unit)19.1851851851852 6.656e-01 2.208e-01 3.014 0.002585 **
## factor(unit)19.2 7.025e-01 1.908e-01 3.681 0.000233 ***
## factor(unit)19.2045454545455 5.509e-01 2.224e-01 2.477 0.013273 *
## factor(unit)19.2173913043478 4.969e-01 2.230e-01 2.228 0.025913 *
## factor(unit)19.2222222222222 6.397e-01 1.865e-01 3.430 0.000605 ***
## factor(unit)19.2307692307692 5.716e-01 2.223e-01 2.571 0.010152 *
## factor(unit)19.2631578947368 5.620e-01 2.128e-01 2.640 0.008294 **
## factor(unit)19.2638888888889 6.037e-01 2.219e-01 2.720 0.006542 **
## factor(unit)19.2727272727273 9.568e-01 2.153e-01 4.445 8.90e-06 ***
## factor(unit)19.2962962962963 6.498e-01 2.140e-01 3.037 0.002397 **
## factor(unit)19.3106060606061 5.880e-01 2.214e-01 2.656 0.007921 **
## factor(unit)19.3235294117647 6.521e-01 2.009e-01 3.245 0.001177 **
## factor(unit)19.3257575757576 5.952e-01 2.166e-01 2.748 0.006014 **
## factor(unit)19.3285714285714 6.131e-01 2.025e-01 3.028 0.002472 **
## factor(unit)19.3333333333333 6.455e-01 1.675e-01 3.854 0.000117 ***
## factor(unit)19.3359375 6.234e-01 2.208e-01 2.823 0.004772 **
## factor(unit)19.3360655737705 7.245e-01 2.117e-01 3.422 0.000623 ***
## factor(unit)19.3384615384615 6.566e-01 2.169e-01 3.028 0.002471 **
## factor(unit)19.3409090909091 6.037e-01 2.186e-01 2.761 0.005765 **
## factor(unit)19.34375 6.797e-01 2.206e-01 3.081 0.002069 **
## factor(unit)19.3484848484848 5.814e-01 2.240e-01 2.596 0.009439 **
## factor(unit)19.3636363636364 6.407e-01 1.841e-01 3.480 0.000504 ***
## factor(unit)19.4 6.065e-01 1.746e-01 3.473 0.000517 ***
## factor(unit)19.4015151515152 6.347e-01 2.133e-01 2.976 0.002931 **
## factor(unit)19.4137931034483 6.234e-01 2.185e-01 2.853 0.004339 **
## factor(unit)19.4146341463415 6.397e-01 2.118e-01 3.020 0.002531 **
## factor(unit)19.4186046511628 4.842e-01 2.201e-01 2.200 0.027816 *
## factor(unit)19.4242424242424 6.325e-01 1.826e-01 3.464 0.000535 ***
## factor(unit)19.4318181818182 5.582e-01 1.825e-01 3.059 0.002229 **
## factor(unit)19.4393939393939 6.335e-01 1.834e-01 3.454 0.000555 ***
## factor(unit)19.4444444444444 6.120e-01 2.193e-01 2.790 0.005274 **
## factor(unit)19.4491525423729 7.037e-01 2.118e-01 3.323 0.000895 ***
## factor(unit)19.45 6.376e-01 2.187e-01 2.915 0.003569 **
## factor(unit)19.4545454545455 7.204e-01 2.192e-01 3.287 0.001016 **
## factor(unit)19.4692307692308 7.126e-01 2.226e-01 3.201 0.001373 **
## factor(unit)19.4705882352941 5.218e-01 2.186e-01 2.387 0.016990 *
## factor(unit)19.4848484848485 5.470e-01 2.202e-01 2.484 0.013020 *
## factor(unit)19.5 6.503e-01 2.205e-01 2.949 0.003191 **
## factor(unit)19.5151515151515 6.117e-01 2.226e-01 2.747 0.006021 **
## factor(unit)19.5227272727273 6.317e-01 1.778e-01 3.552 0.000383 ***
## factor(unit)19.530303030303 5.792e-01 2.112e-01 2.743 0.006095 **
## factor(unit)19.5454545454545 7.226e-01 2.218e-01 3.257 0.001128 **
## factor(unit)19.56 5.706e-01 2.179e-01 2.619 0.008833 **
## factor(unit)19.5606060606061 6.315e-01 2.140e-01 2.951 0.003178 **
## factor(unit)19.5614035087719 6.396e-01 2.193e-01 2.917 0.003547 **
## factor(unit)19.6136363636364 7.448e-01 2.161e-01 3.446 0.000571 ***
## factor(unit)19.6140350877193 6.327e-01 2.188e-01 2.892 0.003834 **

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## factor(unit)19.6153846153846 5.199e-01 2.218e-01 2.344 0.019117 *
## factor(unit)19.6363636363636 6.600e-01 1.788e-01 3.692 0.000224 ***
## factor(unit)19.6393442622951 6.700e-01 2.114e-01 3.170 0.001531 **
## factor(unit)19.64 5.525e-01 2.111e-01 2.617 0.008889 **
## factor(unit)19.6590909090909 6.231e-01 2.208e-01 2.822 0.004788 **
## factor(unit)19.6666666666667 5.883e-01 2.227e-01 2.642 0.008263 **
## factor(unit)19.7058823529412 6.807e-01 2.212e-01 3.078 0.002093 **
## factor(unit)19.7090909090909 5.972e-01 2.240e-01 2.666 0.007685 **
## factor(unit)19.7121212121212 6.685e-01 2.180e-01 3.067 0.002169 **
## factor(unit)19.7166666666667 6.236e-01 2.115e-01 2.949 0.003194 **
## factor(unit)19.7241379310345 6.031e-01 2.188e-01 2.756 0.005866 **
## factor(unit)19.734375 5.340e-01 2.114e-01 2.526 0.011550 *
## factor(unit)19.734693877551 7.688e-01 2.211e-01 3.476 0.000510 ***
## factor(unit)19.7380952380952 6.785e-01 2.150e-01 3.155 0.001609 **
## factor(unit)19.7384615384615 6.125e-01 2.114e-01 2.897 0.003773 **
## factor(unit)19.7659574468085 6.098e-01 2.231e-01 2.734 0.006272 **
## factor(unit)19.7727272727273 5.579e-01 2.116e-01 2.637 0.008369 **
## factor(unit)19.776 6.955e-01 2.114e-01 3.289 0.001008 **
## factor(unit)19.7795275590551 6.553e-01 2.114e-01 3.100 0.001944 **
## factor(unit)19.7808219178082 7.488e-01 2.207e-01 3.393 0.000693 ***
## factor(unit)19.7846153846154 5.319e-01 2.040e-01 2.608 0.009126 **
## factor(unit)19.7868852459016 7.176e-01 2.114e-01 3.394 0.000692 ***
## factor(unit)19.8181818181818 7.273e-01 2.218e-01 3.280 0.001043 **
## factor(unit)19.8333333333333 7.833e-01 1.853e-01 4.228 2.38e-05 ***
## factor(unit)19.8421052631579 6.214e-01 2.248e-01 2.765 0.005710 **
## factor(unit)19.8510638297872 7.103e-01 2.131e-01 3.333 0.000863 ***
## factor(unit)19.8571428571429 8.531e-01 2.119e-01 4.025 5.74e-05 ***
## factor(unit)19.8623853211009 7.567e-01 2.115e-01 3.578 0.000348 ***
## factor(unit)19.896 7.116e-01 2.114e-01 3.366 0.000764 ***
## factor(unit)19.9130434782609 7.562e-01 2.234e-01 3.385 0.000714 ***
## factor(unit)19.9166666666667 6.036e-01 2.113e-01 2.856 0.004297 **
## factor(unit)19.9242424242424 6.354e-01 1.883e-01 3.374 0.000745 ***
## factor(unit)19.9387755102041 6.425e-01 2.123e-01 3.027 0.002477 **
## factor(unit)19.9393939393939 6.019e-01 2.237e-01 2.691 0.007146 **
## factor(unit)19.9652173913043 5.899e-01 2.239e-01 2.635 0.008436 **
## factor(unit)19.9848484848485 5.512e-01 2.127e-01 2.592 0.009554 **
## factor(unit)19.992 6.510e-01 2.211e-01 2.945 0.003242 **
## factor(unit)20 6.293e-01 1.361e-01 4.623 3.83e-06 ***
## factor(unit)20.0093457943925 5.840e-01 2.218e-01 2.632 0.008489 **
## factor(unit)20.0151515151515 5.583e-01 2.169e-01 2.574 0.010075 *
## factor(unit)20.018691588785 6.544e-01 2.192e-01 2.985 0.002839 **
## factor(unit)20.030303030303 5.933e-01 2.221e-01 2.671 0.007575 **
## factor(unit)20.037037037037 6.469e-01 2.088e-01 3.098 0.001955 **
## factor(unit)20.0540540540541 6.865e-01 2.216e-01 3.097 0.001958 **
## factor(unit)20.0666666666667 7.815e-01 2.221e-01 3.519 0.000435 ***
## factor(unit)20.0743801652893 6.322e-01 2.206e-01 2.866 0.004170 **
## factor(unit)20.0769230769231 5.963e-01 1.504e-01 3.964 7.43e-05 ***
## factor(unit)20.0984848484848 6.036e-01 2.208e-01 2.733 0.006279 **
## factor(unit)20.1136363636364 6.803e-01 2.199e-01 3.093 0.001986 **
## factor(unit)20.1230769230769 5.997e-01 1.385e-01 4.330 1.50e-05 ***
## factor(unit)20.1515151515152 6.709e-01 1.819e-01 3.688 0.000227 ***
## factor(unit)20.1603053435114 5.169e-01 2.119e-01 2.440 0.014724 *
## factor(unit)20.1639344262295 6.097e-01 2.169e-01 2.811 0.004951 **
## factor(unit)20.1818181818182 7.015e-01 2.240e-01 3.132 0.001742 **

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## factor(unit)20.1851851851852 5.158e-01 2.194e-01 2.351 0.018764 *
## factor(unit)20.1980198019802 6.153e-01 2.223e-01 2.768 0.005654 **
## factor(unit)20.2045454545455 5.630e-01 2.217e-01 2.539 0.011131 *
## factor(unit)20.2272727272727 6.012e-01 1.907e-01 3.152 0.001624 **
## factor(unit)20.2475247524752 6.508e-01 2.238e-01 2.908 0.003644 **
## factor(unit)20.25 6.124e-01 1.877e-01 3.262 0.001111 **
## factor(unit)20.2651515151515 7.151e-01 2.224e-01 3.215 0.001310 **
## factor(unit)20.2685185185185 5.847e-01 2.239e-01 2.612 0.009026 **
## factor(unit)20.2727272727273 6.938e-01 1.861e-01 3.729 0.000193 ***
## factor(unit)20.3076923076923 7.051e-01 1.911e-01 3.689 0.000226 ***
## factor(unit)20.325 4.948e-01 2.045e-01 2.419 0.015570 *
## factor(unit)20.3333333333333 6.302e-01 1.773e-01 3.555 0.000380 ***
## factor(unit)20.3385826771654 4.892e-01 2.131e-01 2.296 0.021717 *
## factor(unit)20.348623853211 5.857e-01 2.220e-01 2.638 0.008360 **
## factor(unit)20.3571428571429 7.465e-01 2.006e-01 3.722 0.000199 ***
## factor(unit)20.3725490196078 7.465e-01 2.213e-01 3.374 0.000744 ***
## factor(unit)20.3863636363636 6.311e-01 2.223e-01 2.839 0.004535 **
## factor(unit)20.3928571428571 5.213e-01 2.240e-01 2.327 0.019997 *
## factor(unit)20.40625 7.011e-01 1.643e-01 4.267 2.00e-05 ***
## factor(unit)20.4220183486239 5.497e-01 2.184e-01 2.516 0.011869 *
## factor(unit)20.43 5.935e-01 2.216e-01 2.678 0.007410 **
## factor(unit)20.4318181818182 5.583e-01 2.128e-01 2.624 0.008709 **
## factor(unit)20.4469696969697 6.594e-01 2.225e-01 2.963 0.003053 **
## factor(unit)20.4705882352941 5.897e-01 2.129e-01 2.770 0.005615 **
## factor(unit)20.4848484848485 6.292e-01 1.839e-01 3.422 0.000625 ***
## factor(unit)20.5 5.413e-01 1.843e-01 2.938 0.003315 **
## factor(unit)20.5137614678899 6.600e-01 2.241e-01 2.946 0.003231 **
## factor(unit)20.5151515151515 6.276e-01 2.233e-01 2.810 0.004966 **
## factor(unit)20.528 6.437e-01 2.180e-01 2.953 0.003158 **
## factor(unit)20.5398230088496 6.978e-01 2.177e-01 3.205 0.001356 **
## factor(unit)20.5405405405405 5.845e-01 2.184e-01 2.676 0.007454 **
## factor(unit)20.5438596491228 6.649e-01 2.227e-01 2.986 0.002835 **
## factor(unit)20.5505617977528 7.418e-01 2.212e-01 3.353 0.000801 ***
## factor(unit)20.5530303030303 7.230e-01 2.189e-01 3.303 0.000960 ***
## factor(unit)20.5555555555556 7.041e-01 2.149e-01 3.276 0.001056 **
## factor(unit)20.5565217391304 6.588e-01 2.204e-01 2.990 0.002800 **
## factor(unit)20.5566037735849 6.919e-01 2.221e-01 3.114 0.001848 **
## factor(unit)20.5606060606061 6.249e-01 1.863e-01 3.355 0.000797 ***
## factor(unit)20.5652173913043 6.894e-01 1.791e-01 3.850 0.000119 ***
## factor(unit)20.5714285714286 6.814e-01 1.786e-01 3.815 0.000137 ***
## factor(unit)20.5757575757576 6.307e-01 2.225e-01 2.834 0.004602 **
## factor(unit)20.5833333333333 6.556e-01 2.207e-01 2.971 0.002977 **
## factor(unit)20.592 7.206e-01 2.144e-01 3.361 0.000780 ***
## factor(unit)20.5954198473282 6.051e-01 2.225e-01 2.719 0.006551 **
## factor(unit)20.5984251968504 5.925e-01 2.083e-01 2.844 0.004460 **
## factor(unit)20.6052631578947 7.698e-01 2.003e-01 3.843 0.000122 ***
## factor(unit)20.61 6.228e-01 2.126e-01 2.930 0.003402 **
## factor(unit)20.6136363636364 6.264e-01 1.749e-01 3.580 0.000345 ***
## factor(unit)20.625 6.823e-01 1.810e-01 3.770 0.000164 ***
## factor(unit)20.6287878787879 6.084e-01 2.197e-01 2.768 0.005643 **
## factor(unit)20.6363636363636 6.523e-01 1.890e-01 3.451 0.000560 ***
## factor(unit)20.6470588235294 5.835e-01 2.189e-01 2.666 0.007695 **
## factor(unit)20.6578947368421 5.847e-01 2.240e-01 2.610 0.009063 **
## factor(unit)20.6666666666667 5.758e-01 2.146e-01 2.683 0.007316 **

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## factor(unit)20.6818181818182 7.151e-01 2.225e-01 3.214 0.001314 **
## factor(unit)20.6854838709677 7.098e-01 2.225e-01 3.190 0.001429 **
## factor(unit)20.6984126984127 5.863e-01 2.001e-01 2.930 0.003402 **
## factor(unit)20.7014925373134 7.142e-01 2.243e-01 3.184 0.001458 **
## factor(unit)20.7049180327869 7.026e-01 1.908e-01 3.682 0.000233 ***
## factor(unit)20.7058823529412 6.796e-01 2.125e-01 3.198 0.001389 **
## factor(unit)20.7090909090909 6.028e-01 2.221e-01 2.714 0.006665 **
## factor(unit)20.7247706422018 7.369e-01 2.187e-01 3.369 0.000757 ***
## factor(unit)20.7272727272727 6.776e-01 1.912e-01 3.544 0.000396 ***
## factor(unit)20.7333333333333 7.199e-01 2.224e-01 3.237 0.001212 **
## factor(unit)20.75 6.178e-01 2.207e-01 2.800 0.005127 **
## factor(unit)20.7722772277228 6.668e-01 2.143e-01 3.112 0.001863 **
## factor(unit)20.7727272727273 6.111e-01 1.892e-01 3.231 0.001239 **
## factor(unit)20.7857142857143 5.257e-01 2.234e-01 2.353 0.018627 *
## factor(unit)20.7878787878788 6.211e-01 2.222e-01 2.795 0.005201 **
## factor(unit)20.7954545454545 6.757e-01 1.789e-01 3.776 0.000160 ***
## factor(unit)20.811320754717 5.199e-01 2.154e-01 2.413 0.015834 *
## factor(unit)20.8461538461538 6.237e-01 2.225e-01 2.803 0.005073 **
## factor(unit)20.8625954198473 5.403e-01 2.225e-01 2.428 0.015216 *
## factor(unit)20.8712121212121 5.010e-01 2.224e-01 2.252 0.024323 *
## factor(unit)20.8787878787879 6.381e-01 1.538e-01 4.149 3.37e-05 ***
## factor(unit)20.9090909090909 6.260e-01 1.924e-01 3.253 0.001147 **
## factor(unit)20.9148936170213 5.244e-01 2.243e-01 2.338 0.019422 *
## factor(unit)20.9375 6.501e-01 2.225e-01 2.922 0.003489 **
## factor(unit)20.9406779661017 5.609e-01 2.220e-01 2.527 0.011526 *
## factor(unit)20.9417475728155 6.880e-01 1.885e-01 3.651 0.000263 ***
## factor(unit)20.9469696969697 5.942e-01 1.817e-01 3.270 0.001079 **
## factor(unit)20.9545454545455 5.604e-01 2.213e-01 2.532 0.011345 *
## factor(unit)20.9621212121212 7.254e-01 2.178e-01 3.331 0.000867 ***
## factor(unit)20.9666666666667 6.347e-01 2.220e-01 2.858 0.004266 **
## factor(unit)20.969696969697 5.860e-01 1.925e-01 3.044 0.002341 **
## factor(unit)20.9908256880734 5.589e-01 2.195e-01 2.547 0.010892 *
## factor(unit)20.9924242424242 6.944e-01 2.211e-01 3.141 0.001688 **
## factor(unit)21 6.710e-01 1.187e-01 5.653 1.63e-08 ***
## factor(unit)21.0086206896552 6.852e-01 2.223e-01 3.083 0.002056 **
## factor(unit)21.0151515151515 7.108e-01 2.234e-01 3.182 0.001468 **
## factor(unit)21.0162601626016 6.234e-01 2.224e-01 2.803 0.005076 **
## factor(unit)21.0168067226891 5.909e-01 2.231e-01 2.649 0.008092 **
## factor(unit)21.0224719101124 4.674e-01 2.224e-01 2.102 0.035614 *
## factor(unit)21.030303030303 6.059e-01 2.140e-01 2.832 0.004633 **
## factor(unit)21.03125 3.804e-01 2.181e-01 1.744 0.081162 .
## factor(unit)21.0327868852459 6.439e-01 1.906e-01 3.378 0.000732 ***
## factor(unit)21.0666666666667 6.602e-01 1.583e-01 4.170 3.07e-05 ***
## factor(unit)21.0729166666667 6.837e-01 2.222e-01 3.076 0.002101 **
## factor(unit)21.0757575757576 6.022e-01 2.200e-01 2.737 0.006216 **
## factor(unit)21.0789473684211 5.801e-01 2.240e-01 2.590 0.009623 **
## factor(unit)21.1060606060606 6.868e-01 1.847e-01 3.719 0.000201 ***
## factor(unit)21.1111111111111 4.664e-01 2.186e-01 2.134 0.032894 *
## factor(unit)21.1515151515152 6.105e-01 2.242e-01 2.723 0.006489 **
## factor(unit)21.1615384615385 6.813e-01 2.110e-01 3.230 0.001244 **
## factor(unit)21.1759259259259 6.012e-01 2.183e-01 2.755 0.005888 **
## factor(unit)21.1797752808989 7.103e-01 2.205e-01 3.221 0.001280 **
## factor(unit)21.1818181818182 6.032e-01 2.224e-01 2.712 0.006702 **
## factor(unit)21.1969696969697 7.265e-01 2.186e-01 3.324 0.000890 ***

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## factor(unit)21.2142857142857 7.578e-01 2.223e-01 3.408 0.000656 ***
## factor(unit)21.2295081967213 6.619e-01 2.162e-01 3.062 0.002206 **
## factor(unit)21.2424242424242 6.368e-01 2.240e-01 2.843 0.004476 **
## factor(unit)21.2542372881356 6.461e-01 2.096e-01 3.083 0.002055 **
## factor(unit)21.2567567567568 6.445e-01 2.179e-01 2.958 0.003105 **
## factor(unit)21.2727272727273 5.610e-01 2.197e-01 2.554 0.010669 *
## factor(unit)21.28 6.593e-01 2.201e-01 2.995 0.002747 **
## factor(unit)21.2857142857143 6.872e-01 2.222e-01 3.092 0.001993 **
## factor(unit)21.2888888888889 6.945e-01 2.230e-01 3.115 0.001845 **
## factor(unit)21.2962962962963 6.106e-01 2.223e-01 2.746 0.006038 **
## factor(unit)21.3008849557522 6.986e-01 2.211e-01 3.160 0.001585 **
## factor(unit)21.3106060606061 7.921e-01 2.172e-01 3.648 0.000266 ***
## factor(unit)21.3177570093458 6.288e-01 1.905e-01 3.301 0.000966 ***
## factor(unit)21.3333333333333 7.171e-01 1.877e-01 3.821 0.000134 ***
## factor(unit)21.3396226415094 5.830e-01 2.223e-01 2.623 0.008733 **
## factor(unit)21.3577235772358 5.314e-01 2.182e-01 2.435 0.014899 *
## factor(unit)21.375 6.620e-01 2.241e-01 2.954 0.003147 **
## factor(unit)21.3939393939394 5.851e-01 2.242e-01 2.609 0.009086 **
## factor(unit)21.4 8.525e-01 2.190e-01 3.892 0.000100 ***
## factor(unit)21.4018691588785 6.821e-01 2.205e-01 3.094 0.001983 **
## factor(unit)21.4077669902913 7.354e-01 2.221e-01 3.310 0.000935 ***
## factor(unit)21.4166666666667 6.282e-01 2.106e-01 2.983 0.002865 **
## factor(unit)21.448275862069 7.005e-01 2.240e-01 3.126 0.001775 **
## factor(unit)21.4521739130435 5.902e-01 2.239e-01 2.636 0.008397 **
## factor(unit)21.46 6.446e-01 2.108e-01 3.058 0.002236 **
## factor(unit)21.468085106383 6.726e-01 2.160e-01 3.113 0.001857 **
## factor(unit)21.4848484848485 6.269e-01 2.189e-01 2.864 0.004195 **
## factor(unit)21.5 6.830e-01 1.843e-01 3.705 0.000212 ***
## factor(unit)21.5050505050505 6.268e-01 1.902e-01 3.295 0.000988 ***
## factor(unit)21.5151515151515 7.681e-01 2.184e-01 3.517 0.000439 ***
## factor(unit)21.5153846153846 7.365e-01 2.210e-01 3.332 0.000864 ***
## factor(unit)21.530612244898 7.710e-01 1.903e-01 4.052 5.13e-05 ***
## factor(unit)21.5530303030303 7.110e-01 2.177e-01 3.266 0.001094 **
## factor(unit)21.5567010309278 6.757e-01 1.902e-01 3.552 0.000384 ***
## factor(unit)21.5606060606061 5.646e-01 2.094e-01 2.696 0.007036 **
## factor(unit)21.5820895522388 3.830e-01 2.094e-01 1.829 0.067388 .
## factor(unit)21.5833333333333 5.054e-01 2.221e-01 2.276 0.022868 *
## factor(unit)21.6105263157895 6.238e-01 2.221e-01 2.809 0.004979 **
## factor(unit)21.6136363636364 6.897e-01 2.244e-01 3.073 0.002122 **
## factor(unit)21.6382978723404 5.967e-01 2.220e-01 2.688 0.007210 **
## factor(unit)21.6515151515152 6.939e-01 2.203e-01 3.150 0.001637 **
## factor(unit)21.6590909090909 6.956e-01 2.210e-01 3.147 0.001655 **
## factor(unit)21.6666666666667 6.312e-01 1.902e-01 3.318 0.000909 ***
## factor(unit)21.6909090909091 6.063e-01 2.220e-01 2.731 0.006316 **
## factor(unit)21.6952380952381 7.579e-01 2.183e-01 3.471 0.000520 ***
## factor(unit)21.695652173913 5.830e-01 2.220e-01 2.626 0.008663 **
## factor(unit)21.6969696969697 6.297e-01 2.242e-01 2.809 0.004985 **
## factor(unit)21.7042253521127 7.385e-01 2.209e-01 3.343 0.000831 ***
## factor(unit)21.719696969697 5.711e-01 2.130e-01 2.681 0.007349 **
## factor(unit)21.7252747252747 6.441e-01 2.220e-01 2.902 0.003720 **
## factor(unit)21.7413793103448 8.355e-01 2.209e-01 3.782 0.000157 ***
## factor(unit)21.7575757575758 6.762e-01 2.116e-01 3.196 0.001400 **
## factor(unit)21.7637795275591 6.502e-01 2.100e-01 3.095 0.001971 **
## factor(unit)21.7651515151515 6.464e-01 2.095e-01 3.086 0.002037 **

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## factor(unit)21.787878787878 6.659e-01 2.191e-01 3.040 0.002375 **
## factor(unit)21.7884615384615 6.030e-01 2.189e-01 2.754 0.005889 **
## factor(unit)21.8106060606061 6.061e-01 2.196e-01 2.759 0.005800 **
## factor(unit)21.8181818181818 6.153e-01 2.219e-01 2.772 0.005579 **
## factor(unit)21.8257575757576 6.439e-01 2.204e-01 2.922 0.003488 **
## factor(unit)21.8387096774194 8.249e-01 2.221e-01 3.713 0.000206 ***
## factor(unit)21.8409090909091 6.520e-01 2.204e-01 2.958 0.003108 **
## factor(unit)21.8484848484848 6.425e-01 2.245e-01 2.862 0.004217 **
## factor(unit)21.8560606060606 6.688e-01 2.245e-01 2.980 0.002892 **
## factor(unit)21.8636363636364 5.670e-01 2.194e-01 2.584 0.009788 **
## factor(unit)21.8780487804878 5.426e-01 2.167e-01 2.504 0.012291 *
## factor(unit)21.890756302521 6.139e-01 2.118e-01 2.899 0.003753 **
## factor(unit)21.9196428571429 6.533e-01 2.177e-01 3.001 0.002698 **
## factor(unit)21.952380952381 7.068e-01 1.639e-01 4.314 1.62e-05 ***
## factor(unit)21.9545454545455 7.143e-01 2.125e-01 3.362 0.000777 ***
## factor(unit)21.9565217391304 6.528e-01 2.157e-01 3.026 0.002482 **
## factor(unit)21.9615384615385 5.223e-01 2.178e-01 2.398 0.016514 *
## factor(unit)21.9659090909091 6.344e-01 2.201e-01 2.882 0.003954 **
## factor(unit)21.984126984127 7.077e-01 2.191e-01 3.230 0.001244 **
## factor(unit)21.9848484848485 6.940e-01 1.754e-01 3.957 7.64e-05 ***
## factor(unit)21.9879518072289 6.790e-01 1.899e-01 3.575 0.000352 ***
## factor(unit)22 6.509e-01 1.555e-01 4.186 2.87e-05 ***
## factor(unit)22.0181818181818 6.514e-01 2.180e-01 2.989 0.002807 **
## factor(unit)22.0757575757576 7.147e-01 2.123e-01 3.366 0.000765 ***
## factor(unit)22.1 5.907e-01 2.095e-01 2.820 0.004816 **
## factor(unit)22.1217391304348 6.752e-01 2.118e-01 3.187 0.001441 **
## factor(unit)22.1428571428571 6.135e-01 2.091e-01 2.933 0.003362 **
## factor(unit)22.1578947368421 5.437e-01 2.217e-01 2.452 0.014230 *
## factor(unit)22.1794871794872 8.419e-01 1.898e-01 4.436 9.26e-06 ***
## factor(unit)22.1836734693878 6.794e-01 2.212e-01 3.072 0.002130 **
## factor(unit)22.2045454545455 6.279e-01 2.208e-01 2.844 0.004460 **
## factor(unit)22.2169811320755 5.730e-01 2.098e-01 2.731 0.006330 **
## factor(unit)22.219696969697 5.946e-01 2.163e-01 2.749 0.005980 **
## factor(unit)22.25 8.149e-01 1.701e-01 4.790 1.70e-06 ***
## factor(unit)22.2727272727273 6.654e-01 2.216e-01 3.002 0.002689 **
## factor(unit)22.3076923076923 7.060e-01 2.159e-01 3.270 0.001080 **
## factor(unit)22.3333333333333 6.057e-01 2.133e-01 2.840 0.004523 **
## factor(unit)22.3513513513514 6.591e-01 2.217e-01 2.973 0.002956 **
## factor(unit)22.3560606060606 7.552e-01 2.179e-01 3.466 0.000530 ***
## factor(unit)22.3698630136986 6.265e-01 2.219e-01 2.823 0.004765 **
## factor(unit)22.3939393939394 8.027e-01 2.177e-01 3.687 0.000228 ***
## factor(unit)22.3972602739726 5.521e-01 1.897e-01 2.911 0.003614 **
## factor(unit)22.4015151515152 6.305e-01 2.204e-01 2.861 0.004232 **
## factor(unit)22.4015748031496 6.521e-01 2.211e-01 2.950 0.003186 **
## factor(unit)22.4134615384615 5.414e-01 2.086e-01 2.596 0.009451 **
## factor(unit)22.4166666666667 6.554e-01 2.206e-01 2.971 0.002978 **
## factor(unit)22.4193548387097 8.050e-01 2.204e-01 3.652 0.000262 ***
## factor(unit)22.4242424242424 6.228e-01 2.195e-01 2.837 0.004562 **
## factor(unit)22.4274193548387 6.675e-01 2.082e-01 3.206 0.001349 **
## factor(unit)22.4324324324324 8.228e-01 2.210e-01 3.723 0.000198 ***
## factor(unit)22.4505494505494 5.699e-01 2.194e-01 2.598 0.009400 **
## factor(unit)22.4545454545455 7.063e-01 2.203e-01 3.205 0.001353 **
## factor(unit)22.4761904761905 5.938e-01 2.100e-01 2.828 0.004692 **
## factor(unit)22.4929577464789 6.437e-01 1.777e-01 3.622 0.000294 ***

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## factor(unit)22.503937007874 6.424e-01 2.199e-01 2.922 0.003489 **
## factor(unit)22.5326086956522 5.577e-01 2.083e-01 2.677 0.007432 **
## factor(unit)22.5606060606061 6.577e-01 2.195e-01 2.997 0.002732 **
## factor(unit)22.576 7.212e-01 2.180e-01 3.309 0.000940 ***
## factor(unit)22.5942028985507 5.562e-01 2.215e-01 2.511 0.012040 *
## factor(unit)22.625 6.335e-01 2.215e-01 2.861 0.004237 **
## factor(unit)22.6363636363636 6.215e-01 2.175e-01 2.858 0.004275 **
## factor(unit)22.6458333333333 6.359e-01 2.129e-01 2.986 0.002831 **
## factor(unit)22.6470588235294 6.715e-01 2.216e-01 3.030 0.002449 **
## factor(unit)22.6695652173913 6.324e-01 2.090e-01 3.026 0.002485 **
## factor(unit)22.6818181818182 6.829e-01 2.105e-01 3.244 0.001182 **
## factor(unit)22.6969696969697 6.840e-01 2.209e-01 3.097 0.001961 **
## factor(unit)22.7045454545455 7.297e-01 2.207e-01 3.306 0.000949 ***
## factor(unit)22.75 6.933e-01 2.194e-01 3.160 0.001584 **
## factor(unit)22.7575757575758 6.229e-01 1.776e-01 3.507 0.000455 ***
## factor(unit)22.7727272727273 6.592e-01 2.092e-01 3.152 0.001628 **
## factor(unit)22.8181818181818 6.056e-01 2.089e-01 2.898 0.003758 **
## factor(unit)22.8333333333333 5.894e-01 2.196e-01 2.683 0.007298 **
## factor(unit)22.875 5.971e-01 2.214e-01 2.697 0.007014 **
## factor(unit)22.8787878787879 6.048e-01 2.126e-01 2.845 0.004449 **
## factor(unit)22.8863636363636 6.266e-01 2.088e-01 3.000 0.002703 **
## factor(unit)22.9291338582677 6.237e-01 2.197e-01 2.839 0.004541 **
## factor(unit)22.9310344827586 5.980e-01 2.180e-01 2.744 0.006088 **
## factor(unit)22.9848484848485 6.899e-01 2.196e-01 3.142 0.001682 **
## factor(unit)23 6.453e-01 1.518e-01 4.251 2.15e-05 ***
## factor(unit)23.0108695652174 7.557e-01 2.200e-01 3.436 0.000594 ***
## factor(unit)23.0232558139535 6.171e-01 2.173e-01 2.839 0.004528 **
## factor(unit)23.0246913580247 5.287e-01 2.143e-01 2.467 0.013647 *
## factor(unit)23.0378787878788 6.244e-01 1.870e-01 3.338 0.000847 ***
## factor(unit)23.0754716981132 4.466e-01 2.087e-01 2.140 0.032393 *
## factor(unit)23.0833333333333 5.257e-01 2.203e-01 2.386 0.017062 *
## factor(unit)23.0862068965517 6.266e-01 2.128e-01 2.944 0.003249 **
## factor(unit)23.0909090909091 6.336e-01 1.809e-01 3.502 0.000464 ***
## factor(unit)23.0952380952381 5.121e-01 2.199e-01 2.329 0.019902 *
## factor(unit)23.1081081081081 6.132e-01 1.875e-01 3.270 0.001079 **
## factor(unit)23.1142857142857 5.567e-01 2.203e-01 2.527 0.011528 *
## factor(unit)23.1590909090909 6.182e-01 2.205e-01 2.803 0.005066 **
## factor(unit)23.1875 8.742e-01 2.088e-01 4.187 2.86e-05 ***
## factor(unit)23.2156862745098 5.840e-01 2.107e-01 2.771 0.005599 **
## factor(unit)23.2272727272727 6.256e-01 2.205e-01 2.837 0.004557 **
## factor(unit)23.2685185185185 5.269e-01 2.204e-01 2.391 0.016816 *
## factor(unit)23.2786885245902 5.932e-01 2.203e-01 2.693 0.007094 **
## factor(unit)23.280701754386 7.050e-01 2.205e-01 3.198 0.001390 **
## factor(unit)23.2954545454545 6.595e-01 2.206e-01 2.990 0.002794 **
## factor(unit)23.3076923076923 6.748e-01 2.183e-01 3.091 0.001999 **
## factor(unit)23.3157894736842 7.337e-01 2.088e-01 3.513 0.000444 ***
## factor(unit)23.3181818181818 4.644e-01 2.090e-01 2.222 0.026328 *
## factor(unit)23.3333333333333 6.448e-01 1.811e-01 3.560 0.000373 ***
## factor(unit)23.3384615384615 5.234e-01 2.098e-01 2.494 0.012642 *
## factor(unit)23.3780487804878 5.953e-01 2.201e-01 2.705 0.006847 **
## factor(unit)23.3863636363636 6.115e-01 2.089e-01 2.927 0.003432 **
## factor(unit)23.4318181818182 5.904e-01 2.164e-01 2.728 0.006387 **
## factor(unit)23.4545454545455 5.690e-01 2.203e-01 2.583 0.009812 **
## factor(unit)23.4809160305344 6.609e-01 2.086e-01 3.168 0.001537 **

```

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## factor(unit)23.4814814814815 6.511e-01 2.088e-01 3.118 0.001825 **
## factor(unit)23.5 6.987e-01 2.203e-01 3.171 0.001522 **
## factor(unit)23.5454545454545 5.859e-01 2.099e-01 2.792 0.005249 **
## factor(unit)23.5555555555556 7.071e-01 2.093e-01 3.378 0.000734 ***
## factor(unit)23.5688073394495 6.967e-01 2.203e-01 3.162 0.001570 **
## factor(unit)23.5757575757576 6.723e-01 2.137e-01 3.146 0.001660 **
## factor(unit)23.5833333333333 6.691e-01 1.810e-01 3.698 0.000219 ***
## factor(unit)23.5979381443299 6.548e-01 2.086e-01 3.140 0.001696 **
## factor(unit)23.6212121212121 5.320e-01 2.096e-01 2.538 0.011156 *
## factor(unit)23.6590909090909 6.821e-01 2.093e-01 3.258 0.001125 **
## factor(unit)23.6666666666667 7.282e-01 2.203e-01 3.306 0.000951 ***
## factor(unit)23.6703296703297 6.056e-01 2.125e-01 2.850 0.004381 **
## factor(unit)23.7272727272727 5.803e-01 2.215e-01 2.619 0.008829 **
## factor(unit)23.7441860465116 5.513e-01 2.200e-01 2.506 0.012217 *
## factor(unit)23.75 7.824e-01 2.203e-01 3.552 0.000384 ***
## factor(unit)23.7714285714286 7.719e-01 2.085e-01 3.702 0.000215 ***
## factor(unit)23.7878787878788 6.114e-01 2.192e-01 2.789 0.005292 **
## factor(unit)23.7961165048544 4.829e-01 2.085e-01 2.316 0.020591 *
## factor(unit)23.8392857142857 5.762e-01 2.208e-01 2.609 0.009087 **
## factor(unit)23.8484848484848 6.185e-01 2.189e-01 2.825 0.004731 **
## factor(unit)23.8666666666667 6.923e-01 2.085e-01 3.321 0.000900 ***
## factor(unit)23.8679245283019 6.694e-01 2.199e-01 3.044 0.002344 **
## factor(unit)23.8863636363636 5.198e-01 2.084e-01 2.494 0.012632 *
## factor(unit)23.9047619047619 5.941e-01 2.204e-01 2.695 0.007042 **
## factor(unit)23.9320388349515 7.003e-01 2.203e-01 3.179 0.001481 **
## factor(unit)23.9393939393939 7.170e-01 2.091e-01 3.428 0.000610 ***
## factor(unit)23.9652173913043 5.019e-01 2.084e-01 2.408 0.016045 *
## factor(unit)23.9772727272727 6.296e-01 1.697e-01 3.709 0.000209 ***
## factor(unit)23.9791666666667 5.928e-01 2.090e-01 2.836 0.004578 **
## factor(unit)24 6.079e-01 1.313e-01 4.630 3.71e-06 ***
## factor(unit)24.0454545454545 5.531e-01 1.882e-01 2.939 0.003300 **
## factor(unit)24.0786516853933 6.884e-01 2.091e-01 3.292 0.000999 ***
## factor(unit)24.1769911504425 6.398e-01 2.192e-01 2.919 0.003521 **
## factor(unit)24.2121212121212 5.438e-01 2.193e-01 2.480 0.013152 *
## factor(unit)24.2357723577236 7.580e-01 2.199e-01 3.448 0.000568 ***
## factor(unit)24.2386363636364 7.095e-01 2.109e-01 3.364 0.000772 ***
## factor(unit)24.265306122449 7.861e-01 2.209e-01 3.559 0.000374 ***
## factor(unit)24.3 6.694e-01 2.151e-01 3.111 0.001867 **
## factor(unit)24.3181818181818 6.480e-01 1.722e-01 3.764 0.000168 ***
## factor(unit)24.3333333333333 5.899e-01 2.194e-01 2.689 0.007184 **
## factor(unit)24.3484848484848 5.692e-01 2.199e-01 2.589 0.009644 **
## factor(unit)24.4166666666667 5.618e-01 2.202e-01 2.551 0.010748 *
## factor(unit)24.4545454545455 6.503e-01 2.134e-01 3.048 0.002311 **
## factor(unit)24.4807692307692 6.291e-01 2.203e-01 2.856 0.004298 **
## factor(unit)24.5121951219512 7.879e-01 2.139e-01 3.684 0.000231 ***
## factor(unit)24.5833333333333 7.204e-01 2.202e-01 3.272 0.001072 **
## factor(unit)24.5909090909091 6.512e-01 1.879e-01 3.466 0.000530 ***
## factor(unit)24.7387387387387 6.394e-01 2.168e-01 2.950 0.003190 **
## factor(unit)24.7954545454545 6.727e-01 1.880e-01 3.578 0.000348 ***
## factor(unit)24.90625 6.212e-01 2.201e-01 2.823 0.004773 **
## factor(unit)24.9469696969697 6.588e-01 2.201e-01 2.993 0.002772 **
## factor(unit)25 6.544e-01 1.492e-01 4.386 1.17e-05 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

```



```
##  
## Residual standard error: 0.1621 on 9822 degrees of freedom  
## (7 observations deleted due to missingness)  
## Multiple R-squared: 0.9272, Adjusted R-squared: 0.9035  
## F-statistic: 39.09 on 3200 and 9822 DF, p-value: < 2.2e-16
```

- First difference estimator for β .