2-Datamanagement

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Data management

Les données

Les données sont des valeurs de variables quantitatives ou qualitatives appartenant à un ensemble de sujets.

Données brutes

- Données disponibles dans la base de données d'origine
- Preprocessing nécessaire pour les analyser
- Souvent dans des bases de données relationnelles

Comment mettre en forme des données ?

Notion de tidy data :

- 1 variable par colonne
- 1 information par ligne
- si tables multiples, clefs de lien présentes dans les tables
- 1 ligne avec des noms de colonnes, noms des variables
- 1 table par fichier

Données pour l'analyse

Souvent dans un fichier plat :

- 1 Individu par ligne
- Redondance d'information
- Nécessité de croiser des tables d'origine

Noms des variables

- En minuscule
- Sans accent
- Pas de doublons
- Débutent pas une lettre

Données

- Brutes : pas d'unité
- Descriptive: Vrai/faux, oui/non , 1/0
- Une donnée par variables
- Homogène : attention à la casse

Fichier descriptif

- Information précise sur les variables (unités de mesure)

Liste d'instruction :

`Données brutes  tidy`

- L'idéal : un script R/python
- En entré les données brutes
- En sortie les données propre
- Préciser les étapes supplémentaires dans ce script

Importer un fichier

```r
# Le plus simple
read.csv2(...)
BDD<- read.csv2(...)


## D'autres solutions
library(xlsx)
read.xlsx(...)
```

Importer un fichier

```python
# Le plus simple
import pandas as pd
pd.read_csv(..., sep=';')
BDD = pd.read_csv(..., sep=';')


# D'autres solutions
import openpyxl
pd.read_excel(...)
```

Regarder la structure d'un fichier

```r
str(BDD)
```

```
'data.frame':   32 obs. of  11 variables:
 $ mpg : num  21 21 22.8 21.4 18.7 18.1 14.3 24.4 22.8 19.2 ...
 $ cyl : num  6 6 4 6 8 6 8 4 4 6 ...
 $ disp: num  160 160 108 258 360 ...
 $ hp  : num  110 110 93 110 175 105 245 62 95 123 ...
 $ drat: num  3.9 3.9 3.85 3.08 3.15 2.76 3.21 3.69 3.92 3.92 ...
 $ wt  : num  2.62 2.88 2.32 3.21 3.44 ...
 $ qsec: num  16.5 17 18.6 19.4 17 ...
 $ vs  : num  0 0 1 1 0 1 0 1 1 1 ...
 $ am  : num  1 1 1 0 0 0 0 0 0 0 ...
```

```
 $ gear: num  4 4 4 3 3 3 3 4 4 4 ...
 $ carb: num  4 4 1 1 2 1 4 2 2 4 ...
```

```
#Python
#print(BDD.info())
```

Analyser les types de vriables

Différents types de variables :

- Quantitatives
- Qualitatives
- Dates
- Texte Libre

Variables quantitatives

- Stockées sous un format numérique
- Discrètes ou continues
- Possibilité de convertir de «character» à numérique :

. . .

```
#
as.numeric(var)
```

```
import pandas as pd
var = pd.to_numeric(var, errors='coerce')
```

Variables qualitatives

- Variables à plusieurs modalités :
  - Nominales
  - Ordinales
- Représenter sous forme de facteur dans r

. . .

```
#
as.factor(var)
```

```
# Convertir la variable en catégorie (équivalent à un facteur en R)
var = var.astype('category')
```

- Éviter les variables factorielles à plus de 5 modalités
- Cas spécifique si deux modalités : variables binomiales

Variables qualitatives

Questions à choix multiples dans un questionnaire

Maladies du patient
Diabètes; Infarctus
Infarctus; Covid

Variables qualitatives

Peuvent toujours être séparées en n variables binaires (n = nombre de modalités)

Maladies du patient	Diabète	Infarctus	Covid
Diabète; Infarctus	Oui	Oui	Non
Infarctus; Covid	Non	Oui	Oui

Dates

- Format anglais : mois/jour/année
- Format français : jour/mois/année
- Stockées sous forme de nombre par rapport à une date 1er janvier 1900 dans Excel

R

Installation de package

```
install.package(...)

# aide pour les fonctions
?install.package

install.packages("readxl")
```

Chargement du package + de la base de donnée

```
library("readxl")


# Chemin du fichier, remplacer "\" par "/" ou "\\"

read_excel("~chemin du fichier~/data1.xlsx")

data1 <- read_excel(".data1.xlsx",
                    1,na =c(" ","","N/A","NA"))

data2 <- read_excel(path ="~chemin du fichier~/data1.xlsx",
                     sheet = 2)
```

Chargement de la base de donnée

```
Warning: le package 'readxl' a été compilé avec la version R 4.1.3
```

```
data1 <- read_excel("./data1.xlsx",
                    1,na =c(" ","","N/A","NA"))
```

```
New names:
* `` -> `...8`
* `Pathologie lié au travail ? [Commentaire]` -> `Pathologie lié au travail ?
  [Commentaire]...15`
```

```
* `Pathologie lié au travail ? [Commentaire]` -> `Pathologie lié au travail ?
  [Commentaire]...17`
* `Pathologie lié au travail ? [Commentaire]` -> `Pathologie lié au travail ?
  [Commentaire]...19`
* `Type examen complementaire : [Commentaire]` -> `Type examen complementaire :
  [Commentaire]...31`
* `Type examen complementaire : [Commentaire]` -> `Type examen complementaire :
  [Commentaire]...33`
* `Type examen complementaire : [Commentaire]` -> `Type examen complementaire :
  [Commentaire]...35`
```

```
data2 <- read_excel(path ="./data1.xlsx",
                    sheet = 2)
```

Structure de la base de données

```
dim(data1)
```

```
[1] 36 44
```

Structure de la base de données

```
str(data1[,1:10])
```

```
tibble [36 x 10] (S3: tbl_df/tbl/data.frame)
 $ ID de la réponse          : num [1:36] 45 46 47 48 49 50 51 52 53 54 ...
 $ Date de soumission        : chr [1:36] "2021-07-19 21:16:11" "2021-07-19 21:31:35" "2021-0
 $ Dernière page             : num [1:36] 2 2 2 2 NA 2 2 2 2 2 ...
 $ Langue de départ          : chr [1:36] "fr" "fr" "fr" "fr" ...
 $ Tête de série             : num [1:36] 4.88e+08 1.86e+09 2.10e+09 1.67e+09 1.97e+09 ...
 $ Date de lancement         : chr [1:36] "2021-07-19 20:57:49" "2021-07-19 21:18:42" "2021-0
 $ Date de la dernière action: chr [1:36] "2021-07-19 21:16:11" "2021-07-19 21:31:35" "2021-0
 $ ...8                      : logi [1:36] NA NA NA NA NA NA ...
 $ ID :                      : num [1:36] 30 NA 32 33 NA 34 35 36 37 39 ...
 $ Sexe du medcin traitant   : chr [1:36] "Féminin" "Féminin" "Féminin" "Masculin" ...
```

Structure de la base de données

```
head(data1)
```

```
# A tibble: 6 x 44
  ID de l~1 Date ~2 Derni~3 Langu~4 Tête ~5 Date ~6 Date ~7 ...8  `ID :` Sexe ~8
      <dbl> <chr>     <dbl> <chr>     <dbl> <chr>   <chr>   <lgl>  <dbl> <chr>
1        45 2021-0~       2 fr       4.88e8 2021-0~ 2021-0~ NA        30 Féminin
2        46 2021-0~       2 fr       1.86e9 2021-0~ 2021-0~ NA        NA Féminin
3        47 2021-0~       2 fr       2.10e9 2021-0~ 2021-0~ NA        32 Féminin
4        48 2021-0~       2 fr       1.67e9 2021-0~ 2021-0~ NA        33 Mascul~
5        49 <NA>         NA fr       1.97e9 2021-0~ 2021-0~ NA        NA Féminin
6        50 2021-0~       2 fr       2.14e9 2021-0~ 2021-0~ NA        34 <NA>
# ... with 34 more variables: `Délais de prise en charge (mois)` <chr>,
#   `Délais de RDV (mois)` <dbl>, `Medecin adresseur` <chr>,
#   `Pathologie lié au travail ? [AT]` <chr>,
#   `Pathologie lié au travail ? [Commentaire]...15` <dbl>,
#   `Pathologie lié au travail ? [AT non reconnu]` <chr>,
#   `Pathologie lié au travail ? [Commentaire]...17` <lgl>,
#   `Pathologie lié au travail ? [Autre]` <chr>, ...
```

Noms présents dans la base de données

```
names(data1)[1:10]
```

```
 [1] "ID de la réponse"           "Date de soumission"
 [3] "Dernière page"              "Langue de départ"
 [5] "Tête de série"              "Date de lancement"
 [7] "Date de la dernière action" "...8"
 [9] "ID :"                       "Sexe du medcin traitant"
```

notion de vecteur

```
c(1,2,3,4)
```

```
[1] 1 2 3 4
```

```r
c("a","b","c")
```

```
[1] "a" "b" "c"
```

```r
c("a",1,"c")
```

```
[1] "a" "1" "c"
```

notion de vecteur

```r
vecteur<- c("a","b","c")
vecteur2<- vecteur
vecteur3<- c(vecteur, vecteur2)
```

Variable d'une base de données

```r
data1$`Pathologie lié au travail ? [AT non reconnu]`
```

```
 [1] "Non" "Non" "Non" "Non" NA    "Non" "Non" "Non" "Non" "Non" "Non" "Non"
[13] "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non"
[25] "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non" "Non"
```

```r
data1[,1]
```

```
# A tibble: 36 x 1
   `ID de la réponse`
                <dbl>
 1                 45
 2                 46
 3                 47
 4                 48
 5                 49
 6                 50
 7                 51
 8                 52
 9                 53
10                 54
# ... with 26 more rows
```

Sélection des variables

base R

```
data1$`ID de la réponse`
data1[1,1:3]
data1[,1:3]
data1[,-1]
data1[,-c(1,3,4)]

data1[,c("ID de la réponse")]
```

Sélection des variables

base R

```
names(data1)=="ID.de.la.réponse"
```

```
 [1] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
[13] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
[25] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
[37] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
```

```
data1[,!(names(data1)=="ID.de.la.r?ponse")]

data1[,!(names(data1)%in%c(var1, var2 ...)]
```

Dplyr

- Version classique :

. . .

```
alleraubоulot(preparer(dejeuner(jemeleve(moi))))
var1<- jemeleve(moi)
var2<- dejeuner(var1)
```

. . .

- Version Dplyr :

```
moi%>%jemeleve%>%dejeuner%>%preparer%>%allerauboulot
data1%>%dim
data1%>%names%>%dput
```

Selection de variable, Dplyr

```
library(dplyr)

data1 %>% select(var1)
data1 %>% select(c(var1, var2, var3))
data1%>%select(-var1)
```

```
Warning: le package 'dplyr' a été compilé avec la version R 4.1.3
```

```

Attachement du package : 'dplyr'
```

```
Les objets suivants sont masqués depuis 'package:stats':

    filter, lag
```

```
Les objets suivants sont masqués depuis 'package:base':

    intersect, setdiff, setequal, union
```

Changer le type de données :

base R

```
as.numeric(c('1','2','3'))
```

```
[1] 1 2 3
```

```r
as.character(c(1,2,3))
```

```
[1] "1" "2" "3"
```

```r
as.factor(c(2,3,4))
```

```
[1] 2 3 4
Levels: 2 3 4
```

```r
# Attention pas de as.numeric directement sur un as.factor
as.factor(c(4,3,2))%>%as.character()%>%as.numeric()
```

```
[1] 4 3 2
```

```r
as.Date("01-01-2022",format="%d-%m-%Y")
```

```
[1] "2022-01-01"
```

```r
as.Date("0101-22",format="%d%m-%y")
```

```
[1] "2022-01-01"
```

Changer le type de données :

base R

```r
data1$Sexe.du.medcin.traitant<-as.factor(data1$Sexe.du.medcin.traitant)
data1$Medecin.adresseur<- as.factor(data1$Medecin.adresseur)
```

Changer le type de données :

dplyr

```
data1<-data1%>%
  mutate(Sexe.du.medcin.traitant=as.factor(Sexe.du.medcin.traitant),
                      Medecin.adresseur = as.factor(Medecin.adresseur))

data1<-data1%>%
  mutate_at(c("Sexe.du.medcin.traitant","Medecin.adresseur"),
                  as.factor)
```

Modification des variables

Base R

```
data1$Sexe.du.medcin.traitant[which(data1$Sexe.du.medcin.traitant==45)]<-
    NA
data1$Sexe.du.medcin.traitant%>%droplevels()
data1$Sexe.du.medcin.traitant[which(data1$Sexe.du.medcin.traitant=="f")]<-
    "Féminin"
```

Modification des variables

dplyr

```
data1$Sexe.du.medcin.traitant<- as.character(data1$Sexe.du.medcin.traitant)
data1<-data1%>%
  mutate(Sexe.du.medcin.traitant =
      case_when(Sexe.du.medcin.traitant==45~NA_character_,
                Sexe.du.medcin.traitant=="f"~"Féminin",
                Sexe.du.medcin.traitant=="m"~"Masculin",
                TRUE ~Sexe.du.medcin.traitant)%>%as.factor)
```

Remplacement des données manquantes

base R

```
data[,indice][is.na(data[,indice])]<-0
```

dplyr

```
data2%>%mutate_at("Age",
                  function(x) ifelse(is.na(x),0,x))
```

Joindre des bases de données

```
basefinal<-base1%>%left_join(base2,by =c("id" = "id"))
basefinal<-base1%>%inner_join(base2,by =c("id" = "id"))
basefinal<-base1%>%right_join(base2,by =c("id" = "id"))
basefinal<-base1%>%outer_join(base2,by =c("id" = "id"))
```

Python

Installation de package

```
# Installation du package
#!pip install pandas openpyxl
import pandas as pd
# aide pour les fonctions
help(pd.read_excel)
```

```
Help on function read_excel in module pandas.io.excel._base:

read_excel(io, sheet_name: 'str | int | list[IntStrT] | None' = 0, *, header: 'int | Sequence
    Read an Excel file into a ``pandas`` ``DataFrame``.

    Supports `xls`, `xlsx`, `xlsm`, `xlsb`, `odf`, `ods` and `odt` file extensions
    read from a local filesystem or URL. Supports an option to read
    a single sheet or a list of sheets.

    Parameters
    ----------
    io : str, bytes, ExcelFile, xlrd.Book, path object, or file-like object
        Any valid string path is acceptable. The string could be a URL. Valid
        URL schemes include http, ftp, s3, and file. For file URLs, a host is
```

```
    expected. A local file could be: ``file://localhost/path/to/table.xlsx``.

    If you want to pass in a path object, pandas accepts any ``os.PathLike``.

    By file-like object, we refer to objects with a ``read()`` method,
    such as a file handle (e.g. via builtin ``open`` function)
    or ``StringIO``.

    .. deprecated:: 2.1.0
        Passing byte strings is deprecated. To read from a
        byte string, wrap it in a ``BytesIO`` object.
sheet_name : str, int, list, or None, default 0
    Strings are used for sheet names. Integers are used in zero-indexed
    sheet positions (chart sheets do not count as a sheet position).
    Lists of strings/integers are used to request multiple sheets.
    Specify ``None`` to get all worksheets.

    Available cases:

    * Defaults to ``0``: 1st sheet as a `DataFrame`
    * ``1``: 2nd sheet as a `DataFrame`
    * ``"Sheet1"``: Load sheet with name "Sheet1"
    * ``[0, 1, "Sheet5"]``: Load first, second and sheet named "Sheet5"
      as a dict of `DataFrame`
    * ``None``: All worksheets.

header : int, list of int, default 0
    Row (0-indexed) to use for the column labels of the parsed
    DataFrame. If a list of integers is passed those row positions will
    be combined into a ``MultiIndex``. Use None if there is no header.
names : array-like, default None
    List of column names to use. If file contains no header row,
    then you should explicitly pass header=None.
index_col : int, str, list of int, default None
    Column (0-indexed) to use as the row labels of the DataFrame.
    Pass None if there is no such column.  If a list is passed,
    those columns will be combined into a ``MultiIndex``.  If a
    subset of data is selected with ``usecols``, index_col
    is based on the subset.

    Missing values will be forward filled to allow roundtripping with
    ``to_excel`` for ``merged_cells=True``. To avoid forward filling the
    missing values use ``set_index`` after reading the data instead of
```

```
    ``index_col``.
usecols : str, list-like, or callable, default None
    * If None, then parse all columns.
    * If str, then indicates comma separated list of Excel column letters
      and column ranges (e.g. "A:E" or "A,C,E:F"). Ranges are inclusive of
      both sides.
    * If list of int, then indicates list of column numbers to be parsed
      (0-indexed).
    * If list of string, then indicates list of column names to be parsed.
    * If callable, then evaluate each column name against it and parse the
      column if the callable returns ``True``.

    Returns a subset of the columns according to behavior above.
dtype : Type name or dict of column -> type, default None
    Data type for data or columns. E.g. {'a': np.float64, 'b': np.int32}
    Use ``object`` to preserve data as stored in Excel and not interpret dtype,
    which will necessarily result in ``object`` dtype.
    If converters are specified, they will be applied INSTEAD
    of dtype conversion.
    If you use ``None``, it will infer the dtype of each column based on the data.
engine : {'openpyxl', 'calamine', 'odf', 'pyxlsb', 'xlrd'}, default None
    If io is not a buffer or path, this must be set to identify io.
    Engine compatibility :

    - ``openpyxl`` supports newer Excel file formats.
    - ``calamine`` supports Excel (.xls, .xlsx, .xlsm, .xlsb)
      and OpenDocument (.ods) file formats.
    - ``odf`` supports OpenDocument file formats (.odf, .ods, .odt).
    - ``pyxlsb`` supports Binary Excel files.
    - ``xlrd`` supports old-style Excel files (.xls).

    When ``engine=None``, the following logic will be used to determine the engine:

    - If ``path_or_buffer`` is an OpenDocument format (.odf, .ods, .odt),
      then `odf <https://pypi.org/project/odfpy/>`_ will be used.
    - Otherwise if ``path_or_buffer`` is an xls format, ``xlrd`` will be used.
    - Otherwise if ``path_or_buffer`` is in xlsb format, ``pyxlsb`` will be used.
    - Otherwise ``openpyxl`` will be used.
converters : dict, default None
    Dict of functions for converting values in certain columns. Keys can
    either be integers or column labels, values are functions that take one
    input argument, the Excel cell content, and return the transformed
    content.
```

```
true_values : list, default None
    Values to consider as True.
false_values : list, default None
    Values to consider as False.
skiprows : list-like, int, or callable, optional
    Line numbers to skip (0-indexed) or number of lines to skip (int) at the
    start of the file. If callable, the callable function will be evaluated
    against the row indices, returning True if the row should be skipped and
    False otherwise. An example of a valid callable argument would be ``lambda
    x: x in [0, 2]``.
nrows : int, default None
    Number of rows to parse.
na_values : scalar, str, list-like, or dict, default None
    Additional strings to recognize as NA/NaN. If dict passed, specific
    per-column NA values. By default the following values are interpreted
    as NaN: '', '#N/A', '#N/A N/A', '#NA', '-1.#IND', '-1.#QNAN', '-NaN', '-nan',
    '1.#IND', '1.#QNAN', '<NA>', 'N/A', 'NA', 'NULL', 'NaN', 'None',
    'n/a', 'nan', 'null'.
keep_default_na : bool, default True
    Whether or not to include the default NaN values when parsing the data.
    Depending on whether ``na_values`` is passed in, the behavior is as follows:

    * If ``keep_default_na`` is True, and ``na_values`` are specified,
      ``na_values`` is appended to the default NaN values used for parsing.
    * If ``keep_default_na`` is True, and ``na_values`` are not specified, only
      the default NaN values are used for parsing.
    * If ``keep_default_na`` is False, and ``na_values`` are specified, only
      the NaN values specified ``na_values`` are used for parsing.
    * If ``keep_default_na`` is False, and ``na_values`` are not specified, no
      strings will be parsed as NaN.

    Note that if `na_filter` is passed in as False, the ``keep_default_na`` and
    ``na_values`` parameters will be ignored.
na_filter : bool, default True
    Detect missing value markers (empty strings and the value of na_values). In
    data without any NAs, passing ``na_filter=False`` can improve the
    performance of reading a large file.
verbose : bool, default False
    Indicate number of NA values placed in non-numeric columns.
parse_dates : bool, list-like, or dict, default False
    The behavior is as follows:

    * ``bool``. If True -> try parsing the index.
```

```
    * ``list`` of int or names. e.g. If [1, 2, 3] -> try parsing columns 1, 2, 3
      each as a separate date column.
    * ``list`` of lists. e.g.  If [[1, 3]] -> combine columns 1 and 3 and parse as
      a single date column.
    * ``dict``, e.g. {'foo' : [1, 3]} -> parse columns 1, 3 as date and call
      result 'foo'

    If a column or index contains an unparsable date, the entire column or
    index will be returned unaltered as an object data type. If you don`t want to
    parse some cells as date just change their type in Excel to "Text".
    For non-standard datetime parsing, use ``pd.to_datetime`` after ``pd.read_excel``.

    Note: A fast-path exists for iso8601-formatted dates.
date_parser : function, optional
    Function to use for converting a sequence of string columns to an array of
    datetime instances. The default uses ``dateutil.parser.parser`` to do the
    conversion. Pandas will try to call `date_parser` in three different ways,
    advancing to the next if an exception occurs: 1) Pass one or more arrays
    (as defined by `parse_dates`) as arguments; 2) concatenate (row-wise) the
    string values from the columns defined by `parse_dates` into a single array
    and pass that; and 3) call `date_parser` once for each row using one or
    more strings (corresponding to the columns defined by `parse_dates`) as
    arguments.

    .. deprecated:: 2.0.0
       Use ``date_format`` instead, or read in as ``object`` and then apply
       :func:`to_datetime` as-needed.
date_format : str or dict of column -> format, default ``None``
   If used in conjunction with ``parse_dates``, will parse dates according to this
   format. For anything more complex,
   please read in as ``object`` and then apply :func:`to_datetime` as-needed.

   .. versionadded:: 2.0.0
thousands : str, default None
    Thousands separator for parsing string columns to numeric.  Note that
    this parameter is only necessary for columns stored as TEXT in Excel,
    any numeric columns will automatically be parsed, regardless of display
    format.
decimal : str, default '.'
    Character to recognize as decimal point for parsing string columns to numeric.
    Note that this parameter is only necessary for columns stored as TEXT in Excel,
    any numeric columns will automatically be parsed, regardless of display
    format.(e.g. use ',' for European data).
```

```
    .. versionadded:: 1.4.0

comment : str, default None
    Comments out remainder of line. Pass a character or characters to this
    argument to indicate comments in the input file. Any data between the
    comment string and the end of the current line is ignored.
skipfooter : int, default 0
    Rows at the end to skip (0-indexed).
storage_options : dict, optional
    Extra options that make sense for a particular storage connection, e.g.
    host, port, username, password, etc. For HTTP(S) URLs the key-value pairs
    are forwarded to ``urllib.request.Request`` as header options. For other
    URLs (e.g. starting with "s3://", and "gcs://") the key-value pairs are
    forwarded to ``fsspec.open``. Please see ``fsspec`` and ``urllib`` for more
    details, and for more examples on storage options refer `here
    <https://pandas.pydata.org/docs/user_guide/io.html?
    highlight=storage_options#reading-writing-remote-files>`_.

dtype_backend : {'numpy_nullable', 'pyarrow'}, default 'numpy_nullable'
    Back-end data type applied to the resultant :class:`DataFrame`
    (still experimental). Behaviour is as follows:

    * ``"numpy_nullable"``: returns nullable-dtype-backed :class:`DataFrame`
      (default).
    * ``"pyarrow"``: returns pyarrow-backed nullable :class:`ArrowDtype`
      DataFrame.

    .. versionadded:: 2.0

engine_kwargs : dict, optional
    Arbitrary keyword arguments passed to excel engine.

Returns
-------
DataFrame or dict of DataFrames
    DataFrame from the passed in Excel file. See notes in sheet_name
    argument for more information on when a dict of DataFrames is returned.

See Also
--------
DataFrame.to_excel : Write DataFrame to an Excel file.
DataFrame.to_csv : Write DataFrame to a comma-separated values (csv) file.
```

```
read_csv : Read a comma-separated values (csv) file into DataFrame.
read_fwf : Read a table of fixed-width formatted lines into DataFrame.

Notes
-----
For specific information on the methods used for each Excel engine, refer to the pandas
:ref:`user guide <io.excel_reader>`

Examples
--------
The file can be read using the file name as string or an open file object:

>>> pd.read_excel('tmp.xlsx', index_col=0)  # doctest: +SKIP
       Name  Value
0   string1      1
1   string2      2
2  #Comment      3

>>> pd.read_excel(open('tmp.xlsx', 'rb'),
...               sheet_name='Sheet3')  # doctest: +SKIP
   Unnamed: 0      Name  Value
0           0   string1      1
1           1   string2      2
2           2  #Comment      3

Index and header can be specified via the `index_col` and `header` arguments

>>> pd.read_excel('tmp.xlsx', index_col=None, header=None)  # doctest: +SKIP
     0         1      2
0  NaN      Name  Value
1  0.0   string1      1
2  1.0   string2      2
3  2.0  #Comment      3

Column types are inferred but can be explicitly specified

>>> pd.read_excel('tmp.xlsx', index_col=0,
...               dtype={'Name': str, 'Value': float})  # doctest: +SKIP
       Name  Value
0   string1    1.0
1   string2    2.0
2  #Comment    3.0
```

```
True, False, and NA values, and thousands separators have defaults,
but can be explicitly specified, too. Supply the values you would like
as strings or lists of strings!

>>> pd.read_excel('tmp.xlsx', index_col=0,
...               na_values=['string1', 'string2'])  # doctest: +SKIP
       Name  Value
0       NaN      1
1       NaN      2
2  #Comment      3

Comment lines in the excel input file can be skipped using the
``comment`` kwarg.

>>> pd.read_excel('tmp.xlsx', index_col=0, comment='#')  # doctest: +SKIP
      Name  Value
0  string1    1.0
1  string2    2.0
2     None    NaN
```

Chargement du package + de la base de données

```
import pandas as pd

# Chemin du fichier
#pd.read_excel("~chemin du fichier~/data1.xlsx")

data1 = pd.read_excel("./data1.xlsx", sheet_name=0, na_values=[" ", "", "N/A", "NA"])

data2 = pd.read_excel("./data1.xlsx", sheet_name=1)
```

Structure de la base de données

```
# Dimensions de la base de données
data1.shape
```

```
(36, 44)
```

Structure de la base de données

```
# Structure des 10 premières colonnes
print(data1.iloc[:, :10].info())
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 36 entries, 0 to 35
Data columns (total 10 columns):
 #   Column                       Non-Null Count  Dtype
---  ------                       --------------  -----
 0   ID de la réponse             36 non-null     int64
 1   Date de soumission           34 non-null     object
 2   Dernière page                35 non-null     float64
 3   Langue de départ             36 non-null     object
 4   Tête de série                36 non-null     int64
 5   Date de lancement            36 non-null     object
 6   Date de la dernière action   36 non-null     object
 7                                0 non-null      float64
 8   ID :                         34 non-null     float64
 9   Sexe du medcin traitant      35 non-null     object
dtypes: float64(3), int64(2), object(5)
memory usage: 2.9+ KB
None
```

Structure de la base de données

```
# Afficher les premières lignes
data1.head()
```

```
   ID de la réponse  ...                    Quel autre spécialiste consulté
0                45  ...  chirurgien maxilo-facial, dentiste, stomatolog...
1                46  ...                                                NaN
2                47  ...                                                NaN
3                48  ...                                                NaN
4                49  ...                                                NaN

[5 rows x 44 columns]
```

Noms présents dans la base de données

```
# Noms des 10 premières colonnes
data1.columns[:10]
```

```
Index(['ID de la réponse', 'Date de soumission', 'Dernière page',
       'Langue de départ', 'Tête de série', 'Date de lancement',
       'Date de la dernière action', ' ', 'ID :', 'Sexe du medcin traitant'],
      dtype='object')
```

Notion de vecteur

```
# Création de vecteurs
[1, 2, 3, 4]
```

```
[1, 2, 3, 4]
```

```
["a", "b", "c"]
```

```
['a', 'b', 'c']
```

```
["a", 1, "c"]
```

```
['a', 1, 'c']
```

Notion de vecteur

```
vecteur = ["a", "b", "c"]
vecteur2 = vecteur
vecteur3 = vecteur + vecteur2
```

Variable d'une base de données

```
data1["Pathologie lié au travail ? [AT non reconnu]"]
```

```
0     Non
1     Non
2     Non
3     Non
4     NaN
5     Non
6     Non
7     Non
8     Non
9     Non
10    Non
11    Non
12    Non
13    Non
14    Non
15    Non
16    Non
17    Non
18    Non
19    Non
20    Non
21    Non
22    Non
23    Non
24    Non
25    Non
26    Non
27    Non
28    Non
29    Non
30    Non
31    Non
32    Non
33    Non
34    Non
35    Non
Name: Pathologie lié au travail ? [AT non reconnu], dtype: object
```

```
data1.iloc[:, 0]
```

```
0     45
1     46
2     47
3     48
4     49
5     50
6     51
7     52
8     53
9     54
10    55
11    56
12    57
13    58
14    59
15    60
16    61
17    62
18    63
19    64
20    65
21    66
22    67
23    68
24    69
25    70
26    71
27    72
28    73
29    74
30    75
31    76
32    77
33    78
34    79
35    80
Name: ID de la réponse, dtype: int64
```

Sélection des variables

Base Python

```
data1["ID de la réponse"]
```

```
0     45
1     46
2     47
3     48
4     49
5     50
6     51
7     52
8     53
9     54
10    55
11    56
12    57
13    58
14    59
15    60
16    61
17    62
18    63
19    64
20    65
21    66
22    67
23    68
24    69
25    70
26    71
27    72
28    73
29    74
30    75
31    76
32    77
33    78
34    79
```

```
35    80
Name: ID de la réponse, dtype: int64
```

```
data1.iloc[0, 0:3]
```

```
ID de la réponse                       45
Date de soumission    2021-07-19 21:16:11
Dernière page                         2.0
Name: 0, dtype: object
```

```
data1.iloc[:, 0:3]
```

	ID de la réponse	Date de soumission	Dernière page
0	45	2021-07-19 21:16:11	2.0
1	46	2021-07-19 21:31:35	2.0
2	47	2021-07-19 21:47:58	2.0
3	48	2021-07-19 22:04:06	2.0
4	49	NaN	NaN
5	50	2021-07-27 18:57:00	2.0
6	51	2021-07-27 19:14:39	2.0
7	52	2021-07-27 20:44:16	2.0
8	53	2021-07-27 20:56:24	2.0
9	54	2021-07-27 21:31:32	2.0
10	55	2021-07-27 21:51:52	2.0
11	56	2021-07-31 16:14:59	2.0
12	57	2021-07-31 16:39:13	2.0
13	58	2021-07-31 17:07:56	2.0
14	59	2021-07-31 17:23:53	2.0
15	60	2021-07-31 17:52:27	2.0
16	61	2021-07-31 18:11:53	2.0
17	62	2021-07-31 18:30:28	2.0
18	63	2021-07-31 19:12:32	2.0
19	64	2021-07-31 19:35:58	2.0
20	65	2021-07-31 20:01:16	2.0
21	66	2021-08-01 17:58:40	2.0
22	67	2021-08-01 18:18:12	2.0
23	68	2021-08-01 18:34:58	2.0
24	69	2021-08-01 18:47:18	2.0
25	70	2021-08-01 19:08:47	2.0
26	71	2021-08-01 19:36:45	2.0
27	72	2021-08-01 20:12:18	2.0

```
28                73  2021-08-01 20:34:49            2.0
29                74  2021-08-02 19:39:40            2.0
30                75                  NaN           -1.0
31                76  2021-08-02 21:26:34            2.0
32                77  2021-08-02 21:44:12            2.0
33                78  2021-08-02 22:02:31            2.0
34                79  2021-08-02 22:18:36            2.0
35                80  2021-08-02 22:31:01            2.0
```

```
data1.iloc[:, 1:]
```

```
     Date de soumission  ...                    Quel autre spécialiste consulté
0   2021-07-19 21:16:11  ...  chirurgien maxilo-facial, dentiste, stomatolog...
1   2021-07-19 21:31:35  ...                                                NaN
2   2021-07-19 21:47:58  ...                                                NaN
3   2021-07-19 22:04:06  ...                                                NaN
4                   NaN  ...                                                NaN
5   2021-07-27 18:57:00  ...                                          algologue
6   2021-07-27 19:14:39  ...  dermatologue, psychiatre, cardiologue\nRq: cla...
7   2021-07-27 20:44:16  ...                                                NaN
8   2021-07-27 20:56:24  ...                                                NaN
9   2021-07-27 21:31:32  ...                   dermato x 2, médecin militaire
10  2021-07-27 21:51:52  ...                                          algologue
11  2021-07-31 16:14:59  ...                                                NaN
12  2021-07-31 16:39:13  ...                                                NaN
13  2021-07-31 17:07:56  ...                                                NaN
14  2021-07-31 17:23:53  ...                                                NaN
15  2021-07-31 17:52:27  ...                                gastro-entérologue
16  2021-07-31 18:11:53  ...                                                NaN
17  2021-07-31 18:30:28  ...                                                NaN
18  2021-07-31 19:12:32  ...                                                NaN
19  2021-07-31 19:35:58  ...                                                NaN
20  2021-07-31 20:01:16  ...  ophtalmologue (x 3) + médecin du sommeil + car...
21  2021-08-01 17:58:40  ...                                          angiologue
22  2021-08-01 18:18:12  ...                              urologue, gynécologue
23  2021-08-01 18:34:58  ...                                              pneumo
24  2021-08-01 18:47:18  ...                                 médecin du sommeil
25  2021-08-01 19:08:47  ...                                                NaN
26  2021-08-01 19:36:45  ...                                                NaN
27  2021-08-01 20:12:18  ...                                                NaN
28  2021-08-01 20:34:49  ...                                                NaN
29  2021-08-02 19:39:40  ...                                            ORL x 2
```

```
30                  NaN  ...                                                NaN
31  2021-08-02 21:26:34  ...                                                NaN
32  2021-08-02 21:44:12  ...                                                NaN
33  2021-08-02 22:02:31  ...                                                NaN
34  2021-08-02 22:18:36  ...                                                NaN
35  2021-08-02 22:31:01  ...                                                NaN

[36 rows x 43 columns]
```

```
data1.drop(columns=data1.columns[[0, 2, 3]])
```

```
     Date de soumission  ...                    Quel autre spécialiste consulté
0   2021-07-19 21:16:11  ...  chirurgien maxilo-facial, dentiste, stomatolog...
1   2021-07-19 21:31:35  ...                                                NaN
2   2021-07-19 21:47:58  ...                                                NaN
3   2021-07-19 22:04:06  ...                                                NaN
4                   NaN  ...                                                NaN
5   2021-07-27 18:57:00  ...                                          algologue
6   2021-07-27 19:14:39  ...  dermatologue, psychiatre, cardiologue\nRq: cla...
7   2021-07-27 20:44:16  ...                                                NaN
8   2021-07-27 20:56:24  ...                                                NaN
9   2021-07-27 21:31:32  ...                   dermato x 2, médecin militaire
10  2021-07-27 21:51:52  ...                                          algologue
11  2021-07-31 16:14:59  ...                                                NaN
12  2021-07-31 16:39:13  ...                                                NaN
13  2021-07-31 17:07:56  ...                                                NaN
14  2021-07-31 17:23:53  ...                                                NaN
15  2021-07-31 17:52:27  ...                                gastro-entérologue
16  2021-07-31 18:11:53  ...                                                NaN
17  2021-07-31 18:30:28  ...                                                NaN
18  2021-07-31 19:12:32  ...                                                NaN
19  2021-07-31 19:35:58  ...                                                NaN
20  2021-07-31 20:01:16  ...  ophtalmologue (x 3) + médecin du sommeil + car...
21  2021-08-01 17:58:40  ...                                          angiologue
22  2021-08-01 18:18:12  ...                              urologue, gynécologue
23  2021-08-01 18:34:58  ...                                              pneumo
24  2021-08-01 18:47:18  ...                                 médecin du sommeil
25  2021-08-01 19:08:47  ...                                                NaN
26  2021-08-01 19:36:45  ...                                                NaN
27  2021-08-01 20:12:18  ...                                                NaN
28  2021-08-01 20:34:49  ...                                                NaN
29  2021-08-02 19:39:40  ...                                            ORL x 2
```

```
30                  NaN  ...                                                NaN
31  2021-08-02 21:26:34  ...                                                NaN
32  2021-08-02 21:44:12  ...                                                NaN
33  2021-08-02 22:02:31  ...                                                NaN
34  2021-08-02 22:18:36  ...                                                NaN
35  2021-08-02 22:31:01  ...                                                NaN

[36 rows x 41 columns]
```

```
data1.loc[:, ["ID de la réponse"]]
```

```
    ID de la réponse
0                 45
1                 46
2                 47
3                 48
4                 49
5                 50
6                 51
7                 52
8                 53
9                 54
10                55
11                56
12                57
13                58
14                59
15                60
16                61
17                62
18                63
19                64
20                65
21                66
22                67
23                68
24                69
25                70
26                71
27                72
28                73
29                74
```

```
30                75
31                76
32                77
33                78
34                79
35                80
```

Sélection des variables

Base Python

```
(data1.columns == "ID de la réponse").tolist()
```

```
[True, False, False, False, False, False, False, False, False, False, False, False, False, Fa
```

```
data1.loc[:, ~(data1.columns == "ID de la réponse")]

#data1.loc[:, ~data1.columns.isin([var1, var2])]
```

```
     Date de soumission  ...                    Quel autre spécialiste consulté
0   2021-07-19 21:16:11  ...  chirurgien maxilo-facial, dentiste, stomatolog...
1   2021-07-19 21:31:35  ...                                                NaN
2   2021-07-19 21:47:58  ...                                                NaN
3   2021-07-19 22:04:06  ...                                                NaN
4                   NaN  ...                                                NaN
5   2021-07-27 18:57:00  ...                                          algologue
6   2021-07-27 19:14:39  ...  dermatologue, psychiatre, cardiologue\nRq: cla...
7   2021-07-27 20:44:16  ...                                                NaN
8   2021-07-27 20:56:24  ...                                                NaN
9   2021-07-27 21:31:32  ...                    dermato x 2, médecin militaire
10  2021-07-27 21:51:52  ...                                          algologue
11  2021-07-31 16:14:59  ...                                                NaN
12  2021-07-31 16:39:13  ...                                                NaN
13  2021-07-31 17:07:56  ...                                                NaN
14  2021-07-31 17:23:53  ...                                                NaN
15  2021-07-31 17:52:27  ...                                gastro-entérologue
16  2021-07-31 18:11:53  ...                                                NaN
17  2021-07-31 18:30:28  ...                                                NaN
18  2021-07-31 19:12:32  ...                                                NaN
```

```
19  2021-07-31 19:35:58  ...                                                NaN
20  2021-07-31 20:01:16  ...  ophtalmologue (x 3) + médecin du sommeil + car...
21  2021-08-01 17:58:40  ...                                          angiologue
22  2021-08-01 18:18:12  ...                          urologue, gynécologue
23  2021-08-01 18:34:58  ...                                             pneumo
24  2021-08-01 18:47:18  ...                             médecin du sommeil
25  2021-08-01 19:08:47  ...                                                NaN
26  2021-08-01 19:36:45  ...                                                NaN
27  2021-08-01 20:12:18  ...                                                NaN
28  2021-08-01 20:34:49  ...                                                NaN
29  2021-08-02 19:39:40  ...                                           ORL x 2
30                  NaN  ...                                                NaN
31  2021-08-02 21:26:34  ...                                                NaN
32  2021-08-02 21:44:12  ...                                                NaN
33  2021-08-02 22:02:31  ...                                                NaN
34  2021-08-02 22:18:36  ...                                                NaN
35  2021-08-02 22:31:01  ...                                                NaN

[36 rows x 43 columns]
```

Sélection de variables avec Pandas

```
#data1.filter(items=[var1])
#data1.filter(items=[var1, var2, var3])
#data1.drop(columns=[var1])
```

Changer le type de données :

Base Python

```
pd.to_numeric(['1', '2', '3'])
```

```
array([1, 2, 3], dtype=int64)
```

```
list(map(str, [1, 2, 3]))
```

```
['1', '2', '3']
```

```
pd.Categorical([2, 3, 4])

# Attention, pas de conversion directe en numérique sur une catégorie
```

```
[2, 3, 4]
Categories (3, int64): [2, 3, 4]
```

```
pd.to_numeric(pd.Categorical([4, 3, 2]).astype(str))
```

```
array([4, 3, 2], dtype=int64)
```

```
# Conversion en date
pd.to_datetime("01-01-2022", format="%d-%m-%Y")
```

```
Timestamp('2022-01-01 00:00:00')
```

```
pd.to_datetime("0101-22", format="%d%m-%y")
```

```
Timestamp('2022-01-01 00:00:00')
```

Changer le type de données :

Pandas

```
data1
```

```
    ID de la réponse  ...                    Quel autre spécialiste consulté
0                 45  ...  chirurgien maxilo-facial, dentiste, stomatolog...
1                 46  ...                                                NaN
2                 47  ...                                                NaN
3                 48  ...                                                NaN
4                 49  ...                                                NaN
5                 50  ...                                          algologue
6                 51  ...  dermatologue, psychiatre, cardiologue\nRq: cla...
7                 52  ...                                                NaN
8                 53  ...                                                NaN
9                 54  ...                    dermato x 2, médecin militaire
```

```
10                55  ...                                                algologue
11                56  ...                                                      NaN
12                57  ...                                                      NaN
13                58  ...                                                      NaN
14                59  ...                                                      NaN
15                60  ...                                      gastro-entérologue
16                61  ...                                                      NaN
17                62  ...                                                      NaN
18                63  ...                                                      NaN
19                64  ...                                                      NaN
20                65  ...  ophtalmologue (x 3) + médecin du sommeil + car...
21                66  ...                                              angiologue
22                67  ...                                 urologue, gynécologue
23                68  ...                                               pneumo
24                69  ...                                  médecin du sommeil
25                70  ...                                                      NaN
26                71  ...                                                      NaN
27                72  ...                                                      NaN
28                73  ...                                                      NaN
29                74  ...                                                ORL x 2
30                75  ...                                                      NaN
31                76  ...                                                      NaN
32                77  ...                                                      NaN
33                78  ...                                                      NaN
34                79  ...                                                      NaN
35                80  ...                                                      NaN

[36 rows x 44 columns]
```

```
data1["Medecin adresseur"] = data1["Medecin adresseur"].astype('category')
```

Changer le type de données avec assign

```
data1 = data1.assign(
    Sexe_du_medcin_traitant=data1["Sexe du medcin traitant"].astype('category'),
    Medecin_adresseur=data1["Medecin adresseur"].astype('category')
)
```

Modification des variables

Base Python

```
data1.loc[data1["Sexe_du_medcin_traitant"] == 45, "Sexe_du_medcin_traitant"] = None
data1["Sexe_du_medcin_traitant"] = data1["Sexe_du_medcin_traitant"].cat.remove_unused_categor
```

Modification des variables avec assign

```
data1["Sexe_du_medcin_traitant"] = data1["Sexe_du_medcin_traitant"].astype(str)
data1 = data1.assign(
    Sexe_du_medcin_traitant=data1["Sexe_du_medcin_traitant"].replace({
        45: None,
        "f": "Féminin",
        "m": "Masculin"
    }).astype('category')
)
```

Remplacement des données manquantes

Base Python

```
#data.loc[data[indice].isna(), indice] = 0
```

Utiliser assign pour remplacer les données manquantes

```
data2 = data2.assign(Age=data2["Age"].fillna(0))
```

Transformation long/wide

- format d'utilisation des données : une ligne par sujet
- Certaine étude : plusieurs ligne par sujet

---

id_patient	glucose_t0	glucose_t1	glucose_t2
1	0.79	0.81	0.89
2	1.24	1	0.87
3	0.72	0.87	1.02
4	0.99	0.82	1.3
5	0.86	1.08	0.68

Table 1: Table : wide

id_patient	temps	glucose
1	glucose_t0	0.79
1	glucose_t1	0.81
1	glucose_t2	0.89
2	glucose_t0	1.24
2	glucose_t1	1
2	glucose_t2	0.87
3	glucose_t0	0.72
3	glucose_t1	0.87
3	glucose_t2	1.02
4	glucose_t0	0.99
4	glucose_t1	0.82
4	glucose_t2	1.3
5	glucose_t0	0.86
5	glucose_t1	1.08
5	glucose_t2	0.68

Table 2: Table : long

```
pivot_longer(BDD,cols = -id_patient,values_to = "glucose", names_to="temps")
```

---

id_patient	temps	glucose
1	glucose_t0	0.79
1	glucose_t1	0.81
1	glucose_t2	0.89
2	glucose_t0	1.24
2	glucose_t1	1

id_patient	temps	glucose
2	glucose_t2	0.87
3	glucose_t0	0.72
3	glucose_t1	0.87
3	glucose_t2	1.02
4	glucose_t0	0.99
4	glucose_t1	0.82
4	glucose_t2	1.3
5	glucose_t0	0.86
5	glucose_t1	1.08
5	glucose_t2	0.68

Table 3: Table : long

id_patient	glucose_t0	glucose_t1	glucose_t2
1	0.79	0.81	0.89
2	1.24	1	0.87
3	0.72	0.87	1.02
4	0.99	0.82	1.3
5	0.86	1.08	0.68

Table 4: Table : wide

```
pivot_longer(BDD,cols = -id_patient,values_to = "glucose", names_to="temps")
```

Écrire la base de données finales

```
write.csv2(basefinal,"C:/Users/enseignant/Desktop/basefinal.csv")
```

Création d'information

extraction de termes

- Pour les données textuelles, pas d'utilisation tel quel possible

```r
library(stringr)
data1$fibromyalgie <-str_detect(data1$var1,"fibromyalgie")
```

Exercice

Utiliser les bases de données “pbcseq” et “pbc” Transformer la table pbcseq au format long et réaliser une jointure entre les tables.

```r
library(survival)
library(dplyr)
library(tidyr)
```

```
Warning: le package 'tidyr' a été compilé avec la version R 4.1.3
```

```r
pbcseq %>% head
```

```
  id futime status trt      age sex day ascites hepato spiders edema bili chol
1  1    400      2   1 58.76523   f   0       1      1       1     1 14.5  261
2  1    400      2   1 58.76523   f 192       1      1       1     1 21.3   NA
3  2   5169      0   1 56.44627   f   0       0      1       1     0  1.1  302
4  2   5169      0   1 56.44627   f 182       0      1       1     0  0.8   NA
5  2   5169      0   1 56.44627   f 365       0      1       1     0  1.0   NA
6  2   5169      0   1 56.44627   f 768       0      1       1     0  1.9   NA
  albumin alk.phos   ast platelet protime stage
1    2.60     1718 138.0      190    12.2     4
2    2.94     1612   6.2      183    11.2     4
3    4.14     7395 113.5      221    10.6     3
4    3.60     2107 139.5      188    11.0     3
5    3.55     1711 144.2      161    11.6     3
6    3.92     1365 144.2      122    10.6     3
```

```r
pbc %>% head
```

```
  id time status trt      age sex ascites hepato spiders edema bili chol
1  1  400      2   1 58.76523   f       1      1       1   1.0 14.5  261
2  2 4500      0   1 56.44627   f       0      1       1   0.0  1.1  302
3  3 1012      2   1 70.07255   m       0      0       0   0.5  1.4  176
4  4 1925      2   1 54.74059   f       0      1       1   0.5  1.8  244
5  5 1504      1   2 38.10541   f       0      1       1   0.0  3.4  279
```

```
6  6 2503      2   2 66.25873   f       0      1       0   0.0  0.8  248
  albumin copper alk.phos    ast trig platelet protime stage
1    2.60    156   1718.0 137.95  172      190    12.2     4
2    4.14     54   7394.8 113.52   88      221    10.6     3
3    3.48    210    516.0  96.10   55      151    12.0     4
4    2.54     64   6121.8  60.63   92      183    10.3     4
5    3.53    143    671.0 113.15   72      136    10.9     3
6    3.98     50    944.0  93.00   63       NA    11.0     3
```

Réponse

Mettre les données de pbc dans pbcseq

```
pbcseq%>%left_join(pbc, by = ("id"="id"))
```

```
      id futime status.x trt.x    age.x sex.x  day ascites.x hepato.x spiders.x
1      1    400        2     1 58.76523     f    0         1        1         1
2      1    400        2     1 58.76523     f  192         1        1         1
3      2   5169        0     1 56.44627     f    0         0        1         1
4      2   5169        0     1 56.44627     f  182         0        1         1
5      2   5169        0     1 56.44627     f  365         0        1         1
6      2   5169        0     1 56.44627     f  768         0        1         1
7      2   5169        0     1 56.44627     f 1790         1        1         1
8      2   5169        0     1 56.44627     f 2151         1        1         1
9      2   5169        0     1 56.44627     f 2515         1        1         1
10     2   5169        0     1 56.44627     f 2882         1        1         1
11     2   5169        0     1 56.44627     f 3226         1        1         1
12     3   1012        2     1 70.07255     m    0         0        0         0
13     3   1012        2     1 70.07255     m  176         0        1         1
14     3   1012        2     1 70.07255     m  364         0        0         0
15     3   1012        2     1 70.07255     m  743         0        0         1
16     4   1925        2     1 54.74059     f    0         0        1         1
17     4   1925        2     1 54.74059     f  188         0        1         1
18     4   1925        2     1 54.74059     f  372         0        1         1
19     4   1925        2     1 54.74059     f  729         0        1         1
20     4   1925        2     1 54.74059     f 1254         0        0         1
21     4   1925        2     1 54.74059     f 1462         0        1         1
22     4   1925        2     1 54.74059     f 1824         1        1         1
23     5   1505        1     0 38.10541     f    0         0        1         1
24     5   1505        1     0 38.10541     f  199         0        1         0
```

25	5	1505	1	0	38.10541	f	391	0	1	0
26	5	1505	1	0	38.10541	f	769	0	1	1
27	5	1505	1	0	38.10541	f	1098	0	1	1
28	5	1505	1	0	38.10541	f	1455	0	1	1
29	6	2503	2	0	66.25873	f	0	0	1	0
30	6	2503	2	0	66.25873	f	378	0	0	0
31	6	2503	2	0	66.25873	f	737	0	0	0
32	6	2503	2	0	66.25873	f	1115	0	0	0
33	6	2503	2	0	66.25873	f	1492	0	0	0
34	6	2503	2	0	66.25873	f	2453	NA	NA	NA
35	7	2501	0	0	55.53457	f	0	0	1	0
36	7	2501	0	0	55.53457	f	392	0	1	0
37	7	2501	0	0	55.53457	f	545	0	1	0
38	7	2501	0	0	55.53457	f	760	0	0	0
39	7	2501	0	0	55.53457	f	1126	0	1	0
40	7	2501	0	0	55.53457	f	1489	0	0	0
41	7	2501	0	0	55.53457	f	2262	0	0	0
42	8	2466	2	0	53.05681	f	0	0	0	0
43	8	2466	2	0	53.05681	f	186	0	0	0
44	8	2466	2	0	53.05681	f	389	0	0	0
45	8	2466	2	0	53.05681	f	795	0	0	0
46	8	2466	2	0	53.05681	f	1194	0	1	0
47	8	2466	2	0	53.05681	f	1559	0	1	0
48	8	2466	2	0	53.05681	f	1945	0	1	0
49	8	2466	2	0	53.05681	f	2218	1	1	0
50	9	2400	2	1	42.50787	f	0	0	0	1
51	9	2400	2	1	42.50787	f	184	0	1	0
52	9	2400	2	1	42.50787	f	361	0	1	0
53	9	2400	2	1	42.50787	f	723	0	1	0
54	9	2400	2	1	42.50787	f	1027	0	1	0
55	9	2400	2	1	42.50787	f	1396	0	1	0
56	9	2400	2	1	42.50787	f	2278	1	1	0
57	10	51	2	0	70.55989	f	0	1	0	1
58	11	3762	2	0	53.71389	f	0	0	1	1
59	11	3762	2	0	53.71389	f	182	0	0	0
60	11	3762	2	0	53.71389	f	382	0	0	0
61	11	3762	2	0	53.71389	f	746	0	0	0
62	11	3762	2	0	53.71389	f	1112	0	0	0
63	11	3762	2	0	53.71389	f	1481	0	0	0
64	11	3762	2	0	53.71389	f	1824	0	1	0
65	11	3762	2	0	53.71389	f	2202	0	1	1
66	11	3762	2	0	53.71389	f	2611	0	0	1
67	11	3762	2	0	53.71389	f	2993	0	0	1

68	11	3762	2	0	53.71389	f	3282	1	1	1
69	11	3762	2	0	53.71389	f	3694	1	1	1
70	12	304	2	0	59.13758	f	0	0	0	1
71	12	304	2	0	59.13758	f	180	1	0	1
72	13	4247	0	0	45.68925	f	0	0	0	0
73	13	4247	0	0	45.68925	f	185	0	0	0
74	13	4247	0	0	45.68925	f	386	0	0	1
75	13	4247	0	0	45.68925	f	807	0	0	1
76	13	4247	0	0	45.68925	f	1157	0	0	1
77	13	4247	0	0	45.68925	f	1569	0	0	1
78	13	4247	0	0	45.68925	f	1939	0	0	1
79	13	4247	0	0	45.68925	f	2303	0	0	1
80	13	4247	0	0	45.68925	f	2803	0	0	1
81	13	4247	0	0	45.68925	f	3402	0	0	0
82	13	4247	0	0	45.68925	f	3766	0	0	0
83	13	4247	0	0	45.68925	f	4243	0	0	0
84	14	1217	2	0	56.22177	m	0	1	1	0
85	14	1217	2	0	56.22177	m	202	0	1	1
86	14	1217	2	0	56.22177	m	366	1	1	1
87	14	1217	2	0	56.22177	m	553	1	1	0
88	14	1217	2	0	56.22177	m	713	1	1	0
89	14	1217	2	0	56.22177	m	1036	0	1	0
90	14	1217	2	0	56.22177	m	1204	NA	NA	NA
91	15	3584	2	1	64.64613	f	0	0	0	0
92	15	3584	2	1	64.64613	f	196	0	1	1
93	15	3584	2	1	64.64613	f	366	0	1	0
94	15	3584	2	1	64.64613	f	735	0	1	0
95	15	3584	2	1	64.64613	f	1128	0	1	0
96	15	3584	2	1	64.64613	f	1491	0	1	0
97	15	3584	2	1	64.64613	f	1946	0	1	1
98	15	3584	2	1	64.64613	f	2143	0	1	1
99	15	3584	2	1	64.64613	f	2499	0	1	1
100	15	3584	2	1	64.64613	f	2891	1	1	1
101	15	3584	2	1	64.64613	f	3537	NA	NA	NA
102	16	4345	0	0	40.44353	f	0	0	0	0
103	16	4345	0	0	40.44353	f	189	0	0	0
104	16	4345	0	0	40.44353	f	379	0	1	0
105	16	4345	0	0	40.44353	f	763	0	1	0
106	16	4345	0	0	40.44353	f	1192	0	0	0
107	16	4345	0	0	40.44353	f	1575	0	1	0
108	16	4345	0	0	40.44353	f	1905	0	0	0
109	16	4345	0	0	40.44353	f	2304	0	0	0
110	16	4345	0	0	40.44353	f	2670	0	0	0

111	16	4345	0	0	40.44353	f	3046	0	0	0
112	16	4345	0	0	40.44353	f	3381	0	0	0
113	16	4345	0	0	40.44353	f	3718	0	0	0
114	16	4345	0	0	40.44353	f	4054	0	0	0
115	17	769	2	0	52.18344	f	0	0	1	0
116	17	769	2	0	52.18344	f	364	0	1	1
117	17	769	2	0	52.18344	f	673	1	1	1
118	18	132	2	1	53.93018	f	0	0	1	1
119	19	4901	0	1	49.56057	f	0	0	1	0
120	19	4901	0	1	49.56057	f	194	0	0	1
121	19	4901	0	1	49.56057	f	404	0	0	0
122	19	4901	0	1	49.56057	f	717	0	0	0
123	19	4901	0	1	49.56057	f	1081	0	0	1
124	19	4901	0	1	49.56057	f	1467	0	0	1
125	19	4901	0	1	49.56057	f	1830	0	1	1
126	19	4901	0	1	49.56057	f	2194	0	1	0
127	19	4901	0	1	49.56057	f	2559	0	1	0
128	19	4901	0	1	49.56057	f	2922	0	1	0
129	19	4901	0	1	49.56057	f	3286	0	1	0
130	19	4901	0	1	49.56057	f	3631	0	1	0
131	19	4901	0	1	49.56057	f	3996	0	1	0
132	19	4901	0	1	49.56057	f	4336	0	1	0
133	19	4901	0	1	49.56057	f	4696	0	1	0
134	20	1356	2	0	59.95346	f	0	0	1	0
135	20	1356	2	0	59.95346	f	181	0	1	0
136	20	1356	2	0	59.95346	f	334	0	1	0
137	20	1356	2	0	59.95346	f	1344	NA	NA	NA
138	21	3657	2	0	64.18891	m	0	0	1	1
139	21	3657	2	0	64.18891	m	175	0	1	0
140	21	3657	2	0	64.18891	m	371	0	1	1
141	21	3657	2	0	64.18891	m	709	0	1	1
142	21	3657	2	0	64.18891	m	1092	0	1	1
143	21	3657	2	0	64.18891	m	1456	0	1	1
144	21	3657	2	0	64.18891	m	1806	0	1	1
145	21	3657	2	0	64.18891	m	2177	0	0	1
146	21	3657	2	0	64.18891	m	2557	0	1	1
147	21	3657	2	0	64.18891	m	2928	0	1	1
148	21	3657	2	0	64.18891	m	3290	0	1	1
149	21	3657	2	0	64.18891	m	3513	NA	NA	NA
150	22	673	2	1	56.27652	f	0	0	0	1
151	22	673	2	1	56.27652	f	186	1	0	1
152	22	673	2	1	56.27652	f	360	0	0	1
153	23	264	2	0	55.96715	f	0	1	1	1

154	23	264	2	0	55.96715	f	182	1	1	1
155	24	4079	2	1	44.52019	m	0	0	1	0
156	24	4079	2	1	44.52019	m	225	0	0	0
157	24	4079	2	1	44.52019	m	407	0	0	0
158	24	4079	2	1	44.52019	m	750	0	0	0
159	24	4079	2	1	44.52019	m	1122	0	0	0
160	24	4079	2	1	44.52019	m	1479	0	1	0
161	24	4079	2	1	44.52019	m	1849	0	1	0
162	24	4079	2	1	44.52019	m	2193	0	1	0
163	24	4079	2	1	44.52019	m	2564	0	1	0
164	24	4079	2	1	44.52019	m	2913	0	0	0
165	24	4079	2	1	44.52019	m	3284	0	1	0
166	24	4079	2	1	44.52019	m	3663	0	0	0
167	24	4079	2	1	44.52019	m	4034	1	1	0
168	25	4796	0	0	45.07324	f	0	0	0	0
169	25	4796	0	0	45.07324	f	199	0	0	0
170	25	4796	0	0	45.07324	f	388	0	0	0
171	25	4796	0	0	45.07324	f	775	0	0	0
172	25	4796	0	0	45.07324	f	1118	0	0	0
173	25	4796	0	0	45.07324	f	1509	0	0	0
174	25	4796	0	0	45.07324	f	1862	0	1	0
175	25	4796	0	0	45.07324	f	2217	0	0	1
176	25	4796	0	0	45.07324	f	2559	0	0	1
177	25	4796	0	0	45.07324	f	2965	0	0	1
178	25	4796	0	0	45.07324	f	3272	0	0	0
179	25	4796	0	0	45.07324	f	3637	0	0	1
180	26	1444	2	0	52.02464	f	0	0	1	1
181	26	1444	2	0	52.02464	f	199	0	1	1
182	26	1444	2	0	52.02464	f	378	0	1	0
183	26	1444	2	0	52.02464	f	741	1	1	1
184	26	1444	2	0	52.02464	f	1090	1	1	1
185	26	1444	2	0	52.02464	f	1434	NA	NA	NA
186	27	77	2	0	54.43943	f	0	1	1	1
187	28	549	2	0	44.94730	f	0	1	1	1
188	28	549	2	0	44.94730	f	179	1	1	1
189	28	549	2	0	44.94730	f	375	1	1	1
190	29	5074	2	0	63.87680	f	0	0	0	0
191	29	5074	2	0	63.87680	f	177	0	0	0
192	29	5074	2	0	63.87680	f	366	0	0	0
193	29	5074	2	0	63.87680	f	862	0	0	0
194	29	5074	2	0	63.87680	f	1309	0	0	0
195	29	5074	2	0	63.87680	f	1673	0	1	0
196	29	5074	2	0	63.87680	f	2047	0	0	0

197	29	5074	2	0	63.87680	f	2402	0	1	0
198	29	5074	2	0	63.87680	f	3397	1	1	1
199	29	5074	2	0	63.87680	f	4333	1	1	1
200	30	321	2	0	41.38535	f	0	0	1	1
201	30	321	2	0	41.38535	f	179	0	1	1
202	30	321	2	0	41.38535	f	299	1	1	1
203	31	3839	2	0	41.55236	f	0	0	1	0
204	31	3839	2	0	41.55236	f	183	0	0	0
205	31	3839	2	0	41.55236	f	364	0	0	1
206	31	3839	2	0	41.55236	f	734	0	0	0
207	31	3839	2	0	41.55236	f	1091	0	0	0
208	31	3839	2	0	41.55236	f	1470	0	0	0
209	31	3839	2	0	41.55236	f	1792	0	0	0
210	31	3839	2	0	41.55236	f	2173	0	0	0
211	31	3839	2	0	41.55236	f	2540	0	1	0
212	31	3839	2	0	41.55236	f	2929	0	0	1
213	31	3839	2	0	41.55236	f	3298	0	0	1
214	31	3839	2	0	41.55236	f	3590	0	0	1
215	32	5192	0	0	53.99589	f	0	0	1	0
216	32	5192	0	0	53.99589	f	182	0	0	0
217	32	5192	0	0	53.99589	f	364	0	0	0
218	32	5192	0	0	53.99589	f	728	0	0	0
219	32	5192	0	0	53.99589	f	1099	0	0	0
220	32	5192	0	0	53.99589	f	1463	0	0	0
221	32	5192	0	0	53.99589	f	1822	0	1	0
222	32	5192	0	0	53.99589	f	2191	0	1	0
223	32	5192	0	0	53.99589	f	2548	0	1	0
224	32	5192	0	0	53.99589	f	2961	0	1	0
225	32	5192	0	0	53.99589	f	3291	0	0	0
226	32	5192	0	0	53.99589	f	3669	0	NA	0
227	32	5192	0	0	53.99589	f	4012	0	1	0
228	32	5192	0	0	53.99589	f	4418	0	0	0
229	32	5192	0	0	53.99589	f	4775	0	0	0
230	32	5192	0	0	53.99589	f	5152	0	0	0
231	33	3170	2	0	51.28268	f	0	0	0	0
232	33	3170	2	0	51.28268	f	181	0	0	0
233	33	3170	2	0	51.28268	f	364	0	0	0
234	33	3170	2	0	51.28268	f	736	0	0	0
235	33	3170	2	0	51.28268	f	1290	0	0	0
236	33	3170	2	0	51.28268	f	1629	0	0	0
237	33	3170	2	0	51.28268	f	2003	0	1	0
238	33	3170	2	0	51.28268	f	2344	0	0	0
239	33	3170	2	0	51.28268	f	2714	0	0	0

240	33	3170	2	0	51.28268	f	3004	0	0	0
241	34	4602	0	1	52.06023	f	0	0	0	0
242	34	4602	0	1	52.06023	f	215	0	0	0
243	34	4602	0	1	52.06023	f	356	0	0	0
244	34	4602	0	1	52.06023	f	721	0	0	0
245	34	4602	0	1	52.06023	f	1098	0	0	0
246	34	4602	0	1	52.06023	f	1441	0	0	0
247	34	4602	0	1	52.06023	f	1819	0	0	0
248	34	4602	0	1	52.06023	f	2205	0	0	0
249	34	4602	0	1	52.06023	f	2588	0	1	0
250	34	4602	0	1	52.06023	f	2945	0	1	0
251	34	4602	0	1	52.06023	f	3318	0	1	0
252	34	4602	0	1	52.06023	f	3687	0	1	0
253	34	4602	0	1	52.06023	f	4059	0	1	0
254	34	4602	0	1	52.06023	f	4457	0	1	0
255	35	2847	2	0	48.61875	f	0	0	0	0
256	35	2847	2	0	48.61875	f	194	0	1	1
257	35	2847	2	0	48.61875	f	376	0	1	0
258	35	2847	2	0	48.61875	f	743	0	1	0
259	36	4281	0	0	56.41068	f	0	0	0	0
260	36	4281	0	0	56.41068	f	188	0	0	0
261	36	4281	0	0	56.41068	f	610	0	0	0
262	36	4281	0	0	56.41068	f	980	0	0	0
263	36	4281	0	0	56.41068	f	1336	0	0	1
264	36	4281	0	0	56.41068	f	1714	0	0	1
265	36	4281	0	0	56.41068	f	2029	0	1	0
266	36	4281	0	0	56.41068	f	2414	0	1	1
267	36	4281	0	0	56.41068	f	2785	0	1	1
268	36	4281	0	0	56.41068	f	3137	1	1	1
269	36	4281	0	0	56.41068	f	3956	0	1	1
270	37	223	2	1	61.72758	f	0	1	1	0
271	37	223	2	1	61.72758	f	144	1	1	1
272	38	3244	2	0	36.62697	f	0	0	1	1
273	38	3244	2	0	36.62697	f	431	0	1	1
274	38	3244	2	0	36.62697	f	654	0	1	1
275	38	3244	2	0	36.62697	f	1054	0	1	1
276	38	3244	2	0	36.62697	f	1390	0	1	0
277	38	3244	2	0	36.62697	f	1767	0	1	0
278	38	3244	2	0	36.62697	f	2271	0	1	0
279	38	3244	2	0	36.62697	f	2664	0	1	0
280	38	3244	2	0	36.62697	f	2932	0	1	0
281	38	3244	2	0	36.62697	f	3209	NA	NA	NA
282	39	2297	2	1	55.39220	f	0	0	1	0

283	39	2297	2	1	55.39220	f	187	0	1	0
284	39	2297	2	1	55.39220	f	341	1	1	0
285	39	2297	2	1	55.39220	f	733	1	1	1
286	39	2297	2	1	55.39220	f	1132	0	0	0
287	39	2297	2	1	55.39220	f	1482	0	1	1
288	39	2297	2	1	55.39220	f	1883	0	1	1
289	39	2297	2	1	55.39220	f	2247	0	1	0
290	40	5136	0	1	46.66940	f	0	0	0	0
291	40	5136	0	1	46.66940	f	182	0	0	0
292	40	5136	0	1	46.66940	f	334	0	1	0
293	40	5136	0	1	46.66940	f	821	0	0	0
294	40	5136	0	1	46.66940	f	1191	0	0	1
295	40	5136	0	1	46.66940	f	1549	0	0	1
296	40	5136	0	1	46.66940	f	1932	0	0	1
297	40	5136	0	1	46.66940	f	2276	0	1	1
298	40	5136	0	1	46.66940	f	2619	0	0	1
299	40	5136	0	1	46.66940	f	2993	0	0	1
300	40	5136	0	1	46.66940	f	3342	1	1	1
301	40	5136	0	1	46.66940	f	3720	0	1	1
302	40	5136	0	1	46.66940	f	4075	0	1	1
303	40	5136	0	1	46.66940	f	4438	0	0	1
304	40	5136	0	1	46.66940	f	4845	0	1	1
305	41	1350	2	1	33.63450	f	0	0	1	0
306	41	1350	2	1	33.63450	f	299	1	1	0
307	41	1350	2	1	33.63450	f	796	0	1	0
308	41	1350	2	1	33.63450	f	1151	0	1	1
309	42	5122	0	0	33.69473	f	0	0	1	1
310	42	5122	0	0	33.69473	f	357	0	0	1
311	42	5122	0	0	33.69473	f	535	0	1	1
312	42	5122	0	0	33.69473	f	714	0	1	1
313	42	5122	0	0	33.69473	f	1093	0	1	1
314	42	5122	0	0	33.69473	f	1459	1	1	1
315	42	5122	0	0	33.69473	f	1836	0	0	1
316	42	5122	0	0	33.69473	f	2169	0	0	1
317	42	5122	0	0	33.69473	f	2541	0	1	1
318	42	5122	0	0	33.69473	f	2885	1	1	1
319	42	5122	0	0	33.69473	f	3318	0	1	1
320	42	5122	0	0	33.69473	f	3647	0	1	1
321	42	5122	0	0	33.69473	f	4011	1	1	1
322	42	5122	0	0	33.69473	f	4389	0	1	1
323	42	5122	0	0	33.69473	f	4865	1	1	1
324	42	5122	0	0	33.69473	f	5118	0	1	1
325	43	5225	0	1	48.87064	f	0	0	0	0

326	43	5225	0	1	48.87064	f	187	0	0	0
327	43	5225	0	1	48.87064	f	530	0	0	0
328	43	5225	0	1	48.87064	f	916	0	0	0
329	43	5225	0	1	48.87064	f	1280	0	1	0
330	43	5225	0	1	48.87064	f	1645	0	1	0
331	43	5225	0	1	48.87064	f	1980	0	0	0
332	43	5225	0	1	48.87064	f	2358	0	1	0
333	43	5225	0	1	48.87064	f	2735	0	0	0
334	43	5225	0	1	48.87064	f	3113	0	0	0
335	43	5225	0	1	48.87064	f	3477	0	0	0
336	43	5225	0	1	48.87064	f	3841	0	0	0
337	43	5225	0	1	48.87064	f	4123	0	0	0
338	43	5225	0	1	48.87064	f	4458	0	0	0
339	43	5225	0	1	48.87064	f	4877	1	1	0
340	44	3428	2	0	37.58248	f	0	0	1	1
341	44	3428	2	0	37.58248	f	192	0	0	0
342	44	3428	2	0	37.58248	f	360	0	0	0
343	44	3428	2	0	37.58248	f	733	0	0	0
344	44	3428	2	0	37.58248	f	1229	0	1	0
345	44	3428	2	0	37.58248	f	1600	0	1	0
346	44	3428	2	0	37.58248	f	1944	0	1	1
347	44	3428	2	0	37.58248	f	2320	0	1	1
348	44	3428	2	0	37.58248	f	2671	0	1	1
349	44	3428	2	0	37.58248	f	3050	0	1	1
350	44	3428	2	0	37.58248	f	3414	NA	NA	NA
351	45	4694	0	0	41.79329	f	0	0	0	0
352	45	4694	0	0	41.79329	f	225	0	0	0
353	45	4694	0	0	41.79329	f	365	0	0	1
354	45	4694	0	0	41.79329	f	729	0	0	1
355	45	4694	0	0	41.79329	f	1219	0	0	0
356	45	4694	0	0	41.79329	f	1589	0	1	1
357	45	4694	0	0	41.79329	f	2079	0	1	1
358	45	4694	0	0	41.79329	f	2682	0	0	1
359	45	4694	0	0	41.79329	f	3219	0	0	1
360	46	2256	2	1	45.79877	f	0	0	1	0
361	46	2256	2	1	45.79877	f	186	0	1	0
362	46	2256	2	1	45.79877	f	347	0	1	1
363	46	2256	2	1	45.79877	f	725	0	1	0
364	46	2256	2	1	45.79877	f	1078	0	1	0
365	46	2256	2	1	45.79877	f	1434	0	1	0
366	46	2256	2	1	45.79877	f	1818	0	1	0
367	46	2256	2	1	45.79877	f	2174	0	1	1
368	47	3245	0	0	47.42779	f	0	0	0	0

369	47	3245	0	0	47.42779	f	175	0	0	0
370	47	3245	0	0	47.42779	f	373	0	0	0
371	47	3245	0	0	47.42779	f	793	0	1	0
372	47	3245	0	0	47.42779	f	1175	0	0	0
373	47	3245	0	0	47.42779	f	1521	0	0	0
374	47	3245	0	0	47.42779	f	2311	0	1	0
375	48	5096	0	0	49.13621	m	0	0	0	0
376	48	5096	0	0	49.13621	m	191	0	0	0
377	48	5096	0	0	49.13621	m	381	0	1	1
378	48	5096	0	0	49.13621	m	718	0	0	1
379	48	5096	0	0	49.13621	m	1080	0	0	1
380	48	5096	0	0	49.13621	m	1453	0	0	1
381	48	5096	0	0	49.13621	m	1822	0	1	1
382	48	5096	0	0	49.13621	m	2173	0	1	1
383	48	5096	0	0	49.13621	m	2517	0	0	0
384	49	708	2	0	61.15264	f	0	0	1	0
385	49	708	2	0	61.15264	f	179	0	1	0
386	49	708	2	0	61.15264	f	354	0	1	1
387	49	708	2	0	61.15264	f	525	NA	NA	NA
388	50	2598	2	1	53.50856	f	0	0	1	0
389	50	2598	2	1	53.50856	f	219	0	1	0
390	50	2598	2	1	53.50856	f	393	0	1	0
391	50	2598	2	1	53.50856	f	763	0	1	0
392	50	2598	2	1	53.50856	f	1119	1	1	1
393	50	2598	2	1	53.50856	f	1466	1	1	1
394	50	2598	2	1	53.50856	f	1844	0	1	1
395	50	2598	2	1	53.50856	f	2194	0	1	1
396	50	2598	2	1	53.50856	f	2561	1	0	1
397	51	3853	2	0	52.08761	f	0	0	0	0
398	51	3853	2	0	52.08761	f	182	0	0	0
399	51	3853	2	0	52.08761	f	358	0	0	0
400	51	3853	2	0	52.08761	f	728	0	0	0
401	51	3853	2	0	52.08761	f	1085	1	0	1
402	51	3853	2	0	52.08761	f	1653	1	0	1
403	51	3853	2	0	52.08761	f	2003	0	0	1
404	51	3853	2	0	52.08761	f	2516	0	1	1
405	51	3853	2	0	52.08761	f	2871	0	1	1
406	51	3853	2	0	52.08761	f	3529	0	1	1
407	52	2386	2	1	50.54073	m	0	0	0	0
408	52	2386	2	1	50.54073	m	161	0	0	1
409	52	2386	2	1	50.54073	m	344	0	0	0
410	52	2386	2	1	50.54073	m	679	0	0	0
411	52	2386	2	1	50.54073	m	1038	0	0	0

412	52	2386	2	1	50.54073	m	1381	0	0	1
413	52	2386	2	1	50.54073	m	1729	0	0	1
414	52	2386	2	1	50.54073	m	2072	0	1	1
415	52	2386	2	1	50.54073	m	2380	1	1	1
416	53	1000	2	1	67.40862	f	0	0	1	0
417	53	1000	2	1	67.40862	f	180	0	1	1
418	53	1000	2	1	67.40862	f	905	NA	NA	NA
419	54	1434	2	1	39.19781	f	0	1	1	1
420	54	1434	2	1	39.19781	f	180	0	1	1
421	54	1434	2	1	39.19781	f	362	0	0	0
422	54	1434	2	1	39.19781	f	724	0	1	1
423	54	1434	2	1	39.19781	f	1125	0	1	1
424	55	1360	2	1	65.76318	m	0	0	0	0
425	55	1360	2	1	65.76318	m	168	0	1	0
426	55	1360	2	1	65.76318	m	354	0	1	0
427	55	1360	2	1	65.76318	m	774	0	1	1
428	55	1360	2	1	65.76318	m	1132	0	1	1
429	55	1360	2	1	65.76318	m	1316	NA	NA	NA
430	56	1847	2	0	33.61807	f	0	0	1	1
431	56	1847	2	0	33.61807	f	185	0	1	1
432	56	1847	2	0	33.61807	f	383	0	1	1
433	56	1847	2	0	33.61807	f	773	0	1	1
434	56	1847	2	0	33.61807	f	1372	0	1	1
435	56	1847	2	0	33.61807	f	1838	NA	NA	NA
436	57	3282	2	1	53.57153	f	0	0	1	0
437	57	3282	2	1	53.57153	f	186	0	1	1
438	57	3282	2	1	53.57153	f	369	0	1	1
439	57	3282	2	1	53.57153	f	711	0	1	1
440	57	3282	2	1	53.57153	f	1072	0	1	1
441	57	3282	2	1	53.57153	f	1462	0	1	1
442	57	3282	2	1	53.57153	f	1834	0	1	1
443	57	3282	2	1	53.57153	f	2196	0	0	1
444	57	3282	2	1	53.57153	f	2563	0	1	1
445	57	3282	2	1	53.57153	f	2948	1	0	1
446	57	3282	2	1	53.57153	f	3280	NA	NA	NA
447	58	5128	0	1	44.56947	m	0	0	0	0
448	58	5128	0	1	44.56947	m	184	0	0	0
449	58	5128	0	1	44.56947	m	365	0	0	0
450	58	5128	0	1	44.56947	m	741	0	0	0
451	58	5128	0	1	44.56947	m	1105	0	1	0
452	58	5128	0	1	44.56947	m	1448	0	0	0
453	58	5128	0	1	44.56947	m	1827	0	1	0
454	58	5128	0	1	44.56947	m	2190	0	1	0

455	58	5128	0	1	44.56947	m	2512	0	1	0
456	58	5128	0	1	44.56947	m	2897	0	1	0
457	58	5128	0	1	44.56947	m	3261	0	0	0
458	58	5128	0	1	44.56947	m	3649	0	0	0
459	58	5128	0	1	44.56947	m	4018	0	1	0
460	58	5128	0	1	44.56947	m	4347	0	1	0
461	58	5128	0	1	44.56947	m	4704	0	1	0
462	58	5128	0	1	44.56947	m	5076	0	0	0
463	59	2224	2	1	40.39425	f	0	0	1	1
464	59	2224	2	1	40.39425	f	184	0	1	1
465	59	2224	2	1	40.39425	f	362	0	1	1
466	59	2224	2	1	40.39425	f	984	1	1	1
467	59	2224	2	1	40.39425	f	1361	1	1	1
468	59	2224	2	1	40.39425	f	1775	0	1	1
469	59	2224	2	1	40.39425	f	2096	NA	NA	NA
470	60	5034	0	1	58.38193	f	0	0	0	0
471	60	5034	0	1	58.38193	f	214	0	0	0
472	60	5034	0	1	58.38193	f	418	0	0	0
473	60	5034	0	1	58.38193	f	843	0	0	0
474	60	5034	0	1	58.38193	f	1466	0	0	0
475	60	5034	0	1	58.38193	f	1832	0	0	0
476	60	5034	0	1	58.38193	f	2237	0	0	0
477	60	5034	0	1	58.38193	f	2691	0	0	0
478	60	5034	0	1	58.38193	f	2994	0	0	0
479	60	5034	0	1	58.38193	f	3357	0	0	0
480	60	5034	0	1	58.38193	f	3716	0	0	0
481	60	5034	0	1	58.38193	f	4036	0	0	0
482	60	5034	0	1	58.38193	f	4435	0	0	0
483	61	4925	0	0	43.89870	m	0	0	0	0
484	61	4925	0	0	43.89870	m	203	0	1	0
485	61	4925	0	0	43.89870	m	377	0	0	0
486	61	4925	0	0	43.89870	m	748	0	0	0
487	61	4925	0	0	43.89870	m	1112	0	0	0
488	61	4925	0	0	43.89870	m	1505	0	0	0
489	61	4925	0	0	43.89870	m	1798	0	0	0
490	61	4925	0	0	43.89870	m	2212	0	0	0
491	61	4925	0	0	43.89870	m	2603	0	0	0
492	61	4925	0	0	43.89870	m	2968	0	0	0
493	61	4925	0	0	43.89870	m	3352	0	0	0
494	61	4925	0	0	43.89870	m	3718	0	0	0
495	61	4925	0	0	43.89870	m	4115	0	0	0
496	61	4925	0	0	43.89870	m	4580	0	0	0
497	62	3090	2	0	60.70637	f	0	1	0	0

498	62	3090	2	0	60.70637	f	184	0	0	0
499	62	3090	2	0	60.70637	f	361	0	0	0
500	62	3090	2	0	60.70637	f	752	0	1	0
501	62	3090	2	0	60.70637	f	1180	0	1	0
502	62	3090	2	0	60.70637	f	1542	0	0	0
503	62	3090	2	0	60.70637	f	1906	0	1	0
504	62	3090	2	0	60.70637	f	2341	0	1	0
505	62	3090	2	0	60.70637	f	2596	0	1	0
506	62	3090	2	0	60.70637	f	3073	NA	NA	NA
507	63	859	2	0	46.62834	f	0	0	0	1
508	63	859	2	0	46.62834	f	189	0	1	0
509	63	859	2	0	46.62834	f	385	0	1	0
510	64	1487	2	0	62.90760	f	0	0	1	0
511	64	1487	2	0	62.90760	f	187	0	0	0
512	64	1487	2	0	62.90760	f	369	0	1	0
513	64	1487	2	0	62.90760	f	754	0	0	0
514	64	1487	2	0	62.90760	f	1125	1	1	1
515	64	1487	2	0	62.90760	f	1411	1	1	1
516	65	4842	0	1	40.20260	f	0	0	0	0
517	65	4842	0	1	40.20260	f	161	0	0	0
518	65	4842	0	1	40.20260	f	378	0	0	0
519	65	4842	0	1	40.20260	f	729	0	0	0
520	65	4842	0	1	40.20260	f	1087	0	0	0
521	65	4842	0	1	40.20260	f	1470	0	0	0
522	66	4191	2	1	46.45311	m	0	0	1	0
523	66	4191	2	1	46.45311	m	238	0	1	0
524	66	4191	2	1	46.45311	m	421	0	1	0
525	66	4191	2	1	46.45311	m	812	0	1	0
526	66	4191	2	1	46.45311	m	1190	0	1	0
527	66	4191	2	1	46.45311	m	1541	0	1	0
528	66	4191	2	1	46.45311	m	1926	0	0	0
529	66	4191	2	1	46.45311	m	2269	0	0	0
530	66	4191	2	1	46.45311	m	2639	0	0	0
531	66	4191	2	1	46.45311	m	2997	0	0	0
532	66	4191	2	1	46.45311	m	3285	0	0	0
533	66	4191	2	1	46.45311	m	3627	0	0	0
534	66	4191	2	1	46.45311	m	4181	NA	NA	NA
535	67	2769	2	0	51.28816	f	0	0	0	0
536	67	2769	2	0	51.28816	f	195	0	0	0
537	67	2769	2	0	51.28816	f	356	0	0	0
538	67	2769	2	0	51.28816	f	734	0	0	0
539	67	2769	2	0	51.28816	f	1077	0	0	0
540	67	2769	2	0	51.28816	f	1463	0	0	0

541	67	2769	2	0	51.28816	f	1813	0	0	0
542	67	2769	2	0	51.28816	f	2177	0	1	0
543	67	2769	2	0	51.28816	f	2542	0	0	1
544	67	2769	2	0	51.28816	f	2767	NA	NA	NA
545	68	4708	0	1	32.61328	f	0	0	0	0
546	68	4708	0	1	32.61328	f	195	0	0	0
547	68	4708	0	1	32.61328	f	503	0	0	0
548	68	4708	0	1	32.61328	f	819	0	0	0
549	68	4708	0	1	32.61328	f	1189	0	1	1
550	68	4708	0	1	32.61328	f	1554	0	1	0
551	68	4708	0	1	32.61328	f	1924	0	1	1
552	68	4708	0	1	32.61328	f	2290	0	1	1
553	68	4708	0	1	32.61328	f	2654	0	1	1
554	68	4708	0	1	32.61328	f	2926	0	1	0
555	68	4708	0	1	32.61328	f	3290	1	1	0
556	68	4708	0	1	32.61328	f	3663	1	1	0
557	68	4708	0	1	32.61328	f	4014	0	1	0
558	68	4708	0	1	32.61328	f	4417	0	1	0
559	69	1170	2	1	49.33881	f	0	0	1	1
560	69	1170	2	1	49.33881	f	374	1	1	1
561	69	1170	2	1	49.33881	f	716	1	1	1
562	69	1170	2	1	49.33881	f	1050	1	1	1
563	70	3683	2	1	56.39973	f	0	0	0	0
564	70	3683	2	1	56.39973	f	182	0	0	0
565	70	3683	2	1	56.39973	f	344	0	1	0
566	70	3683	2	1	56.39973	f	695	0	0	0
567	70	3683	2	1	56.39973	f	1064	0	0	0
568	70	3683	2	1	56.39973	f	1474	0	0	0
569	70	3683	2	1	56.39973	f	1821	0	1	0
570	70	3683	2	1	56.39973	f	2195	0	1	0
571	70	3683	2	1	56.39973	f	2535	0	1	0
572	70	3683	2	1	56.39973	f	2768	0	1	0
573	70	3683	2	1	56.39973	f	3203	0	1	0
574	70	3683	2	1	56.39973	f	3430	1	0	1
575	70	3683	2	1	56.39973	f	3682	NA	NA	NA
576	71	4865	0	0	48.84600	f	0	0	1	0
577	71	4865	0	0	48.84600	f	184	0	0	0
578	71	4865	0	0	48.84600	f	387	0	0	1
579	71	4865	0	0	48.84600	f	758	0	0	0
580	71	4865	0	0	48.84600	f	1108	0	1	0
581	71	4865	0	0	48.84600	f	1717	0	1	0
582	71	4865	0	0	48.84600	f	2119	0	1	0
583	71	4865	0	0	48.84600	f	2483	0	1	0

584	71	4865	0	0	48.84600	f	2875	0	1	0
585	71	4865	0	0	48.84600	f	4126	0	1	0
586	71	4865	0	0	48.84600	f	4832	0	1	0
587	72	4853	0	0	32.49281	f	0	0	0	0
588	72	4853	0	0	32.49281	f	179	0	0	0
589	72	4853	0	0	32.49281	f	370	0	0	0
590	72	4853	0	0	32.49281	f	739	0	0	0
591	72	4853	0	0	32.49281	f	1103	0	0	0
592	72	4853	0	0	32.49281	f	1475	0	0	0
593	73	4859	0	0	38.49418	f	0	0	0	0
594	73	4859	0	0	38.49418	f	187	0	0	0
595	73	4859	0	0	38.49418	f	360	0	0	0
596	73	4859	0	0	38.49418	f	726	0	0	0
597	73	4859	0	0	38.49418	f	1187	0	0	0
598	73	4859	0	0	38.49418	f	1559	0	0	0
599	73	4859	0	0	38.49418	f	1922	0	1	0
600	73	4859	0	0	38.49418	f	2258	0	0	0
601	73	4859	0	0	38.49418	f	2629	0	0	0
602	73	4859	0	0	38.49418	f	2985	0	0	0
603	73	4859	0	0	38.49418	f	3258	0	0	0
604	73	4859	0	0	38.49418	f	3616	0	0	0
605	73	4859	0	0	38.49418	f	3986	0	0	0
606	73	4859	0	0	38.49418	f	4351	0	0	0
607	73	4859	0	0	38.49418	f	4715	0	0	0
608	74	1827	2	1	51.92060	f	0	0	1	1
609	74	1827	2	1	51.92060	f	181	0	1	0
610	74	1827	2	1	51.92060	f	454	0	1	0
611	74	1827	2	1	51.92060	f	1819	NA	NA	NA
612	75	1191	2	1	43.51814	f	0	1	1	1
613	75	1191	2	1	43.51814	f	182	0	1	1
614	75	1191	2	1	43.51814	f	392	0	1	1
615	75	1191	2	1	43.51814	f	743	0	1	1
616	75	1191	2	1	43.51814	f	1078	0	1	1
617	76	71	2	1	51.94251	f	0	0	1	1
618	77	326	2	0	49.82615	f	0	0	1	1
619	77	326	2	0	49.82615	f	188	1	1	0
620	78	1690	2	1	47.94524	f	0	0	1	0
621	78	1690	2	1	47.94524	f	179	0	1	0
622	78	1690	2	1	47.94524	f	374	0	1	1
623	78	1690	2	1	47.94524	f	920	NA	NA	NA
624	79	4376	0	1	46.51608	f	0	0	1	0
625	79	4376	0	1	46.51608	f	514	0	0	0
626	79	4376	0	1	46.51608	f	942	0	0	0

627	79	4376	0	1	46.51608	f	1306	1	1	1
628	79	4376	0	1	46.51608	f	1669	0	0	1
629	79	4376	0	1	46.51608	f	2033	0	0	1
630	79	4376	0	1	46.51608	f	2397	0	1	1
631	79	4376	0	1	46.51608	f	2811	0	1	1
632	79	4376	0	1	46.51608	f	3239	0	1	1
633	79	4376	0	1	46.51608	f	3734	0	1	1
634	79	4376	0	1	46.51608	f	4091	0	1	1
635	80	890	2	0	67.41136	m	0	0	1	0
636	80	890	2	0	67.41136	m	194	0	1	0
637	80	890	2	0	67.41136	m	383	0	1	0
638	80	890	2	0	67.41136	m	736	0	1	0
639	81	2540	2	1	63.26352	f	0	0	1	1
640	81	2540	2	1	63.26352	f	220	0	0	1
641	81	2540	2	1	63.26352	f	376	0	0	1
642	81	2540	2	1	63.26352	f	733	0	1	1
643	81	2540	2	1	63.26352	f	1160	0	1	0
644	81	2540	2	1	63.26352	f	1530	1	1	0
645	81	2540	2	1	63.26352	f	1859	0	1	0
646	81	2540	2	1	63.26352	f	2103	1	1	0
647	81	2540	2	1	63.26352	f	2478	NA	NA	NA
648	81	2540	2	1	63.26352	f	2529	NA	NA	NA
649	82	3574	2	1	67.31006	f	0	0	0	0
650	82	3574	2	1	67.31006	f	166	0	0	0
651	82	3574	2	1	67.31006	f	364	0	0	0
652	82	3574	2	1	67.31006	f	713	0	0	0
653	82	3574	2	1	67.31006	f	1077	0	0	0
654	82	3574	2	1	67.31006	f	1440	0	0	0
655	82	3574	2	1	67.31006	f	1805	0	1	0
656	82	3574	2	1	67.31006	f	2217	0	1	0
657	82	3574	2	1	67.31006	f	2539	0	0	0
658	82	3574	2	1	67.31006	f	2921	0	0	0
659	83	4719	0	1	56.01369	f	0	0	1	0
660	83	4719	0	1	56.01369	f	108	0	1	0
661	83	4719	0	1	56.01369	f	353	0	1	0
662	83	4719	0	1	56.01369	f	745	0	1	0
663	83	4719	0	1	56.01369	f	1137	0	1	0
664	83	4719	0	1	56.01369	f	1510	0	0	0
665	83	4719	0	1	56.01369	f	1866	0	1	0
666	83	4719	0	1	56.01369	f	2236	0	0	0
667	83	4719	0	1	56.01369	f	2495	0	0	0
668	83	4719	0	1	56.01369	f	2936	0	0	0
669	83	4719	0	1	56.01369	f	3258	0	0	0

670	83	4719	0	1	56.01369	f	3616	0	0	0
671	83	4719	0	1	56.01369	f	3966	0	0	0
672	83	4719	0	1	56.01369	f	4336	0	0	0
673	83	4719	0	1	56.01369	f	4714	0	0	0
674	84	4701	0	0	55.83025	f	0	0	0	0
675	84	4701	0	0	55.83025	f	184	0	0	0
676	84	4701	0	0	55.83025	f	371	0	0	0
677	85	3358	2	0	47.21697	f	0	0	1	0
678	85	3358	2	0	47.21697	f	188	0	1	0
679	85	3358	2	0	47.21697	f	391	0	1	0
680	85	3358	2	0	47.21697	f	742	0	1	0
681	85	3358	2	0	47.21697	f	1099	0	1	1
682	85	3358	2	0	47.21697	f	1476	0	1	0
683	85	3358	2	0	47.21697	f	1851	1	1	1
684	85	3358	2	0	47.21697	f	2212	1	1	0
685	85	3358	2	0	47.21697	f	2544	1	1	0
686	85	3358	2	0	47.21697	f	2908	1	1	0
687	85	3358	2	0	47.21697	f	3228	1	1	0
688	86	1657	2	1	52.75838	f	0	0	1	1
689	87	198	2	1	37.27858	f	0	0	0	0
690	87	198	2	1	37.27858	f	182	0	1	0
691	88	3076	2	0	41.39357	f	0	0	0	0
692	88	3076	2	0	41.39357	f	188	0	0	0
693	88	3076	2	0	41.39357	f	372	0	0	0
694	88	3076	2	0	41.39357	f	804	0	0	1
695	89	1741	2	1	52.44353	f	0	0	1	0
696	89	1741	2	1	52.44353	f	180	0	1	0
697	89	1741	2	1	52.44353	f	1532	1	1	1
698	89	1741	2	1	52.44353	f	1671	NA	NA	NA
699	90	2689	2	1	33.47570	m	0	0	0	0
700	90	2689	2	1	33.47570	m	174	0	0	0
701	90	2689	2	1	33.47570	m	383	0	1	0
702	90	2689	2	1	33.47570	m	663	0	1	0
703	90	2689	2	1	33.47570	m	1106	0	1	1
704	90	2689	2	1	33.47570	m	1420	0	0	0
705	90	2689	2	1	33.47570	m	1847	0	1	1
706	90	2689	2	1	33.47570	m	2204	0	1	0
707	90	2689	2	1	33.47570	m	2587	1	1	1
708	91	460	2	0	45.60712	f	0	0	1	1
709	91	460	2	0	45.60712	f	185	0	1	1
710	91	460	2	0	45.60712	f	362	0	1	1
711	92	389	2	1	76.70910	f	0	1	0	0
712	93	4583	0	1	36.53388	f	0	0	0	0

713	93	4583	0	1	36.53388	f	182	0	0	1
714	93	4583	0	1	36.53388	f	330	0	0	1
715	93	4583	0	1	36.53388	f	695	0	1	0
716	93	4583	0	1	36.53388	f	1066	0	1	1
717	93	4583	0	1	36.53388	f	1437	0	1	1
718	93	4583	0	1	36.53388	f	1758	1	1	0
719	93	4583	0	1	36.53388	f	2135	1	1	0
720	93	4583	0	1	36.53388	f	2499	1	1	1
721	93	4583	0	1	36.53388	f	2787	1	1	0
722	93	4583	0	1	36.53388	f	3020	NA	1	0
723	93	4583	0	1	36.53388	f	3377	1	1	0
724	93	4583	0	1	36.53388	f	3703	1	1	0
725	93	4583	0	1	36.53388	f	4105	1	1	0
726	93	4583	0	1	36.53388	f	4565	0	0	0
727	94	750	2	1	53.91650	f	0	0	1	1
728	94	750	2	1	53.91650	f	182	0	1	1
729	94	750	2	1	53.91650	f	383	0	1	1
730	95	137	2	0	46.39014	f	0	1	1	1
731	96	4520	0	1	48.84600	f	0	0	0	0
732	96	4520	0	1	48.84600	f	189	0	0	0
733	96	4520	0	1	48.84600	f	358	0	1	0
734	96	4520	0	1	48.84600	f	729	0	0	0
735	96	4520	0	1	48.84600	f	1085	0	0	0
736	96	4520	0	1	48.84600	f	1380	0	0	0
737	96	4520	0	1	48.84600	f	1771	0	0	0
738	96	4520	0	1	48.84600	f	2191	0	0	0
739	96	4520	0	1	48.84600	f	2500	0	0	0
740	96	4520	0	1	48.84600	f	2866	0	0	0
741	96	4520	0	1	48.84600	f	3241	0	0	0
742	96	4520	0	1	48.84600	f	3521	0	0	1
743	96	4520	0	1	48.84600	f	3892	0	0	0
744	96	4520	0	1	48.84600	f	4263	0	0	0
745	97	620	2	0	71.89322	m	0	0	1	0
746	97	620	2	0	71.89322	m	175	0	1	0
747	97	620	2	0	71.89322	m	428	0	1	0
748	97	620	2	0	71.89322	m	550	NA	NA	NA
749	98	4492	0	1	28.88433	f	0	0	0	0
750	98	4492	0	1	28.88433	f	197	0	0	0
751	98	4492	0	1	28.88433	f	364	0	0	0
752	98	4492	0	1	28.88433	f	764	0	0	0
753	98	4492	0	1	28.88433	f	1094	0	0	0
754	98	4492	0	1	28.88433	f	1471	0	1	0
755	98	4492	0	1	28.88433	f	1835	0	0	0

756	98	4492	0	1	28.88433	f	2219	0	0	0
757	98	4492	0	1	28.88433	f	2591	0	0	0
758	98	4492	0	1	28.88433	f	2947	0	0	0
759	98	4492	0	1	28.88433	f	3311	0	0	0
760	98	4492	0	1	28.88433	f	3703	0	0	0
761	98	4492	0	1	28.88433	f	4046	0	0	0
762	98	4492	0	1	28.88433	f	4438	0	0	0
763	99	4489	0	0	48.46817	m	0	0	0	0
764	99	4489	0	0	48.46817	m	193	0	0	0
765	99	4489	0	0	48.46817	m	362	0	0	0
766	99	4489	0	0	48.46817	m	739	0	0	0
767	99	4489	0	0	48.46817	m	1096	0	0	0
768	99	4489	0	0	48.46817	m	1469	0	0	0
769	99	4489	0	0	48.46817	m	1824	0	0	1
770	99	4489	0	0	48.46817	m	2189	0	1	0
771	99	4489	0	0	48.46817	m	2566	0	1	0
772	99	4489	0	0	48.46817	m	3045	0	1	0
773	99	4489	0	0	48.46817	m	3428	0	1	0
774	99	4489	0	0	48.46817	m	3812	0	1	0
775	99	4489	0	0	48.46817	m	4206	0	1	0
776	100	552	2	0	51.46886	m	0	0	1	0
777	100	552	2	0	51.46886	m	171	0	1	0
778	100	552	2	0	51.46886	m	358	1	0	0
779	100	552	2	0	51.46886	m	514	NA	NA	NA
780	101	4250	0	0	44.95003	f	0	0	0	0
781	101	4250	0	0	44.95003	f	178	0	1	0
782	101	4250	0	0	44.95003	f	368	0	1	1
783	101	4250	0	0	44.95003	f	746	0	0	0
784	101	4250	0	0	44.95003	f	1097	0	1	0
785	101	4250	0	0	44.95003	f	1467	0	1	0
786	101	4250	0	0	44.95003	f	1844	0	0	0
787	101	4250	0	0	44.95003	f	2189	0	0	0
788	101	4250	0	0	44.95003	f	2596	0	0	0
789	101	4250	0	0	44.95003	f	3313	0	0	0
790	101	4250	0	0	44.95003	f	3692	0	0	0
791	101	4250	0	0	44.95003	f	4049	0	0	0
792	102	3770	0	1	56.56947	f	0	0	0	0
793	102	3770	0	1	56.56947	f	267	0	0	0
794	102	3770	0	1	56.56947	f	483	0	0	0
795	102	3770	0	1	56.56947	f	826	0	0	0
796	102	3770	0	1	56.56947	f	1182	0	1	0
797	102	3770	0	1	56.56947	f	1421	0	0	0
798	102	3770	0	1	56.56947	f	1751	0	1	0

799	102	3770	0	1	56.56947	f	2093	0	1	0
800	102	3770	0	1	56.56947	f	2444	0	1	0
801	102	3770	0	1	56.56947	f	2808	0	1	0
802	102	3770	0	1	56.56947	f	3109	0	1	0
803	102	3770	0	1	56.56947	f	3354	0	1	0
804	103	110	2	0	48.96372	f	0	1	1	1
805	104	3086	2	1	43.01711	f	0	0	0	0
806	104	3086	2	1	43.01711	f	195	0	0	0
807	104	3086	2	1	43.01711	f	365	0	0	0
808	104	3086	2	1	43.01711	f	742	0	1	0
809	104	3086	2	1	43.01711	f	1098	0	1	0
810	104	3086	2	1	43.01711	f	1497	1	1	1
811	104	3086	2	1	43.01711	f	1861	0	1	0
812	104	3086	2	1	43.01711	f	2232	0	1	1
813	104	3086	2	1	43.01711	f	2598	0	1	1
814	104	3086	2	1	43.01711	f	2913	0	1	1
815	105	3092	1	0	34.03970	f	0	0	1	0
816	105	3092	1	0	34.03970	f	201	0	1	0
817	105	3092	1	0	34.03970	f	383	0	1	0
818	105	3092	1	0	34.03970	f	718	0	1	0
819	105	3092	1	0	34.03970	f	1061	1	0	1
820	105	3092	1	0	34.03970	f	1425	1	0	1
821	105	3092	1	0	34.03970	f	1881	1	1	0
822	105	3092	1	0	34.03970	f	2215	0	0	1
823	105	3092	1	0	34.03970	f	2582	0	0	0
824	105	3092	1	0	34.03970	f	2870	1	0	0
825	106	3222	2	1	68.50924	f	0	1	1	0
826	106	3222	2	1	68.50924	f	335	0	0	0
827	106	3222	2	1	68.50924	f	759	0	1	0
828	106	3222	2	1	68.50924	f	1111	0	0	0
829	106	3222	2	1	68.50924	f	3218	NA	NA	NA
830	107	4058	0	0	62.52156	f	0	0	0	0
831	107	4058	0	0	62.52156	f	184	0	0	0
832	107	4058	0	0	62.52156	f	401	0	0	0
833	107	4058	0	0	62.52156	f	751	0	0	0
834	107	4058	0	0	62.52156	f	1150	0	0	0
835	107	4058	0	0	62.52156	f	1505	0	0	0
836	107	4058	0	0	62.52156	f	1870	0	0	0
837	107	4058	0	0	62.52156	f	2402	0	1	0
838	107	4058	0	0	62.52156	f	2766	0	1	0
839	107	4058	0	0	62.52156	f	3131	0	1	0
840	107	4058	0	0	62.52156	f	3494	0	0	0
841	108	2583	2	1	50.35729	f	0	0	0	0

842	108	2583	2	1	50.35729	f	180	0	0	0
843	108	2583	2	1	50.35729	f	376	0	0	0
844	108	2583	2	1	50.35729	f	735	0	0	0
845	108	2583	2	1	50.35729	f	1097	0	0	1
846	108	2583	2	1	50.35729	f	1454	0	0	1
847	108	2583	2	1	50.35729	f	1855	0	0	1
848	108	2583	2	1	50.35729	f	2224	0	0	1
849	109	3173	0	0	44.06297	f	0	0	0	0
850	109	3173	0	0	44.06297	f	183	0	0	0
851	109	3173	0	0	44.06297	f	361	0	1	0
852	109	3173	0	0	44.06297	f	775	0	1	0
853	109	3173	0	0	44.06297	f	1160	0	0	0
854	109	3173	0	0	44.06297	f	1503	0	0	0
855	109	3173	0	0	44.06297	f	1880	0	1	0
856	109	3173	0	0	44.06297	f	2253	0	1	0
857	109	3173	0	0	44.06297	f	2629	0	1	0
858	109	3173	0	0	44.06297	f	2895	0	1	0
859	110	2044	2	1	38.91034	f	0	0	1	1
860	110	2044	2	1	38.91034	f	179	0	1	1
861	110	2044	2	1	38.91034	f	380	0	1	0
862	110	2044	2	1	38.91034	f	763	0	1	1
863	110	2044	2	1	38.91034	f	1058	0	1	1
864	110	2044	2	1	38.91034	f	1646	0	1	0
865	110	2044	2	1	38.91034	f	1985	1	1	0
866	111	2350	1	1	41.15264	f	0	0	0	0
867	111	2350	1	1	41.15264	f	193	0	0	0
868	111	2350	1	1	41.15264	f	377	0	0	0
869	111	2350	1	1	41.15264	f	733	0	0	0
870	111	2350	1	1	41.15264	f	1098	1	1	0
871	111	2350	1	1	41.15264	f	1461	1	0	1
872	111	2350	1	1	41.15264	f	1824	0	1	1
873	111	2350	1	1	41.15264	f	2190	NA	NA	NA
874	112	3445	2	0	55.45791	f	0	0	1	1
875	112	3445	2	0	55.45791	f	195	0	1	1
876	112	3445	2	0	55.45791	f	358	0	1	1
877	112	3445	2	0	55.45791	f	755	0	1	1
878	112	3445	2	0	55.45791	f	1147	0	1	0
879	112	3445	2	0	55.45791	f	1489	0	1	0
880	112	3445	2	0	55.45791	f	1868	0	1	1
881	112	3445	2	0	55.45791	f	2225	0	1	0
882	112	3445	2	0	55.45791	f	2640	0	1	0
883	112	3445	2	0	55.45791	f	2889	0	1	0
884	112	3445	2	0	55.45791	f	3394	NA	NA	NA

885	113	951	2	1	51.23340	f	0	0	1	1
886	113	951	2	1	51.23340	f	168	1	1	1
887	113	951	2	1	51.23340	f	351	0	1	1
888	113	951	2	1	51.23340	f	645	0	0	1
889	113	951	2	1	51.23340	f	899	NA	NA	NA
890	114	3395	2	0	52.82683	m	0	0	0	0
891	114	3395	2	0	52.82683	m	188	0	0	0
892	114	3395	2	0	52.82683	m	419	0	0	0
893	114	3395	2	0	52.82683	m	817	0	1	0
894	114	3395	2	0	52.82683	m	1140	0	0	0
895	114	3395	2	0	52.82683	m	1588	0	1	0
896	114	3395	2	0	52.82683	m	1987	0	0	0
897	114	3395	2	0	52.82683	m	2332	0	1	0
898	114	3395	2	0	52.82683	m	2696	0	1	1
899	114	3395	2	0	52.82683	m	3051	1	1	1
900	114	3395	2	0	52.82683	m	3390	NA	NA	NA
901	115	4091	0	0	42.63929	f	0	0	0	1
902	115	4091	0	0	42.63929	f	196	0	0	0
903	115	4091	0	0	42.63929	f	370	0	1	1
904	115	4091	0	0	42.63929	f	790	0	0	0
905	115	4091	0	0	42.63929	f	1132	0	0	1
906	115	4091	0	0	42.63929	f	1568	0	0	0
907	115	4091	0	0	42.63929	f	1918	0	1	0
908	115	4091	0	0	42.63929	f	2267	0	1	0
909	115	4091	0	0	42.63929	f	2639	0	0	0
910	115	4091	0	0	42.63929	f	2983	0	0	0
911	115	4091	0	0	42.63929	f	3332	0	0	0
912	115	4091	0	0	42.63929	f	3716	0	0	0
913	116	4015	0	1	61.07050	f	0	0	0	1
914	116	4015	0	1	61.07050	f	196	0	0	1
915	116	4015	0	1	61.07050	f	365	0	0	1
916	116	4015	0	1	61.07050	f	769	0	0	0
917	116	4015	0	1	61.07050	f	1140	0	0	0
918	116	4015	0	1	61.07050	f	1532	0	0	0
919	116	4015	0	1	61.07050	f	1904	0	0	0
920	116	4015	0	1	61.07050	f	2246	0	0	0
921	116	4015	0	1	61.07050	f	2688	0	0	0
922	116	4015	0	1	61.07050	f	3341	0	0	0
923	116	4015	0	1	61.07050	f	3683	0	0	0
924	117	1083	2	1	49.65640	f	0	0	1	1
925	117	1083	2	1	49.65640	f	185	0	1	1
926	117	1083	2	1	49.65640	f	390	0	1	1
927	117	1083	2	1	49.65640	f	832	0	1	1

928	117	1083	2	1	49.65640	f	1070	NA	NA	NA
929	118	2288	2	1	48.85421	f	0	0	1	0
930	118	2288	2	1	48.85421	f	179	0	1	0
931	118	2288	2	1	48.85421	f	357	0	1	0
932	118	2288	2	1	48.85421	f	735	0	1	1
933	118	2288	2	1	48.85421	f	1093	0	0	0
934	118	2288	2	1	48.85421	f	1523	0	0	0
935	118	2288	2	1	48.85421	f	2176	1	1	1
936	119	515	2	1	54.25599	f	0	0	0	1
937	119	515	2	1	54.25599	f	113	0	0	1
938	120	2033	1	1	35.15127	m	0	0	0	0
939	120	2033	1	1	35.15127	m	173	0	0	0
940	120	2033	1	1	35.15127	m	361	0	1	1
941	120	2033	1	1	35.15127	m	678	0	1	1
942	120	2033	1	1	35.15127	m	1028	0	1	1
943	120	2033	1	1	35.15127	m	1385	0	1	0
944	120	2033	1	1	35.15127	m	1798	0	1	0
945	120	2033	1	1	35.15127	m	2007	NA	NA	NA
946	121	191	2	0	67.90691	m	0	1	1	0
947	122	3966	0	1	55.43600	f	0	0	0	0
948	122	3966	0	1	55.43600	f	175	0	0	0
949	122	3966	0	1	55.43600	f	496	0	0	1
950	122	3966	0	1	55.43600	f	904	0	0	0
951	122	3966	0	1	55.43600	f	1274	0	0	1
952	122	3966	0	1	55.43600	f	1624	0	0	1
953	122	3966	0	1	55.43600	f	2050	0	0	0
954	122	3966	0	1	55.43600	f	2431	0	0	0
955	122	3966	0	1	55.43600	f	2792	0	0	0
956	122	3966	0	1	55.43600	f	3178	0	0	0
957	123	971	2	1	45.82067	f	0	0	1	1
958	123	971	2	1	45.82067	f	155	1	1	1
959	124	3903	2	1	52.88980	m	0	0	1	0
960	125	2468	1	0	47.18138	f	0	0	1	0
961	125	2468	1	0	47.18138	f	185	0	0	0
962	125	2468	1	0	47.18138	f	352	0	0	0
963	125	2468	1	0	47.18138	f	693	0	0	0
964	125	2468	1	0	47.18138	f	1064	0	1	0
965	125	2468	1	0	47.18138	f	1492	0	1	0
966	125	2468	1	0	47.18138	f	1827	0	1	0
967	125	2468	1	0	47.18138	f	2205	1	1	0
968	125	2468	1	0	47.18138	f	2367	NA	NA	NA
969	126	824	2	1	53.59890	f	0	1	1	1
970	126	824	2	1	53.59890	f	212	0	1	1

971	126	824	2	1	53.59890	f	372	1	1	1
972	126	824	2	1	53.59890	f	713	1	1	1
973	126	824	2	1	53.59890	f	816	NA	NA	NA
974	127	3924	0	0	44.10404	f	0	0	0	0
975	127	3924	0	0	44.10404	f	370	0	0	0
976	127	3924	0	0	44.10404	f	742	0	0	0
977	127	3924	0	0	44.10404	f	1099	0	0	0
978	127	3924	0	0	44.10404	f	1464	0	0	1
979	127	3924	0	0	44.10404	f	1827	0	0	0
980	127	3924	0	0	44.10404	f	2065	0	0	0
981	127	3924	0	0	44.10404	f	2533	0	0	1
982	127	3924	0	0	44.10404	f	2869	0	0	0
983	127	3924	0	0	44.10404	f	3254	0	0	1
984	127	3924	0	0	44.10404	f	3626	0	0	0
985	128	1037	2	1	41.94935	f	0	0	1	1
986	128	1037	2	1	41.94935	f	192	0	1	1
987	128	1037	2	1	41.94935	f	311	0	1	1
988	128	1037	2	1	41.94935	f	675	0	0	1
989	128	1037	2	1	41.94935	f	979	1	0	1
990	129	3908	0	1	63.61396	f	0	0	1	0
991	129	3908	0	1	63.61396	f	175	0	1	0
992	129	3908	0	1	63.61396	f	363	0	1	0
993	129	3908	0	1	63.61396	f	727	0	0	0
994	129	3908	0	1	63.61396	f	1098	0	1	0
995	129	3908	0	1	63.61396	f	1468	0	1	0
996	129	3908	0	1	63.61396	f	1821	0	1	0
997	129	3908	0	1	63.61396	f	2177	0	1	0
998	129	3908	0	1	63.61396	f	2568	0	1	0
999	129	3908	0	1	63.61396	f	2926	0	1	0
1000	129	3908	0	1	63.61396	f	3290	0	1	0
1001	129	3908	0	1	63.61396	f	3700	0	1	0
1002	130	1411	2	0	44.22724	f	0	0	1	1
1003	130	1411	2	0	44.22724	f	187	0	1	1
1004	130	1411	2	0	44.22724	f	376	0	1	1
1005	130	1411	2	0	44.22724	f	754	1	1	1
1006	130	1411	2	0	44.22724	f	1035	1	1	1
1007	130	1411	2	0	44.22724	f	1408	NA	NA	NA
1008	131	850	2	0	62.00137	f	0	0	1	1
1009	131	850	2	0	62.00137	f	186	0	1	1
1010	131	850	2	0	62.00137	f	369	0	1	1
1011	131	850	2	0	62.00137	f	732	1	1	1
1012	132	3613	0	1	40.55305	f	0	0	0	0
1013	132	3613	0	1	40.55305	f	175	0	0	0

1014	132	3613	0	1	40.55305	f	397	0	0	0
1015	132	3613	0	1	40.55305	f	748	0	1	0
1016	132	3613	0	1	40.55305	f	1128	0	0	0
1017	132	3613	0	1	40.55305	f	1488	0	0	0
1018	133	2796	2	0	62.64476	m	0	0	0	0
1019	133	2796	2	0	62.64476	m	395	0	0	0
1020	133	2796	2	0	62.64476	m	626	0	0	0
1021	133	2796	2	0	62.64476	m	983	0	0	0
1022	133	2796	2	0	62.64476	m	1361	0	1	1
1023	133	2796	2	0	62.64476	m	1718	0	1	0
1024	133	2796	2	0	62.64476	m	2089	0	0	0
1025	133	2796	2	0	62.64476	m	2454	0	1	1
1026	133	2796	2	0	62.64476	m	2778	NA	NA	NA
1027	134	3818	0	0	42.33539	f	0	0	0	0
1028	134	3818	0	0	42.33539	f	181	0	0	0
1029	134	3818	0	0	42.33539	f	390	0	0	0
1030	134	3818	0	0	42.33539	f	705	0	0	0
1031	134	3818	0	0	42.33539	f	1062	0	1	0
1032	134	3818	0	0	42.33539	f	1440	0	1	0
1033	134	3818	0	0	42.33539	f	1783	0	0	0
1034	134	3818	0	0	42.33539	f	2169	0	1	0
1035	134	3818	0	0	42.33539	f	2554	0	1	0
1036	134	3818	0	0	42.33539	f	2917	0	1	0
1037	134	3818	0	0	42.33539	f	3256	0	1	0
1038	134	3818	0	0	42.33539	f	3611	0	1	0
1039	135	3819	0	1	42.96783	f	0	0	0	0
1040	135	3819	0	1	42.96783	f	178	0	0	0
1041	135	3819	0	1	42.96783	f	379	0	0	0
1042	135	3819	0	1	42.96783	f	748	0	0	0
1043	135	3819	0	1	42.96783	f	1112	0	0	0
1044	135	3819	0	1	42.96783	f	1477	0	0	0
1045	135	3819	0	1	42.96783	f	1875	0	0	0
1046	135	3819	0	1	42.96783	f	2289	0	0	0
1047	135	3819	0	1	42.96783	f	2659	0	0	0
1048	135	3819	0	1	42.96783	f	3157	0	0	0
1049	136	3767	0	1	55.96167	f	0	0	0	0
1050	136	3767	0	1	55.96167	f	172	0	0	0
1051	136	3767	0	1	55.96167	f	381	0	0	0
1052	136	3767	0	1	55.96167	f	752	0	0	0
1053	136	3767	0	1	55.96167	f	1111	0	0	0
1054	136	3767	0	1	55.96167	f	1544	0	0	0
1055	136	3767	0	1	55.96167	f	1942	0	0	0
1056	136	3767	0	1	55.96167	f	2313	0	0	0

1057	136	3767	0	1	55.96167	f	3043	0	0	0
1058	137	3659	0	1	62.86105	f	0	0	0	0
1059	137	3659	0	1	62.86105	f	175	0	0	0
1060	137	3659	0	1	62.86105	f	344	0	0	0
1061	137	3659	0	1	62.86105	f	728	0	0	0
1062	137	3659	0	1	62.86105	f	1082	0	0	0
1063	137	3659	0	1	62.86105	f	1464	0	0	0
1064	137	3659	0	1	62.86105	f	1771	0	0	0
1065	137	3659	0	1	62.86105	f	2173	0	1	0
1066	137	3659	0	1	62.86105	f	2555	0	1	0
1067	137	3659	0	1	62.86105	f	2926	0	1	0
1068	137	3659	0	1	62.86105	f	3150	NA	1	0
1069	137	3659	0	1	62.86105	f	3464	0	1	0
1070	138	1297	2	1	51.24983	m	0	0	1	0
1071	138	1297	2	1	51.24983	m	159	0	1	0
1072	138	1297	2	1	51.24983	m	341	0	1	0
1073	138	1297	2	1	51.24983	m	717	0	1	0
1074	138	1297	2	1	51.24983	m	1067	0	1	0
1075	138	1297	2	1	51.24983	m	1296	NA	NA	NA
1076	139	2357	1	0	46.76249	f	0	0	1	0
1077	139	2357	1	0	46.76249	f	198	0	1	0
1078	139	2357	1	0	46.76249	f	363	0	1	0
1079	139	2357	1	0	46.76249	f	719	1	1	0
1080	139	2357	1	0	46.76249	f	1072	0	1	0
1081	139	2357	1	0	46.76249	f	1813	0	1	0
1082	140	3728	0	1	54.07529	f	0	0	1	0
1083	140	3728	0	1	54.07529	f	177	0	0	0
1084	140	3728	0	1	54.07529	f	377	0	1	0
1085	140	3728	0	1	54.07529	f	700	0	1	0
1086	140	3728	0	1	54.07529	f	1063	0	0	0
1087	140	3728	0	1	54.07529	f	1420	0	0	0
1088	140	3728	0	1	54.07529	f	1798	0	1	0
1089	140	3728	0	1	54.07529	f	2165	0	0	0
1090	140	3728	0	1	54.07529	f	2522	0	0	0
1091	140	3728	0	1	54.07529	f	2890	0	1	0
1092	140	3728	0	1	54.07529	f	3255	0	0	0
1093	140	3728	0	1	54.07529	f	3592	0	1	0
1094	141	3719	0	1	47.03628	f	0	0	0	0
1095	141	3719	0	1	47.03628	f	169	0	0	0
1096	141	3719	0	1	47.03628	f	375	0	0	0
1097	142	2419	2	0	55.72621	f	0	0	1	0
1098	142	2419	2	0	55.72621	f	188	0	0	0
1099	142	2419	2	0	55.72621	f	377	0	0	0

1100	142	2419	2	0	55.72621	f	741	0	0	0
1101	142	2419	2	0	55.72621	f	1112	0	1	0
1102	142	2419	2	0	55.72621	f	1455	0	1	0
1103	142	2419	2	0	55.72621	f	1820	0	1	0
1104	142	2419	2	0	55.72621	f	2199	1	1	0
1105	142	2419	2	0	55.72621	f	2364	NA	NA	NA
1106	143	786	2	0	46.10267	f	0	0	1	0
1107	143	786	2	0	46.10267	f	176	0	1	1
1108	143	786	2	0	46.10267	f	376	0	1	1
1109	144	945	2	0	52.28747	f	0	0	1	0
1110	144	945	2	0	52.28747	f	183	0	1	1
1111	144	945	2	0	52.28747	f	365	0	1	1
1112	144	945	2	0	52.28747	f	860	0	1	0
1113	145	3645	0	0	51.20055	f	0	0	0	1
1114	145	3645	0	0	51.20055	f	282	0	0	0
1115	145	3645	0	0	51.20055	f	371	0	0	1
1116	145	3645	0	0	51.20055	f	735	0	1	1
1117	146	3086	2	0	33.86448	f	0	0	0	0
1118	146	3086	2	0	33.86448	f	182	0	0	0
1119	146	3086	2	0	33.86448	f	374	0	0	0
1120	146	3086	2	0	33.86448	f	795	0	1	0
1121	146	3086	2	0	33.86448	f	1139	0	1	0
1122	146	3086	2	0	33.86448	f	1539	0	0	0
1123	146	3086	2	0	33.86448	f	2600	0	0	0
1124	147	3382	2	1	75.01164	f	0	0	0	0
1125	147	3382	2	1	75.01164	f	184	0	0	1
1126	147	3382	2	1	75.01164	f	412	0	0	0
1127	147	3382	2	1	75.01164	f	782	0	0	1
1128	147	3382	2	1	75.01164	f	1160	0	0	0
1129	148	1427	2	0	30.86379	f	0	0	1	0
1130	148	1427	2	0	30.86379	f	181	0	1	1
1131	148	1427	2	0	30.86379	f	343	0	1	0
1132	148	1427	2	0	30.86379	f	676	0	1	0
1133	148	1427	2	0	30.86379	f	1055	1	1	0
1134	148	1427	2	0	30.86379	f	1425	1	1	0
1135	149	762	2	1	61.80424	m	0	0	1	1
1136	149	762	2	1	61.80424	m	241	0	1	0
1137	149	762	2	1	61.80424	m	741	NA	NA	NA
1138	150	3560	0	0	34.98700	f	0	0	0	1
1139	150	3560	0	0	34.98700	f	188	0	0	1
1140	150	3560	0	0	34.98700	f	365	0	0	1
1141	150	3560	0	0	34.98700	f	741	0	0	1
1142	150	3560	0	0	34.98700	f	1112	0	0	1

1143	150	3560	0	0	34.98700	f	1476	0	1	1
1144	150	3560	0	0	34.98700	f	1841	0	1	1
1145	150	3560	0	0	34.98700	f	2214	0	1	1
1146	150	3560	0	0	34.98700	f	2577	0	1	1
1147	151	3539	0	1	55.04175	f	0	0	0	0
1148	151	3539	0	1	55.04175	f	167	0	0	0
1149	151	3539	0	1	55.04175	f	356	0	0	0
1150	151	3539	0	1	55.04175	f	714	0	0	0
1151	151	3539	0	1	55.04175	f	1098	0	1	0
1152	151	3539	0	1	55.04175	f	1470	0	0	0
1153	151	3539	0	1	55.04175	f	1868	1	0	0
1154	151	3539	0	1	55.04175	f	2179	0	0	0
1155	151	3539	0	1	55.04175	f	2550	0	0	0
1156	151	3539	0	1	55.04175	f	2919	1	0	1
1157	151	3539	0	1	55.04175	f	3275	0	0	1
1158	152	1152	2	1	69.94114	m	0	0	1	0
1159	152	1152	2	1	69.94114	m	200	0	1	0
1160	152	1152	2	1	69.94114	m	832	NA	NA	NA
1161	153	3532	0	1	49.60438	f	0	0	0	0
1162	153	3532	0	1	49.60438	f	234	0	0	0
1163	153	3532	0	1	49.60438	f	372	0	0	0
1164	153	3532	0	1	49.60438	f	743	0	0	0
1165	153	3532	0	1	49.60438	f	1121	0	0	0
1166	153	3532	0	1	49.60438	f	1472	0	0	0
1167	153	3532	0	1	49.60438	f	1835	0	0	0
1168	153	3532	0	1	49.60438	f	2220	0	0	0
1169	153	3532	0	1	49.60438	f	2563	0	0	0
1170	153	3532	0	1	49.60438	f	2942	0	0	0
1171	154	140	2	1	69.37714	m	0	0	0	1
1172	155	3516	0	0	43.55647	f	0	0	1	1
1173	155	3516	0	0	43.55647	f	196	0	1	1
1174	155	3516	0	0	43.55647	f	363	0	0	1
1175	156	853	2	0	59.40862	f	0	0	1	0
1176	156	853	2	0	59.40862	f	193	0	1	1
1177	156	853	2	0	59.40862	f	372	0	0	1
1178	156	853	2	0	59.40862	f	680	0	1	0
1179	157	3504	0	0	48.75838	f	0	0	0	0
1180	157	3504	0	0	48.75838	f	178	0	0	0
1181	157	3504	0	0	48.75838	f	357	0	0	0
1182	157	3504	0	0	48.75838	f	721	0	0	0
1183	157	3504	0	0	48.75838	f	1098	0	0	0
1184	157	3504	0	0	48.75838	f	1455	0	0	0
1185	157	3504	0	0	48.75838	f	1806	0	0	0

1186	157	3504	0	0	48.75838	f	2219	0	0	0
1187	157	3504	0	0	48.75838	f	2568	0	0	0
1188	157	3504	0	0	48.75838	f	2941	0	0	0
1189	157	3504	0	0	48.75838	f	3340	0	0	0
1190	158	2475	1	1	36.49281	f	0	0	0	0
1191	158	2475	1	1	36.49281	f	176	0	0	0
1192	158	2475	1	1	36.49281	f	359	0	0	0
1193	158	2475	1	1	36.49281	f	700	0	1	0
1194	158	2475	1	1	36.49281	f	1064	0	1	1
1195	158	2475	1	1	36.49281	f	1484	0	1	1
1196	158	2475	1	1	36.49281	f	1819	0	1	1
1197	158	2475	1	1	36.49281	f	2211	0	1	1
1198	158	2475	1	1	36.49281	f	2474	0	1	1
1199	159	1536	2	0	45.76044	m	0	0	0	0
1200	159	1536	2	0	45.76044	m	191	0	1	0
1201	159	1536	2	0	45.76044	m	378	0	0	0
1202	159	1536	2	0	45.76044	m	742	0	1	1
1203	160	3441	0	0	57.37166	f	0	0	0	0
1204	160	3441	0	0	57.37166	f	206	0	0	1
1205	160	3441	0	0	57.37166	f	349	0	0	1
1206	160	3441	0	0	57.37166	f	715	0	0	0
1207	160	3441	0	0	57.37166	f	1098	0	0	0
1208	160	3441	0	0	57.37166	f	1435	0	0	0
1209	160	3441	0	0	57.37166	f	1778	0	0	0
1210	160	3441	0	0	57.37166	f	2144	0	0	0
1211	161	3466	0	0	42.74333	f	0	0	0	0
1212	161	3466	0	0	42.74333	f	196	0	0	0
1213	161	3466	0	0	42.74333	f	360	0	0	0
1214	161	3466	0	0	42.74333	f	745	0	0	0
1215	161	3466	0	0	42.74333	f	1054	0	0	0
1216	161	3466	0	0	42.74333	f	1452	0	1	0
1217	161	3466	0	0	42.74333	f	1908	0	0	0
1218	161	3466	0	0	42.74333	f	2264	0	0	0
1219	161	3466	0	0	42.74333	f	2677	0	0	0
1220	161	3466	0	0	42.74333	f	3007	0	0	0
1221	161	3466	0	0	42.74333	f	3414	0	0	1
1222	162	186	2	0	58.81725	f	0	0	1	1
1223	163	2055	2	1	53.49760	f	0	0	0	0
1224	163	2055	2	1	53.49760	f	216	0	0	0
1225	163	2055	2	1	53.49760	f	1923	NA	NA	NA
1226	164	276	2	0	43.41410	f	0	0	1	1
1227	165	1076	2	1	53.30595	m	0	0	1	0
1228	165	1076	2	1	53.30595	m	147	0	1	1

1229	165	1076	2	1	53.30595	m	360	0	1	1
1230	165	1076	2	1	53.30595	m	739	1	1	1
1231	165	1076	2	1	53.30595	m	978	NA	NA	NA
1232	166	3390	0	0	41.35524	f	0	0	1	0
1233	166	3390	0	0	41.35524	f	172	0	0	0
1234	166	3390	0	0	41.35524	f	376	0	1	0
1235	166	3390	0	0	41.35524	f	781	0	0	0
1236	166	3390	0	0	41.35524	f	1145	0	0	0
1237	166	3390	0	0	41.35524	f	1517	0	0	0
1238	166	3390	0	0	41.35524	f	1918	0	0	0
1239	166	3390	0	0	41.35524	f	2303	0	0	0
1240	167	1684	2	1	60.95825	m	0	0	1	0
1241	167	1684	2	1	60.95825	m	202	0	1	0
1242	167	1684	2	1	60.95825	m	566	0	1	0
1243	167	1684	2	1	60.95825	m	930	0	1	0
1244	167	1684	2	1	60.95825	m	1352	0	1	0
1245	167	1684	2	1	60.95825	m	1673	NA	NA	NA
1246	168	3384	0	0	47.75359	f	0	0	1	0
1247	168	3384	0	0	47.75359	f	188	0	0	0
1248	168	3384	0	0	47.75359	f	391	0	0	0
1249	168	3384	0	0	47.75359	f	838	0	0	0
1250	168	3384	0	0	47.75359	f	1266	0	0	1
1251	168	3384	0	0	47.75359	f	1651	0	0	0
1252	168	3384	0	0	47.75359	f	1996	0	0	0
1253	168	3384	0	0	47.75359	f	2367	0	1	0
1254	168	3384	0	0	47.75359	f	2722	0	1	1
1255	168	3384	0	0	47.75359	f	3086	0	0	1
1256	169	1212	2	0	35.49076	f	0	0	0	0
1257	169	1212	2	0	35.49076	f	208	0	0	0
1258	169	1212	2	0	35.49076	f	430	0	0	0
1259	169	1212	2	0	35.49076	f	822	0	1	0
1260	169	1212	2	0	35.49076	f	1132	0	0	0
1261	170	3361	0	1	48.66256	f	0	0	0	0
1262	171	3243	0	1	52.66804	f	0	0	0	0
1263	171	3243	0	1	52.66804	f	152	0	0	0
1264	171	3243	0	1	52.66804	f	369	0	0	0
1265	171	3243	0	1	52.66804	f	768	0	0	0
1266	171	3243	0	1	52.66804	f	1097	0	0	0
1267	171	3243	0	1	52.66804	f	1512	0	0	0
1268	171	3243	0	1	52.66804	f	1898	0	0	0
1269	171	3243	0	1	52.66804	f	2233	0	0	0
1270	171	3243	0	1	52.66804	f	2609	0	0	0
1271	171	3243	0	1	52.66804	f	2981	0	1	0

1272	172	2970	0	0	49.86995	f	0	0	0	1
1273	172	2970	0	0	49.86995	f	189	0	0	1
1274	172	2970	0	0	49.86995	f	377	0	0	1
1275	172	2970	0	0	49.86995	f	740	0	1	1
1276	172	2970	0	0	49.86995	f	1084	0	1	1
1277	172	2970	0	0	49.86995	f	1432	0	NA	1
1278	172	2970	0	0	49.86995	f	2020	0	1	0
1279	173	3326	0	1	30.27515	f	0	0	1	1
1280	173	3326	0	1	30.27515	f	167	0	0	1
1281	173	3326	0	1	30.27515	f	403	0	0	1
1282	173	3326	0	1	30.27515	f	773	0	0	0
1283	173	3326	0	1	30.27515	f	1179	0	0	0
1284	173	3326	0	1	30.27515	f	1558	0	0	1
1285	173	3326	0	1	30.27515	f	1945	0	0	1
1286	173	3326	0	1	30.27515	f	2258	0	0	1
1287	173	3326	0	1	30.27515	f	2651	0	0	1
1288	174	3313	0	1	55.56742	f	0	0	0	0
1289	174	3313	0	1	55.56742	f	186	0	0	0
1290	174	3313	0	1	55.56742	f	553	0	0	0
1291	174	3313	0	1	55.56742	f	952	0	0	0
1292	174	3313	0	1	55.56742	f	1309	0	0	0
1293	174	3313	0	1	55.56742	f	1679	0	0	0
1294	174	3313	0	1	55.56742	f	1992	0	0	0
1295	174	3313	0	1	55.56742	f	2399	0	0	0
1296	174	3313	0	1	55.56742	f	2650	0	1	0
1297	174	3313	0	1	55.56742	f	3021	0	1	0
1298	175	3293	0	0	52.15332	f	0	0	0	0
1299	175	3293	0	0	52.15332	f	166	0	0	0
1300	175	3293	0	0	52.15332	f	345	0	1	0
1301	175	3293	0	0	52.15332	f	723	0	0	0
1302	175	3293	0	0	52.15332	f	1076	0	0	0
1303	175	3293	0	0	52.15332	f	1462	0	0	0
1304	175	3293	0	0	52.15332	f	1848	0	0	0
1305	175	3293	0	0	52.15332	f	2219	0	0	0
1306	175	3293	0	0	52.15332	f	2602	0	1	0
1307	175	3293	0	0	52.15332	f	2977	0	0	0
1308	176	1492	2	1	41.60986	f	0	0	1	1
1309	176	1492	2	1	41.60986	f	190	0	1	1
1310	176	1492	2	1	41.60986	f	362	0	1	1
1311	176	1492	2	1	41.60986	f	746	0	1	1
1312	176	1492	2	1	41.60986	f	1104	0	1	0
1313	176	1492	2	1	41.60986	f	1433	0	1	1
1314	177	3278	0	0	55.45243	f	0	0	0	0

1315	178	3249	0	1	70.00411	f	0	0	0	0
1316	178	3249	0	1	70.00411	f	180	0	0	0
1317	178	3249	0	1	70.00411	f	368	0	0	0
1318	178	3249	0	1	70.00411	f	773	0	0	0
1319	178	3249	0	1	70.00411	f	1116	0	0	0
1320	178	3249	0	1	70.00411	f	1466	0	0	0
1321	179	3242	0	0	43.94251	f	0	0	1	0
1322	179	3242	0	0	43.94251	f	144	0	0	0
1323	179	3242	0	0	43.94251	f	374	0	1	0
1324	180	3232	0	0	42.56810	f	0	0	0	0
1325	180	3232	0	0	42.56810	f	170	0	1	0
1326	180	3232	0	0	42.56810	f	350	0	0	1
1327	180	3232	0	0	42.56810	f	736	0	0	0
1328	180	3232	0	0	42.56810	f	1143	1	1	0
1329	180	3232	0	0	42.56810	f	1506	0	1	0
1330	180	3232	0	0	42.56810	f	1890	0	1	0
1331	180	3232	0	0	42.56810	f	2228	0	1	0
1332	180	3232	0	0	42.56810	f	2639	0	1	0
1333	180	3232	0	0	42.56810	f	2989	0	0	0
1334	181	3225	0	1	44.56947	f	0	0	1	1
1335	182	3224	0	1	56.94456	f	0	0	1	0
1336	182	3224	0	1	56.94456	f	206	0	1	0
1337	182	3224	0	1	56.94456	f	433	0	0	0
1338	182	3224	0	1	56.94456	f	790	0	0	0
1339	182	3224	0	1	56.94456	f	1141	0	0	0
1340	183	2241	1	0	40.26010	f	0	0	0	0
1341	183	2241	1	0	40.26010	f	183	0	0	0
1342	183	2241	1	0	40.26010	f	320	0	0	0
1343	183	2241	1	0	40.26010	f	704	0	0	0
1344	183	2241	1	0	40.26010	f	1103	0	0	0
1345	183	2241	1	0	40.26010	f	1547	0	0	0
1346	183	2241	1	0	40.26010	f	1741	0	1	1
1347	183	2241	1	0	40.26010	f	1989	0	1	1
1348	184	974	2	0	37.60712	f	0	0	1	0
1349	184	974	2	0	37.60712	f	185	0	1	0
1350	184	974	2	0	37.60712	f	392	0	1	0
1351	184	974	2	0	37.60712	f	762	0	1	1
1352	184	974	2	0	37.60712	f	913	NA	NA	NA
1353	185	2882	2	1	48.36140	f	0	0	0	0
1354	185	2882	2	1	48.36140	f	185	0	0	0
1355	185	2882	2	1	48.36140	f	392	0	1	0
1356	185	2882	2	1	48.36140	f	762	0	1	1
1357	185	2882	2	1	48.36140	f	1196	0	1	1

1358	186	1576	2	1	70.83641	f	0	0	0	1
1359	186	1576	2	1	70.83641	f	211	0	0	1
1360	186	1576	2	1	70.83641	f	399	0	0	1
1361	186	1576	2	1	70.83641	f	782	0	0	1
1362	187	733	2	0	35.79192	f	0	0	1	0
1363	187	733	2	0	35.79192	f	217	0	1	0
1364	187	733	2	0	35.79192	f	356	1	1	0
1365	187	733	2	0	35.79192	f	729	NA	NA	NA
1366	188	2635	0	1	62.62286	f	0	0	1	0
1367	188	2635	0	1	62.62286	f	380	0	1	0
1368	188	2635	0	1	62.62286	f	538	0	0	0
1369	188	2635	0	1	62.62286	f	930	0	0	0
1370	188	2635	0	1	62.62286	f	1324	0	0	0
1371	188	2635	0	1	62.62286	f	1644	0	0	0
1372	188	2635	0	1	62.62286	f	2001	0	0	0
1373	188	2635	0	1	62.62286	f	2351	0	0	0
1374	189	3125	0	0	50.64750	f	0	0	1	0
1375	189	3125	0	0	50.64750	f	211	0	0	0
1376	189	3125	0	0	50.64750	f	355	0	1	0
1377	189	3125	0	0	50.64750	f	733	0	1	0
1378	189	3125	0	0	50.64750	f	1098	1	1	0
1379	190	3173	0	1	54.52704	f	0	0	0	1
1380	190	3173	0	1	54.52704	f	204	0	0	1
1381	190	3173	0	1	54.52704	f	425	0	0	1
1382	190	3173	0	1	54.52704	f	796	0	0	1
1383	191	216	2	0	52.69268	f	0	1	1	1
1384	192	3112	0	1	52.72005	f	0	0	1	0
1385	192	3112	0	1	52.72005	f	169	0	0	0
1386	192	3112	0	1	52.72005	f	344	0	0	0
1387	192	3112	0	1	52.72005	f	728	0	0	0
1388	192	3112	0	1	52.72005	f	1101	0	0	0
1389	192	3112	0	1	52.72005	f	1444	0	1	0
1390	192	3112	0	1	52.72005	f	1829	0	0	0
1391	192	3112	0	1	52.72005	f	2200	0	1	0
1392	192	3112	0	1	52.72005	f	2564	0	1	0
1393	192	3112	0	1	52.72005	f	2988	0	1	0
1394	193	797	2	0	56.77207	f	0	0	0	0
1395	193	797	2	0	56.77207	f	193	1	1	0
1396	193	797	2	0	56.77207	f	378	0	1	0
1397	193	797	2	0	56.77207	f	750	1	1	1
1398	194	3118	0	1	44.39699	f	0	0	0	0
1399	194	3118	0	1	44.39699	f	185	0	1	1
1400	194	3118	0	1	44.39699	f	355	0	0	0

1401	194	3118	0	1	44.39699	f	720	0	1	0
1402	194	3118	0	1	44.39699	f	1734	0	1	0
1403	195	2999	0	1	29.55510	f	0	0	1	0
1404	196	2555	2	1	57.04038	f	0	0	1	1
1405	196	2555	2	1	57.04038	f	161	0	1	1
1406	196	2555	2	1	57.04038	f	361	0	1	1
1407	196	2555	2	1	57.04038	f	1243	0	1	1
1408	196	2555	2	1	57.04038	f	1558	0	1	1
1409	196	2555	2	1	57.04038	f	1928	1	1	1
1410	196	2555	2	1	57.04038	f	2295	1	1	1
1411	196	2555	2	1	57.04038	f	2503	NA	NA	NA
1412	197	3034	0	1	44.62697	f	0	0	0	0
1413	197	3034	0	1	44.62697	f	162	0	0	0
1414	197	3034	0	1	44.62697	f	383	0	0	0
1415	197	3034	0	1	44.62697	f	761	0	0	0
1416	197	3034	0	1	44.62697	f	1161	0	0	0
1417	197	3034	0	1	44.62697	f	1524	0	0	0
1418	197	3034	0	1	44.62697	f	2035	0	0	0
1419	197	3034	0	1	44.62697	f	2406	0	0	0
1420	197	3034	0	1	44.62697	f	2778	0	0	0
1421	198	3025	0	0	35.79740	f	0	0	0	1
1422	198	3025	0	0	35.79740	f	168	0	1	1
1423	198	3025	0	0	35.79740	f	318	0	0	1
1424	198	3025	0	0	35.79740	f	696	0	0	1
1425	198	3025	0	0	35.79740	f	1013	0	1	1
1426	198	3025	0	0	35.79740	f	1363	0	1	1
1427	198	3025	0	0	35.79740	f	1886	1	1	1
1428	198	3025	0	0	35.79740	f	2236	0	1	1
1429	199	2991	0	1	40.71732	f	0	0	0	0
1430	199	2991	0	1	40.71732	f	183	0	0	0
1431	199	2991	0	1	40.71732	f	410	0	1	0
1432	200	2932	1	0	32.23272	f	0	0	0	1
1433	200	2932	1	0	32.23272	f	163	0	1	1
1434	200	2932	1	0	32.23272	f	338	0	1	1
1435	200	2932	1	0	32.23272	f	722	0	0	1
1436	200	2932	1	0	32.23272	f	1071	0	0	1
1437	200	2932	1	0	32.23272	f	1423	0	0	1
1438	200	2932	1	0	32.23272	f	1800	0	0	1
1439	200	2932	1	0	32.23272	f	2157	0	0	1
1440	200	2932	1	0	32.23272	f	2513	0	0	1
1441	200	2932	1	0	32.23272	f	2871	0	0	1
1442	200	2932	1	0	32.23272	f	2924	NA	NA	NA
1443	201	2963	0	0	41.09240	f	0	0	1	0

1444	201	2963	0	0	41.09240	f	168	0	0	0
1445	201	2963	0	0	41.09240	f	348	0	0	0
1446	201	2963	0	0	41.09240	f	726	0	0	0
1447	201	2963	0	0	41.09240	f	1096	0	0	0
1448	201	2963	0	0	41.09240	f	1421	0	1	0
1449	201	2963	0	0	41.09240	f	1754	1	1	0
1450	201	2963	0	0	41.09240	f	2175	0	1	0
1451	201	2963	0	0	41.09240	f	2540	0	1	0
1452	201	2963	0	0	41.09240	f	2945	0	1	1
1453	202	2941	0	1	61.63997	f	0	0	0	0
1454	202	2941	0	1	61.63997	f	377	0	0	0
1455	203	2890	0	0	37.05681	f	0	0	1	0
1456	203	2890	0	0	37.05681	f	194	0	0	0
1457	203	2890	0	0	37.05681	f	369	0	1	0
1458	203	2890	0	0	37.05681	f	736	0	1	0
1459	203	2890	0	0	37.05681	f	1108	0	0	0
1460	203	2890	0	0	37.05681	f	1549	0	0	0
1461	203	2890	0	0	37.05681	f	1892	0	0	0
1462	203	2890	0	0	37.05681	f	2255	0	0	0
1463	203	2890	0	0	37.05681	f	2627	0	0	0
1464	204	2090	2	0	62.57906	f	0	0	0	0
1465	204	2090	2	0	62.57906	f	176	0	1	0
1466	204	2090	2	0	62.57906	f	362	0	1	0
1467	204	2090	2	0	62.57906	f	722	0	0	0
1468	204	2090	2	0	62.57906	f	1083	0	1	0
1469	204	2090	2	0	62.57906	f	1468	0	0	0
1470	204	2090	2	0	62.57906	f	1915	1	1	1
1471	204	2090	2	0	62.57906	f	2082	NA	NA	NA
1472	205	2081	2	1	48.97741	f	0	1	0	0
1473	205	2081	2	1	48.97741	f	155	0	1	1
1474	205	2081	2	1	48.97741	f	335	1	0	1
1475	205	2081	2	1	48.97741	f	692	1	0	0
1476	205	2081	2	1	48.97741	f	1070	1	0	0
1477	206	2924	0	1	61.99042	f	0	0	0	0
1478	206	2924	0	1	61.99042	f	157	0	0	0
1479	206	2924	0	1	61.99042	f	373	0	0	0
1480	206	2924	0	1	61.99042	f	749	0	0	0
1481	206	2924	0	1	61.99042	f	1115	0	0	0
1482	206	2924	0	1	61.99042	f	1477	0	0	0
1483	206	2924	0	1	61.99042	f	1858	0	0	0
1484	206	2924	0	1	61.99042	f	2198	0	0	0
1485	207	2840	0	1	72.77207	f	0	0	0	0
1486	207	2840	0	1	72.77207	f	179	0	0	0

1487	207	2840	0	1	72.77207	f	372	0	0	0
1488	207	2840	0	1	72.77207	f	742	0	0	0
1489	207	2840	0	1	72.77207	f	1058	0	0	0
1490	207	2840	0	1	72.77207	f	1787	0	0	0
1491	207	2840	0	1	72.77207	f	2185	0	0	0
1492	208	904	2	1	61.29500	f	0	0	1	0
1493	208	904	2	1	61.29500	f	564	0	1	1
1494	208	904	2	1	61.29500	f	868	NA	NA	NA
1495	209	2888	0	0	52.62423	f	0	0	1	1
1496	209	2888	0	0	52.62423	f	217	0	0	0
1497	210	2893	0	0	49.76318	m	0	0	1	0
1498	210	2893	0	0	49.76318	m	176	0	1	0
1499	210	2893	0	0	49.76318	m	347	0	1	0
1500	210	2893	0	0	49.76318	m	747	0	1	0
1501	210	2893	0	0	49.76318	m	1100	0	1	0
1502	210	2893	0	0	49.76318	m	1513	0	1	1
1503	210	2893	0	0	49.76318	m	1779	0	1	1
1504	210	2893	0	0	49.76318	m	2136	0	1	1
1505	210	2893	0	0	49.76318	m	2503	0	1	1
1506	210	2893	0	0	49.76318	m	2867	0	1	1
1507	211	2865	0	0	52.91444	f	0	0	0	0
1508	211	2865	0	0	52.91444	f	326	1	0	1
1509	211	2865	0	0	52.91444	f	753	1	0	0
1510	211	2865	0	0	52.91444	f	1153	0	0	0
1511	211	2865	0	0	52.91444	f	1511	0	0	1
1512	211	2865	0	0	52.91444	f	1854	0	0	0
1513	211	2865	0	0	52.91444	f	2217	0	0	1
1514	211	2865	0	0	52.91444	f	2590	1	0	1
1515	212	2845	0	0	47.26352	f	0	0	0	0
1516	212	2845	0	0	47.26352	f	174	0	0	0
1517	212	2845	0	0	47.26352	f	383	0	0	0
1518	212	2845	0	0	47.26352	f	747	0	0	0
1519	212	2845	0	0	47.26352	f	1168	0	0	0
1520	212	2845	0	0	47.26352	f	1342	0	0	0
1521	213	2189	0	1	50.20397	f	0	0	0	1
1522	213	2189	0	1	50.20397	f	249	0	0	0
1523	214	1786	2	0	69.34702	f	0	0	1	0
1524	214	1786	2	0	69.34702	f	173	0	1	0
1525	214	1786	2	0	69.34702	f	374	0	1	0
1526	214	1786	2	0	69.34702	f	732	1	1	1
1527	215	1080	2	0	41.16906	f	0	0	0	0
1528	215	1080	2	0	41.16906	f	190	0	1	1
1529	215	1080	2	0	41.16906	f	347	1	1	0

1530	215	1080	2	0	41.16906	f	825	NA	NA	NA
1531	216	2336	0	1	59.16496	f	0	0	0	0
1532	216	2336	0	1	59.16496	f	181	0	0	0
1533	216	2336	0	1	59.16496	f	369	0	1	0
1534	216	2336	0	1	59.16496	f	733	0	0	0
1535	216	2336	0	1	59.16496	f	1106	0	0	0
1536	216	2336	0	1	59.16496	f	1456	0	1	0
1537	216	2336	0	1	59.16496	f	1989	0	1	0
1538	217	790	2	0	36.07940	f	0	0	1	0
1539	217	790	2	0	36.07940	f	189	0	1	1
1540	217	790	2	0	36.07940	f	376	1	1	1
1541	217	790	2	0	36.07940	f	725	0	1	1
1542	218	2839	0	1	34.59548	f	0	0	0	0
1543	218	2839	0	1	34.59548	f	177	0	0	0
1544	218	2839	0	1	34.59548	f	321	0	0	0
1545	218	2839	0	1	34.59548	f	692	0	0	0
1546	218	2839	0	1	34.59548	f	1056	0	0	0
1547	218	2839	0	1	34.59548	f	1455	0	0	0
1548	218	2839	0	1	34.59548	f	1763	0	0	0
1549	218	2839	0	1	34.59548	f	2106	0	0	0
1550	218	2839	0	1	34.59548	f	2465	0	0	0
1551	218	2839	0	1	34.59548	f	2834	0	0	0
1552	219	2826	0	0	42.71321	f	0	0	0	0
1553	219	2826	0	0	42.71321	f	214	0	0	0
1554	219	2826	0	0	42.71321	f	359	0	1	0
1555	219	2826	0	0	42.71321	f	730	0	0	0
1556	219	2826	0	0	42.71321	f	1102	0	0	0
1557	219	2826	0	0	42.71321	f	1366	0	0	1
1558	220	1235	2	1	63.63039	f	0	0	0	1
1559	220	1235	2	1	63.63039	f	305	0	0	0
1560	220	1235	2	1	63.63039	f	679	0	0	0
1561	220	1235	2	1	63.63039	f	1002	0	1	0
1562	220	1235	2	1	63.63039	f	1233	NA	NA	NA
1563	221	2719	0	0	56.62971	f	0	0	1	0
1564	221	2719	0	0	56.62971	f	174	0	1	0
1565	221	2719	0	0	56.62971	f	359	0	1	0
1566	221	2719	0	0	56.62971	f	716	0	1	0
1567	221	2719	0	0	56.62971	f	1086	0	1	0
1568	221	2719	0	0	56.62971	f	1469	0	1	1
1569	221	2719	0	0	56.62971	f	2036	0	1	1
1570	221	2719	0	0	56.62971	f	2420	1	1	1
1571	222	597	2	0	46.26420	f	0	0	1	0
1572	222	597	2	0	46.26420	f	180	0	1	0

1573	222	597	2	0	46.26420	f	369	0	1	1
1574	222	597	2	0	46.26420	f	596	NA	NA	NA
1575	223	334	2	1	61.24298	f	0	1	1	0
1576	224	2614	0	1	38.62012	f	0	0	0	0
1577	224	2614	0	1	38.62012	f	183	0	0	0
1578	224	2614	0	1	38.62012	f	363	0	0	0
1579	224	2614	0	1	38.62012	f	769	0	0	0
1580	224	2614	0	1	38.62012	f	1231	0	0	0
1581	224	2614	0	1	38.62012	f	1652	0	0	0
1582	224	2614	0	1	38.62012	f	2056	0	0	0
1583	224	2614	0	1	38.62012	f	2434	0	0	0
1584	225	2691	0	1	38.77070	f	0	0	0	0
1585	225	2691	0	1	38.77070	f	177	0	0	0
1586	225	2691	0	1	38.77070	f	334	0	0	0
1587	225	2691	0	1	38.77070	f	691	0	0	0
1588	225	2691	0	1	38.77070	f	1030	0	0	0
1589	225	2691	0	1	38.77070	f	1399	0	0	1
1590	225	2691	0	1	38.77070	f	1748	0	0	0
1591	225	2691	0	1	38.77070	f	2099	0	0	0
1592	225	2691	0	1	38.77070	f	2490	0	0	0
1593	226	2647	0	0	56.69541	f	0	0	1	0
1594	226	2647	0	0	56.69541	f	203	0	1	0
1595	226	2647	0	0	56.69541	f	418	0	1	0
1596	226	2647	0	0	56.69541	f	787	0	1	0
1597	226	2647	0	0	56.69541	f	1125	0	1	0
1598	226	2647	0	0	56.69541	f	1483	0	1	0
1599	226	2647	0	0	56.69541	f	1880	0	0	0
1600	226	2647	0	0	56.69541	f	2275	0	0	0
1601	226	2647	0	0	56.69541	f	2643	0	0	0
1602	227	999	2	1	58.95140	m	0	0	0	0
1603	227	999	2	1	58.95140	m	371	0	0	0
1604	227	999	2	1	58.95140	m	691	0	1	0
1605	227	999	2	1	58.95140	m	996	NA	NA	NA
1606	228	2636	0	0	36.92266	f	0	0	0	0
1607	228	2636	0	0	36.92266	f	217	0	1	0
1608	228	2636	0	0	36.92266	f	356	0	1	0
1609	228	2636	0	0	36.92266	f	889	0	0	0
1610	229	348	2	1	62.41478	f	0	1	1	0
1611	229	348	2	1	62.41478	f	182	0	1	0
1612	229	348	2	1	62.41478	f	335	1	1	0
1613	230	2648	0	0	34.60917	f	0	0	1	1
1614	230	2648	0	0	34.60917	f	211	0	1	1
1615	230	2648	0	0	34.60917	f	368	0	1	1

1616	230	2648	0	0	34.60917	f	760	0	1	1
1617	231	1165	2	0	58.33539	f	0	0	1	1
1618	231	1165	2	0	58.33539	f	205	0	1	1
1619	231	1165	2	0	58.33539	f	433	1	1	1
1620	231	1165	2	0	58.33539	f	797	1	1	1
1621	232	2620	0	1	50.18207	f	0	0	1	0
1622	232	2620	0	1	50.18207	f	243	0	0	0
1623	232	2620	0	1	50.18207	f	376	0	0	0
1624	232	2620	0	1	50.18207	f	890	0	0	0
1625	233	2601	0	1	42.68583	f	0	0	1	1
1626	234	2445	0	0	34.37919	f	0	0	0	0
1627	234	2445	0	0	34.37919	f	179	0	0	0
1628	235	2302	1	0	33.18275	f	0	0	1	0
1629	235	2302	1	0	33.18275	f	190	0	1	1
1630	236	2577	0	1	38.38193	f	0	0	1	1
1631	236	2577	0	1	38.38193	f	431	NA	1	1
1632	237	1947	1	1	59.76181	f	0	0	1	0
1633	237	1947	1	1	59.76181	f	386	0	1	0
1634	238	1874	2	0	66.41205	f	0	0	0	0
1635	238	1874	2	0	66.41205	f	189	0	1	0
1636	238	1874	2	0	66.41205	f	376	0	1	0
1637	239	694	2	1	46.78987	f	0	0	1	1
1638	239	694	2	1	46.78987	f	231	1	1	1
1639	239	694	2	1	46.78987	f	689	NA	NA	NA
1640	240	2500	0	1	56.07940	f	0	0	0	0
1641	240	2500	0	1	56.07940	f	161	0	1	0
1642	240	2500	0	1	56.07940	f	353	0	0	0
1643	240	2500	0	1	56.07940	f	717	0	0	0
1644	240	2500	0	1	56.07940	f	1090	0	1	1
1645	240	2500	0	1	56.07940	f	1440	0	1	1
1646	240	2500	0	1	56.07940	f	1873	0	0	0
1647	240	2500	0	1	56.07940	f	2202	0	0	0
1648	241	837	1	0	41.37440	f	0	0	1	1
1649	241	837	1	0	41.37440	f	320	0	1	1
1650	241	837	1	0	41.37440	f	368	0	1	1
1651	241	837	1	0	41.37440	f	746	1	1	1
1652	242	2128	2	1	64.57221	f	0	0	1	0
1653	242	2128	2	1	64.57221	f	179	0	1	1
1654	242	2128	2	1	64.57221	f	374	0	1	1
1655	242	2128	2	1	64.57221	f	741	0	1	1
1656	242	2128	2	1	64.57221	f	1109	0	1	1
1657	242	2128	2	1	64.57221	f	1453	1	1	1
1658	242	2128	2	1	64.57221	f	1817	1	1	1

1659	242	2128	2	1	64.57221	f	2008	NA	NA	NA
1660	243	930	2	0	67.48802	f	0	0	1	0
1661	243	930	2	0	67.48802	f	183	0	1	0
1662	244	1690	2	1	44.82957	f	0	0	0	1
1663	244	1690	2	1	44.82957	f	385	0	0	0
1664	244	1690	2	1	44.82957	f	751	0	0	0
1665	244	1690	2	1	44.82957	f	1211	0	1	0
1666	245	2459	0	0	45.77139	f	0	0	1	0
1667	245	2459	0	0	45.77139	f	442	0	1	0
1668	246	1435	1	1	32.95003	f	0	0	1	0
1669	246	1435	1	1	32.95003	f	234	0	0	0
1670	246	1435	1	1	32.95003	f	444	0	1	0
1671	246	1435	1	1	32.95003	f	808	0	1	0
1672	246	1435	1	1	32.95003	f	1095	0	1	1
1673	246	1435	1	1	32.95003	f	1434	0	1	1
1674	247	940	1	1	41.22108	f	0	0	1	0
1675	247	940	1	1	41.22108	f	259	0	1	0
1676	247	940	1	1	41.22108	f	367	0	1	0
1677	247	940	1	1	41.22108	f	731	0	1	0
1678	248	2454	0	0	55.41684	f	0	0	1	0
1679	248	2454	0	0	55.41684	f	204	0	1	0
1680	248	2454	0	0	55.41684	f	384	0	1	0
1681	248	2454	0	0	55.41684	f	735	0	1	0
1682	248	2454	0	0	55.41684	f	925	0	1	0
1683	248	2454	0	0	55.41684	f	1140	0	1	1
1684	248	2454	0	0	55.41684	f	1526	0	1	0
1685	248	2454	0	0	55.41684	f	2204	0	1	0
1686	249	2452	0	1	47.98084	f	0	0	0	1
1687	249	2452	0	1	47.98084	f	183	0	1	1
1688	249	2452	0	1	47.98084	f	382	0	1	1
1689	250	2327	1	0	40.79124	f	0	0	1	0
1690	250	2327	1	0	40.79124	f	446	0	1	0
1691	251	2307	0	1	56.97467	f	0	0	0	0
1692	252	2439	0	1	68.46270	f	0	0	1	1
1693	252	2439	0	1	68.46270	f	205	0	1	0
1694	252	2439	0	1	68.46270	f	342	0	1	1
1695	253	2434	0	1	78.43943	m	0	1	1	1
1696	253	2434	0	1	78.43943	m	185	0	1	1
1697	253	2434	0	1	78.43943	m	393	1	1	1
1698	253	2434	0	1	78.43943	m	737	1	1	1
1699	253	2434	0	1	78.43943	m	1150	1	1	1
1700	253	2434	0	1	78.43943	m	1500	1	1	1
1701	253	2434	0	1	78.43943	m	1862	1	1	1

1702	253	2434	0	1	78.43943	m	2269	1	1	1
1703	254	737	1	1	39.85763	f	0	0	1	1
1704	254	737	1	1	39.85763	f	182	0	1	0
1705	254	737	1	1	39.85763	f	396	0	1	1
1706	254	737	1	1	39.85763	f	656	1	1	1
1707	255	2405	0	0	35.31006	f	0	0	1	1
1708	255	2405	0	0	35.31006	f	181	0	0	1
1709	255	2405	0	0	35.31006	f	372	0	1	1
1710	255	2405	0	0	35.31006	f	734	0	1	1
1711	255	2405	0	0	35.31006	f	1302	0	1	1
1712	255	2405	0	0	35.31006	f	1827	0	0	1
1713	256	2370	0	1	31.44422	f	0	0	0	0
1714	256	2370	0	1	31.44422	f	197	0	0	0
1715	256	2370	0	1	31.44422	f	358	0	0	1
1716	256	2370	0	1	31.44422	f	784	0	1	1
1717	256	2370	0	1	31.44422	f	1112	0	1	1
1718	256	2370	0	1	31.44422	f	1359	0	1	0
1719	257	2283	0	1	58.26420	f	0	0	0	0
1720	257	2283	0	1	58.26420	f	168	0	0	0
1721	257	2283	0	1	58.26420	f	361	0	0	0
1722	258	2371	0	1	51.48802	f	0	0	0	0
1723	258	2371	0	1	51.48802	f	200	0	0	0
1724	258	2371	0	1	51.48802	f	333	0	0	0
1725	258	2371	0	1	51.48802	f	718	0	0	0
1726	258	2371	0	1	51.48802	f	1089	0	0	0
1727	258	2371	0	1	51.48802	f	1460	0	0	0
1728	258	2371	0	1	51.48802	f	1831	0	1	0
1729	258	2371	0	1	51.48802	f	2195	0	1	0
1730	259	2284	0	0	59.96988	f	0	0	1	0
1731	259	2284	0	0	59.96988	f	385	0	1	0
1732	259	2284	0	0	59.96988	f	753	0	1	0
1733	259	2284	0	0	59.96988	f	1120	1	1	0
1734	259	2284	0	0	59.96988	f	1979	1	0	0
1735	260	1674	2	0	74.52430	m	0	0	1	0
1736	261	2348	0	0	52.36413	f	0	0	1	1
1737	261	2348	0	0	52.36413	f	184	0	1	1
1738	261	2348	0	0	52.36413	f	650	0	1	1
1739	261	2348	0	0	52.36413	f	1083	0	1	1
1740	261	2348	0	0	52.36413	f	1426	0	1	1
1741	261	2348	0	0	52.36413	f	1883	0	0	0
1742	262	1850	1	0	42.78713	f	0	0	1	0
1743	262	1850	1	0	42.78713	f	216	0	1	1
1744	262	1850	1	0	42.78713	f	447	0	1	0

1745	263	1303	1	0	34.87474	f	0	0	1	1
1746	263	1303	1	0	34.87474	f	190	0	1	0
1747	263	1303	1	0	34.87474	f	371	0	1	0
1748	263	1303	1	0	34.87474	f	840	0	1	0
1749	263	1303	1	0	34.87474	f	1182	0	1	0
1750	264	1542	1	0	44.13963	f	0	0	1	1
1751	264	1542	1	0	44.13963	f	208	0	0	0
1752	264	1542	1	0	44.13963	f	363	0	1	1
1753	264	1542	1	0	44.13963	f	720	0	0	0
1754	265	1084	1	0	46.38193	f	0	0	1	0
1755	265	1084	1	0	46.38193	f	184	0	1	0
1756	265	1084	1	0	46.38193	f	376	0	1	0
1757	265	1084	1	0	46.38193	f	720	1	1	1
1758	266	2287	0	1	56.30938	f	0	0	0	0
1759	266	2287	0	1	56.30938	f	193	0	0	0
1760	266	2287	0	1	56.30938	f	360	0	0	0
1761	266	2287	0	1	56.30938	f	906	0	0	0
1762	266	2287	0	1	56.30938	f	1452	0	0	0
1763	266	2287	0	1	56.30938	f	1750	0	0	0
1764	266	2287	0	1	56.30938	f	2121	0	0	0
1765	267	179	2	1	70.90760	f	0	1	1	1
1766	268	1191	2	1	55.39493	f	0	1	1	0
1767	268	1191	2	1	55.39493	f	164	0	1	0
1768	269	1898	2	0	45.08419	f	0	0	0	0
1769	269	1898	2	0	45.08419	f	182	0	0	1
1770	269	1898	2	0	45.08419	f	375	0	1	0
1771	269	1898	2	0	45.08419	f	655	0	1	0
1772	269	1898	2	0	45.08419	f	1015	0	1	1
1773	269	1898	2	0	45.08419	f	1390	0	1	1
1774	269	1898	2	0	45.08419	f	1749	0	1	1
1775	270	2010	1	1	26.27789	f	0	0	1	1
1776	270	2010	1	1	26.27789	f	716	0	1	1
1777	270	2010	1	1	26.27789	f	1910	0	1	1
1778	271	2238	0	0	50.47228	f	0	0	1	0
1779	271	2238	0	0	50.47228	f	186	0	1	0
1780	271	2238	0	0	50.47228	f	357	0	0	0
1781	271	2238	0	0	50.47228	f	728	0	0	0
1782	271	2238	0	0	50.47228	f	1113	0	0	0
1783	271	2238	0	0	50.47228	f	1478	0	0	0
1784	271	2238	0	0	50.47228	f	1848	0	1	0
1785	271	2238	0	0	50.47228	f	2192	0	1	0
1786	272	2194	0	1	38.39836	f	0	0	0	0
1787	272	2194	0	1	38.39836	f	156	0	0	0

1788	272	2194	0	1	38.39836	f	355	0	0	0
1789	272	2194	0	1	38.39836	f	727	0	0	0
1790	272	2194	0	1	38.39836	f	1134	0	0	1
1791	272	2194	0	1	38.39836	f	1545	0	0	1
1792	273	1649	1	0	47.41958	f	0	0	0	1
1793	273	1649	1	0	47.41958	f	241	0	1	1
1794	273	1649	1	0	47.41958	f	416	0	1	1
1795	274	1447	1	1	47.98084	f	0	0	0	0
1796	274	1447	1	1	47.98084	f	231	0	0	1
1797	274	1447	1	1	47.98084	f	414	0	0	1
1798	274	1447	1	1	47.98084	f	755	0	1	1
1799	274	1447	1	1	47.98084	f	1362	0	1	1
1800	275	2020	0	1	38.31622	f	0	0	0	0
1801	275	2020	0	1	38.31622	f	512	0	0	0
1802	275	2020	0	1	38.31622	f	868	0	1	1
1803	275	2020	0	1	38.31622	f	1301	0	1	1
1804	276	2147	0	1	50.10815	f	0	0	0	0
1805	276	2147	0	1	50.10815	f	207	0	0	0
1806	277	2105	0	0	35.08830	f	0	0	0	0
1807	277	2105	0	0	35.08830	f	218	0	0	0
1808	277	2105	0	0	35.08830	f	358	0	1	0
1809	277	2105	0	0	35.08830	f	743	0	0	0
1810	277	2105	0	0	35.08830	f	1065	0	1	0
1811	278	1996	1	0	32.50376	f	0	0	0	0
1812	278	1996	1	0	32.50376	f	182	0	1	1
1813	278	1996	1	0	32.50376	f	308	0	1	0
1814	278	1996	1	0	32.50376	f	516	0	1	1
1815	278	1996	1	0	32.50376	f	713	0	1	0
1816	279	2102	0	0	56.15332	f	0	0	0	0
1817	279	2102	0	0	56.15332	f	161	0	1	0
1818	279	2102	0	0	56.15332	f	349	0	0	0
1819	279	2102	0	0	56.15332	f	728	0	0	0
1820	279	2102	0	0	56.15332	f	980	0	0	0
1821	279	2102	0	0	56.15332	f	1383	0	0	0
1822	279	2102	0	0	56.15332	f	1791	0	0	0
1823	280	2081	0	1	46.15469	f	0	0	0	0
1824	280	2081	0	1	46.15469	f	169	0	0	0
1825	280	2081	0	1	46.15469	f	355	0	0	0
1826	280	2081	0	1	46.15469	f	734	0	0	0
1827	280	2081	0	1	46.15469	f	1096	0	0	0
1828	280	2081	0	1	46.15469	f	1469	0	0	0
1829	280	2081	0	1	46.15469	f	1838	0	0	0
1830	281	41	2	1	65.88364	f	0	1	0	0

1831	282	1673	1	0	33.94387	f	0	0	1	0
1832	282	1673	1	0	33.94387	f	258	0	0	0
1833	282	1673	1	0	33.94387	f	370	0	1	1
1834	282	1673	1	0	33.94387	f	744	0	1	1
1835	283	2095	0	0	62.86105	f	0	0	0	0
1836	283	2095	0	0	62.86105	f	179	0	0	0
1837	283	2095	0	0	62.86105	f	371	0	0	1
1838	283	2095	0	0	62.86105	f	711	0	0	0
1839	284	2087	0	0	48.56400	f	0	0	0	0
1840	284	2087	0	0	48.56400	f	181	0	0	0
1841	284	2087	0	0	48.56400	f	377	0	0	0
1842	284	2087	0	0	48.56400	f	787	0	0	0
1843	284	2087	0	0	48.56400	f	1067	0	0	0
1844	284	2087	0	0	48.56400	f	1452	0	0	0
1845	284	2087	0	0	48.56400	f	1838	0	0	0
1846	285	2070	0	1	46.34908	f	0	0	0	0
1847	286	2077	0	1	38.85284	f	0	0	1	1
1848	286	2077	0	1	38.85284	f	190	0	1	0
1849	287	1552	0	1	58.64750	f	0	0	0	1
1850	287	1552	0	1	58.64750	f	191	0	1	0
1851	287	1552	0	1	58.64750	f	393	1	1	0
1852	287	1552	0	1	58.64750	f	772	0	1	0
1853	288	1067	1	0	48.93634	f	0	0	1	0
1854	288	1067	1	0	48.93634	f	199	0	1	0
1855	289	799	2	1	67.57290	m	0	0	1	0
1856	289	799	2	1	67.57290	m	209	0	1	0
1857	289	799	2	1	67.57290	m	388	0	0	0
1858	289	799	2	1	67.57290	m	798	NA	NA	NA
1859	290	2032	0	1	65.98494	f	0	0	0	0
1860	290	2032	0	1	65.98494	f	204	0	0	0
1861	290	2032	0	1	65.98494	f	389	0	0	0
1862	290	2032	0	1	65.98494	f	726	0	1	0
1863	290	2032	0	1	65.98494	f	1091	0	1	0
1864	290	2032	0	1	65.98494	f	1460	0	1	0
1865	290	2032	0	1	65.98494	f	1824	0	1	0
1866	291	901	1	1	40.90075	f	0	0	0	0
1867	291	901	1	1	40.90075	f	142	0	1	0
1868	291	901	1	1	40.90075	f	375	0	0	0
1869	291	901	1	1	40.90075	f	700	1	0	0
1870	291	901	1	1	40.90075	f	881	1	0	0
1871	292	1785	2	0	50.24504	m	0	0	1	0
1872	292	1785	2	0	50.24504	m	183	0	1	0
1873	292	1785	2	0	50.24504	m	1266	0	1	1

1874	293	1989	0	0	57.19644	f	0	0	1	1
1875	293	1989	0	0	57.19644	f	196	0	1	1
1876	294	1971	0	1	60.53662	m	0	0	1	0
1877	294	1971	0	1	60.53662	m	275	0	1	0
1878	294	1971	0	1	60.53662	m	465	0	1	0
1879	294	1971	0	1	60.53662	m	847	0	1	1
1880	294	1971	0	1	60.53662	m	1385	0	0	1
1881	294	1971	0	1	60.53662	m	1750	1	0	1
1882	294	1971	0	1	60.53662	m	1933	NA	NA	NA
1883	295	875	1	1	35.35113	m	0	0	0	0
1884	295	875	1	1	35.35113	m	243	0	0	0
1885	296	1990	0	0	31.38125	f	0	0	0	0
1886	296	1990	0	0	31.38125	f	176	0	0	0
1887	296	1990	0	0	31.38125	f	344	0	0	0
1888	297	533	1	1	55.98631	m	0	0	1	0
1889	297	533	1	1	55.98631	m	159	1	1	0
1890	297	533	1	1	55.98631	m	351	1	1	0
1891	298	1969	0	0	52.72553	f	0	0	1	0
1892	298	1969	0	0	52.72553	f	214	0	NA	0
1893	298	1969	0	0	52.72553	f	362	0	1	1
1894	299	1962	0	1	38.09172	f	0	0	0	0
1895	300	207	2	0	58.17112	f	0	0	1	0
1896	300	207	2	0	58.17112	f	145	1	1	0
1897	301	1969	0	0	45.21013	f	0	0	0	0
1898	301	1969	0	0	45.21013	f	180	0	0	0
1899	301	1969	0	0	45.21013	f	463	0	1	0
1900	302	1940	0	1	37.79877	f	0	0	0	0
1901	302	1940	0	1	37.79877	f	388	0	0	0
1902	302	1940	0	1	37.79877	f	746	0	0	0
1903	302	1940	0	1	37.79877	f	1222	0	0	0
1904	302	1940	0	1	37.79877	f	1797	0	0	0
1905	303	1597	2	0	60.65982	f	0	0	1	1
1906	303	1597	2	0	60.65982	f	215	0	1	1
1907	303	1597	2	0	60.65982	f	441	0	1	1
1908	303	1597	2	0	60.65982	f	1357	1	1	1
1909	304	1899	0	1	35.53457	f	0	0	0	0
1910	305	1885	0	0	43.06639	f	0	0	1	1
1911	305	1885	0	0	43.06639	f	211	0	0	1
1912	305	1885	0	0	43.06639	f	495	0	1	1
1913	305	1885	0	0	43.06639	f	851	0	1	1
1914	305	1885	0	0	43.06639	f	1233	0	1	1
1915	306	1885	0	0	56.39151	f	0	0	1	0
1916	306	1885	0	0	56.39151	f	180	0	1	0

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1917 307   1818        0     0 30.57358     f    0         0        0         0
1918 307   1818        0     0 30.57358     f  158         0        0         0
1919 307   1818        0     0 30.57358     f  358         0        0         0
1920 307   1818        0     0 30.57358     f  730         0        0         1
1921 307   1818        0     0 30.57358     f 1142         0        0         1
1922 308   1822        0     1 61.18275     f    0         0        1         0
1923 308   1822        0     1 61.18275     f  271         0        1         0
1924 308   1822        0     1 61.18275     f  369         0        0         1
1925 308   1822        0     1 61.18275     f  746         0        1         0
1926 308   1822        0     1 61.18275     f 1145         0        1         0
1927 309   1663        0     0 58.29979     f    0         0        0         0
1928 309   1663        0     0 58.29979     f  185         0        0         0
1929 309   1663        0     0 58.29979     f  385         0        0         0
1930 309   1663        0     0 58.29979     f  931         0        0         0
1931 309   1663        0     0 58.29979     f 1288         0        0         0
1932 310   1608        0     1 62.33265     f    0         0        0         0
1933 310   1608        0     1 62.33265     f  260         0        0         0
1934 310   1608        0     1 62.33265     f  623         0        1         0
1935 310   1608        0     1 62.33265     f  988         0        1         0
1936 310   1608        0     1 62.33265     f 1353         0        1         0
1937 311   1508        0     1 37.99863     f    0         0        0         0
1938 311   1508        0     1 37.99863     f  187         0       NA        NA
1939 311   1508        0     1 37.99863     f  397         0        0         0
1940 311   1508        0     1 37.99863     f 1098         0        0         0
1941 312   1457        0     0 33.15264     f    0         0        0         1
1942 312   1457        0     0 33.15264     f  206         0        0         0
1943 312   1457        0     0 33.15264     f  390         0        0         0
1944 312   1457        0     0 33.15264     f  775         0        0         1
1945 312   1457        0     0 33.15264     f 1075         0        0         1
     edema.x bili.x chol.x albumin.x alk.phos.x  ast.x platelet.x protime.x
1        1.0   14.5    261      2.60       1718  138.0        190      12.2
2        1.0   21.3     NA      2.94       1612    6.2        183      11.2
3        0.0    1.1    302      4.14       7395  113.5        221      10.6
4        0.0    0.8     NA      3.60       2107  139.5        188      11.0
5        0.0    1.0     NA      3.55       1711  144.2        161      11.6
6        0.0    1.9     NA      3.92       1365  144.2        122      10.6
7        0.5    2.6    230      3.32       1110  131.8        135      11.3
8        1.0    3.6     NA      2.92        996  131.8        100      11.5
9        1.0    4.2     NA      2.73        860  145.7        103      11.5
10       1.0    3.6    244      2.80        779  119.0        113      11.5
11       1.0    4.6    237      2.67        669   88.0        100      11.5
12       0.5    1.4    176      3.48        516   96.1        151      12.0
13       0.0    1.1     NA      3.29        353   69.8        160      12.0
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14	0.5	1.5	233	3.57	218	57.4	107	12.0
15	0.5	1.8	185	3.25	447	88.4	109	13.3
16	0.5	1.8	244	2.54	6122	60.6	183	10.3
17	0.5	1.6	NA	2.88	1175	169.0	240	19.0
18	0.5	1.7	NA	2.80	1157	165.9	251	11.6
19	1.0	3.2	NA	2.92	1178	167.4	220	10.8
20	1.0	3.7	293	2.59	1067	204.6	338	13.7
21	1.0	4.0	NA	2.59	1035	162.8	200	12.8
22	1.0	5.3	140	1.83	623	131.8	101	17.0
23	0.0	3.4	279	3.53	671	113.2	136	10.9
24	0.0	1.9	NA	3.28	689	103.9	114	10.7
25	0.5	2.5	NA	3.34	652	117.8	99	10.5
26	1.0	5.7	190	3.09	554	172.1	90	11.4
27	1.0	5.2	198	3.02	588	170.0	82	11.3
28	0.5	19.0	91	2.09	377	156.0	101	13.9
29	0.0	0.8	248	3.98	944	93.0	NA	11.0
30	0.0	0.8	NA	3.91	605	65.1	297	11.2
31	0.0	0.9	NA	3.86	545	52.7	296	11.2
32	0.0	0.7	NA	3.51	783	66.7	296	10.9
33	0.0	0.6	268	3.79	682	60.0	264	10.5
34	0.0	0.7	NA	4.20	NA	60.0	NA	10.5
35	0.0	1.0	322	4.09	824	60.5	204	9.7
36	0.0	1.2	261	4.23	740	67.0	192	10.7
37	0.0	0.8	NA	3.47	813	59.0	204	10.7
38	0.0	1.0	278	4.19	732	60.0	164	10.3
39	0.0	1.2	258	4.19	693	63.0	173	10.9
40	0.0	1.2	269	3.59	574	64.0	121	11.4
41	0.0	1.4	260	3.59	448	54.0	114	12.0
42	0.0	0.3	280	4.00	4651	28.4	373	11.0
43	0.0	0.5	NA	3.86	1044	119.4	362	10.0
44	0.0	0.7	NA	4.04	1148	139.5	369	10.8
45	0.0	0.7	NA	3.55	1316	142.6	388	10.7
46	0.0	0.9	NA	3.69	1199	170.5	322	10.6
47	0.0	1.3	NA	3.08	1672	201.5	229	10.9
48	0.0	1.8	307	2.93	1968	167.4	232	10.8
49	0.5	5.4	341	2.47	1203	120.9	238	11.3
50	0.0	3.2	562	3.08	2276	144.2	251	11.0
51	0.0	7.0	NA	3.64	3388	212.4	269	12.5
52	0.0	4.2	562	3.10	2508	175.2	252	11.2
53	0.0	13.5	1315	2.87	4908	260.4	250	14.1
54	0.0	12.0	NA	2.96	3888	251.1	331	11.5
55	0.5	16.2	NA	2.99	3355	331.7	195	11.5
56	1.0	14.8	418	2.41	2268	221.7	161	13.0

57	1.0	12.6	200	2.74	918	147.3	302	11.5
58	0.0	1.4	259	4.16	1104	79.1	258	12.0
59	0.0	1.2	NA	3.71	900	117.8	285	12.0
60	0.0	1.5	NA	3.71	1063	86.8	265	11.0
61	0.0	2.2	NA	4.11	1112	128.7	244	12.3
62	0.0	2.0	NA	4.23	886	114.7	187	11.7
63	0.0	2.1	222	3.58	874	133.3	155	12.0
64	0.0	3.4	NA	3.60	750	114.7	135	12.2
65	0.0	3.2	NA	3.38	584	99.2	108	11.8
66	0.5	3.6	208	2.83	450	99.0	85	11.8
67	1.0	4.6	236	2.61	543	107.0	77	12.8
68	1.0	3.7	195	2.60	506	106.0	92	13.1
69	1.0	9.6	NA	2.31	660	121.0	132	15.1
70	0.0	3.6	236	3.52	591	82.2	71	13.6
71	0.5	10.0	NA	3.00	737	114.7	98	14.1
72	0.0	0.7	281	3.85	1181	88.4	244	10.6
73	0.0	0.6	NA	3.75	1157	127.1	245	10.6
74	0.0	0.8	NA	3.81	1612	113.2	246	10.0
75	0.0	1.2	NA	3.59	1525	138.0	217	9.2
76	0.0	1.0	NA	3.49	1346	103.9	247	9.1
77	0.0	1.1	372	3.39	1350	69.8	233	9.5
78	0.0	0.9	347	3.41	1303	69.0	197	9.5
79	0.0	1.1	395	3.80	1151	92.0	222	9.8
80	0.0	1.6	260	3.42	1161	92.0	218	10.1
81	0.0	1.1	320	3.14	901	60.0	241	10.8
82	0.0	1.9	351	3.56	1088	101.0	207	10.8
83	0.0	1.2	221	4.26	751	72.0	176	10.2
84	1.0	0.8	NA	2.27	728	71.0	156	11.0
85	0.5	1.1	NA	2.51	850	76.0	137	11.0
86	1.0	0.8	190	2.65	605	86.0	123	11.9
87	1.0	0.6	NA	2.55	429	72.0	96	11.9
88	0.5	0.7	NA	2.26	430	34.0	133	11.7
89	0.5	1.2	193	2.39	610	71.0	101	11.7
90	0.5	0.9	NA	2.39	NA	71.0	NA	11.9
91	0.0	0.8	231	3.87	9010	127.7	295	11.0
92	0.0	0.4	NA	3.64	1690	86.8	235	10.4
93	0.0	0.8	NA	4.18	1548	99.2	268	10.4
94	0.0	0.7	NA	3.60	1589	88.4	221	10.1
95	0.0	0.7	NA	3.56	1544	117.8	272	10.0
96	0.0	1.2	NA	3.72	1648	117.8	190	9.8
97	0.0	2.1	250	3.10	1453	91.5	181	10.4
98	0.0	3.3	NA	3.01	1705	127.1	184	10.7
99	1.0	3.7	169	2.54	616	80.6	196	10.5

100	1.0	6.0	219	2.47	1273	114.0	98	10.7
101	1.0	11.4	NA	2.40	NA	114.0	NA	13.0
102	0.0	0.7	204	3.66	685	72.9	198	10.8
103	0.0	0.5	NA	3.64	517	74.4	280	11.1
104	0.0	0.6	NA	4.13	521	82.2	253	11.7
105	0.0	0.7	214	3.55	618	83.7	230	11.0
106	0.0	0.6	NA	3.68	810	105.4	289	10.0
107	0.0	0.6	NA	3.80	666	93.0	317	10.1
108	0.0	0.8	202	3.65	630	88.4	209	9.7
109	0.0	0.8	215	3.58	617	66.0	210	10.3
110	0.0	0.6	225	3.94	611	56.0	229	11.1
111	0.0	0.8	214	3.29	744	75.0	244	10.7
112	0.0	0.7	246	3.64	1050	112.0	243	11.1
113	0.0	0.9	270	3.59	827	105.0	219	11.4
114	0.0	0.9	306	3.51	1004	120.0	231	11.8
115	0.0	2.7	274	3.15	1533	117.8	224	10.5
116	1.0	4.5	266	3.30	1255	202.0	216	10.6
117	1.0	13.6	246	2.44	539	141.0	322	12.1
118	1.0	11.4	178	2.80	961	280.6	283	12.4
119	0.5	0.7	235	3.56	1881	93.0	209	11.0
120	0.0	0.5	NA	4.00	942	46.5	215	11.2
121	0.0	0.5	205	4.11	783	58.9	205	10.4
122	0.0	0.5	NA	4.46	693	49.6	191	10.4
123	0.0	0.3	NA	4.30	912	60.5	218	10.2
124	0.0	0.4	NA	3.92	872	86.8	181	9.7
125	0.0	0.5	NA	3.73	910	55.8	224	9.9
126	0.0	0.5	NA	3.25	850	37.2	199	9.7
127	0.0	0.5	197	3.65	717	35.0	165	10.4
128	0.0	0.5	196	4.11	901	48.0	182	10.6
129	0.0	0.5	201	3.39	998	57.0	178	10.3
130	0.0	0.8	198	3.45	1234	73.0	233	10.8
131	0.0	0.8	206	3.53	987	75.0	181	11.7
132	0.0	0.9	218	3.71	997	67.0	195	11.6
133	0.0	0.8	197	3.30	798	59.0	162	11.9
134	0.0	5.1	374	3.51	1919	122.5	322	13.0
135	0.0	15.3	NA	3.42	2172	156.6	437	11.0
136	0.0	11.1	NA	3.12	2172	156.6	506	10.7
137	0.0	32.0	NA	2.40	NA	156.6	NA	19.0
138	0.0	0.6	252	3.83	843	65.1	336	11.4
139	0.0	0.6	NA	3.74	810	76.0	328	11.6
140	0.0	0.6	NA	3.60	843	65.1	238	11.2
141	0.0	1.2	NA	3.47	1377	113.2	218	10.9
142	0.0	1.7	NA	3.20	1211	99.2	294	11.6

143	0.0	1.7	NA	3.22	1150	148.8	160	11.6
144	0.0	2.4	214	2.88	882	144.0	160	11.7
145	0.0	3.3	NA	2.63	769	146.0	128	12.5
146	0.0	3.2	202	2.74	710	105.0	103	13.1
147	0.0	3.7	NA	2.54	575	103.0	119	13.3
148	1.0	3.3	129	2.14	470	73.0	95	14.1
149	1.0	7.8	NA	2.40	NA	73.0	NA	13.8
150	0.0	3.4	271	3.63	1376	120.9	173	11.6
151	0.5	2.1	NA	2.77	1820	116.3	137	11.1
152	0.5	2.4	NA	2.37	1756	148.8	182	11.7
153	1.0	17.4	395	2.94	6065	227.0	214	11.7
154	1.0	19.5	NA	2.45	949	167.4	252	21.0
155	0.0	2.1	456	4.00	5719	221.9	70	9.9
156	0.0	1.9	NA	4.13	1089	131.8	264	10.3
157	0.0	3.3	NA	3.69	1016	131.8	286	11.0
158	0.0	3.9	NA	3.77	1024	153.5	323	10.3
159	0.0	3.8	NA	4.57	984	254.2	341	10.7
160	0.0	3.6	NA	3.66	909	119.4	317	9.6
161	0.0	4.0	NA	3.71	1365	204.6	289	9.6
162	0.0	4.9	NA	3.54	1232	198.4	313	10.4
163	0.0	4.2	NA	3.09	1030	207.7	296	10.4
164	0.0	5.7	307	3.43	904	193.0	311	9.8
165	0.0	10.2	394	3.17	1019	259.0	242	10.9
166	0.0	9.7	310	3.63	826	268.0	204	10.8
167	0.5	16.8	126	1.56	836	229.0	252	11.6
168	0.0	0.7	298	4.10	661	107.0	324	11.3
169	0.0	0.5	NA	3.93	589	328.6	285	10.3
170	0.0	0.6	NA	3.70	373	43.4	264	10.4
171	0.0	0.5	NA	3.83	649	88.4	219	10.1
172	0.0	0.7	NA	3.61	595	93.0	188	12.6
173	0.0	0.4	NA	3.81	438	46.5	150	9.4
174	0.0	0.5	NA	3.56	548	85.3	209	9.9
175	0.0	0.4	278	3.16	661	77.5	208	9.7
176	0.0	0.5	257	3.46	552	45.0	170	9.8
177	0.0	0.6	285	3.45	838	72.0	110	10.7
178	0.0	0.5	260	3.37	1020	67.0	98	10.9
179	0.0	0.7	NA	2.83	1560	75.0	148	10.7
180	0.0	5.2	1128	3.68	3228	165.9	421	9.9
181	0.0	6.6	NA	2.87	3846	196.9	443	11.4
182	0.0	5.8	NA	2.94	2920	210.8	302	10.4
183	0.5	6.0	634	2.60	2466	207.7	360	11.6
184	1.0	9.0	508	2.54	2061	241.0	272	10.4
185	1.0	16.2	NA	1.81	NA	241.0	NA	12.5

186	0.5	21.6	175	3.31	3697	101.9	80	12.0
187	1.0	17.2	222	3.23	1975	189.1	144	13.0
188	1.0	15.0	NA	3.03	1485	164.3	155	13.0
189	1.0	21.3	NA	2.59	1257	162.8	143	13.0
190	0.0	0.7	370	3.78	5833	73.5	390	10.6
191	0.0	0.7	NA	3.90	1228	103.9	335	11.0
192	0.0	0.6	NA	3.90	1078	164.3	280	11.0
193	0.0	0.5	NA	3.74	904	69.8	264	10.1
194	0.0	0.5	NA	3.74	1102	96.1	290	10.6
195	0.0	0.6	NA	3.27	1112	119.4	302	9.9
196	0.0	0.8	NA	3.32	595	110.1	272	9.9
197	0.0	1.0	NA	3.44	1237	99.2	247	9.7
198	1.0	2.2	261	2.60	836	117.0	144	11.3
199	1.0	1.4	242	2.47	830	73.0	163	12.4
200	0.0	3.6	260	2.54	7277	121.3	124	11.0
201	0.5	15.2	NA	2.90	2432	206.2	272	21.0
202	0.5	36.0	NA	2.90	1904	300.7	116	13.1
203	0.0	4.7	296	3.44	9933	206.4	195	10.3
204	0.0	2.9	NA	3.90	1617	241.8	196	11.0
205	0.0	0.9	NA	4.28	1673	218.6	260	11.0
206	0.0	3.1	NA	4.56	1268	198.4	316	10.1
207	0.0	3.2	NA	4.48	1236	240.3	327	10.7
208	0.0	2.7	NA	4.19	1212	215.5	282	9.6
209	0.0	2.2	NA	3.96	742	224.8	297	9.4
210	0.0	1.8	NA	3.89	742	224.8	244	9.9
211	0.0	1.9	NA	3.04	875	244.9	289	10.1
212	0.0	2.8	267	3.81	708	234.0	182	10.1
213	0.0	6.0	192	3.32	690	197.0	129	11.6
214	0.0	12.0	219	2.89	995	211.0	120	12.6
215	0.5	1.8	262	3.34	7277	82.6	286	10.6
216	0.0	1.9	NA	4.05	2144	116.3	223	10.5
217	0.0	1.6	NA	4.03	1704	96.1	241	11.5
218	0.5	1.3	NA	3.50	1681	89.9	225	10.1
219	0.5	1.4	NA	4.08	1655	107.0	250	10.6
220	0.5	1.2	NA	3.82	1820	91.5	238	9.9
221	0.5	1.2	NA	3.70	1607	99.2	176	9.6
222	0.5	1.0	NA	3.49	1607	89.9	176	9.9
223	0.5	1.0	NA	3.49	1474	91.5	192	10.7
224	0.5	0.7	220	3.32	1286	83.0	178	9.7
225	0.5	0.7	214	3.46	1261	80.0	212	10.5
226	0.5	0.7	231	3.47	1026	67.0	159	10.9
227	0.5	0.8	207	3.20	1141	67.0	204	10.7
228	0.5	0.8	197	3.46	902	60.0	159	10.7

229	0.5	0.5	205	3.81	1038	82.0	166	11.4
230	0.5	0.9	200	3.32	866	61.0	132	11.1
231	0.0	0.8	210	3.19	1592	218.6	180	12.0
232	0.0	1.1	NA	3.82	1809	124.0	254	11.4
233	0.0	0.8	NA	3.44	1323	96.1	197	10.2
234	0.0	0.8	195	3.69	2054	128.7	259	11.2
235	0.0	2.1	NA	2.93	2612	113.2	178	10.1
236	0.0	1.3	NA	3.71	2017	170.5	251	9.7
237	0.0	1.2	NA	3.72	1393	125.6	149	9.9
238	0.0	1.0	202	3.60	2002	113.2	177	9.8
239	0.0	1.6	218	3.37	1525	101.0	166	9.9
240	0.0	1.3	NA	3.37	1498	85.0	147	10.7
241	0.5	0.8	364	3.70	1840	170.5	273	10.5
242	0.5	0.8	NA	4.34	1444	193.8	244	10.1
243	0.5	0.7	354	4.25	1249	167.4	218	10.0
244	0.5	0.5	344	4.14	1280	141.1	200	9.9
245	0.5	0.9	NA	3.58	1193	122.5	223	10.1
246	0.5	0.8	NA	3.85	950	91.5	279	10.5
247	0.5	1.2	NA	3.85	1031	122.5	198	10.1
248	0.5	1.4	348	3.32	1082	117.0	212	9.9
249	0.5	1.2	346	3.70	765	86.0	206	9.9
250	0.5	1.2	320	3.42	674	93.0	198	10.6
251	1.0	0.3	318	2.96	762	88.0	224	10.8
252	0.5	1.2	345	3.25	790	130.0	225	11.8
253	0.5	1.1	301	2.95	689	121.0	162	11.4
254	0.5	1.0	329	2.99	661	97.0	193	11.6
255	0.0	1.2	314	3.20	12259	72.2	431	10.6
256	0.0	1.5	NA	4.18	2721	96.1	435	11.0
257	0.5	3.5	NA	3.67	3112	130.2	422	10.9
258	0.0	4.2	271	3.70	2780	117.8	473	10.5
259	0.0	0.3	172	3.39	558	71.3	311	10.6
260	0.0	0.5	NA	3.98	193	38.8	280	11.4
261	0.0	0.6	NA	3.66	247	35.7	250	11.4
262	0.0	0.5	NA	3.99	246	41.9	234	10.9
263	0.0	0.6	NA	3.85	231	37.2	257	10.8
264	0.0	0.8	201	3.24	6538	79.1	193	10.5
265	0.0	0.8	214	3.32	493	53.0	213	10.6
266	0.0	0.6	239	2.86	582	72.0	40	11.3
267	0.0	0.5	219	2.94	678	60.0	NA	11.8
268	0.5	0.3	192	2.59	383	52.0	101	11.3
269	0.0	0.7	236	2.76	761	43.0	220	12.3
270	1.0	7.1	334	3.01	6931	180.6	102	12.0
271	1.0	13.5	NA	2.38	1737	218.6	114	13.3

272	0.0	3.3	383	3.53	1234	138.0	234	11.0
273	0.0	5.2	NA	2.69	2000	103.9	306	10.9
274	0.0	3.3	246	3.19	1536	156.6	192	11.6
275	0.5	1.6	NA	2.86	1350	128.7	151	10.8
276	0.0	1.6	NA	3.09	1498	139.5	156	10.6
277	0.0	1.5	NA	2.87	1364	110.1	321	10.8
278	0.0	2.7	161	2.58	1235	127.0	204	11.1
279	0.0	2.5	168	2.31	1226	79.0	191	11.1
280	0.5	4.3	NA	2.10	909	69.0	169	13.7
281	0.5	5.6	NA	1.90	NA	69.0	NA	11.9
282	0.0	0.7	282	3.00	9067	72.2	563	10.6
283	0.0	0.4	NA	3.25	1608	94.6	475	11.0
284	0.5	0.7	254	2.96	1549	125.6	675	11.0
285	1.0	0.5	NA	3.77	1343	65.1	713	10.0
286	0.5	0.6	NA	2.98	1034	116.3	991	11.1
287	1.0	1.0	NA	3.10	1343	156.6	490	10.8
288	1.0	4.3	NA	3.18	1639	181.4	549	10.0
289	0.5	10.5	275	2.60	1034	258.9	556	10.3
290	0.0	1.3	NA	3.34	11047	104.5	358	11.0
291	0.0	1.2	NA	3.50	2586	116.3	166	11.0
292	0.0	0.8	NA	3.90	1913	141.1	114	11.7
293	0.0	3.2	208	3.93	1517	144.2	147	11.2
294	0.0	4.8	291	3.68	1228	162.8	168	10.5
295	0.0	5.0	NA	3.48	1699	170.5	122	11.9
296	0.0	8.0	NA	3.17	1518	139.5	133	10.8
297	0.0	7.6	NA	3.37	1645	124.0	100	10.0
298	0.0	9.7	247	3.27	1695	224.8	97	10.3
299	0.0	7.4	221	2.89	1699	141.0	120	10.0
300	0.5	4.7	229	3.33	1399	94.0	155	11.4
301	0.5	12.0	196	3.15	1602	105.0	171	11.7
302	0.0	5.6	NA	2.72	1576	77.0	183	12.0
303	1.0	7.3	NA	2.98	1776	168.0	156	12.6
304	1.0	18.0	192	2.88	1195	144.0	222	12.7
305	0.0	6.8	NA	3.26	1215	151.9	226	11.7
306	1.0	2.1	NA	3.27	1648	125.6	171	12.2
307	0.5	4.8	NA	3.44	2192	116.3	116	11.7
308	1.0	16.2	NA	2.73	1240	145.7	109	13.6
309	0.0	2.1	NA	3.54	8778	56.8	344	11.0
310	0.0	2.1	NA	4.18	1606	139.5	358	11.6
311	0.0	2.4	NA	3.43	1272	119.4	305	11.0
312	0.0	2.1	NA	4.24	1712	124.0	249	10.4
313	0.0	3.0	NA	4.11	1488	147.3	357	12.4
314	0.0	2.2	NA	3.43	1481	170.5	475	11.0

315	0.0	5.2	NA	3.35	2022	176.7	357	10.7
316	0.0	4.4	NA	3.29	1709	285.2	240	10.7
317	0.0	6.1	247	3.31	1085	170.5	186	10.8
318	0.5	5.8	245	3.38	1179	169.0	183	10.6
319	0.0	9.3	230	3.19	1448	232.0	191	11.4
320	0.0	14.2	297	3.05	1572	188.0	301	10.8
321	0.5	12.2	NA	2.91	2604	236.0	237	11.6
322	0.0	13.8	330	2.83	2979	238.0	261	12.0
323	0.0	10.5	329	2.86	3340	264.0	231	12.0
324	0.5	13.0	261	2.34	2337	217.0	152	12.6
325	0.0	1.1	361	3.64	5430	67.1	203	10.6
326	0.0	0.8	NA	3.38	1433	111.6	163	10.6
327	0.0	0.6	NA	4.18	1144	96.1	148	10.6
328	0.0	0.8	NA	3.94	989	83.7	170	10.1
329	0.0	0.6	300	3.98	779	66.7	134	10.4
330	0.0	0.7	NA	3.78	950	68.2	145	10.7
331	0.0	0.6	NA	3.66	930	68.2	167	10.2
332	0.0	0.7	NA	3.74	712	68.2	119	10.2
333	0.0	0.8	264	3.52	742	63.6	124	10.3
334	0.0	0.7	276	3.62	760	61.0	105	10.1
335	0.0	0.9	298	3.61	765	72.0	99	10.8
336	0.0	1.1	322	3.36	942	71.0	83	10.7
337	0.0	1.3	317	2.99	833	72.0	80	11.1
338	0.0	1.1	317	3.23	856	74.0	72	12.2
339	0.0	1.1	NA	3.10	802	53.0	70	12.2
340	1.0	3.3	299	3.55	1029	119.4	199	11.7
341	0.5	3.9	NA	3.55	845	91.5	144	10.4
342	0.5	2.4	NA	3.72	931	130.2	347	10.7
343	0.5	2.5	NA	3.81	832	223.2	187	11.7
344	0.5	2.6	NA	3.40	872	113.2	159	12.2
345	0.5	2.9	NA	3.38	803	116.3	127	11.4
346	1.0	3.3	NA	2.97	772	97.7	141	11.5
347	1.0	2.9	228	2.80	902	98.0	131	10.9
348	1.0	4.8	265	2.74	783	169.0	99	11.0
349	0.5	10.0	186	2.44	1185	204.0	155	12.4
350	0.5	29.4	NA	1.90	NA	204.0	NA	16.1
351	0.0	0.6	NA	3.93	1826	71.3	474	10.9
352	0.0	0.6	NA	3.67	768	66.7	315	10.9
353	0.0	0.6	NA	3.84	1805	79.1	204	10.0
354	0.0	0.6	NA	4.13	2176	100.8	352	9.9
355	0.0	0.5	NA	3.80	1990	79.1	236	9.8
356	0.0	0.5	NA	4.01	1663	83.7	223	9.2
357	0.0	0.6	333	2.78	1828	100.8	223	9.7

358	0.0	0.6	406	3.45	2025	77.0	203	9.6
359	0.0	0.8	430	3.15	73	70.0	257	9.8
360	0.0	5.7	482	2.84	11552	136.7	518	12.7
361	0.0	6.1	NA	3.55	2542	257.3	105	11.0
362	0.5	3.7	NA	3.44	1985	190.7	136	11.7
363	0.0	2.2	NA	3.63	2844	165.9	65	10.8
364	0.0	3.0	NA	3.13	2356	117.8	84	11.5
365	0.0	5.7	NA	2.90	1612	151.9	223	12.0
366	1.0	9.9	NA	2.60	1190	178.3	79	12.4
367	1.0	16.5	NA	2.75	881	266.6	110	13.4
368	0.0	0.5	316	3.65	1716	187.6	356	9.8
369	0.0	0.5	NA	3.54	1024	172.1	313	9.7
370	0.0	0.6	NA	3.60	1874	167.4	307	10.1
371	0.0	0.6	309	3.44	1389	159.7	236	10.4
372	0.0	0.5	289	3.29	1140	92.0	208	10.5
373	0.0	0.5	287	2.94	1028	79.0	190	10.9
374	0.0	0.9	311	3.26	1420	99.0	151	11.5
375	0.0	1.9	259	3.70	10397	188.3	214	11.0
376	0.0	1.2	NA	4.21	2011	182.9	314	11.0
377	0.0	2.2	NA	3.98	1959	187.6	298	11.8
378	0.0	1.7	274	4.07	1611	179.8	300	10.3
379	0.0	1.5	NA	3.98	1605	169.0	261	10.1
380	0.0	1.3	NA	3.56	1465	187.6	302	10.8
381	0.0	1.4	235	3.65	972	124.0	211	10.1
382	0.0	1.2	NA	3.63	1133	142.6	203	10.5
383	0.0	1.4	235	4.15	1258	150.4	154	9.9
384	0.0	0.8	NA	3.82	678	97.7	233	11.0
385	0.0	0.8	NA	3.82	NA	97.7	NA	11.0
386	0.0	4.5	NA	3.43	964	170.5	165	12.5
387	0.0	3.1	NA	2.31	NA	170.5	NA	11.3
388	0.0	1.1	257	3.36	1080	107.0	128	10.6
389	0.5	1.1	NA	3.50	910	85.3	104	11.0
390	0.0	1.8	NA	3.00	1307	103.9	95	10.9
391	0.5	1.9	NA	2.93	1014	100.8	63	11.8
392	1.0	2.2	209	3.20	783	118.0	58	11.2
393	1.0	4.1	213	2.96	936	159.0	59	12.2
394	1.0	2.9	205	3.02	909	154.0	76	12.4
395	1.0	3.9	195	2.64	770	182.0	65	12.5
396	1.0	5.8	266	2.86	879	187.0	82	15.1
397	0.0	0.8	276	3.60	4332	99.3	273	10.6
398	0.0	0.7	NA	3.90	828	100.8	288	11.0
399	0.0	0.8	422	4.03	901	124.0	275	11.5
400	0.0	3.3	306	4.06	912	136.4	251	10.2

401	0.5	9.5	NA	3.81	697	91.5	248	10.1
402	0.5	11.7	NA	4.42	1300	136.4	264	10.8
403	0.5	16.2	NA	3.39	824	107.0	204	10.9
404	0.5	20.1	270	3.19	772	169.0	208	11.2
405	0.5	15.8	263	3.31	934	188.0	188	11.4
406	1.0	16.9	197	2.82	996	134.0	198	13.5
407	0.0	6.0	614	3.70	5084	206.4	362	10.6
408	0.0	4.1	NA	3.04	2916	68.2	371	19.0
409	0.0	2.4	NA	2.87	3152	186.0	352	11.0
410	0.0	9.0	NA	3.05	3572	195.3	294	11.7
411	0.0	12.8	NA	3.24	2472	201.5	329	11.6
412	0.0	10.0	322	3.16	2316	204.6	205	11.3
413	0.5	13.8	272	2.81	1530	189.1	154	12.6
414	0.5	16.0	NA	3.08	1310	210.8	191	12.7
415	1.0	27.1	NA	2.90	866	210.8	108	13.5
416	0.0	2.6	NA	3.10	6456	56.8	214	11.0
417	0.0	3.0	NA	3.31	1610	99.2	NA	12.1
418	0.0	12.6	NA	2.10	NA	99.2	NA	15.3
419	1.0	1.3	288	3.40	5487	73.5	254	11.0
420	0.5	1.5	NA	3.22	1580	71.3	112	18.0
421	0.5	2.6	NA	3.48	2127	86.8	207	10.9
422	0.5	3.4	NA	3.48	1656	134.9	127	11.0
423	1.0	18.6	NA	3.71	1152	179.8	108	12.1
424	0.0	1.8	416	3.94	10165	80.0	213	11.0
425	0.0	1.3	NA	3.48	1753	148.8	133	19.0
426	0.0	2.8	NA	3.65	1416	175.2	130	10.4
427	0.0	3.5	296	3.55	1629	134.9	97	10.4
428	0.0	8.1	296	3.20	1514	182.9	81	12.4
429	0.0	17.0	NA	2.90	NA	182.9	NA	12.4
430	0.0	1.1	498	3.80	13862	95.5	365	10.6
431	0.0	3.3	NA	3.63	6200	257.3	392	10.6
432	0.5	5.3	NA	3.54	6268	258.9	383	11.0
433	0.5	9.0	NA	3.96	6360	303.8	638	10.3
434	0.5	11.1	1230	3.01	4496	220.1	285	11.8
435	0.5	41.0	NA	3.35	NA	220.1	NA	12.4
436	0.5	2.3	260	3.18	11320	105.8	216	12.4
437	0.0	0.9	NA	3.00	2022	105.4	203	11.0
438	0.5	1.4	NA	2.71	1571	103.9	200	11.6
439	0.0	1.1	NA	2.75	1882	119.4	395	10.6
440	0.0	1.5	NA	3.00	1473	138.0	295	11.3
441	0.0	1.8	NA	2.47	1549	125.6	212	12.4
442	0.5	2.6	212	2.77	1324	139.5	227	10.8
443	0.5	3.1	NA	2.56	1400	141.1	192	11.2

444	0.5	4.5	253	2.67	1217	111.6	179	12.2
445	1.0	5.4	200	2.24	1205	1205.0	194	12.3
446	1.0	15.6	NA	1.50	NA	1205.0	NA	18.4
447	0.0	0.7	242	4.08	5890	56.8	NA	10.6
448	0.0	0.6	NA	4.09	934	91.5	293	11.3
449	0.0	0.9	NA	4.08	1231	89.9	434	11.6
450	0.0	0.8	NA	4.21	1288	72.9	402	10.6
451	0.0	0.8	NA	4.18	1444	76.0	357	11.2
452	0.0	0.9	NA	3.94	1198	71.3	270	10.7
453	0.0	0.9	NA	3.76	1160	88.4	332	11.0
454	0.0	0.9	NA	3.69	1167	68.2	335	10.4
455	0.0	1.0	245	3.72	853	60.5	287	10.5
456	0.0	0.9	267	3.72	839	68.0	273	10.3
457	0.0	0.8	280	3.54	897	62.0	281	11.0
458	0.0	1.2	279	3.56	719	45.0	326	11.0
459	0.0	1.3	257	3.88	678	67.0	339	11.0
460	0.0	1.3	291	3.22	752	55.0	285	12.7
461	0.0	1.5	299	3.57	726	60.0	268	11.0
462	0.0	1.6	291	3.68	596	77.0	235	11.5
463	0.0	0.8	329	3.50	7623	126.4	321	10.6
464	0.0	1.2	NA	3.82	2002	99.2	257	10.4
465	0.0	1.8	NA	3.60	2404	110.1	207	11.4
466	0.0	4.2	NA	3.87	3068	161.2	196	11.2
467	0.5	12.0	616	3.19	1972	161.2	365	10.7
468	0.5	13.5	NA	3.55	1795	130.2	262	10.2
469	0.5	22.7	NA	2.90	NA	130.2	NA	10.2
470	0.0	0.9	604	3.40	876	71.3	228	10.3
471	0.0	0.9	NA	3.73	906	69.8	294	11.3
472	0.0	0.7	NA	4.10	800	85.3	206	10.9
473	0.0	0.9	328	4.63	556	68.2	250	11.0
474	0.0	0.8	323	3.74	740	99.2	220	10.5
475	0.0	0.8	NA	4.14	745	99.2	234	9.4
476	0.0	0.7	NA	4.04	520	60.5	247	9.9
477	0.0	0.8	283	3.53	641	72.0	224	10.8
478	0.0	0.6	246	3.58	469	48.0	195	10.0
479	0.0	0.7	277	3.37	606	57.0	195	11.1
480	0.0	0.8	263	3.31	721	57.0	274	11.0
481	1.0	0.9	287	3.29	637	68.0	230	11.4
482	0.0	0.7	297	3.50	674	84.0	282	11.4
483	0.0	0.6	216	3.94	601	60.5	211	13.0
484	0.0	0.8	NA	4.16	637	72.9	NA	11.7
485	0.0	0.6	NA	4.04	704	80.6	190	11.4
486	0.0	1.0	NA	4.49	852	97.7	219	11.0

487	0.0	0.9	NA	4.01	817	97.7	207	11.2
488	0.0	0.9	NA	4.13	830	111.6	150	11.1
489	0.0	0.9	NA	3.99	949	107.0	193	11.5
490	0.0	0.8	NA	4.11	874	120.9	186	10.8
491	0.0	1.0	263	3.66	830	118.0	184	10.3
492	0.0	0.6	265	3.37	651	78.0	171	11.1
493	0.0	0.8	265	3.60	763	86.0	171	11.1
494	0.0	0.9	274	3.56	628	78.0	232	10.6
495	0.0	1.1	275	3.55	743	100.0	210	12.3
496	0.0	1.0	284	3.78	644	90.0	190	11.6
497	0.0	1.3	302	2.75	1523	43.4	329	13.2
498	0.0	2.0	NA	3.42	615	62.0	161	11.7
499	0.5	1.4	NA	3.98	717	74.4	205	10.7
500	0.5	1.8	NA	3.83	887	74.4	157	11.6
501	0.5	2.2	327	3.50	836	68.2	126	12.3
502	0.5	2.6	NA	3.62	826	68.2	158	11.7
503	0.5	2.8	NA	3.61	814	76.0	134	11.4
504	0.5	2.0	343	3.04	775	69.0	112	11.5
505	1.0	3.1	366	3.17	806	52.0	119	11.5
506	1.0	6.8	NA	2.53	NA	52.0	NA	11.5
507	1.0	22.5	932	3.12	5396	244.9	165	11.6
508	0.0	18.5	NA	3.52	5140	415.4	288	11.8
509	0.5	17.0	NA	3.40	4152	252.7	274	11.0
510	0.0	2.1	373	3.50	1009	150.4	178	11.0
511	0.5	1.9	NA	3.60	1253	100.8	190	11.0
512	0.5	1.6	344	4.00	1280	97.7	196	11.3
513	0.5	1.8	369	3.87	1245	124.0	166	10.5
514	0.5	6.7	275	3.45	1308	131.8	140	10.6
515	1.0	16.5	NA	3.45	1424	148.8	NA	11.9
516	0.0	1.2	256	3.60	724	141.1	430	10.0
517	0.0	1.1	NA	3.80	890	45.0	331	10.7
518	0.0	1.4	NA	3.78	603	38.8	384	10.1
519	0.0	1.2	NA	4.22	424	685.1	411	10.5
520	0.0	1.7	NA	3.98	486	31.0	361	10.4
521	0.0	1.4	NA	4.10	656	48.1	399	9.3
522	0.0	1.4	427	3.70	1909	182.9	123	11.0
523	0.0	1.2	NA	4.05	1491	130.2	68	11.1
524	0.0	1.8	NA	3.57	1491	238.7	49	10.6
525	0.0	2.2	NA	4.14	1032	119.4	85	11.5
526	0.0	2.2	248	3.59	900	119.4	77	11.7
527	0.0	1.9	NA	3.46	645	89.9	44	11.6
528	0.0	2.3	NA	3.40	464	79.1	42	12.2
529	0.0	3.3	NA	3.11	392	74.4	67	12.2

530	0.0	3.5	234	3.38	499	100.0	87	12.0
531	0.0	3.5	221	2.85	432	88.0	90	12.4
532	0.0	3.8	239	3.11	406	84.0	88	12.1
533	0.0	4.1	296	2.80	470	101.0	103	12.4
534	0.0	9.2	NA	2.60	NA	101.0	NA	14.2
535	0.0	1.1	466	3.91	1787	328.6	261	10.0
536	0.0	0.9	NA	3.95	1728	330.2	240	10.6
537	0.0	1.0	NA	3.60	1520	246.5	345	10.3
538	0.0	0.8	NA	4.38	1728	209.3	307	10.7
539	0.0	1.3	464	3.88	1177	145.7	332	9.7
540	0.0	1.3	NA	3.53	1116	147.3	200	9.5
541	0.0	1.4	NA	3.29	968	200.0	181	9.4
542	0.0	1.7	NA	2.63	903	196.9	136	10.3
543	0.5	3.0	313	2.92	1035	264.0	120	10.3
544	0.5	4.7	NA	1.65	NA	264.0	NA	10.5
545	0.0	0.7	174	4.09	642	71.3	203	10.6
546	0.0	0.9	NA	4.37	459	60.5	219	10.6
547	0.0	0.6	NA	4.58	384	58.9	259	11.0
548	0.0	0.5	NA	3.50	432	55.8	200	10.3
549	0.0	0.4	NA	3.66	628	69.8	221	11.3
550	0.0	0.6	NA	3.97	671	76.0	199	10.6
551	0.0	0.7	NA	3.99	868	74.4	197	11.0
552	0.0	1.0	226	3.72	1303	111.0	239	10.4
553	0.0	1.0	252	3.44	1304	95.0	153	10.2
554	0.0	1.3	NA	2.70	1190	96.0	158	11.4
555	0.5	1.9	291	2.85	1220	145.0	170	11.2
556	1.0	3.4	NA	3.24	1067	112.0	138	12.7
557	1.0	4.0	251	3.15	1230	243.0	96	12.4
558	1.0	5.6	NA	3.18	929	184.0	88	12.4
559	0.5	20.0	652	3.46	3292	215.5	227	12.4
560	1.0	30.0	NA	3.58	2400	257.3	136	12.1
561	1.0	32.0	NA	3.68	3480	237.2	147	13.8
562	1.0	21.9	NA	3.68	2252	173.6	113	15.1
563	0.5	0.6	NA	4.64	666	54.3	265	10.6
564	0.5	0.7	NA	4.08	500	49.6	231	9.9
565	0.5	0.6	301	3.27	709	48.1	303	9.9
566	0.5	0.8	NA	3.66	916	60.5	233	10.2
567	0.5	0.6	NA	3.77	648	41.9	299	10.3
568	0.5	0.8	NA	3.46	875	49.6	191	10.5
569	0.5	1.2	219	3.23	1188	53.0	158	10.0
570	0.5	1.2	262	3.32	1119	63.0	142	10.8
571	0.5	1.9	NA	2.09	1001	59.0	136	10.9
572	0.5	4.7	NA	2.65	1646	59.0	180	11.6

573	0.5	4.0	NA	3.03	1855	73.0	115	12.2
574	1.0	10.5	228	2.74	2056	142.0	104	13.6
575	1.0	16.6	NA	2.74	NA	142.0	NA	12.5
576	0.0	1.2	258	3.57	2201	120.9	410	11.5
577	0.0	1.1	NA	3.46	3560	300.7	502	11.3
578	0.0	2.7	NA	3.08	2664	204.6	380	10.4
579	0.0	2.4	NA	3.64	3280	265.1	381	10.7
580	0.0	2.0	NA	3.65	1850	215.5	380	10.4
581	1.0	1.5	NA	3.65	1710	148.8	161	10.4
582	1.0	1.6	NA	3.10	1553	164.3	156	10.7
583	0.5	1.7	226	3.23	1331	132.0	128	10.6
584	1.0	1.6	251	2.99	1203	135.0	151	10.6
585	0.5	2.0	219	2.93	1046	150.0	117	10.6
586	0.5	2.8	210	2.73	1004	151.0	95	12.2
587	0.0	0.5	320	3.54	1243	122.5	225	10.0
588	0.0	1.3	NA	3.90	2086	413.9	246	11.6
589	0.0	0.7	NA	3.32	2444	280.6	179	10.1
590	0.0	0.9	NA	3.92	2860	393.7	149	10.8
591	0.0	1.1	NA	3.81	2340	327.1	NA	9.6
592	0.0	0.7	NA	3.48	1984	223.2	118	9.6
593	0.0	0.7	132	3.60	423	49.6	265	11.0
594	0.0	0.7	NA	4.16	379	51.2	263	11.0
595	0.0	0.4	NA	3.74	318	58.9	310	10.4
596	0.0	0.6	NA	4.13	366	45.0	275	10.6
597	0.0	0.5	NA	3.73	342	58.9	287	11.1
598	0.0	0.5	NA	3.70	332	48.1	295	9.8
599	0.0	0.7	NA	3.60	310	49.6	262	10.6
600	0.0	0.6	120	3.16	211	37.2	200	10.7
601	0.0	0.5	131	3.61	286	49.0	263	10.1
602	0.0	0.5	146	3.62	295	52.0	250	10.8
603	0.0	0.5	131	3.42	340	43.0	282	10.8
604	0.0	0.6	139	3.33	475	44.0	332	10.6
605	0.0	0.4	134	3.04	427	54.0	263	11.3
606	0.0	0.5	NA	3.57	416	42.0	NA	11.2
607	0.0	0.5	NA	3.46	420	54.0	257	11.4
608	0.0	8.4	558	3.99	967	89.9	278	11.0
609	0.0	2.8	NA	3.42	1606	83.7	185	11.1
610	0.0	2.8	NA	4.32	1600	142.6	201	10.2
611	0.0	18.0	NA	1.60	NA	142.6	NA	10.2
612	0.5	17.1	674	2.53	2078	182.9	268	11.5
613	0.0	4.7	NA	4.19	1471	148.8	125	11.5
614	0.0	5.4	NA	3.42	1573	162.8	122	10.0
615	0.0	5.9	NA	3.31	2036	207.7	173	10.6

616	0.0	6.6	NA	3.95	1159	204.6	99	10.0
617	1.0	12.2	394	3.08	2132	155.0	165	11.6
618	0.5	6.6	244	3.41	1819	170.5	132	12.1
619	1.0	13.2	NA	2.55	1875	170.5	145	12.6
620	0.0	6.3	436	3.02	2176	170.5	236	10.6
621	0.0	3.4	NA	3.75	1084	65.1	186	10.7
622	0.0	3.5	544	3.50	1441	251.1	134	10.1
623	0.0	11.0	NA	2.80	NA	251.1	NA	10.1
624	0.0	0.8	315	4.24	1637	170.5	426	10.9
625	0.0	0.6	273	3.91	1074	153.5	300	10.8
626	0.0	0.6	NA	4.32	920	89.9	115	10.7
627	0.0	1.3	NA	3.17	853	125.6	101	11.1
628	0.0	1.0	NA	3.60	756	107.0	71	10.9
629	0.0	0.9	233	3.48	597	105.0	61	12.0
630	0.0	1.3	209	3.01	615	99.0	58	12.8
631	0.0	1.5	214	3.30	577	93.0	56	12.6
632	0.0	1.6	232	2.95	684	110.0	57	12.8
633	0.0	2.1	208	3.08	619	97.0	53	12.8
634	0.5	2.1	220	3.11	577	95.0	50	13.0
635	0.0	7.2	247	3.72	1303	176.7	360	11.2
636	0.0	10.8	NA	3.87	1059	187.6	378	10.7
637	0.0	12.0	NA	3.53	1144	212.4	258	11.4
638	0.0	11.5	220	3.02	1416	217.0	381	12.1
639	0.0	2.0	448	3.65	1218	60.5	385	11.7
640	0.0	2.7	NA	3.08	1480	76.0	250	11.7
641	0.0	1.3	NA	3.23	1231	76.0	245	10.9
642	0.0	1.9	260	3.22	1872	114.7	185	11.2
643	0.5	4.3	NA	2.91	1265	125.6	153	12.3
644	0.5	4.1	NA	2.59	1265	125.6	139	11.9
645	0.5	5.5	NA	2.83	796	158.1	166	11.9
646	1.0	8.1	293	2.41	975	114.7	148	11.7
647	1.0	8.1	NA	2.41	NA	74.0	158	11.7
648	1.0	10.2	NA	2.30	NA	74.0	NA	12.7
649	0.0	4.5	472	4.09	1580	117.8	412	11.1
650	0.5	1.1	NA	3.61	2368	79.1	350	10.0
651	0.0	0.4	NA	3.87	1186	68.2	235	10.2
652	0.5	0.4	260	4.10	702	41.9	231	10.4
653	0.5	0.5	NA	3.84	491	40.3	260	10.7
654	0.5	0.5	NA	4.10	674	60.5	318	9.5
655	0.5	0.7	NA	3.39	363	55.8	232	9.9
656	0.5	0.6	215	3.23	354	40.3	230	9.7
657	0.5	0.5	209	3.96	258	24.0	216	10.1
658	0.5	0.7	210	3.23	283	28.0	180	10.9

659	0.5	1.3	250	3.50	1138	71.3	81	12.9
660	0.5	1.3	NA	3.50	797	46.5	66	12.0
661	0.5	1.3	NA	3.95	613	43.4	87	11.3
662	0.5	1.4	230	4.13	394	35.7	84	11.6
663	0.5	1.0	213	3.62	289	34.1	75	12.4
664	0.5	1.1	NA	3.64	246	27.9	71	11.8
665	1.0	1.2	NA	3.62	291	32.6	67	10.9
666	0.5	1.1	194	3.24	230	29.5	64	11.0
667	0.5	1.4	211	3.61	275	32.0	75	10.7
668	0.5	1.1	184	3.18	415	33.0	84	11.9
669	0.5	1.2	196	3.10	497	28.0	97	11.3
670	0.5	1.3	NA	3.39	481	34.0	84	11.7
671	1.0	1.4	215	3.13	450	33.0	85	12.0
672	0.5	1.3	206	3.60	464	31.0	113	12.0
673	1.0	1.4	209	3.56	375	35.0	84	11.9
674	0.0	0.4	263	3.76	1345	138.0	181	11.2
675	0.0	0.6	NA	3.60	784	72.9	164	10.5
676	0.0	0.4	NA	3.62	771	74.4	122	10.4
677	0.0	2.1	262	3.48	2045	89.9	225	11.5
678	0.0	11.4	NA	3.18	3716	196.9	316	13.2
679	0.0	4.5	NA	2.88	3376	165.9	162	11.2
680	0.0	1.0	NA	2.16	3464	124.0	377	10.3
681	0.0	4.3	301	3.28	1543	108.5	240	10.8
682	0.0	3.6	NA	2.98	2076	110.1	215	10.9
683	1.0	6.9	NA	1.88	2080	131.8	315	10.7
684	1.0	4.5	NA	3.01	1502	156.6	152	10.3
685	1.0	9.0	235	3.26	964	145.0	158	11.3
686	1.0	6.8	225	2.81	1003	159.0	89	12.3
687	1.0	14.7	NA	2.31	880	132.0	114	12.3
688	0.0	5.0	1600	3.21	2656	82.2	181	10.9
689	0.0	1.1	345	4.40	1860	218.6	447	10.7
690	0.0	1.2	NA	3.98	1556	158.1	41	9.5
691	0.5	0.6	296	4.06	1032	80.6	442	12.0
692	0.0	0.4	NA	3.58	982	91.5	422	10.4
693	0.0	0.4	273	3.46	1432	97.7	404	12.8
694	0.5	0.9	NA	3.46	1648	141.1	407	9.6
695	0.0	2.0	408	3.65	1083	110.1	200	11.4
696	0.0	1.1	NA	3.60	782	68.2	165	10.1
697	1.0	8.7	173	2.53	667	196.9	133	13.3
698	1.0	6.5	NA	2.15	NA	196.9	NA	13.7
699	0.0	1.6	660	4.22	1857	151.9	337	11.0
700	0.0	1.6	NA	4.12	2880	122.5	290	10.4
701	0.0	2.6	494	4.19	2384	122.5	324	10.0

702	0.0	9.6	NA	3.88	3924	406.1	341	10.4
703	0.0	7.2	876	3.25	4448	215.5	296	9.9
704	0.0	19.2	876	3.58	4056	207.7	313	10.0
705	0.0	14.2	1148	2.96	670	306.9	314	10.8
706	0.0	19.1	NA	2.93	2112	291.0	357	10.0
707	0.0	13.4	381	2.08	1806	277.0	217	11.1
708	0.5	5.0	325	3.47	2460	246.5	430	11.9
709	0.5	4.3	NA	3.04	1855	285.2	323	10.5
710	0.0	4.2	NA	2.82	1516	289.9	287	11.6
711	1.0	1.4	206	3.13	1626	86.8	145	12.2
712	0.0	1.3	353	3.67	2039	232.5	380	11.1
713	0.0	2.4	NA	4.39	1640	291.4	274	10.7
714	0.0	4.0	369	4.04	2576	260.4	274	12.1
715	0.0	3.1	316	3.62	2124	173.6	314	31.8
716	0.0	8.0	NA	3.98	1368	325.5	283	9.9
717	0.5	15.5	NA	3.72	1878	178.3	334	10.2
718	0.0	19.7	760	3.25	2028	195.3	315	10.2
719	0.0	30.0	516	3.35	1059	426.3	251	9.9
720	0.5	31.0	480	3.66	1052	292.0	254	9.9
721	0.5	37.8	518	3.62	1058	313.0	222	10.9
722	0.0	27.8	NA	3.62	1068	427.0	181	10.9
723	0.0	27.7	540	3.43	1252	384.0	297	10.8
724	0.5	24.3	494	2.86	1119	473.0	243	11.8
725	0.5	24.6	408	3.20	768	281.0	215	12.0
726	0.0	22.2	338	3.66	606	266.0	187	11.7
727	0.0	3.2	201	3.11	1212	159.7	188	11.8
728	0.0	6.2	NA	2.62	1300	170.5	180	11.8
729	0.0	9.8	196	2.47	1306	196.0	160	11.6
730	1.0	17.4	NA	2.64	559	119.4	401	11.7
731	0.0	1.0	NA	3.70	1258	99.2	338	10.4
732	0.0	0.6	NA	3.90	1288	93.0	332	10.1
733	0.0	0.7	410	3.92	1208	76.0	344	10.2
734	0.0	0.6	NA	3.80	1156	94.6	256	10.2
735	0.0	0.5	NA	3.91	794	72.9	261	9.6
736	0.0	0.6	NA	3.97	1025	69.8	276	9.1
737	0.0	0.9	NA	3.64	880	63.6	250	9.7
738	0.0	0.6	326	3.39	705	50.0	269	10.8
739	0.0	0.8	364	3.70	787	54.0	220	9.6
740	0.0	0.6	354	3.50	632	56.0	242	10.1
741	0.0	0.8	342	3.33	672	48.0	272	10.3
742	0.0	0.7	325	3.46	717	61.0	276	10.7
743	0.0	0.8	325	3.46	642	56.0	259	11.0
744	0.0	0.7	321	3.46	621	54.0	247	11.0

745	0.5	2.0	420	3.26	3196	77.5	344	11.4
746	0.5	2.8	NA	3.70	2908	89.9	326	10.5
747	0.0	6.7	384	3.92	3020	133.3	272	11.5
748	0.0	7.8	NA	2.40	NA	133.3	NA	11.5
749	0.0	1.0	239	3.77	1877	97.7	312	10.2
750	0.0	0.9	NA	4.08	2416	164.3	387	10.1
751	0.0	1.4	NA	4.21	2952	217.0	420	10.4
752	0.0	0.8	NA	3.29	2412	100.8	272	10.6
753	0.0	0.8	NA	4.07	2398	192.2	321	9.5
754	0.0	0.6	NA	3.71	1611	133.3	358	9.5
755	0.0	0.6	NA	3.89	1390	196.9	312	10.6
756	0.0	0.7	257	3.45	885	77.0	291	10.2
757	0.0	0.5	283	3.18	774	66.0	285	10.7
758	0.0	0.5	262	3.33	705	60.0	261	10.9
759	0.0	0.8	283	3.76	806	82.0	279	10.7
760	0.0	0.5	233	3.72	686	65.0	276	11.9
761	0.0	0.4	256	3.40	749	60.0	272	11.4
762	0.0	0.6	238	3.91	513	58.0	236	10.6
763	0.0	1.8	460	3.35	1472	108.5	172	10.2
764	0.0	0.9	NA	3.82	231	21.7	218	10.1
765	0.0	1.3	NA	4.22	2372	203.1	210	10.1
766	0.5	1.3	NA	3.39	1920	116.3	263	9.7
767	0.0	1.4	NA	3.67	1920	116.3	164	9.2
768	0.0	1.3	NA	3.95	1711	116.3	216	9.1
769	0.0	1.4	NA	3.69	1119	119.4	184	9.7
770	0.0	1.5	269	3.48	1459	86.0	251	9.6
771	0.0	1.2	318	3.59	1174	103.0	179	10.1
772	0.0	1.8	321	3.84	748	101.0	192	10.3
773	0.0	1.4	289	3.25	891	110.0	177	10.8
774	0.0	1.4	304	3.66	1082	81.0	193	10.6
775	0.0	1.6	289	3.81	481	55.0	132	11.3
776	0.0	2.3	178	3.00	746	178.3	119	12.0
777	0.0	2.5	NA	2.94	836	189.1	98	11.4
778	0.5	2.9	NA	3.02	650	124.0	99	11.7
779	0.5	4.4	NA	2.20	NA	124.0	NA	12.3
780	0.0	0.9	400	3.60	1689	164.3	327	10.4
781	0.5	1.1	NA	3.54	1558	133.3	409	10.5
782	0.0	0.9	NA	3.21	1736	164.3	283	10.8
783	0.0	0.7	317	3.03	1494	114.7	358	10.4
784	0.0	0.6	NA	3.47	1145	91.5	312	9.4
785	0.0	0.7	NA	3.59	951	76.0	313	10.1
786	0.0	0.6	228	3.41	862	72.0	258	10.0
787	0.0	0.6	235	2.99	823	78.0	238	9.7

788	0.0	0.6	254	2.94	814	66.0	210	10.8
789	0.0	0.7	NA	2.94	784	90.0	198	11.8
790	0.0	0.6	239	3.40	696	81.0	217	11.9
791	0.5	0.6	268	3.09	658	78.0	221	11.8
792	0.0	0.9	248	3.97	646	62.0	128	10.1
793	0.0	1.0	NA	3.84	440	68.2	255	9.7
794	0.0	0.9	NA	3.84	387	51.2	268	9.5
795	0.0	0.7	NA	3.36	375	54.3	274	10.1
796	0.0	0.9	275	3.42	362	45.0	260	10.6
797	0.0	0.8	260	3.29	370	32.0	249	9.6
798	0.0	0.9	239	3.72	396	29.0	260	9.5
799	0.0	0.8	247	3.56	365	30.0	266	10.3
800	0.0	1.0	250	2.95	414	38.0	283	10.2
801	0.0	1.0	247	3.31	470	47.0	273	10.2
802	0.0	1.1	250	3.31	485	39.0	283	11.4
803	0.0	0.7	258	3.31	481	28.0	264	11.1
804	1.0	2.5	188	3.67	1273	119.4	110	11.1
805	0.0	1.1	303	3.64	2108	128.7	349	11.1
806	0.0	0.9	NA	3.65	1596	100.8	194	11.1
807	0.0	0.9	NA	3.50	1596	100.8	294	10.7
808	0.0	1.0	NA	3.50	1337	88.4	179	10.4
809	0.0	3.2	NA	3.33	2477	150.4	127	10.3
810	0.0	7.2	252	2.60	1780	111.6	79	11.0
811	0.0	8.5	458	2.51	1805	169.0	88	11.1
812	1.0	8.0	256	2.78	1168	105.0	75	11.5
813	1.0	11.1	330	2.13	1618	198.0	154	11.6
814	1.0	11.0	337	2.48	1788	282.0	108	12.2
815	0.0	1.1	464	4.20	1644	151.9	348	10.3
816	0.0	1.1	NA	4.20	NA	151.9	NA	10.3
817	0.0	1.7	440	4.30	2532	237.2	264	9.9
818	0.0	1.4	NA	3.68	2460	190.7	167	10.1
819	0.5	5.5	NA	3.22	1845	275.9	173	11.1
820	0.5	11.4	NA	3.28	1800	316.2	152	11.0
821	1.0	8.4	387	3.61	1974	224.8	132	10.0
822	0.5	12.4	462	3.74	2439	288.0	173	10.0
823	0.5	9.9	352	3.69	1778	275.0	151	10.7
824	0.5	15.9	NA	3.48	2036	216.0	207	11.4
825	0.0	2.1	NA	3.90	1087	103.9	137	10.6
826	0.0	1.1	NA	3.64	821	74.4	177	11.2
827	0.5	1.5	NA	3.36	700	82.2	101	10.9
828	0.0	1.4	NA	3.33	651	71.3	147	10.6
829	0.0	2.0	NA	3.70	NA	46.0	NA	36.0
830	0.0	0.6	212	4.03	648	71.3	316	10.7

831	0.0	0.5	NA	3.74	686	85.3	462	10.5
832	0.0	0.6	NA	3.94	867	124.0	359	10.8
833	0.0	0.5	NA	3.62	642	100.8	91	10.0
834	0.0	0.6	NA	3.55	772	96.1	298	10.0
835	0.0	0.5	210	3.22	803	91.5	281	10.1
836	0.0	0.6	212	3.35	843	107.0	270	9.8
837	0.0	0.5	233	3.35	644	80.0	263	10.8
838	0.0	0.8	222	2.84	524	112.0	293	10.9
839	0.0	0.7	246	3.18	871	190.0	311	11.3
840	0.0	0.7	237	3.18	545	105.0	245	11.5
841	0.0	0.4	127	3.50	1062	49.6	334	10.3
842	0.0	0.3	NA	3.90	602	65.1	229	10.6
843	0.0	0.5	NA	3.90	686	85.3	126	10.4
844	0.0	0.5	NA	3.61	607	58.9	219	10.9
845	0.0	0.3	NA	3.80	594	51.2	187	9.8
846	0.0	0.4	NA	3.94	573	45.0	210	10.5
847	0.0	0.5	191	3.73	303	43.4	156	9.6
848	0.0	0.5	224	3.75	429	53.0	170	10.0
849	0.0	0.5	120	3.61	804	110.1	271	10.6
850	0.0	0.3	NA	3.37	351	66.7	241	10.7
851	0.0	0.5	NA	3.90	232	45.0	252	10.4
852	0.0	0.5	147	3.56	285	45.0	184	10.2
853	0.0	0.3	153	3.49	346	45.0	208	10.5
854	0.0	0.4	143	3.51	693	53.0	188	11.3
855	0.5	0.5	137	3.41	398	50.0	234	11.1
856	0.0	0.5	164	3.60	636	68.0	234	11.1
857	0.0	0.5	166	3.20	705	68.0	229	11.7
858	1.0	0.5	NA	3.42	698	64.0	203	11.7
859	0.0	1.9	486	3.54	1052	108.5	141	10.9
860	0.0	1.3	NA	3.33	870	85.3	137	11.8
861	0.0	1.5	NA	3.34	1098	133.3	132	10.4
862	0.5	1.8	NA	2.96	611	43.4	122	10.3
863	1.0	3.5	NA	2.80	1432	114.7	111	10.5
864	1.0	3.3	311	2.43	869	97.7	102	11.3
865	1.0	2.5	337	2.05	1255	66.0	171	10.8
866	0.0	5.5	528	4.18	2404	172.1	467	10.7
867	0.0	7.2	NA	4.20	2480	159.7	391	10.4
868	0.0	6.3	NA	3.61	2696	224.8	341	11.7
869	0.0	6.7	NA	3.86	1794	173.6	472	10.5
870	0.5	20.0	NA	3.70	1856	169.0	360	10.9
871	0.0	16.4	NA	3.38	1662	227.9	226	11.1
872	1.0	18.3	259	3.21	1430	266.0	396	11.1
873	1.0	20.6	NA	2.60	NA	266.0	NA	13.4

874	0.0	2.0	267	3.67	754	196.9	136	11.8
875	0.5	2.7	NA	3.48	733	265.1	162	11.7
876	0.5	3.2	211	2.74	536	387.5	111	12.5
877	0.0	3.3	NA	3.33	513	207.7	146	11.7
878	0.0	3.6	NA	2.89	645	207.7	158	12.1
879	0.5	4.3	NA	2.45	523	224.8	142	11.6
880	0.5	4.9	189	2.22	505	174.0	124	12.5
881	1.0	3.8	171	2.31	476	175.0	142	12.8
882	0.5	4.4	161	2.34	451	149.0	278	13.4
883	0.5	3.6	NA	1.61	440	214.0	167	13.2
884	0.5	10.5	NA	1.40	NA	214.0	NA	13.2
885	0.0	6.7	374	3.74	979	128.7	266	11.1
886	0.0	5.2	NA	3.42	1017	91.5	104	10.1
887	0.5	7.2	268	3.28	924	100.8	102	11.5
888	0.5	13.5	NA	3.19	1275	128.7	154	13.8
889	0.5	26.0	NA	3.10	NA	128.7	NA	12.6
890	0.0	3.2	259	4.30	1040	110.1	268	11.7
891	0.0	2.1	NA	3.82	1050	93.0	193	11.0
892	0.0	1.7	NA	3.25	1155	88.4	191	11.1
893	0.0	1.9	NA	3.45	827	107.0	134	11.0
894	0.0	2.2	NA	3.45	827	107.0	141	11.5
895	0.0	2.3	204	3.34	885	83.7	138	11.7
896	0.0	2.3	186	3.50	748	73.0	96	11.8
897	0.0	2.3	169	3.26	998	97.0	96	12.4
898	0.5	3.5	154	3.25	937	120.0	106	12.4
899	1.0	4.3	128	2.78	777	144.0	102	13.8
900	1.0	27.6	NA	2.14	NA	144.0	NA	17.3
901	0.0	0.7	303	4.19	1584	111.6	307	10.3
902	0.0	0.6	NA	3.58	1040	131.8	301	9.6
903	0.0	0.6	NA	3.62	852	111.6	267	9.9
904	0.0	0.6	NA	3.87	1209	127.1	258	10.0
905	0.0	0.5	NA	4.21	1374	117.8	263	9.7
906	0.0	0.8	321	3.87	1036	105.4	202	10.8
907	0.0	0.8	322	3.73	1150	97.0	153	9.6
908	0.0	0.7	339	4.29	914	96.0	154	10.1
909	0.0	1.1	375	3.48	933	111.0	183	10.4
910	0.0	1.0	340	3.63	869	108.0	217	10.7
911	0.0	0.8	347	3.51	799	111.0	187	11.2
912	0.0	1.1	339	3.79	758	100.0	193	11.2
913	0.5	3.0	458	3.63	1588	107.0	438	9.9
914	0.5	3.3	NA	4.38	888	120.9	353	10.6
915	0.0	1.4	NA	3.74	1030	83.7	294	10.6
916	0.0	0.7	NA	4.30	740	65.1	336	9.7

917	0.0	0.9	NA	4.07	741	66.7	297	10.4
918	0.0	0.9	223	3.41	666	58.9	301	9.8
919	0.0	0.9	239	3.96	664	50.0	281	9.8
920	0.0	0.9	225	3.81	516	52.0	263	10.9
921	0.0	1.2	208	3.69	511	47.0	305	10.4
922	0.0	0.8	219	3.58	542	50.0	269	11.0
923	0.0	1.0	225	3.86	453	46.0	273	11.6
924	0.0	6.5	950	3.11	2374	170.5	354	11.0
925	0.5	17.4	NA	3.57	2928	190.7	239	13.8
926	0.0	15.0	NA	3.01	3204	179.8	222	11.1
927	1.0	19.5	NA	3.06	3340	244.9	205	11.3
928	1.0	14.5	NA	3.06	NA	244.9	NA	10.5
929	0.5	3.5	390	3.30	878	138.0	207	10.2
930	0.0	3.7	NA	3.37	1375	141.1	168	11.0
931	0.0	3.4	NA	3.09	1101	113.2	132	10.6
932	0.0	4.2	NA	3.13	1047	151.9	125	11.3
933	0.0	4.8	210	2.90	974	148.0	126	11.3
934	0.0	5.8	239	3.07	1010	187.0	114	11.6
935	1.0	12.0	210	2.13	1028	158.0	138	13.6
936	0.0	0.6	636	3.83	944	97.7	306	9.5
937	0.0	2.3	NA	3.83	1740	48.1	268	9.2
938	0.0	3.5	325	3.98	766	130.2	344	10.6
939	0.0	4.0	NA	3.57	406	148.8	287	12.7
940	0.0	4.2	NA	3.44	1558	150.4	281	11.5
941	0.0	13.5	NA	3.95	1362	147.3	364	10.5
942	0.0	15.3	NA	3.67	1576	192.2	327	10.7
943	0.5	16.0	307	3.23	1177	156.6	264	10.9
944	0.5	22.1	168	2.76	1130	173.0	228	11.0
945	0.5	14.0	NA	2.57	NA	173.0	NA	13.3
946	1.0	1.3	151	3.08	1112	46.5	213	13.2
947	0.0	0.6	298	4.13	758	65.1	256	10.7
948	0.0	0.4	NA	4.18	536	51.2	217	10.8
949	0.0	0.6	NA	3.69	513	51.2	221	11.3
950	0.0	0.4	NA	3.93	591	49.6	242	10.6
951	0.0	0.7	NA	3.70	756	55.8	238	10.6
952	0.0	0.5	282	3.42	799	74.0	227	11.4
953	0.0	0.4	295	3.77	764	71.0	212	11.4
954	0.0	0.6	295	3.66	821	53.0	197	11.6
955	0.0	0.7	298	3.37	787	53.0	272	11.0
956	0.0	0.6	296	2.99	729	71.0	183	11.0
957	1.0	5.1	NA	3.23	790	179.8	104	13.0
958	1.0	4.7	NA	2.73	763	148.8	112	12.7
959	0.0	0.6	251	3.90	681	57.4	182	10.8

960	0.0	1.3	316	3.51	1162	147.3	238	10.0
961	0.0	2.4	NA	3.72	1188	148.8	208	10.4
962	0.0	2.2	313	3.74	1214	215.5	172	10.5
963	0.0	2.4	NA	3.72	1155	155.0	161	10.4
964	0.0	3.4	NA	3.90	1083	189.1	130	10.7
965	0.0	4.0	217	3.08	1012	195.3	113	11.0
966	0.5	3.7	213	3.24	1226	237.0	169	11.1
967	1.0	13.4	278	3.09	1235	264.0	223	12.0
968	1.0	13.4	NA	3.20	NA	264.0	NA	12.7
969	0.0	1.2	269	3.12	1441	165.9	166	11.1
970	0.0	0.9	NA	2.75	1116	155.0	105	10.1
971	0.5	1.6	NA	3.05	1083	148.8	84	11.5
972	1.0	2.3	294	2.81	1097	230.0	110	11.2
973	1.0	10.8	NA	2.81	NA	230.0	NA	13.2
974	0.0	0.5	268	4.08	1174	86.8	453	10.0
975	0.0	0.5	NA	3.74	2624	165.9	300	10.0
976	0.0	0.9	NA	3.57	2154	142.6	283	9.8
977	0.0	1.1	NA	3.67	2070	164.3	228	10.1
978	0.0	1.1	355	3.27	1524	102.3	200	9.8
979	0.0	1.4	488	3.43	1949	137.0	218	10.0
980	0.0	1.1	466	3.33	1675	125.0	190	10.6
981	0.5	2.9	446	3.60	2070	115.0	170	10.6
982	0.0	2.2	410	3.37	1900	117.0	192	11.3
983	0.0	2.5	423	3.50	1422	122.0	149	11.2
984	0.0	2.3	397	3.34	1391	113.0	129	11.7
985	0.0	16.2	NA	2.89	1828	299.2	123	12.6
986	0.5	4.5	NA	2.89	2284	308.5	154	12.6
987	1.0	18.5	168	3.37	1928	398.4	115	13.1
988	1.0	16.5	NA	2.84	1914	186.0	127	13.2
989	1.0	16.0	115	2.31	2023	327.1	133	21.9
990	0.0	0.9	420	3.87	1009	57.4	NA	9.7
991	0.0	0.9	NA	3.73	934	52.7	245	10.4
992	0.5	0.7	NA	3.57	1148	48.1	243	9.7
993	0.5	0.7	NA	3.52	1076	51.2	308	9.8
994	0.5	0.7	NA	3.75	1075	48.1	283	9.7
995	0.5	0.9	368	3.28	1136	54.3	273	9.7
996	0.0	0.8	361	3.78	860	46.0	230	9.6
997	0.5	1.4	368	3.56	870	44.0	243	10.6
998	0.0	1.0	349	3.28	835	43.0	248	10.2
999	0.0	0.8	344	3.41	970	41.0	221	11.1
1000	0.5	1.0	334	3.41	926	54.0	205	11.2
1001	0.5	1.0	323	3.32	814	53.0	250	11.1
1002	0.0	17.4	1775	3.43	2065	165.9	418	11.5

1003	0.0	13.2	NA	2.91	3120	170.5	460	11.5
1004	0.0	13.2	466	2.80	3308	213.9	307	11.6
1005	1.0	16.5	NA	3.02	3600	254.2	332	11.6
1006	0.5	14.2	NA	2.90	2524	182.9	401	10.6
1007	0.5	27.2	NA	1.70	NA	182.9	NA	28.0
1008	0.0	2.8	242	3.80	614	136.4	121	13.2
1009	0.0	4.5	NA	3.87	719	178.3	108	12.9
1010	0.0	5.6	NA	3.51	977	209.3	111	13.9
1011	1.0	16.2	NA	2.90	701	139.5	173	13.6
1012	0.0	1.9	448	3.83	1052	127.1	181	9.8
1013	0.0	1.2	NA	3.74	1452	119.4	253	9.5
1014	0.0	1.5	NA	4.07	1316	82.2	185	9.5
1015	0.0	1.0	NA	3.74	868	100.8	228	9.8
1016	0.0	1.2	296	3.23	912	85.3	167	9.7
1017	0.0	1.4	259	3.73	919	89.0	102	10.3
1018	0.0	1.5	331	3.95	577	128.7	165	10.1
1019	0.0	1.8	247	3.62	641	151.9	177	10.5
1020	0.0	1.7	NA	3.49	641	148.8	141	9.5
1021	0.5	5.9	171	3.45	847	89.9	101	9.8
1022	0.5	5.0	137	3.22	565	85.3	70	10.6
1023	0.5	4.2	166	3.75	671	79.0	68	9.8
1024	0.5	5.0	150	3.19	814	191.0	69	11.1
1025	0.5	4.5	144	2.96	751	94.0	83	11.1
1026	0.5	27.2	NA	3.30	NA	94.0	NA	11.1
1027	0.0	0.7	578	3.67	1353	127.1	427	10.7
1028	0.0	1.0	NA	3.93	1840	139.5	323	11.2
1029	0.0	0.8	NA	3.90	1407	127.1	246	10.4
1030	0.0	0.6	NA	4.23	1726	125.6	324	10.5
1031	0.0	0.5	NA	3.75	1622	97.7	196	10.8
1032	0.0	0.7	448	3.87	1256	92.0	189	10.0
1033	0.0	0.7	389	3.84	1260	87.0	269	10.7
1034	0.0	0.8	462	3.67	1174	76.0	183	11.0
1035	0.0	1.2	486	3.33	1413	99.0	298	10.7
1036	0.0	1.9	454	3.13	1626	108.0	283	11.5
1037	0.0	3.7	430	3.29	2043	138.0	239	12.3
1038	0.0	5.3	474	2.84	2580	160.0	171	12.8
1039	0.0	0.4	263	3.57	836	74.4	445	11.0
1040	0.0	0.6	NA	4.43	235	45.0	340	11.0
1041	0.0	0.6	NA	3.60	142	51.2	392	9.9
1042	0.0	0.5	NA	4.10	222	27.9	435	10.0
1043	0.0	0.5	NA	3.99	307	23.3	370	9.6
1044	0.0	0.4	244	3.35	437	46.0	361	10.8
1045	0.0	0.3	246	3.49	457	39.0	367	10.6

1046	0.0	0.5	258	3.29	889	46.0	243	10.7
1047	0.0	0.5	259	3.18	541	31.0	383	10.9
1048	0.0	0.5	257	3.00	561	38.0	408	11.2
1049	0.0	0.8	263	3.35	1636	116.3	206	9.8
1050	0.0	1.2	NA	3.81	1372	88.4	224	10.4
1051	0.0	1.3	NA	3.55	914	68.2	182	10.2
1052	0.0	1.1	NA	3.77	1076	74.4	135	9.4
1053	0.0	1.3	NA	3.66	988	105.4	302	10.7
1054	0.0	1.5	254	3.55	721	65.0	269	9.8
1055	0.0	1.4	276	3.80	599	63.0	255	10.7
1056	0.0	1.3	248	3.52	520	59.0	249	10.7
1057	0.0	1.2	279	3.56	598	48.0	293	11.5
1058	0.0	1.1	399	3.60	3472	155.0	344	10.1
1059	0.0	1.2	NA	3.36	2350	127.1	400	10.2
1060	0.0	0.8	NA	3.79	2136	85.3	320	9.5
1061	0.0	0.9	NA	3.69	1818	111.6	307	10.3
1062	0.0	0.8	350	3.43	1595	88.4	342	9.7
1063	0.0	0.7	351	3.21	1219	83.0	304	9.9
1064	0.0	0.6	308	3.06	947	72.0	287	10.3
1065	0.0	0.7	358	3.53	1089	73.0	366	10.5
1066	0.0	0.6	292	3.20	991	62.0	318	10.1
1067	0.0	0.8	337	3.43	839	63.0	277	11.2
1068	0.0	0.7	NA	3.10	759	64.0	282	11.4
1069	0.0	0.6	343	3.01	897	67.0	312	11.4
1070	0.0	7.3	426	3.93	2424	145.7	252	10.5
1071	0.0	4.3	NA	3.73	2536	122.5	198	10.1
1072	0.0	7.2	NA	3.76	2520	201.5	286	10.2
1073	0.0	13.5	NA	3.46	3456	262.0	254	13.1
1074	0.5	15.7	NA	2.92	3318	190.7	313	10.6
1075	0.5	31.6	NA	2.70	NA	190.7	NA	10.6
1076	0.0	1.1	328	3.31	1260	94.6	142	11.6
1077	0.0	0.8	NA	3.21	1184	110.1	120	11.6
1078	0.0	0.8	286	3.40	1101	86.0	121	10.8
1079	0.0	1.3	267	3.17	1000	79.0	81	11.6
1080	0.0	1.9	287	3.35	903	83.0	64	12.9
1081	0.5	4.5	215	2.76	1940	93.0	59	14.0
1082	0.0	1.1	290	4.09	2120	186.0	318	10.0
1083	0.0	0.5	NA	4.19	1528	155.0	285	10.4
1084	0.0	0.6	NA	3.86	1421	142.6	326	9.5
1085	0.0	0.5	NA	3.75	1020	86.8	294	9.5
1086	0.0	0.6	NA	3.53	854	72.9	259	10.0
1087	0.0	0.5	NA	4.03	666	63.0	274	9.9
1088	0.0	0.5	249	3.71	735	61.0	198	10.8

1089	0.0	0.5	271	3.67	596	48.0	247	10.8
1090	0.0	0.8	283	3.70	485	40.0	266	10.9
1091	0.0	0.6	298	3.56	425	36.0	230	11.7
1092	0.0	0.5	276	3.68	721	55.0	218	11.8
1093	0.0	0.9	274	3.56	812	76.0	231	11.6
1094	0.0	0.9	346	3.77	794	125.6	336	10.6
1095	0.0	0.7	NA	3.90	781	122.5	278	11.2
1096	0.0	0.7	NA	3.50	769	110.1	301	10.6
1097	0.0	1.0	364	3.48	720	134.9	283	9.9
1098	0.0	1.0	NA	3.31	1583	187.6	226	10.4
1099	0.0	1.6	NA	3.61	1827	150.4	268	9.9
1100	0.0	2.3	NA	2.91	1416	110.1	232	10.2
1101	0.0	3.5	378	2.91	1346	116.3	196	10.4
1102	0.0	9.8	836	3.05	1574	144.0	167	11.5
1103	0.0	14.8	514	3.39	1505	141.0	125	11.4
1104	0.5	17.4	294	2.76	1219	153.0	136	12.9
1105	0.5	23.4	NA	2.10	NA	153.0	NA	12.7
1106	0.5	2.9	332	3.60	1492	134.9	277	11.0
1107	0.5	4.8	NA	2.90	3772	249.6	340	11.1
1108	0.5	4.5	450	2.71	2178	139.5	365	12.0
1109	0.5	28.0	556	3.26	3896	198.4	335	10.0
1110	0.5	13.6	NA	2.80	4565	151.9	355	11.6
1111	0.5	17.5	NA	4.05	4455	227.9	381	10.4
1112	1.0	14.1	NA	3.33	6312	345.7	215	10.0
1113	0.0	0.7	309	3.84	858	41.9	253	11.4
1114	0.0	0.7	NA	3.98	629	41.9	NA	11.4
1115	0.0	0.4	NA	4.01	638	35.7	221	11.4
1116	0.0	0.5	NA	3.50	1218	48.1	468	11.0
1117	0.5	1.2	NA	3.89	1284	173.6	239	9.4
1118	0.5	0.8	NA	3.55	694	179.8	194	9.7
1119	0.0	1.5	NA	3.23	996	213.9	204	10.0
1120	0.0	0.9	249	3.29	694	136.4	119	9.7
1121	0.0	1.6	247	3.05	868	138.0	140	9.9
1122	0.0	1.8	227	3.22	781	170.0	118	10.9
1123	0.5	5.2	268	2.63	926	176.0	92	12.7
1124	0.5	1.2	288	3.37	791	57.4	213	10.7
1125	0.0	1.2	NA	3.64	588	51.2	181	10.9
1126	0.0	1.1	NA	3.88	480	40.3	184	10.4
1127	0.0	1.1	NA	3.56	481	46.5	177	10.8
1128	0.0	0.9	258	3.11	443	46.5	160	10.8
1129	0.0	7.2	1015	3.26	3836	198.4	330	9.8
1130	0.0	5.4	NA	3.26	3540	268.2	308	10.7
1131	0.0	4.4	NA	3.28	3756	77.5	385	11.2

1132	0.0	3.3	NA	3.57	3564	161.2	392	10.6
1133	0.0	6.4	614	3.04	3730	207.7	365	11.5
1134	0.0	9.0	NA	3.04	3339	215.0	277	11.2
1135	0.5	3.0	257	3.79	1664	102.3	140	9.9
1136	0.0	5.0	NA	3.53	2054	148.8	134	13.0
1137	0.0	15.4	NA	2.80	NA	148.8	NA	12.9
1138	0.0	1.0	NA	3.63	1536	134.9	233	10.0
1139	0.0	1.0	NA	8.01	1845	170.5	291	9.3
1140	0.0	0.9	NA	3.78	1613	151.9	274	10.1
1141	0.0	1.1	NA	3.73	1727	150.4	231	9.9
1142	0.0	1.1	NA	3.54	1350	99.2	215	10.0
1143	0.0	1.1	333	3.86	1393	105.0	204	9.9
1144	0.0	1.0	393	3.38	1462	109.0	207	10.5
1145	0.0	1.5	316	3.56	1028	175.0	176	11.2
1146	0.5	1.0	299	3.55	1003	170.0	248	12.0
1147	0.0	0.9	460	3.03	721	85.3	301	9.4
1148	0.0	0.9	NA	3.46	1090	172.1	292	10.0
1149	0.0	0.7	NA	3.50	1315	136.4	324	9.3
1150	0.0	0.8	NA	3.55	1054	131.8	264	9.8
1151	0.0	1.1	NA	3.22	973	114.7	252	9.6
1152	0.0	1.6	416	3.71	955	94.0	190	9.8
1153	1.0	2.1	325	2.62	1625	105.0	166	11.1
1154	0.5	3.2	316	2.77	996	155.0	159	11.5
1155	0.5	2.9	275	2.70	985	119.0	127	12.2
1156	1.0	3.0	292	2.41	860	115.0	121	12.6
1157	1.0	3.4	226	2.36	889	66.0	154	12.2
1158	0.0	2.3	586	3.01	2276	114.7	339	10.9
1159	0.0	4.2	NA	3.83	1861	127.1	279	9.5
1160	0.0	4.3	NA	3.30	NA	127.1	NA	9.5
1161	0.0	0.5	217	3.85	453	54.3	270	11.1
1162	0.0	0.6	NA	4.27	192	32.6	243	10.6
1163	0.0	0.3	NA	6.82	182	23.3	271	10.5
1164	0.0	0.7	NA	4.38	130	31.0	208	9.9
1165	0.0	0.4	275	4.02	188	36.0	223	10.0
1166	0.0	0.3	267	3.41	182	26.0	235	9.7
1167	0.0	0.4	239	4.03	255	31.0	210	10.7
1168	0.0	0.6	293	3.43	160	28.0	260	10.5
1169	0.0	0.4	249	3.43	312	60.0	300	10.9
1170	0.0	0.4	282	3.49	327	37.0	260	11.3
1171	1.0	2.4	168	2.56	1056	120.9	108	14.1
1172	0.5	0.6	220	3.35	1620	153.5	311	11.2
1173	0.5	0.5	NA	3.56	1414	136.4	286	10.5
1174	0.5	0.6	NA	3.73	1496	116.3	319	10.0

1175	0.0	25.5	358	3.52	2468	201.5	151	11.5
1176	0.5	22.2	NA	3.71	2115	209.3	177	11.1
1177	0.5	22.5	NA	3.70	1517	186.0	166	11.1
1178	0.0	24.8	NA	3.56	1625	254.2	128	11.1
1179	0.0	0.6	286	3.42	1868	77.5	487	10.0
1180	0.0	1.1	NA	3.83	2145	147.3	429	9.2
1181	0.0	0.9	NA	3.59	2268	156.6	453	9.3
1182	1.0	0.8	NA	3.37	2250	195.3	467	9.6
1183	0.5	0.9	412	3.35	1760	112.0	438	9.6
1184	0.0	0.7	307	3.32	1282	116.0	428	9.6
1185	0.0	0.7	353	3.38	1584	186.0	441	10.0
1186	0.0	0.7	246	2.74	1038	85.0	590	10.2
1187	0.0	0.7	301	3.11	1350	114.0	539	10.9
1188	0.5	0.7	317	3.17	1968	92.0	427	11.1
1189	0.5	0.9	284	3.43	1296	144.0	497	11.3
1190	0.0	3.4	450	3.37	1408	116.3	313	11.2
1191	0.0	4.5	NA	3.83	2814	178.3	403	10.3
1192	0.0	3.0	NA	3.69	1935	165.9	419	11.6
1193	0.0	11.1	NA	3.77	5034	248.0	397	10.4
1194	0.0	12.0	856	3.34	3163	200.0	383	9.9
1195	0.0	12.4	1076	3.21	3522	222.0	242	10.6
1196	0.0	11.4	240	3.70	2529	194.0	236	11.4
1197	0.0	13.5	690	3.28	2616	205.0	182	11.3
1198	0.0	11.7	844	3.40	1840	198.0	132	12.6
1199	0.0	2.5	317	3.46	714	130.2	207	10.1
1200	0.0	1.3	NA	3.70	682	111.6	181	10.2
1201	0.0	2.0	NA	3.16	609	103.9	206	9.6
1202	0.0	6.6	NA	2.84	443	72.9	204	11.0
1203	0.5	0.6	217	3.62	414	76.0	224	10.5
1204	0.5	0.6	NA	3.64	349	60.5	287	10.6
1205	0.5	0.5	NA	3.22	345	55.8	295	11.0
1206	0.5	0.6	NA	2.87	338	58.9	267	10.6
1207	0.5	0.5	269	3.61	208	35.0	271	10.6
1208	0.5	0.5	263	3.53	205	31.0	250	11.1
1209	0.5	0.5	272	3.59	208	27.0	279	10.9
1210	0.5	0.8	254	3.31	462	53.0	325	11.3
1211	0.0	2.3	502	3.56	964	120.9	269	9.6
1212	0.0	2.9	NA	3.59	2378	172.1	240	10.8
1213	0.0	5.0	NA	3.52	2470	165.9	309	9.7
1214	0.0	3.8	NA	3.09	2526	120.9	342	15.9
1215	0.0	6.9	594	2.77	2284	145.0	303	10.3
1216	0.0	5.4	734	2.29	2790	141.0	430	11.3
1217	0.0	3.3	343	3.13	1396	61.0	251	12.2

1218	0.0	3.7	430	2.73	3582	161.0	318	10.1
1219	0.0	2.0	562	1.22	3528	142.0	362	11.1
1220	0.0	3.0	514	1.98	2840	123.0	313	11.4
1221	0.0	3.3	405	2.80	2052	59.0	266	10.8
1222	0.0	3.2	260	3.19	815	127.1	160	12.0
1223	0.0	0.3	233	4.08	622	66.7	358	9.9
1224	0.0	0.5	NA	3.71	471	41.9	354	10.1
1225	0.0	0.6	NA	3.71	NA	27.0	NA	10.1
1226	0.5	8.5	NA	3.34	1428	181.4	88	13.3
1227	0.0	4.0	196	3.45	2496	133.3	212	11.3
1228	0.0	4.1	NA	3.38	2832	175.2	184	11.1
1229	0.0	5.9	NA	3.23	2682	155.0	158	11.3
1230	0.5	7.2	NA	2.69	1750	175.2	81	11.8
1231	0.5	15.1	NA	2.67	NA	113.0	NA	15.0
1232	0.0	5.7	1480	3.26	1960	457.3	213	9.5
1233	0.0	1.3	NA	3.87	1624	210.8	188	9.4
1234	0.0	1.3	NA	3.80	1300	355.0	237	9.7
1235	0.0	1.0	215	3.87	930	268.2	233	9.8
1236	0.0	0.7	208	3.57	956	262.0	249	10.0
1237	0.0	1.4	206	3.41	1226	252.0	270	10.1
1238	0.0	3.1	253	3.14	1870	286.0	300	10.4
1239	0.0	3.2	236	3.17	1722	233.0	280	10.5
1240	0.0	0.9	376	3.86	1015	83.7	238	10.3
1241	0.0	1.2	NA	3.60	1047	111.6	192	10.3
1242	0.0	0.8	NA	3.23	930	99.2	151	10.3
1243	0.0	1.1	325	3.40	1070	116.0	138	10.3
1244	0.0	1.2	318	3.20	819	116.0	120	10.3
1245	0.0	1.2	NA	3.20	NA	116.0	NA	12.9
1246	0.0	0.4	257	3.80	842	97.7	NA	9.2
1247	0.0	0.7	NA	4.11	562	51.2	320	10.3
1248	0.0	0.5	NA	3.72	492	52.7	314	10.1
1249	0.0	0.4	204	3.56	592	68.2	317	11.0
1250	0.0	0.5	244	3.62	1053	82.0	284	10.0
1251	0.0	0.6	230	3.65	1154	64.0	307	11.3
1252	0.0	0.9	270	3.69	938	63.0	308	10.6
1253	0.0	0.8	252	3.74	935	71.0	174	11.7
1254	0.0	0.7	244	3.74	694	58.0	139	12.2
1255	0.0	0.9	255	3.53	739	58.0	158	12.3
1256	0.0	1.3	408	4.22	1387	142.6	295	10.1
1257	0.0	1.2	NA	4.20	1524	131.8	248	10.6
1258	0.0	1.2	NA	4.11	1432	144.2	293	9.9
1259	0.0	1.6	303	3.91	1498	158.1	266	10.8
1260	0.0	2.2	288	3.25	1836	179.0	235	9.6

1261	0.0	1.2	390	3.61	1509	88.4	263	9.0
1262	0.0	0.5	NA	4.52	784	74.4	361	10.1
1263	0.0	0.6	NA	3.69	332	41.9	224	10.1
1264	0.0	0.5	NA	3.71	337	29.5	373	9.7
1265	0.0	0.6	238	4.00	805	46.5	356	9.8
1266	0.0	0.4	205	3.45	859	54.0	321	10.1
1267	0.0	0.7	238	4.00	1035	54.0	338	11.1
1268	0.0	1.0	232	3.64	1544	85.0	444	10.9
1269	0.0	0.7	219	3.18	908	45.0	353	11.3
1270	0.0	0.6	244	3.92	1042	45.0	434	11.6
1271	0.0	0.7	280	3.52	1050	49.0	305	11.5
1272	0.0	1.3	205	3.34	1031	91.5	217	9.8
1273	0.5	1.2	NA	3.18	832	94.6	161	10.2
1274	0.5	1.5	205	2.46	854	111.6	202	10.1
1275	0.5	1.2	184	3.49	781	91.0	162	9.8
1276	0.5	1.2	172	3.34	693	77.0	184	10.5
1277	0.5	1.1	163	3.51	683	84.0	152	11.3
1278	0.5	1.5	173	3.10	523	63.0	147	11.4
1279	0.0	3.0	236	3.42	1403	89.9	493	9.8
1280	0.0	1.9	NA	3.67	701	76.0	392	9.4
1281	0.0	1.8	NA	3.46	1744	110.1	415	10.5
1282	0.0	1.7	196	3.33	894	60.5	383	9.8
1283	0.0	1.9	187	3.28	1472	67.0	343	9.8
1284	0.0	2.1	210	3.62	1080	52.0	292	10.4
1285	0.0	2.4	174	3.41	1404	55.0	310	10.7
1286	0.0	3.5	191	3.43	1009	87.0	312	10.8
1287	0.0	4.2	148	3.39	545	54.0	238	11.8
1288	0.0	0.5	NA	3.85	663	79.1	311	9.7
1289	0.0	0.4	NA	3.66	718	51.2	290	10.2
1290	0.0	0.8	NA	4.09	988	77.5	289	10.0
1291	0.0	0.6	258	3.50	814	84.0	247	9.8
1292	0.0	0.8	265	3.66	800	70.0	226	10.6
1293	0.0	1.4	317	3.50	1167	122.0	285	9.7
1294	0.0	1.5	308	3.60	942	89.0	262	10.5
1295	0.0	0.9	260	3.44	952	78.0	250	11.4
1296	0.0	1.0	NA	3.44	1052	104.0	192	11.5
1297	0.0	1.6	295	3.44	1068	90.0	195	11.9
1298	0.5	0.8	283	3.80	718	108.5	340	10.1
1299	0.0	0.6	NA	3.28	691	136.4	311	10.1
1300	0.0	0.9	263	3.90	880	122.5	218	9.8
1301	0.0	0.9	281	3.90	636	107.0	219	9.8
1302	0.0	1.0	282	3.52	613	85.0	197	10.1
1303	0.0	0.8	229	3.54	505	62.0	179	10.7

1304	0.0	1.0	256	3.54	556	70.0	176	10.8
1305	0.5	0.8	NA	3.53	607	84.0	182	11.4
1306	0.5	0.8	218	3.53	494	58.0	118	12.6
1307	0.5	1.1	216	2.86	451	65.0	98	12.4
1308	0.5	3.2	NA	3.56	1790	139.5	149	10.1
1309	0.0	1.8	NA	2.21	555	206.2	128	9.8
1310	0.0	1.7	NA	1.97	2076	130.2	186	10.0
1311	0.0	2.8	488	3.10	1295	145.7	94	10.3
1312	0.5	3.0	480	2.86	1912	202.0	90	10.0
1313	0.5	4.4	NA	2.26	1367	111.0	192	10.9
1314	0.0	0.9	258	4.01	559	43.4	277	10.4
1315	0.0	0.6	NA	4.08	665	74.4	325	10.2
1316	0.0	0.6	NA	3.50	655	48.1	300	12.5
1317	0.0	0.7	NA	4.29	516	49.6	295	10.4
1318	0.0	0.7	264	2.69	570	72.9	298	10.4
1319	0.0	0.9	267	3.67	407	45.0	269	10.4
1320	0.0	0.7	262	3.58	372	42.0	232	11.0
1321	0.0	1.8	396	3.83	2148	102.3	278	9.9
1322	0.0	1.1	NA	4.25	2094	122.5	193	12.8
1323	0.0	1.6	NA	4.45	1888	141.1	177	10.1
1324	0.0	4.7	478	4.38	1629	237.2	175	10.4
1325	0.0	5.3	NA	3.98	1485	229.4	291	10.8
1326	0.0	5.9	NA	4.17	1602	218.6	205	11.3
1327	0.0	4.3	382	3.85	1159	227.9	216	10.3
1328	0.0	6.7	349	3.46	1612	221.0	253	10.4
1329	0.5	6.3	307	3.11	1275	251.0	194	11.5
1330	0.5	8.6	299	3.55	1266	182.0	178	10.7
1331	0.0	10.9	302	3.38	1460	232.0	261	11.5
1332	0.0	9.9	460	3.38	1640	208.0	145	12.2
1333	0.0	12.5	345	3.47	1270	202.0	111	12.1
1334	0.0	1.4	248	3.58	554	76.0	79	10.3
1335	0.0	0.6	NA	3.69	674	26.4	539	9.9
1336	0.0	0.8	NA	3.19	314	29.5	539	9.3
1337	0.5	0.6	NA	3.56	580	52.7	676	9.8
1338	0.0	0.5	250	3.60	310	35.7	464	9.8
1339	0.0	0.6	228	3.84	351	29.0	495	9.7
1340	0.0	0.5	201	3.73	1345	54.3	445	10.1
1341	0.0	0.5	NA	3.34	1659	111.6	530	9.7
1342	0.0	0.8	NA	3.54	2532	150.4	449	10.1
1343	0.0	2.1	303	3.30	1777	107.0	457	9.6
1344	0.0	2.4	325	3.46	1755	109.0	326	9.7
1345	0.0	2.3	NA	3.07	1839	115.0	317	10.5
1346	0.0	5.0	NA	3.70	2655	225.0	403	10.2

1347	0.0	14.5	NA	3.02	3964	336.0	345	11.3
1348	0.0	11.0	674	3.55	2412	167.4	471	9.8
1349	0.5	16.0	NA	3.06	4100	263.5	358	10.1
1350	0.0	7.0	530	3.04	2750	196.9	321	10.3
1351	0.0	10.2	422	2.34	1475	134.9	273	10.1
1352	0.0	15.5	NA	2.34	NA	87.0	NA	9.0
1353	0.0	0.8	256	3.54	1132	74.4	192	10.5
1354	0.0	0.9	NA	3.24	1430	113.2	187	10.1
1355	0.0	1.4	NA	3.46	1820	102.3	163	10.0
1356	0.0	2.0	243	2.98	1292	94.6	123	10.5
1357	0.5	4.2	286	3.16	1818	102.0	188	11.7
1358	0.5	2.0	225	3.53	933	69.8	200	12.7
1359	0.5	2.0	NA	3.55	1232	58.9	259	12.7
1360	0.5	2.1	NA	3.29	919	66.7	176	11.7
1361	0.5	2.6	253	3.35	1486	81.0	168	11.8
1362	0.0	14.0	808	3.43	2870	153.5	268	11.5
1363	0.0	4.5	NA	2.98	1602	179.8	128	11.5
1364	0.0	13.6	NA	3.72	1508	186.0	169	11.1
1365	0.0	40.0	NA	2.20	NA	186.0	NA	20.8
1366	0.0	0.7	187	3.48	654	120.9	164	11.0
1367	0.0	0.8	NA	3.00	173	33.0	138	11.0
1368	0.0	0.6	202	4.04	180	22.0	137	10.2
1369	0.0	0.7	206	3.99	189	36.0	139	10.8
1370	0.0	0.7	178	3.72	290	53.0	209	10.3
1371	0.0	0.7	184	3.91	230	46.0	173	11.6
1372	0.0	0.5	186	3.20	272	69.0	141	11.6
1373	0.0	0.4	189	3.49	296	35.0	182	11.8
1374	0.0	1.3	360	3.63	1812	97.7	256	9.9
1375	0.0	0.8	NA	3.54	1170	80.6	205	11.1
1376	0.0	0.8	NA	3.55	1096	76.0	200	9.7
1377	0.5	0.8	286	3.52	939	66.0	204	9.9
1378	0.5	0.7	267	3.35	943	71.0	180	9.8
1379	0.0	2.3	NA	3.93	1828	133.3	327	10.2
1380	0.0	2.0	NA	3.59	1636	151.9	282	9.8
1381	0.0	1.9	NA	3.83	1594	124.0	304	9.8
1382	0.0	2.2	286	3.93	1206	176.0	226	9.8
1383	0.0	24.5	1092	3.35	3740	147.3	399	15.2
1384	0.0	0.9	308	3.69	696	51.2	344	9.8
1385	0.0	0.7	NA	3.76	698	57.4	309	9.8
1386	0.0	0.7	NA	3.92	518	55.8	307	10.3
1387	0.0	0.3	366	2.70	586	46.0	341	9.9
1388	0.0	0.7	288	3.78	578	48.0	313	10.2
1389	0.0	0.8	311	3.98	714	59.0	306	10.9

1390	0.5	0.8	317	3.29	888	72.0	295	10.2
1391	0.0	0.9	294	3.51	750	57.0	271	10.2
1392	0.5	1.0	317	3.37	879	65.0	274	11.4
1393	0.0	1.3	300	3.46	1007	68.0	210	11.8
1394	0.0	10.8	932	3.19	2184	161.2	382	10.4
1395	0.5	10.0	NA	2.83	2028	181.4	350	11.7
1396	1.0	14.9	NA	3.09	1832	655.7	348	11.3
1397	1.0	11.7	265	2.75	1159	127.0	275	12.4
1398	0.0	1.5	293	4.30	975	125.6	336	9.1
1399	0.0	1.6	NA	4.07	897	200.0	215	9.1
1400	0.0	2.0	NA	3.85	911	111.6	288	9.8
1401	0.0	1.8	236	3.37	1005	129.0	286	9.7
1402	0.0	1.1	167	3.92	733	105.0	281	10.2
1403	0.0	3.7	347	3.90	2544	221.7	129	11.5
1404	0.0	1.4	226	3.36	810	72.9	117	11.6
1405	0.0	1.0	NA	3.31	952	83.7	99	11.1
1406	0.0	1.3	NA	3.15	842	77.5	89	11.7
1407	0.0	1.8	169	2.87	585	91.0	50	13.3
1408	0.5	1.9	165	3.00	562	71.0	73	12.8
1409	1.0	2.8	NA	2.60	603	84.0	73	13.6
1410	1.0	2.7	196	3.27	672	102.0	56	14.4
1411	1.0	2.5	NA	2.82	NA	102.0	NA	15.4
1412	0.0	0.6	266	3.97	1164	102.3	201	10.1
1413	0.0	0.5	NA	4.22	736	57.4	204	11.9
1414	0.0	0.4	NA	3.87	720	58.9	188	9.9
1415	0.0	0.6	262	3.64	877	91.0	194	10.1
1416	0.0	0.6	223	3.89	983	118.0	201	10.5
1417	0.0	1.0	250	3.64	1073	90.0	182	10.6
1418	0.0	0.8	254	3.38	1046	101.0	189	10.9
1419	0.0	1.0	296	3.91	1525	169.0	171	11.2
1420	0.0	0.9	306	3.52	1203	101.0	173	11.1
1421	0.0	0.7	286	2.90	1692	141.1	381	9.6
1422	0.0	0.2	NA	3.57	902	102.3	362	9.9
1423	0.0	0.6	NA	3.48	1593	119.4	314	9.9
1424	0.0	0.9	381	3.31	1406	123.0	328	10.8
1425	0.0	0.7	420	3.65	1429	84.0	375	9.9
1426	0.0	0.7	394	3.55	1403	101.0	312	10.6
1427	0.5	1.0	NA	3.20	1527	92.0	414	11.1
1428	0.5	1.0	385	3.15	1080	103.0	382	11.4
1429	0.0	2.1	392	3.43	1395	184.5	328	10.2
1430	0.0	2.1	NA	4.06	1243	268.2	331	10.2
1431	0.0	3.0	NA	3.47	1368	217.0	298	10.0
1432	0.0	4.7	236	3.55	1391	138.0	332	9.9

1433	0.0	3.8	NA	3.99	1956	179.8	210	10.2
1434	0.0	2.6	NA	2.99	2144	133.3	208	10.1
1435	0.0	2.3	296	3.51	1182	114.0	173	10.0
1436	0.0	2.2	286	3.41	1267	95.0	146	10.7
1437	0.0	1.7	365	3.32	1033	99.0	220	10.4
1438	0.0	1.4	210	3.13	1231	122.0	175	10.8
1439	0.0	2.2	229	3.16	1025	123.0	96	11.3
1440	0.0	2.5	197	3.19	757	161.0	67	12.3
1441	0.0	2.5	152	3.19	NA	161.0	84	12.3
1442	0.0	24.6	NA	2.72	NA	161.0	NA	13.4
1443	0.0	0.6	235	3.20	1758	107.0	228	10.8
1444	0.0	0.7	NA	3.27	1002	116.3	187	10.3
1445	0.0	0.7	223	2.77	1276	122.5	153	11.1
1446	0.0	0.6	198	3.11	1251	112.0	180	10.8
1447	0.0	0.9	237	3.25	1375	112.0	150	11.4
1448	0.0	0.7	337	1.68	2031	182.0	144	11.2
1449	1.0	0.7	516	1.17	2720	141.0	247	10.6
1450	0.5	1.4	236	2.40	1574	256.0	108	12.7
1451	0.5	3.6	NA	2.49	675	118.0	92	12.6
1452	0.5	1.4	209	3.01	933	130.0	102	12.0
1453	0.0	0.5	223	3.80	1044	80.6	514	10.0
1454	0.0	0.6	246	3.44	642	79.1	NA	10.7
1455	0.0	0.5	149	4.04	598	52.7	166	9.9
1456	0.0	0.5	NA	3.60	596	68.2	166	9.9
1457	0.0	0.6	155	4.01	415	58.9	148	10.5
1458	0.0	0.5	159	3.82	362	48.0	142	9.7
1459	0.0	0.5	165	3.62	383	43.0	152	10.3
1460	0.0	0.5	162	3.16	379	41.0	158	10.3
1461	0.0	0.8	190	3.66	466	65.0	169	11.0
1462	0.0	0.9	176	3.88	367	53.0	165	11.1
1463	0.0	0.7	178	3.66	366	48.0	150	11.3
1464	0.0	0.7	255	3.74	1024	77.5	281	10.2
1465	0.0	0.8	NA	3.82	1052	89.9	284	9.9
1466	0.0	0.8	265	4.18	1185	35.7	272	9.7
1467	0.0	1.3	291	3.51	1248	96.0	249	9.5
1468	0.0	1.9	266	3.25	1274	96.0	224	10.3
1469	0.0	5.8	432	2.92	1734	118.0	230	10.8
1470	0.5	8.2	NA	2.92	2200	194.0	269	12.0
1471	0.5	12.0	NA	2.10	NA	194.0	NA	13.3
1472	0.0	2.5	382	3.55	1516	238.7	126	10.3
1473	0.0	2.7	NA	3.46	1049	128.7	100	10.3
1474	0.5	2.6	362	3.29	1082	136.4	107	10.8
1475	0.5	3.8	306	3.14	1119	152.0	112	10.4

1476	1.0	5.4	294	2.82	1132	153.0	95	11.5
1477	0.0	0.6	213	4.07	5300	57.4	240	11.0
1478	0.0	0.5	NA	4.22	294	40.3	219	9.9
1479	0.0	0.5	270	3.33	522	65.1	235	10.4
1480	0.0	0.5	251	3.90	367	57.0	206	10.1
1481	0.0	0.6	252	3.92	300	37.0	199	10.6
1482	0.0	0.6	234	3.65	327	36.0	195	10.8
1483	0.0	0.5	238	3.74	287	36.0	236	11.3
1484	0.0	0.5	244	3.74	296	35.0	224	11.7
1485	0.5	0.6	NA	3.33	733	85.3	259	10.1
1486	1.0	0.5	NA	2.98	299	40.3	162	10.1
1487	1.0	0.6	NA	3.25	260	34.1	215	9.8
1488	1.0	0.6	227	3.49	212	32.0	201	9.7
1489	1.0	0.6	221	2.59	255	44.0	NA	10.8
1490	1.0	0.5	204	3.20	253	29.0	160	11.3
1491	1.0	0.8	210	3.30	319	36.0	232	12.0
1492	0.0	3.9	396	3.20	1440	153.5	156	10.0
1493	1.0	3.4	235	2.75	1363	174.0	75	10.5
1494	1.0	12.0	NA	3.10	NA	174.0	NA	11.2
1495	0.5	0.7	252	4.01	1210	72.9	309	9.5
1496	0.0	0.5	NA	3.18	1233	114.7	303	9.5
1497	0.0	0.9	346	3.37	1098	122.5	298	10.0
1498	0.0	1.1	NA	3.26	1044	85.3	293	10.0
1499	0.0	1.1	290	3.30	1044	89.9	272	11.2
1500	0.0	1.2	349	3.36	846	109.0	262	9.9
1501	0.0	1.4	324	3.35	869	127.0	242	11.1
1502	0.0	1.7	325	3.64	949	125.0	251	11.0
1503	0.0	3.3	303	3.51	873	134.0	223	17.8
1504	0.0	1.5	375	3.51	522	68.0	229	11.9
1505	0.0	1.6	339	3.22	468	53.0	193	11.9
1506	0.0	1.3	324	2.92	478	55.0	166	11.6
1507	0.5	1.3	NA	3.76	1282	100.8	114	10.3
1508	0.5	0.9	212	3.83	742	76.0	102	10.8
1509	0.5	1.9	252	3.53	1004	105.0	61	10.6
1510	0.5	3.3	245	3.53	533	92.0	63	11.9
1511	1.0	4.6	242	3.11	518	89.0	85	12.0
1512	1.0	3.6	196	3.02	372	88.0	69	13.0
1513	1.0	5.0	252	3.53	404	90.0	75	12.4
1514	1.0	3.8	NA	3.12	386	75.0	68	13.6
1515	0.5	1.2	232	3.98	1074	100.8	223	9.9
1516	0.0	0.8	NA	4.00	477	145.7	197	9.9
1517	0.0	1.2	187	3.21	996	141.1	148	9.7
1518	0.0	0.8	230	3.21	845	83.0	196	9.9

1519	0.0	0.5	260	4.30	705	75.0	192	11.0
1520	0.0	0.7	NA	3.63	585	47.0	214	11.0
1521	0.0	0.5	400	3.40	1134	96.1	356	10.2
1522	0.0	0.4	NA	4.04	943	80.6	298	10.2
1523	0.0	0.9	404	3.43	1866	79.1	236	9.9
1524	0.0	1.1	NA	3.22	2070	69.8	261	9.9
1525	0.5	2.0	404	2.97	2013	86.8	238	10.0
1526	0.5	4.0	380	2.79	2388	86.0	374	10.9
1527	0.0	5.9	1276	3.85	1204	203.1	216	10.7
1528	0.0	23.8	NA	3.58	3250	344.1	170	10.7
1529	0.5	20.1	624	2.68	3462	319.3	217	11.4
1530	0.5	22.5	NA	2.93	NA	206.0	NA	12.7
1531	0.0	0.5	NA	3.68	856	55.8	146	10.4
1532	0.0	0.7	NA	3.63	920	55.8	169	10.4
1533	0.0	0.6	224	2.82	822	51.2	159	10.1
1534	0.0	0.9	258	3.36	1086	57.0	147	9.7
1535	0.0	3.1	288	3.07	1297	59.0	183	11.0
1536	0.0	6.8	269	2.08	2200	87.0	283	10.7
1537	0.0	7.6	400	2.28	1746	85.0	145	13.9
1538	0.0	11.4	608	3.31	1790	151.9	298	10.8
1539	0.0	17.5	NA	3.02	500	232.5	306	10.8
1540	0.5	17.5	424	3.13	1727	186.0	272	12.5
1541	1.0	34.6	128	3.04	1016	105.0	308	11.8
1542	0.0	0.5	NA	3.89	897	66.7	423	10.1
1543	0.0	0.6	NA	3.51	871	60.5	433	10.1
1544	0.0	0.5	240	3.46	516	38.8	356	9.7
1545	0.0	0.5	262	3.38	546	32.0	402	9.9
1546	0.0	0.4	244	3.73	511	38.0	369	10.5
1547	0.0	0.5	250	3.54	529	35.0	439	10.3
1548	0.0	0.6	221	3.52	530	35.0	444	10.6
1549	0.0	0.4	244	3.61	639	34.0	431	11.7
1550	0.0	0.6	261	3.65	772	42.0	419	11.7
1551	0.0	0.5	273	3.67	1010	63.0	418	10.8
1552	0.5	1.6	215	4.17	936	134.9	176	9.6
1553	0.5	1.2	NA	3.86	811	159.7	168	9.6
1554	0.5	1.5	279	3.98	938	182.9	164	9.5
1555	0.5	1.8	242	3.76	815	121.0	150	9.6
1556	0.5	3.0	274	3.60	859	211.0	132	10.5
1557	0.5	2.1	214	3.15	699	142.0	118	10.0
1558	0.0	3.8	426	3.22	2716	210.8	228	10.6
1559	0.0	5.1	NA	3.01	2418	151.9	150	10.6
1560	0.0	7.1	367	3.34	2073	125.0	103	9.8
1561	0.0	8.5	NA	2.32	1627	106.0	105	11.6

1562	0.0	8.5	NA	2.32	NA	106.0	NA	12.0
1563	0.0	0.9	360	3.65	3186	94.6	269	9.7
1564	0.0	0.2	NA	3.28	3742	144.2	247	9.7
1565	0.0	2.2	672	3.08	2628	166.0	210	10.0
1566	0.0	1.5	504	3.30	2646	98.0	238	10.5
1567	0.0	1.3	381	3.39	370	88.0	182	10.5
1568	0.5	2.0	NA	3.39	2247	83.0	189	10.5
1569	0.5	1.0	343	3.33	1742	79.0	200	11.9
1570	0.5	0.8	NA	3.40	2199	83.0	183	11.9
1571	0.0	4.5	372	3.38	2310	167.4	240	12.4
1572	0.0	2.8	NA	3.18	2232	221.7	307	12.4
1573	0.0	4.6	347	3.06	1969	150.0	184	10.0
1574	0.0	7.3	NA	2.40	NA	150.0	NA	12.8
1575	1.0	14.1	448	2.43	1833	134.0	210	11.0
1576	0.0	1.0	309	3.66	1214	158.1	309	9.7
1577	0.0	1.0	NA	3.41	1875	164.0	243	9.7
1578	0.0	1.2	500	3.77	1602	137.0	241	9.7
1579	0.0	2.4	552	3.71	1644	197.0	171	10.0
1580	0.0	4.5	526	3.63	1926	260.0	237	10.0
1581	0.0	4.7	410	3.35	1688	224.0	228	10.9
1582	0.0	8.6	326	3.42	1199	121.0	191	12.4
1583	0.0	5.1	247	3.23	1115	136.0	260	13.2
1584	0.0	0.7	274	3.66	1065	88.4	251	10.1
1585	0.0	0.5	NA	2.56	1260	158.1	288	10.1
1586	0.0	1.0	312	3.20	925	125.0	265	10.0
1587	0.0	0.7	291	3.57	891	94.0	255	10.7
1588	0.0	0.5	322	3.30	990	101.0	254	10.2
1589	0.0	1.0	291	3.21	985	100.0	276	10.5
1590	0.0	1.1	310	2.99	826	87.0	212	10.5
1591	0.0	1.3	313	3.40	967	84.0	152	11.7
1592	0.0	2.0	275	3.03	819	119.0	125	12.1
1593	0.0	0.5	223	3.70	884	76.0	231	9.6
1594	0.0	0.8	NA	3.53	943	108.5	261	9.6
1595	0.0	0.7	231	3.33	857	110.0	243	9.6
1596	0.0	0.6	266	3.66	682	81.0	250	10.1
1597	0.0	0.9	250	3.58	703	99.0	259	10.6
1598	0.0	0.8	255	3.44	395	49.0	304	10.1
1599	0.0	0.7	258	3.44	585	85.0	272	11.0
1600	0.0	0.7	NA	3.44	515	73.0	229	10.9
1601	0.0	0.8	251	3.47	461	54.0	217	10.5
1602	0.0	2.3	316	3.35	1601	179.8	394	9.7
1603	0.0	2.0	316	3.33	1263	145.0	330	9.7
1604	0.5	14.0	257	2.41	383	296.0	283	14.9

1605	0.5	27.6	NA	2.60	NA	296.0	NA	13.3
1606	0.0	0.7	215	3.35	645	93.0	165	9.6
1607	0.0	0.1	NA	4.10	464	61.0	184	9.6
1608	0.0	0.7	195	3.61	464	57.0	198	9.8
1609	0.0	0.9	199	3.70	430	48.0	186	10.5
1610	0.5	4.5	191	3.05	1020	175.2	139	11.4
1611	1.0	4.8	NA	2.48	773	165.9	96	11.4
1612	1.0	6.2	NA	2.37	300	100.0	88	10.9
1613	0.0	3.3	302	3.41	310	83.7	95	11.5
1614	0.0	2.2	NA	3.35	410	99.2	69	11.5
1615	0.0	3.0	225	3.26	388	127.0	70	11.7
1616	0.0	2.1	224	3.13	314	90.0	78	12.5
1617	0.0	3.4	518	1.96	2250	203.1	190	10.7
1618	0.0	4.4	NA	3.25	2457	194.0	142	10.7
1619	0.0	8.1	984	3.06	2709	291.0	140	10.9
1620	0.0	14.8	604	2.89	3009	272.0	117	16.4
1621	0.0	0.4	267	3.02	1001	133.3	265	10.6
1622	0.0	0.2	NA	3.21	848	85.0	250	10.6
1623	0.0	0.5	281	3.18	1008	92.0	273	10.1
1624	0.0	0.9	199	2.99	1309	149.0	263	11.5
1625	0.0	0.9	514	3.06	2622	105.4	284	9.8
1626	0.5	0.9	578	3.35	976	116.3	322	11.2
1627	0.0	0.7	NA	3.35	1461	154.0	274	10.2
1628	0.0	13.0	1336	4.16	3510	209.3	338	11.9
1629	0.0	14.5	NA	3.94	6665	335.0	287	11.9
1630	0.0	1.5	253	3.79	1006	139.5	341	9.7
1631	0.0	0.8	240	3.58	834	87.0	330	9.5
1632	0.0	1.6	442	2.95	820	85.3	181	10.1
1633	0.5	1.9	NA	3.58	920	80.0	141	9.9
1634	0.5	0.6	280	3.35	1093	128.7	295	9.8
1635	0.5	0.5	NA	3.43	1106	116.0	382	9.8
1636	0.5	0.4	277	3.71	1140	126.0	258	9.6
1637	0.0	0.8	300	2.94	1794	130.2	319	11.2
1638	0.5	0.7	NA	3.35	1498	87.0	211	11.0
1639	0.5	1.7	NA	3.60	NA	87.0	NA	11.0
1640	0.0	0.4	232	3.72	369	51.2	326	10.1
1641	0.0	0.3	NA	3.62	587	55.0	309	10.1
1642	0.0	0.2	240	4.04	533	36.0	311	9.7
1643	0.0	0.3	269	3.79	510	42.0	325	10.8
1644	0.0	0.5	279	3.59	524	35.0	399	10.8
1645	0.0	0.4	271	3.53	430	37.0	358	11.0
1646	0.0	0.5	261	3.65	423	41.0	349	11.1
1647	0.0	0.5	277	4.13	368	37.0	354	11.4

1648	0.0	4.4	316	3.62	1119	114.7	282	9.8
1649	0.0	4.2	NA	3.24	1171	125.0	194	9.8
1650	0.0	6.0	308	3.50	1323	180.0	194	11.1
1651	1.0	14.2	185	2.16	1225	273.0	211	14.1
1652	0.0	1.9	354	2.97	1553	196.9	277	9.9
1653	0.5	1.5	NA	3.45	2364	104.0	244	9.9
1654	0.0	4.9	295	3.37	1258	97.0	262	9.9
1655	0.0	14.5	752	2.94	2673	171.0	314	9.9
1656	0.0	8.1	728	2.84	2014	87.0	255	10.9
1657	0.5	11.1	731	2.72	2232	148.0	264	11.5
1658	0.5	15.2	581	3.07	2482	171.0	253	12.3
1659	0.5	11.8	NA	3.87	NA	171.0	NA	13.4
1660	0.0	8.0	468	2.81	2009	198.4	233	10.0
1661	0.0	11.0	NA	2.53	2304	224.0	245	10.0
1662	0.0	3.9	350	3.22	1268	272.8	270	9.6
1663	0.0	5.0	324	3.25	950	137.0	214	9.8
1664	0.0	7.4	652	2.84	1583	99.0	197	11.7
1665	0.0	8.8	740	2.58	2220	171.0	201	11.0
1666	0.5	0.6	273	3.65	794	52.7	305	9.6
1667	0.5	0.4	NA	2.98	776	61.0	294	9.6
1668	0.0	2.1	387	3.77	1613	150.4	185	10.1
1669	0.0	1.5	NA	3.33	1722	165.0	188	10.1
1670	0.0	2.8	448	3.76	1878	166.0	183	10.7
1671	0.0	2.9	397	3.72	2049	190.0	161	10.6
1672	0.5	9.6	329	3.31	976	78.0	191	10.9
1673	0.0	3.1	55	3.43	1217	124.0	168	11.7
1674	0.0	6.1	1712	2.83	3681	158.1	297	10.0
1675	0.0	5.6	NA	2.70	4020	97.0	314	10.0
1676	0.0	5.9	1116	2.95	3456	91.0	314	10.2
1677	0.5	1.5	334	2.87	2595	86.0	153	11.1
1678	0.0	0.8	324	3.51	1237	66.7	371	10.0
1679	0.0	0.8	NA	3.20	1123	56.0	323	10.0
1680	0.0	0.7	299	3.61	1051	63.0	316	9.9
1681	0.0	0.8	304	3.50	977	71.0	306	11.0
1682	0.0	0.6	NA	3.13	752	46.0	328	11.0
1683	0.0	0.6	383	2.54	929	52.0	365	11.3
1684	0.0	0.6	295	3.40	759	60.0	284	11.9
1685	0.0	1.0	301	3.36	842	62.0	295	12.1
1686	0.0	1.3	242	3.20	1556	175.2	195	10.6
1687	0.0	1.0	NA	3.08	918	918.0	155	10.6
1688	0.0	0.8	209	3.71	917	119.0	153	10.5
1689	0.0	0.6	299	3.36	2769	220.1	303	10.9
1690	0.0	0.9	340	3.59	2195	131.0	281	11.7

1691	0.0	0.5	227	3.61	676	83.0	249	9.9
1692	0.0	1.1	246	3.35	924	113.2	317	10.0
1693	0.0	1.1	NA	3.52	1099	88.0	327	10.0
1694	0.0	1.2	283	3.72	1494	91.0	328	10.1
1695	0.0	7.1	243	3.03	983	158.1	97	11.2
1696	0.5	3.2	NA	2.77	1030	120.0	76	11.2
1697	0.5	3.6	209	2.87	602	81.0	80	10.6
1698	0.5	5.8	205	3.41	562	86.0	69	12.1
1699	0.5	6.9	206	3.10	585	125.0	95	11.7
1700	0.5	6.6	238	2.94	549	98.0	78	12.4
1701	1.0	8.3	214	2.81	606	114.0	74	12.5
1702	0.5	8.2	198	2.48	548	154.0	60	13.2
1703	0.0	3.1	227	3.75	1136	110.0	264	10.0
1704	0.0	7.1	NA	4.04	1474	187.0	280	10.0
1705	0.0	13.0	284	3.73	1094	126.0	193	9.9
1706	0.0	17.1	NA	3.15	1427	149.0	294	10.9
1707	0.0	0.7	193	3.85	466	53.0	156	10.3
1708	0.0	0.5	NA	3.90	718	94.0	196	10.3
1709	0.0	0.4	186	3.81	480	58.0	165	9.9
1710	0.0	0.4	166	3.18	578	69.0	189	9.9
1711	0.0	0.4	183	3.39	339	32.0	266	10.8
1712	0.0	0.4	170	3.67	464	36.0	206	11.5
1713	0.0	1.1	336	3.74	823	84.0	242	9.7
1714	0.0	0.6	NA	3.79	539	60.0	234	11.8
1715	0.0	0.8	257	3.44	553	82.0	263	10.1
1716	0.0	1.1	329	3.61	1247	94.0	218	10.5
1717	0.0	1.3	314	2.89	1470	101.0	213	10.5
1718	0.0	1.8	278	3.11	1492	160.0	122	11.4
1719	0.0	0.5	280	4.23	377	56.0	227	10.6
1720	0.5	0.5	NA	3.90	300	31.0	232	10.6
1721	0.5	0.3	339	3.03	314	44.0	272	10.9
1722	0.0	1.1	414	3.44	1003	99.0	271	9.6
1723	0.0	1.0	NA	3.55	1054	112.0	247	9.6
1724	0.0	1.1	328	3.51	958	119.0	255	9.9
1725	0.0	1.0	358	2.81	1066	81.0	234	10.4
1726	0.0	1.8	411	3.20	1240	109.0	298	10.3
1727	0.0	1.7	388	3.11	1116	106.0	294	11.3
1728	0.0	1.9	450	3.33	1161	83.0	242	10.9
1729	0.0	2.1	414	3.11	1047	85.0	240	10.9
1730	0.0	3.1	277	2.97	1110	125.0	221	9.8
1731	0.5	4.2	326	2.41	876	95.0	230	10.9
1732	0.5	2.5	428	3.09	1578	149.0	583	10.9
1733	1.0	8.5	337	2.93	1510	181.0	554	10.7

1734	0.5	8.0	429	3.09	1563	156.0	471	11.6
1735	0.0	5.6	232	3.59	1120	98.0	248	10.9
1736	0.0	3.2	375	3.14	857	89.0	375	9.5
1737	0.0	1.3	NA	3.48	1130	83.0	371	9.5
1738	0.0	1.8	379	3.46	542	59.0	251	10.1
1739	0.0	2.2	378	3.11	938	68.0	262	10.1
1740	0.5	2.4	331	3.47	955	79.0	201	11.0
1741	0.0	2.3	293	3.25	716	72.0	155	11.7
1742	0.0	2.8	322	3.06	2562	91.0	231	9.5
1743	0.0	1.2	NA	3.20	1123	87.0	196	9.5
1744	0.0	1.0	333	3.21	1190	97.0	227	10.4
1745	0.5	1.1	432	3.57	1406	190.0	248	11.4
1746	0.0	1.2	NA	3.85	652	77.0	247	11.4
1747	0.0	1.1	472	3.51	973	121.0	284	10.5
1748	0.5	2.3	640	3.59	968	229.0	266	10.8
1749	0.5	1.4	560	2.74	1294	192.0	317	10.9
1750	0.0	3.4	356	3.12	1911	92.0	318	11.2
1751	0.0	8.4	NA	3.63	1390	132.0	217	11.2
1752	0.0	9.3	376	3.70	1838	142.0	246	11.4
1753	0.0	10.6	308	3.27	3012	145.0	193	12.0
1754	0.0	3.5	348	3.20	938	120.0	296	10.0
1755	0.0	2.9	NA	3.46	1119	104.0	278	10.0
1756	0.0	2.8	342	3.61	1386	100.0	239	12.9
1757	0.5	9.8	303	2.89	1184	159.0	190	11.9
1758	0.0	0.5	318	3.32	613	70.0	279	10.2
1759	0.0	0.8	NA	3.99	578	58.0	212	10.2
1760	0.0	0.5	NA	2.56	687	133.0	328	11.2
1761	0.0	0.7	263	3.47	458	37.0	280	10.5
1762	0.0	0.6	294	3.14	363	43.0	268	11.9
1763	0.5	0.6	NA	3.03	270	21.0	300	11.9
1764	0.0	1.2	242	3.37	463	39.0	229	11.4
1765	1.0	6.6	222	2.33	620	106.0	195	12.1
1766	0.5	6.4	344	2.75	834	82.0	149	11.0
1767	0.5	6.8	NA	2.78	633	66.0	87	11.0
1768	0.0	3.6	374	3.50	1428	188.0	151	10.1
1769	0.0	10.0	NA	3.45	2320	286.0	191	10.1
1770	0.0	15.1	772	3.14	2304	213.0	199	10.9
1771	0.0	17.9	424	2.98	1837	241.0	222	12.2
1772	0.0	13.5	528	2.94	1852	242.0	212	14.7
1773	0.5	15.8	320	2.57	1474	222.0	134	12.9
1774	1.0	23.8	201	2.70	1010	246.0	117	13.5
1775	0.0	1.0	448	3.74	1128	71.0	228	10.2
1776	0.0	1.1	359	3.52	1048	62.0	294	11.2

1777	0.5	1.0	353	3.00	522	57.0	129	11.2
1778	0.5	1.0	321	3.50	955	111.0	289	9.7
1779	0.5	1.4	NA	3.77	1074	151.0	270	9.7
1780	0.5	1.1	331	4.21	1007	135.0	243	10.0
1781	0.5	1.1	296	3.62	1078	107.0	295	10.9
1782	1.0	1.4	306	3.24	893	101.0	242	10.4
1783	0.5	1.9	350	3.42	944	95.0	261	11.4
1784	0.5	2.4	355	3.44	965	113.0	175	11.5
1785	0.5	2.9	NA	3.44	828	115.0	168	11.3
1786	0.0	0.5	226	2.93	674	58.0	153	9.8
1787	0.0	0.4	NA	3.68	550	67.0	156	9.8
1788	0.0	0.7	237	3.78	632	165.0	159	10.1
1789	0.0	0.5	249	3.21	358	38.0	219	10.0
1790	0.0	0.4	261	3.58	412	44.0	219	10.7
1791	0.0	0.3	192	3.29	369	72.0	166	10.8
1792	0.0	2.2	328	3.46	1677	87.0	202	9.6
1793	0.0	4.2	NA	3.08	1556	166.0	259	9.6
1794	0.0	4.2	568	3.37	1556	166.0	247	10.3
1795	0.0	1.6	NA	3.07	1995	128.0	372	9.6
1796	0.0	2.8	NA	3.51	3708	178.0	394	9.6
1797	0.0	3.8	422	3.16	2625	122.0	414	9.9
1798	0.0	5.8	256	2.65	4450	104.0	609	10.0
1799	0.0	6.5	498	2.53	3998	186.0	481	11.7
1800	0.0	2.2	572	3.77	2520	92.0	309	9.5
1801	0.0	3.1	293	3.24	3646	169.0	404	10.3
1802	0.0	2.9	656	3.43	3474	131.0	444	9.9
1803	0.0	2.3	832	3.44	2991	116.0	333	11.3
1804	0.0	1.0	219	3.85	640	145.0	95	10.7
1805	0.0	0.9	NA	3.08	712	63.0	130	10.7
1806	0.5	1.0	317	3.56	1636	84.0	394	9.8
1807	0.0	1.3	NA	3.25	1976	70.0	313	9.8
1808	0.0	1.7	422	3.72	2379	77.0	340	10.0
1809	0.0	1.5	404	3.42	2700	85.0	361	10.1
1810	0.0	2.3	308	3.31	2532	81.0	328	10.6
1811	0.0	5.6	338	3.70	2139	185.0	215	9.9
1812	0.0	3.7	NA	3.32	1497	128.0	165	9.9
1813	0.0	5.4	296	3.31	1640	215.0	125	10.9
1814	0.0	7.1	NA	3.08	2090	131.0	109	10.9
1815	0.0	12.6	420	2.91	1674	193.0	125	11.5
1816	0.0	0.5	198	3.77	911	57.0	280	9.8
1817	0.0	0.6	NA	3.75	938	57.0	258	9.8
1818	0.0	0.6	221	3.46	1130	56.0	252	10.3
1819	0.0	0.6	228	3.52	1099	66.0	285	10.5

1820	0.0	0.7	276	3.71	1957	107.0	309	10.2
1821	0.0	0.6	284	3.36	979	86.0	281	11.5
1822	0.0	0.6	241	3.47	731	46.0	261	11.5
1823	0.0	1.6	325	3.69	2583	142.0	284	9.6
1824	0.0	1.2	NA	3.54	2442	112.0	173	9.6
1825	0.0	1.0	299	3.70	2508	105.0	229	10.2
1826	0.0	1.2	308	3.26	2456	103.0	309	10.2
1827	0.0	0.9	313	3.30	2022	131.0	308	11.0
1828	0.0	1.3	339	3.46	1838	104.0	237	11.0
1829	0.0	1.1	313	3.30	1506	102.0	177	11.5
1830	1.0	17.9	175	2.10	705	338.0	62	12.9
1831	0.0	1.3	304	3.52	1622	71.0	255	9.5
1832	0.0	1.1	NA	3.39	1351	81.0	256	9.5
1833	0.0	1.2	288	3.28	1498	65.0	246	10.1
1834	0.0	1.3	276	3.04	1244	80.0	224	10.2
1835	0.0	1.1	412	3.99	1293	91.0	422	9.6
1836	0.0	1.2	NA	3.73	1165	95.0	195	9.6
1837	0.0	1.0	380	3.39	1220	83.0	411	10.5
1838	0.0	1.3	298	3.40	1005	97.0	397	10.2
1839	0.0	1.3	291	3.44	1082	85.0	251	9.5
1840	0.0	1.2	NA	3.70	1246	132.0	280	9.5
1841	0.0	1.3	368	3.18	1205	99.0	247	10.6
1842	0.0	1.4	452	3.47	1351	106.0	287	10.4
1843	0.0	1.3	365	3.22	1048	112.0	256	11.1
1844	0.0	1.2	353	3.72	930	107.0	248	11.2
1845	0.0	1.4	351	3.27	735	76.0	258	11.5
1846	0.0	0.8	253	3.48	688	57.0	252	10.0
1847	0.0	2.0	310	3.36	1257	122.0	143	9.8
1848	0.0	2.6	NA	3.35	2358	222.0	46	9.8
1849	0.0	6.4	373	3.46	1768	120.0	258	10.1
1850	0.0	5.4	NA	2.66	2133	161.0	117	10.1
1851	0.5	4.4	426	3.37	1869	147.0	237	11.5
1852	0.5	4.0	402	3.34	1778	136.0	240	10.9
1853	0.5	8.7	310	3.89	637	117.0	298	9.6
1854	0.0	9.0	NA	2.74	2718	155.0	245	9.6
1855	0.5	4.0	416	3.99	960	86.0	269	9.8
1856	0.5	3.0	NA	3.28	1328	97.0	294	9.8
1857	0.5	3.0	425	3.56	853	92.0	220	10.2
1858	0.5	13.3	NA	2.40	NA	92.0	NA	10.2
1859	0.0	1.4	294	3.57	722	93.0	283	9.8
1860	0.0	0.9	NA	3.35	828	94.0	242	9.8
1861	0.0	0.6	332	1.62	1728	110.0	371	9.7
1862	0.0	1.4	246	3.12	860	76.0	234	10.4

1863	0.0	1.9	254	2.76	1194	121.0	261	11.1
1864	0.0	1.8	235	3.50	807	106.0	204	11.3
1865	0.0	2.2	269	3.23	683	116.0	225	11.4
1866	0.0	3.2	339	3.18	3336	205.0	304	9.9
1867	0.0	5.9	NA	3.06	4315	156.0	271	9.9
1868	0.0	11.0	446	2.93	4356	135.0	121	12.1
1869	0.0	11.4	NA	2.00	4317	162.0	179	11.6
1870	0.5	12.0	502	2.68	3910	141.0	137	11.5
1871	0.0	8.6	546	3.73	1070	127.0	291	11.2
1872	0.0	9.3	NA	3.52	1494	107.0	276	11.2
1873	0.0	15.5	337	3.09	1158	140.0	69	13.2
1874	1.0	8.5	194	2.98	815	163.0	122	12.3
1875	0.5	5.7	NA	2.88	942	163.0	183	12.3
1876	0.0	6.6	1000	3.07	3150	193.0	299	10.9
1877	0.0	4.7	NA	2.63	3525	234.0	170	10.8
1878	0.0	12.5	524	2.46	1657	184.0	268	11.9
1879	0.0	5.4	299	2.58	3568	116.0	180	12.1
1880	0.0	6.3	388	3.48	1980	180.0	96	12.5
1881	0.5	10.2	309	3.27	2510	246.0	102	12.5
1882	0.5	11.4	NA	2.37	NA	246.0	NA	12.1
1883	0.0	2.4	646	3.83	855	127.0	306	10.3
1884	0.0	3.0	351	3.75	1333	161.0	229	10.5
1885	0.0	0.8	328	3.31	1105	137.0	293	10.9
1886	0.0	0.8	NA	3.19	857	81.0	264	10.9
1887	0.0	0.8	338	2.99	946	67.0	226	10.8
1888	0.0	1.2	275	3.43	1142	75.0	217	11.3
1889	0.5	1.9	NA	2.92	2145	98.0	178	11.4
1890	1.0	2.2	230	3.65	1577	70.0	152	11.1
1891	0.0	1.1	340	3.37	289	97.0	243	10.2
1892	0.0	1.3	NA	2.51	1960	122.0	191	10.2
1893	0.0	2.0	381	3.77	2115	137.0	237	10.8
1894	0.0	2.4	342	3.76	1653	150.0	213	10.8
1895	0.0	5.2	NA	2.23	601	135.0	206	12.3
1896	0.5	17.7	NA	1.74	572	125.0	167	14.8
1897	0.0	1.0	393	3.57	1307	74.0	295	10.5
1898	0.0	0.8	NA	3.62	1057	82.0	NA	10.5
1899	0.0	0.9	354	3.45	1100	89.0	270	11.4
1900	0.0	0.7	335	3.95	657	52.0	268	10.6
1901	0.0	0.6	299	3.53	536	41.0	232	10.1
1902	0.0	0.8	293	3.27	691	48.0	328	10.4
1903	0.0	0.7	303	3.49	906	64.0	276	11.4
1904	0.0	1.0	301	3.40	940	57.0	284	11.1
1905	0.0	1.0	372	3.25	1190	140.0	248	10.6

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1906     0.0    0.9     NA      3.20       1346  114.0        304      10.6
1907     0.5    1.7     NA      3.04       1458   76.0        353      10.6
1908     1.0    2.1     NA      2.65        834   98.0        214      12.5
1909     0.0    0.5    219      3.93        663   45.0        246      10.8
1910     0.0    2.9    426      3.61       5184  288.0        275      10.6
1911     0.0    1.5     NA      3.39       3261  205.0        238      10.6
1912     0.0    2.6    408      3.10       3116  220.0        241      10.7
1913     0.0    2.0    390      3.28       4644  198.0        327      11.6
1914     0.0    2.0     NA      3.08       3018  204.0        206      11.9
1915     0.0    0.6    239      3.45       1072   55.0        227      10.7
1916     0.0    0.5     NA      3.43        746   45.0        134      10.7
1917     0.0    0.8    273      3.56       1282  130.0        344      10.5
1918     0.0    0.8     NA      3.20       1363  185.0         NA      10.5
1919     0.0    1.2    281      3.25       1128  122.0        392      10.7
1920     0.0    2.8    255      3.01       1416  203.0        433      14.6
1921     0.0    4.2    258      3.29        895  126.0        377      11.3
1922     0.0    0.4    246      3.58        797   91.0        288      10.4
1923     0.0    0.5     NA      3.47       1127   82.0        316      10.4
1924     0.0    0.8    275      3.61       1036   84.0        292      10.0
1925     0.0    0.9     NA      3.29        942   65.0        258      10.5
1926     0.0    1.1    294      3.11       1242  103.0        272      10.9
1927     0.0    0.4    260      2.75       1166   70.0        231      10.8
1928     0.0    0.6     NA      3.49        804   67.0        254      10.5
1929     0.0    0.3    226      2.99        761   63.0        220      10.8
1930     0.0    0.5    248      3.60        944   84.0        222      11.3
1931     0.0    0.6    250      3.23       1054   90.0        188      11.7
1932     0.5    1.7    434      3.35       1713  171.0        234      10.2
1933     0.5    1.7    516      3.24       1661   82.0        249       9.9
1934     0.5    2.2    386      2.94       1808   81.0        268      10.9
1935     0.5    1.4    367      2.71       1584   72.0        260      11.3
1936     0.5    1.8    364      3.19       1350   65.0        272      11.3
1937     0.0    2.0    247      3.16       1050  117.0        335      10.5
1938     0.0    1.5     NA      3.41       2562  123.0        382      10.5
1939     0.0    1.9    424      3.57       2516  166.0        408      10.6
1940     0.0    0.6    391      3.40       2322  191.0        337      11.4
1941     0.0    6.4    576      3.79       2115  136.0        200      10.8
1942     0.0    5.5     NA      3.20       1678  124.0        189      10.9
1943     0.0    7.4    312      3.56       1767  166.0        148      11.7
1944     0.5   16.3    688      3.34       2460  173.0        138      13.0
1945     0.5   23.4    741      3.42       3012  200.0        128      13.4
     stage.x time status.y trt.y    age.y sex.y ascites.y hepato.y spiders.y
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299	4	4467	0	1	46.66940	f	0	0	0
300	4	4467	0	1	46.66940	f	0	0	0
301	4	4467	0	1	46.66940	f	0	0	0
302	4	4467	0	1	46.66940	f	0	0	0
303	4	4467	0	1	46.66940	f	0	0	0

304	4	4467	0	1	46.66940	f	0	0	0
305	4	1350	2	1	33.63450	f	0	1	0
306	4	1350	2	1	33.63450	f	0	1	0
307	4	1350	2	1	33.63450	f	0	1	0
308	4	1350	2	1	33.63450	f	0	1	0
309	4	4453	0	2	33.69473	f	0	1	1
310	4	4453	0	2	33.69473	f	0	1	1
311	4	4453	0	2	33.69473	f	0	1	1
312	4	4453	0	2	33.69473	f	0	1	1
313	4	4453	0	2	33.69473	f	0	1	1
314	4	4453	0	2	33.69473	f	0	1	1
315	4	4453	0	2	33.69473	f	0	1	1
316	4	4453	0	2	33.69473	f	0	1	1
317	4	4453	0	2	33.69473	f	0	1	1
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320	4	4453	0	2	33.69473	f	0	1	1
321	4	4453	0	2	33.69473	f	0	1	1
322	4	4453	0	2	33.69473	f	0	1	1
323	4	4453	0	2	33.69473	f	0	1	1
324	4	4453	0	2	33.69473	f	0	1	1
325	2	4556	0	1	48.87064	f	0	0	0
326	2	4556	0	1	48.87064	f	0	0	0
327	2	4556	0	1	48.87064	f	0	0	0
328	2	4556	0	1	48.87064	f	0	0	0
329	2	4556	0	1	48.87064	f	0	0	0
330	3	4556	0	1	48.87064	f	0	0	0
331	1	4556	0	1	48.87064	f	0	0	0
332	1	4556	0	1	48.87064	f	0	0	0
333	2	4556	0	1	48.87064	f	0	0	0
334	4	4556	0	1	48.87064	f	0	0	0
335	4	4556	0	1	48.87064	f	0	0	0
336	4	4556	0	1	48.87064	f	0	0	0
337	4	4556	0	1	48.87064	f	0	0	0
338	4	4556	0	1	48.87064	f	0	0	0
339	4	4556	0	1	48.87064	f	0	0	0
340	3	3428	2	2	37.58248	f	0	1	1
341	3	3428	2	2	37.58248	f	0	1	1
342	1	3428	2	2	37.58248	f	0	1	1
343	1	3428	2	2	37.58248	f	0	1	1
344	1	3428	2	2	37.58248	f	0	1	1
345	1	3428	2	2	37.58248	f	0	1	1
346	4	3428	2	2	37.58248	f	0	1	1

347	4	3428	2	2	37.58248	f	0	1	1
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349	4	3428	2	2	37.58248	f	0	1	1
350	4	3428	2	2	37.58248	f	0	1	1
351	2	4025	0	2	41.79329	f	0	0	0
352	2	4025	0	2	41.79329	f	0	0	0
353	1	4025	0	2	41.79329	f	0	0	0
354	1	4025	0	2	41.79329	f	0	0	0
355	2	4025	0	2	41.79329	f	0	0	0
356	2	4025	0	2	41.79329	f	0	0	0
357	2	4025	0	2	41.79329	f	0	0	0
358	3	4025	0	2	41.79329	f	0	0	0
359	3	4025	0	2	41.79329	f	0	0	0
360	3	2256	2	1	45.79877	f	0	1	0
361	3	2256	2	1	45.79877	f	0	1	0
362	3	2256	2	1	45.79877	f	0	1	0
363	4	2256	2	1	45.79877	f	0	1	0
364	4	2256	2	1	45.79877	f	0	1	0
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366	4	2256	2	1	45.79877	f	0	1	0
367	4	2256	2	1	45.79877	f	0	1	0
368	3	2576	0	2	47.42779	f	0	0	0
369	3	2576	0	2	47.42779	f	0	0	0
370	4	2576	0	2	47.42779	f	0	0	0
371	4	2576	0	2	47.42779	f	0	0	0
372	4	2576	0	2	47.42779	f	0	0	0
373	4	2576	0	2	47.42779	f	0	0	0
374	4	2576	0	2	47.42779	f	0	0	0
375	3	4427	0	2	49.13621	m	0	0	0
376	3	4427	0	2	49.13621	m	0	0	0
377	3	4427	0	2	49.13621	m	0	0	0
378	2	4427	0	2	49.13621	m	0	0	0
379	2	4427	0	2	49.13621	m	0	0	0
380	2	4427	0	2	49.13621	m	0	0	0
381	2	4427	0	2	49.13621	m	0	0	0
382	2	4427	0	2	49.13621	m	0	0	0
383	2	4427	0	2	49.13621	m	0	0	0
384	4	708	2	2	61.15264	f	0	1	0
385	4	708	2	2	61.15264	f	0	1	0
386	4	708	2	2	61.15264	f	0	1	0
387	4	708	2	2	61.15264	f	0	1	0
388	4	2598	2	1	53.50856	f	0	1	0
389	4	2598	2	1	53.50856	f	0	1	0

390	3	2598	2	1	53.50856	f	0	1	0
391	3	2598	2	1	53.50856	f	0	1	0
392	3	2598	2	1	53.50856	f	0	1	0
393	3	2598	2	1	53.50856	f	0	1	0
394	3	2598	2	1	53.50856	f	0	1	0
395	3	2598	2	1	53.50856	f	0	1	0
396	3	2598	2	1	53.50856	f	0	1	0
397	2	3853	2	2	52.08761	f	0	0	0
398	2	3853	2	2	52.08761	f	0	0	0
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402	3	3853	2	2	52.08761	f	0	0	0
403	3	3853	2	2	52.08761	f	0	0	0
404	3	3853	2	2	52.08761	f	0	0	0
405	3	3853	2	2	52.08761	f	0	0	0
406	3	3853	2	2	52.08761	f	0	0	0
407	1	2386	2	1	50.54073	m	0	0	0
408	1	2386	2	1	50.54073	m	0	0	0
409	4	2386	2	1	50.54073	m	0	0	0
410	4	2386	2	1	50.54073	m	0	0	0
411	3	2386	2	1	50.54073	m	0	0	0
412	3	2386	2	1	50.54073	m	0	0	0
413	4	2386	2	1	50.54073	m	0	0	0
414	4	2386	2	1	50.54073	m	0	0	0
415	4	2386	2	1	50.54073	m	0	0	0
416	4	1000	2	1	67.40862	f	0	1	0
417	4	1000	2	1	67.40862	f	0	1	0
418	4	1000	2	1	67.40862	f	0	1	0
419	4	1434	2	1	39.19781	f	1	1	1
420	4	1434	2	1	39.19781	f	1	1	1
421	4	1434	2	1	39.19781	f	1	1	1
422	4	1434	2	1	39.19781	f	1	1	1
423	4	1434	2	1	39.19781	f	1	1	1
424	3	1360	2	1	65.76318	m	0	0	0
425	3	1360	2	1	65.76318	m	0	0	0
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427	4	1360	2	1	65.76318	m	0	0	0
428	4	1360	2	1	65.76318	m	0	0	0
429	4	1360	2	1	65.76318	m	0	0	0
430	2	1847	2	2	33.61807	f	0	1	1
431	2	1847	2	2	33.61807	f	0	1	1
432	3	1847	2	2	33.61807	f	0	1	1

433	4	1847	2	2	33.61807	f	0	1	1
434	4	1847	2	2	33.61807	f	0	1	1
435	4	1847	2	2	33.61807	f	0	1	1
436	3	3282	2	1	53.57153	f	0	1	0
437	3	3282	2	1	53.57153	f	0	1	0
438	4	3282	2	1	53.57153	f	0	1	0
439	4	3282	2	1	53.57153	f	0	1	0
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441	4	3282	2	1	53.57153	f	0	1	0
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443	4	3282	2	1	53.57153	f	0	1	0
444	4	3282	2	1	53.57153	f	0	1	0
445	4	3282	2	1	53.57153	f	0	1	0
446	4	3282	2	1	53.57153	f	0	1	0
447	1	4459	0	1	44.56947	m	0	0	0
448	1	4459	0	1	44.56947	m	0	0	0
449	2	4459	0	1	44.56947	m	0	0	0
450	3	4459	0	1	44.56947	m	0	0	0
451	4	4459	0	1	44.56947	m	0	0	0
452	4	4459	0	1	44.56947	m	0	0	0
453	4	4459	0	1	44.56947	m	0	0	0
454	4	4459	0	1	44.56947	m	0	0	0
455	4	4459	0	1	44.56947	m	0	0	0
456	4	4459	0	1	44.56947	m	0	0	0
457	4	4459	0	1	44.56947	m	0	0	0
458	4	4459	0	1	44.56947	m	0	0	0
459	4	4459	0	1	44.56947	m	0	0	0
460	4	4459	0	1	44.56947	m	0	0	0
461	4	4459	0	1	44.56947	m	0	0	0
462	4	4459	0	1	44.56947	m	0	0	0
463	3	2224	2	1	40.39425	f	0	1	1
464	3	2224	2	1	40.39425	f	0	1	1
465	3	2224	2	1	40.39425	f	0	1	1
466	4	2224	2	1	40.39425	f	0	1	1
467	4	2224	2	1	40.39425	f	0	1	1
468	4	2224	2	1	40.39425	f	0	1	1
469	4	2224	2	1	40.39425	f	0	1	1
470	3	4365	0	1	58.38193	f	0	0	0
471	3	4365	0	1	58.38193	f	0	0	0
472	2	4365	0	1	58.38193	f	0	0	0
473	3	4365	0	1	58.38193	f	0	0	0
474	3	4365	0	1	58.38193	f	0	0	0
475	2	4365	0	1	58.38193	f	0	0	0

476	3	4365	0	1	58.38193	f	0	0	0
477	3	4365	0	1	58.38193	f	0	0	0
478	3	4365	0	1	58.38193	f	0	0	0
479	3	4365	0	1	58.38193	f	0	0	0
480	3	4365	0	1	58.38193	f	0	0	0
481	3	4365	0	1	58.38193	f	0	0	0
482	3	4365	0	1	58.38193	f	0	0	0
483	1	4256	0	2	43.89870	m	0	0	0
484	1	4256	0	2	43.89870	m	0	0	0
485	1	4256	0	2	43.89870	m	0	0	0
486	1	4256	0	2	43.89870	m	0	0	0
487	1	4256	0	2	43.89870	m	0	0	0
488	1	4256	0	2	43.89870	m	0	0	0
489	1	4256	0	2	43.89870	m	0	0	0
490	2	4256	0	2	43.89870	m	0	0	0
491	2	4256	0	2	43.89870	m	0	0	0
492	2	4256	0	2	43.89870	m	0	0	0
493	1	4256	0	2	43.89870	m	0	0	0
494	2	4256	0	2	43.89870	m	0	0	0
495	2	4256	0	2	43.89870	m	0	0	0
496	2	4256	0	2	43.89870	m	0	0	0
497	4	3090	2	2	60.70637	f	1	0	0
498	4	3090	2	2	60.70637	f	1	0	0
499	4	3090	2	2	60.70637	f	1	0	0
500	4	3090	2	2	60.70637	f	1	0	0
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505	4	3090	2	2	60.70637	f	1	0	0
506	4	3090	2	2	60.70637	f	1	0	0
507	3	859	2	2	46.62834	f	0	0	1
508	3	859	2	2	46.62834	f	0	0	1
509	3	859	2	2	46.62834	f	0	0	1
510	3	1487	2	2	62.90760	f	0	1	0
511	3	1487	2	2	62.90760	f	0	1	0
512	3	1487	2	2	62.90760	f	0	1	0
513	3	1487	2	2	62.90760	f	0	1	0
514	4	1487	2	2	62.90760	f	0	1	0
515	4	1487	2	2	62.90760	f	0	1	0
516	1	3992	0	1	40.20260	f	0	0	0
517	1	3992	0	1	40.20260	f	0	0	0
518	1	3992	0	1	40.20260	f	0	0	0

519	1	3992	0	1	40.20260	f	0	0	0
520	1	3992	0	1	40.20260	f	0	0	0
521	1	3992	0	1	40.20260	f	0	0	0
522	3	4191	2	1	46.45311	m	0	1	0
523	3	4191	2	1	46.45311	m	0	1	0
524	2	4191	2	1	46.45311	m	0	1	0
525	4	4191	2	1	46.45311	m	0	1	0
526	4	4191	2	1	46.45311	m	0	1	0
527	4	4191	2	1	46.45311	m	0	1	0
528	4	4191	2	1	46.45311	m	0	1	0
529	4	4191	2	1	46.45311	m	0	1	0
530	4	4191	2	1	46.45311	m	0	1	0
531	4	4191	2	1	46.45311	m	0	1	0
532	4	4191	2	1	46.45311	m	0	1	0
533	4	4191	2	1	46.45311	m	0	1	0
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535	3	2769	2	2	51.28816	f	0	0	0
536	3	2769	2	2	51.28816	f	0	0	0
537	3	2769	2	2	51.28816	f	0	0	0
538	3	2769	2	2	51.28816	f	0	0	0
539	3	2769	2	2	51.28816	f	0	0	0
540	3	2769	2	2	51.28816	f	0	0	0
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542	4	2769	2	2	51.28816	f	0	0	0
543	4	2769	2	2	51.28816	f	0	0	0
544	4	2769	2	2	51.28816	f	0	0	0
545	3	4039	0	1	32.61328	f	0	0	0
546	3	4039	0	1	32.61328	f	0	0	0
547	3	4039	0	1	32.61328	f	0	0	0
548	2	4039	0	1	32.61328	f	0	0	0
549	2	4039	0	1	32.61328	f	0	0	0
550	2	4039	0	1	32.61328	f	0	0	0
551	3	4039	0	1	32.61328	f	0	0	0
552	3	4039	0	1	32.61328	f	0	0	0
553	4	4039	0	1	32.61328	f	0	0	0
554	4	4039	0	1	32.61328	f	0	0	0
555	4	4039	0	1	32.61328	f	0	0	0
556	4	4039	0	1	32.61328	f	0	0	0
557	4	4039	0	1	32.61328	f	0	0	0
558	4	4039	0	1	32.61328	f	0	0	0
559	3	1170	2	1	49.33881	f	0	1	1
560	3	1170	2	1	49.33881	f	0	1	1
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562	3 1170	2	1	49.33881	f	0	1	1
563	2 3458	0	1	56.39973	f	0	0	0
564	2 3458	0	1	56.39973	f	0	0	0
565	2 3458	0	1	56.39973	f	0	0	0
566	2 3458	0	1	56.39973	f	0	0	0
567	3 3458	0	1	56.39973	f	0	0	0
568	2 3458	0	1	56.39973	f	0	0	0
569	4 3458	0	1	56.39973	f	0	0	0
570	4 3458	0	1	56.39973	f	0	0	0
571	4 3458	0	1	56.39973	f	0	0	0
572	4 3458	0	1	56.39973	f	0	0	0
573	4 3458	0	1	56.39973	f	0	0	0
574	4 3458	0	1	56.39973	f	0	0	0
575	4 3458	0	1	56.39973	f	0	0	0
576	4 4196	0	2	48.84600	f	0	1	0
577	4 4196	0	2	48.84600	f	0	1	0
578	4 4196	0	2	48.84600	f	0	1	0
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580	3 4196	0	2	48.84600	f	0	1	0
581	3 4196	0	2	48.84600	f	0	1	0
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585	3 4196	0	2	48.84600	f	0	1	0
586	3 4196	0	2	48.84600	f	0	1	0
587	3 4184	0	2	32.49281	f	0	0	0
588	3 4184	0	2	32.49281	f	0	0	0
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590	3 4184	0	2	32.49281	f	0	0	0
591	3 4184	0	2	32.49281	f	0	0	0
592	3 4184	0	2	32.49281	f	0	0	0
593	1 4190	0	2	38.49418	f	0	0	0
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595	1 4190	0	2	38.49418	f	0	0	0
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597	3 4190	0	2	38.49418	f	0	0	0
598	3 4190	0	2	38.49418	f	0	0	0
599	3 4190	0	2	38.49418	f	0	0	0
600	3 4190	0	2	38.49418	f	0	0	0
601	3 4190	0	2	38.49418	f	0	0	0
602	3 4190	0	2	38.49418	f	0	0	0
603	3 4190	0	2	38.49418	f	0	0	0
604	3 4190	0	2	38.49418	f	0	0	0

605	3	4190	0	2	38.49418	f	0	0	0
606	3	4190	0	2	38.49418	f	0	0	0
607	3	4190	0	2	38.49418	f	0	0	0
608	4	1827	2	1	51.92060	f	0	1	1
609	4	1827	2	1	51.92060	f	0	1	1
610	4	1827	2	1	51.92060	f	0	1	1
611	4	1827	2	1	51.92060	f	0	1	1
612	4	1191	2	1	43.51814	f	1	1	1
613	4	1191	2	1	43.51814	f	1	1	1
614	4	1191	2	1	43.51814	f	1	1	1
615	4	1191	2	1	43.51814	f	1	1	1
616	4	1191	2	1	43.51814	f	1	1	1
617	4	71	2	1	51.94251	f	0	1	1
618	3	326	2	2	49.82615	f	0	1	1
619	3	326	2	2	49.82615	f	0	1	1
620	4	1690	2	1	47.94524	f	0	1	0
621	4	1690	2	1	47.94524	f	0	1	0
622	4	1690	2	1	47.94524	f	0	1	0
623	4	1690	2	1	47.94524	f	0	1	0
624	3	3707	0	1	46.51608	f	0	1	0
625	4	3707	0	1	46.51608	f	0	1	0
626	4	3707	0	1	46.51608	f	0	1	0
627	4	3707	0	1	46.51608	f	0	1	0
628	4	3707	0	1	46.51608	f	0	1	0
629	4	3707	0	1	46.51608	f	0	1	0
630	4	3707	0	1	46.51608	f	0	1	0
631	4	3707	0	1	46.51608	f	0	1	0
632	4	3707	0	1	46.51608	f	0	1	0
633	4	3707	0	1	46.51608	f	0	1	0
634	4	3707	0	1	46.51608	f	0	1	0
635	4	890	2	2	67.41136	m	0	1	0
636	4	890	2	2	67.41136	m	0	1	0
637	4	890	2	2	67.41136	m	0	1	0
638	4	890	2	2	67.41136	m	0	1	0
639	4	2540	2	1	63.26352	f	0	1	1
640	4	2540	2	1	63.26352	f	0	1	1
641	4	2540	2	1	63.26352	f	0	1	1
642	4	2540	2	1	63.26352	f	0	1	1
643	4	2540	2	1	63.26352	f	0	1	1
644	4	2540	2	1	63.26352	f	0	1	1
645	4	2540	2	1	63.26352	f	0	1	1
646	4	2540	2	1	63.26352	f	0	1	1
647	4	2540	2	1	63.26352	f	0	1	1

648	4	2540	2	1	63.26352	f	0	1	1
649	3	3574	2	1	67.31006	f	0	0	0
650	3	3574	2	1	67.31006	f	0	0	0
651	3	3574	2	1	67.31006	f	0	0	0
652	3	3574	2	1	67.31006	f	0	0	0
653	3	3574	2	1	67.31006	f	0	0	0
654	3	3574	2	1	67.31006	f	0	0	0
655	4	3574	2	1	67.31006	f	0	0	0
656	4	3574	2	1	67.31006	f	0	0	0
657	4	3574	2	1	67.31006	f	0	0	0
658	4	3574	2	1	67.31006	f	0	0	0
659	4	4050	0	1	56.01369	f	0	1	0
660	4	4050	0	1	56.01369	f	0	1	0
661	4	4050	0	1	56.01369	f	0	1	0
662	4	4050	0	1	56.01369	f	0	1	0
663	4	4050	0	1	56.01369	f	0	1	0
664	4	4050	0	1	56.01369	f	0	1	0
665	4	4050	0	1	56.01369	f	0	1	0
666	4	4050	0	1	56.01369	f	0	1	0
667	4	4050	0	1	56.01369	f	0	1	0
668	4	4050	0	1	56.01369	f	0	1	0
669	4	4050	0	1	56.01369	f	0	1	0
670	4	4050	0	1	56.01369	f	0	1	0
671	4	4050	0	1	56.01369	f	0	1	0
672	4	4050	0	1	56.01369	f	0	1	0
673	4	4050	0	1	56.01369	f	0	1	0
674	3	4032	0	2	55.83025	f	0	0	0
675	3	4032	0	2	55.83025	f	0	0	0
676	3	4032	0	2	55.83025	f	0	0	0
677	4	3358	2	2	47.21697	f	0	1	0
678	4	3358	2	2	47.21697	f	0	1	0
679	4	3358	2	2	47.21697	f	0	1	0
680	4	3358	2	2	47.21697	f	0	1	0
681	4	3358	2	2	47.21697	f	0	1	0
682	4	3358	2	2	47.21697	f	0	1	0
683	4	3358	2	2	47.21697	f	0	1	0
684	4	3358	2	2	47.21697	f	0	1	0
685	4	3358	2	2	47.21697	f	0	1	0
686	4	3358	2	2	47.21697	f	0	1	0
687	4	3358	2	2	47.21697	f	0	1	0
688	3	1657	2	1	52.75838	f	0	1	1
689	3	198	2	1	37.27858	f	0	0	0
690	3	198	2	1	37.27858	f	0	0	0

691	3	2452	0	2	41.39357	f	0	0	0
692	3	2452	0	2	41.39357	f	0	0	0
693	3	2452	0	2	41.39357	f	0	0	0
694	4	2452	0	2	41.39357	f	0	0	0
695	2	1741	2	1	52.44353	f	0	1	0
696	2	1741	2	1	52.44353	f	0	1	0
697	2	1741	2	1	52.44353	f	0	1	0
698	2	1741	2	1	52.44353	f	0	1	0
699	2	2689	2	1	33.47570	m	0	0	0
700	2	2689	2	1	33.47570	m	0	0	0
701	1	2689	2	1	33.47570	m	0	0	0
702	2	2689	2	1	33.47570	m	0	0	0
703	2	2689	2	1	33.47570	m	0	0	0
704	2	2689	2	1	33.47570	m	0	0	0
705	3	2689	2	1	33.47570	m	0	0	0
706	3	2689	2	1	33.47570	m	0	0	0
707	3	2689	2	1	33.47570	m	0	0	0
708	4	460	2	2	45.60712	f	0	1	1
709	4	460	2	2	45.60712	f	0	1	1
710	3	460	2	2	45.60712	f	0	1	1
711	4	388	2	1	76.70910	f	1	0	0
712	2	3913	0	1	36.53388	f	0	0	0
713	2	3913	0	1	36.53388	f	0	0	0
714	2	3913	0	1	36.53388	f	0	0	0
715	2	3913	0	1	36.53388	f	0	0	0
716	2	3913	0	1	36.53388	f	0	0	0
717	3	3913	0	1	36.53388	f	0	0	0
718	4	3913	0	1	36.53388	f	0	0	0
719	4	3913	0	1	36.53388	f	0	0	0
720	4	3913	0	1	36.53388	f	0	0	0
721	4	3913	0	1	36.53388	f	0	0	0
722	4	3913	0	1	36.53388	f	0	0	0
723	4	3913	0	1	36.53388	f	0	0	0
724	4	3913	0	1	36.53388	f	0	0	0
725	4	3913	0	1	36.53388	f	0	0	0
726	4	3913	0	1	36.53388	f	0	0	0
727	4	750	2	1	53.91650	f	0	1	1
728	4	750	2	1	53.91650	f	0	1	1
729	4	750	2	1	53.91650	f	0	1	1
730	2	130	2	2	46.39014	f	1	1	1
731	3	3850	0	1	48.84600	f	0	0	0
732	3	3850	0	1	48.84600	f	0	0	0
733	3	3850	0	1	48.84600	f	0	0	0

734	3	3850	0	1	48.84600	f	0	0	0
735	3	3850	0	1	48.84600	f	0	0	0
736	3	3850	0	1	48.84600	f	0	0	0
737	4	3850	0	1	48.84600	f	0	0	0
738	4	3850	0	1	48.84600	f	0	0	0
739	4	3850	0	1	48.84600	f	0	0	0
740	4	3850	0	1	48.84600	f	0	0	0
741	4	3850	0	1	48.84600	f	0	0	0
742	4	3850	0	1	48.84600	f	0	0	0
743	4	3850	0	1	48.84600	f	0	0	0
744	4	3850	0	1	48.84600	f	0	0	0
745	3	611	2	2	71.89322	m	0	1	0
746	3	611	2	2	71.89322	m	0	1	0
747	4	611	2	2	71.89322	m	0	1	0
748	4	611	2	2	71.89322	m	0	1	0
749	1	3823	0	1	28.88433	f	0	0	0
750	1	3823	0	1	28.88433	f	0	0	0
751	2	3823	0	1	28.88433	f	0	0	0
752	3	3823	0	1	28.88433	f	0	0	0
753	3	3823	0	1	28.88433	f	0	0	0
754	2	3823	0	1	28.88433	f	0	0	0
755	3	3823	0	1	28.88433	f	0	0	0
756	1	3823	0	1	28.88433	f	0	0	0
757	2	3823	0	1	28.88433	f	0	0	0
758	2	3823	0	1	28.88433	f	0	0	0
759	4	3823	0	1	28.88433	f	0	0	0
760	4	3823	0	1	28.88433	f	0	0	0
761	4	3823	0	1	28.88433	f	0	0	0
762	4	3823	0	1	28.88433	f	0	0	0
763	2	3820	0	2	48.46817	m	0	0	0
764	2	3820	0	2	48.46817	m	0	0	0
765	3	3820	0	2	48.46817	m	0	0	0
766	2	3820	0	2	48.46817	m	0	0	0
767	1	3820	0	2	48.46817	m	0	0	0
768	3	3820	0	2	48.46817	m	0	0	0
769	3	3820	0	2	48.46817	m	0	0	0
770	3	3820	0	2	48.46817	m	0	0	0
771	4	3820	0	2	48.46817	m	0	0	0
772	4	3820	0	2	48.46817	m	0	0	0
773	4	3820	0	2	48.46817	m	0	0	0
774	4	3820	0	2	48.46817	m	0	0	0
775	4	3820	0	2	48.46817	m	0	0	0
776	4	552	2	2	51.46886	m	0	1	0

777	4	552	2	2	51.46886	m	0	1	0
778	4	552	2	2	51.46886	m	0	1	0
779	4	552	2	2	51.46886	m	0	1	0
780	3	3581	0	2	44.95003	f	0	0	0
781	3	3581	0	2	44.95003	f	0	0	0
782	3	3581	0	2	44.95003	f	0	0	0
783	3	3581	0	2	44.95003	f	0	0	0
784	4	3581	0	2	44.95003	f	0	0	0
785	4	3581	0	2	44.95003	f	0	0	0
786	4	3581	0	2	44.95003	f	0	0	0
787	4	3581	0	2	44.95003	f	0	0	0
788	4	3581	0	2	44.95003	f	0	0	0
789	4	3581	0	2	44.95003	f	0	0	0
790	4	3581	0	2	44.95003	f	0	0	0
791	4	3581	0	2	44.95003	f	0	0	0
792	1	3099	0	1	56.56947	f	0	0	0
793	1	3099	0	1	56.56947	f	0	0	0
794	1	3099	0	1	56.56947	f	0	0	0
795	2	3099	0	1	56.56947	f	0	0	0
796	2	3099	0	1	56.56947	f	0	0	0
797	2	3099	0	1	56.56947	f	0	0	0
798	2	3099	0	1	56.56947	f	0	0	0
799	2	3099	0	1	56.56947	f	0	0	0
800	2	3099	0	1	56.56947	f	0	0	0
801	2	3099	0	1	56.56947	f	0	0	0
802	2	3099	0	1	56.56947	f	0	0	0
803	2	3099	0	1	56.56947	f	0	0	0
804	4	110	2	2	48.96372	f	1	1	1
805	2	3086	2	1	43.01711	f	0	0	0
806	2	3086	2	1	43.01711	f	0	0	0
807	2	3086	2	1	43.01711	f	0	0	0
808	3	3086	2	1	43.01711	f	0	0	0
809	3	3086	2	1	43.01711	f	0	0	0
810	4	3086	2	1	43.01711	f	0	0	0
811	4	3086	2	1	43.01711	f	0	0	0
812	4	3086	2	1	43.01711	f	0	0	0
813	4	3086	2	1	43.01711	f	0	0	0
814	4	3086	2	1	43.01711	f	0	0	0
815	3	3092	1	2	34.03970	f	0	1	0
816	3	3092	1	2	34.03970	f	0	1	0
817	4	3092	1	2	34.03970	f	0	1	0
818	4	3092	1	2	34.03970	f	0	1	0
819	4	3092	1	2	34.03970	f	0	1	0

820	2	3092	1	2	34.03970	f	0	1	0
821	3	3092	1	2	34.03970	f	0	1	0
822	3	3092	1	2	34.03970	f	0	1	0
823	3	3092	1	2	34.03970	f	0	1	0
824	3	3092	1	2	34.03970	f	0	1	0
825	2	3222	2	1	68.50924	f	1	1	0
826	3	3222	2	1	68.50924	f	1	1	0
827	4	3222	2	1	68.50924	f	1	1	0
828	4	3222	2	1	68.50924	f	1	1	0
829	4	3222	2	1	68.50924	f	1	1	0
830	1	3388	0	2	62.52156	f	0	0	0
831	1	3388	0	2	62.52156	f	0	0	0
832	2	3388	0	2	62.52156	f	0	0	0
833	2	3388	0	2	62.52156	f	0	0	0
834	4	3388	0	2	62.52156	f	0	0	0
835	4	3388	0	2	62.52156	f	0	0	0
836	3	3388	0	2	62.52156	f	0	0	0
837	3	3388	0	2	62.52156	f	0	0	0
838	3	3388	0	2	62.52156	f	0	0	0
839	3	3388	0	2	62.52156	f	0	0	0
840	3	3388	0	2	62.52156	f	0	0	0
841	2	2583	2	1	50.35729	f	0	0	0
842	2	2583	2	1	50.35729	f	0	0	0
843	2	2583	2	1	50.35729	f	0	0	0
844	3	2583	2	1	50.35729	f	0	0	0
845	1	2583	2	1	50.35729	f	0	0	0
846	1	2583	2	1	50.35729	f	0	0	0
847	1	2583	2	1	50.35729	f	0	0	0
848	1	2583	2	1	50.35729	f	0	0	0
849	3	2504	0	2	44.06297	f	0	0	0
850	3	2504	0	2	44.06297	f	0	0	0
851	3	2504	0	2	44.06297	f	0	0	0
852	3	2504	0	2	44.06297	f	0	0	0
853	2	2504	0	2	44.06297	f	0	0	0
854	2	2504	0	2	44.06297	f	0	0	0
855	3	2504	0	2	44.06297	f	0	0	0
856	3	2504	0	2	44.06297	f	0	0	0
857	3	2504	0	2	44.06297	f	0	0	0
858	3	2504	0	2	44.06297	f	0	0	0
859	3	2105	2	1	38.91034	f	0	1	1
860	3	2105	2	1	38.91034	f	0	1	1
861	3	2105	2	1	38.91034	f	0	1	1
862	3	2105	2	1	38.91034	f	0	1	1

863	3	2105	2	1	38.91034	f	0	1	1
864	3	2105	2	1	38.91034	f	0	1	1
865	4	2105	2	1	38.91034	f	0	1	1
866	3	2350	1	1	41.15264	f	0	0	0
867	3	2350	1	1	41.15264	f	0	0	0
868	4	2350	1	1	41.15264	f	0	0	0
869	4	2350	1	1	41.15264	f	0	0	0
870	4	2350	1	1	41.15264	f	0	0	0
871	4	2350	1	1	41.15264	f	0	0	0
872	4	2350	1	1	41.15264	f	0	0	0
873	4	2350	1	1	41.15264	f	0	0	0
874	4	3445	2	2	55.45791	f	0	1	1
875	4	3445	2	2	55.45791	f	0	1	1
876	4	3445	2	2	55.45791	f	0	1	1
877	4	3445	2	2	55.45791	f	0	1	1
878	4	3445	2	2	55.45791	f	0	1	1
879	4	3445	2	2	55.45791	f	0	1	1
880	4	3445	2	2	55.45791	f	0	1	1
881	4	3445	2	2	55.45791	f	0	1	1
882	4	3445	2	2	55.45791	f	0	1	1
883	4	3445	2	2	55.45791	f	0	1	1
884	4	3445	2	2	55.45791	f	0	1	1
885	4	980	2	1	51.23340	f	0	1	1
886	4	980	2	1	51.23340	f	0	1	1
887	4	980	2	1	51.23340	f	0	1	1
888	4	980	2	1	51.23340	f	0	1	1
889	4	980	2	1	51.23340	f	0	1	1
890	3	3395	2	2	52.82683	m	0	0	0
891	3	3395	2	2	52.82683	m	0	0	0
892	3	3395	2	2	52.82683	m	0	0	0
893	4	3395	2	2	52.82683	m	0	0	0
894	4	3395	2	2	52.82683	m	0	0	0
895	4	3395	2	2	52.82683	m	0	0	0
896	4	3395	2	2	52.82683	m	0	0	0
897	4	3395	2	2	52.82683	m	0	0	0
898	4	3395	2	2	52.82683	m	0	0	0
899	4	3395	2	2	52.82683	m	0	0	0
900	4	3395	2	2	52.82683	m	0	0	0
901	3	3422	0	2	42.63929	f	0	0	1
902	3	3422	0	2	42.63929	f	0	0	1
903	2	3422	0	2	42.63929	f	0	0	1
904	3	3422	0	2	42.63929	f	0	0	1
905	4	3422	0	2	42.63929	f	0	0	1

906	4	3422	0	2	42.63929	f	0	0	1
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908	4	3422	0	2	42.63929	f	0	0	1
909	4	3422	0	2	42.63929	f	0	0	1
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911	4	3422	0	2	42.63929	f	0	0	1
912	4	3422	0	2	42.63929	f	0	0	1
913	3	3336	0	1	61.07050	f	0	0	1
914	3	3336	0	1	61.07050	f	0	0	1
915	3	3336	0	1	61.07050	f	0	0	1
916	4	3336	0	1	61.07050	f	0	0	1
917	4	3336	0	1	61.07050	f	0	0	1
918	4	3336	0	1	61.07050	f	0	0	1
919	4	3336	0	1	61.07050	f	0	0	1
920	4	3336	0	1	61.07050	f	0	0	1
921	4	3336	0	1	61.07050	f	0	0	1
922	4	3336	0	1	61.07050	f	0	0	1
923	4	3336	0	1	61.07050	f	0	0	1
924	4	1083	2	1	49.65640	f	0	1	1
925	4	1083	2	1	49.65640	f	0	1	1
926	4	1083	2	1	49.65640	f	0	1	1
927	4	1083	2	1	49.65640	f	0	1	1
928	4	1083	2	1	49.65640	f	0	1	1
929	3	2288	2	1	48.85421	f	0	1	0
930	3	2288	2	1	48.85421	f	0	1	0
931	4	2288	2	1	48.85421	f	0	1	0
932	4	2288	2	1	48.85421	f	0	1	0
933	4	2288	2	1	48.85421	f	0	1	0
934	4	2288	2	1	48.85421	f	0	1	0
935	4	2288	2	1	48.85421	f	0	1	0
936	3	515	2	1	54.25599	f	0	0	1
937	3	515	2	1	54.25599	f	0	0	1
938	3	2033	1	1	35.15127	m	0	0	0
939	3	2033	1	1	35.15127	m	0	0	0
940	4	2033	1	1	35.15127	m	0	0	0
941	4	2033	1	1	35.15127	m	0	0	0
942	4	2033	1	1	35.15127	m	0	0	0
943	4	2033	1	1	35.15127	m	0	0	0
944	4	2033	1	1	35.15127	m	0	0	0
945	4	2033	1	1	35.15127	m	0	0	0
946	4	191	2	2	67.90691	m	1	1	0
947	3	3297	0	1	55.43600	f	0	0	0
948	3	3297	0	1	55.43600	f	0	0	0

949	3	3297	0	1	55.43600	f	0	0	0
950	3	3297	0	1	55.43600	f	0	0	0
951	3	3297	0	1	55.43600	f	0	0	0
952	3	3297	0	1	55.43600	f	0	0	0
953	3	3297	0	1	55.43600	f	0	0	0
954	3	3297	0	1	55.43600	f	0	0	0
955	3	3297	0	1	55.43600	f	0	0	0
956	3	3297	0	1	55.43600	f	0	0	0
957	4	971	2	1	45.82067	f	0	1	1
958	4	971	2	1	45.82067	f	0	1	1
959	4	3069	0	1	52.88980	m	0	1	0
960	4	2468	1	2	47.18138	f	0	1	0
961	4	2468	1	2	47.18138	f	0	1	0
962	4	2468	1	2	47.18138	f	0	1	0
963	4	2468	1	2	47.18138	f	0	1	0
964	4	2468	1	2	47.18138	f	0	1	0
965	4	2468	1	2	47.18138	f	0	1	0
966	4	2468	1	2	47.18138	f	0	1	0
967	4	2468	1	2	47.18138	f	0	1	0
968	4	2468	1	2	47.18138	f	0	1	0
969	4	824	2	1	53.59890	f	1	1	1
970	4	824	2	1	53.59890	f	1	1	1
971	4	824	2	1	53.59890	f	1	1	1
972	4	824	2	1	53.59890	f	1	1	1
973	4	824	2	1	53.59890	f	1	1	1
974	2	3255	0	2	44.10404	f	0	0	0
975	2	3255	0	2	44.10404	f	0	0	0
976	4	3255	0	2	44.10404	f	0	0	0
977	4	3255	0	2	44.10404	f	0	0	0
978	4	3255	0	2	44.10404	f	0	0	0
979	4	3255	0	2	44.10404	f	0	0	0
980	4	3255	0	2	44.10404	f	0	0	0
981	4	3255	0	2	44.10404	f	0	0	0
982	4	3255	0	2	44.10404	f	0	0	0
983	4	3255	0	2	44.10404	f	0	0	0
984	4	3255	0	2	44.10404	f	0	0	0
985	4	1037	2	1	41.94935	f	0	1	1
986	4	1037	2	1	41.94935	f	0	1	1
987	4	1037	2	1	41.94935	f	0	1	1
988	4	1037	2	1	41.94935	f	0	1	1
989	4	1037	2	1	41.94935	f	0	1	1
990	3	3239	0	1	63.61396	f	0	1	0
991	3	3239	0	1	63.61396	f	0	1	0

992	3	3239	0	1	63.61396	f	0	1	0
993	3	3239	0	1	63.61396	f	0	1	0
994	3	3239	0	1	63.61396	f	0	1	0
995	3	3239	0	1	63.61396	f	0	1	0
996	3	3239	0	1	63.61396	f	0	1	0
997	3	3239	0	1	63.61396	f	0	1	0
998	3	3239	0	1	63.61396	f	0	1	0
999	3	3239	0	1	63.61396	f	0	1	0
1000	3	3239	0	1	63.61396	f	0	1	0
1001	3	3239	0	1	63.61396	f	0	1	0
1002	3	1413	2	2	44.22724	f	0	1	1
1003	3	1413	2	2	44.22724	f	0	1	1
1004	4	1413	2	2	44.22724	f	0	1	1
1005	4	1413	2	2	44.22724	f	0	1	1
1006	4	1413	2	2	44.22724	f	0	1	1
1007	4	1413	2	2	44.22724	f	0	1	1
1008	4	850	2	2	62.00137	f	0	1	1
1009	4	850	2	2	62.00137	f	0	1	1
1010	4	850	2	2	62.00137	f	0	1	1
1011	4	850	2	2	62.00137	f	0	1	1
1012	3	2944	0	1	40.55305	f	0	0	0
1013	3	2944	0	1	40.55305	f	0	0	0
1014	3	2944	0	1	40.55305	f	0	0	0
1015	4	2944	0	1	40.55305	f	0	0	0
1016	4	2944	0	1	40.55305	f	0	0	0
1017	4	2944	0	1	40.55305	f	0	0	0
1018	4	2796	2	2	62.64476	m	0	0	0
1019	4	2796	2	2	62.64476	m	0	0	0
1020	4	2796	2	2	62.64476	m	0	0	0
1021	3	2796	2	2	62.64476	m	0	0	0
1022	4	2796	2	2	62.64476	m	0	0	0
1023	4	2796	2	2	62.64476	m	0	0	0
1024	4	2796	2	2	62.64476	m	0	0	0
1025	4	2796	2	2	62.64476	m	0	0	0
1026	4	2796	2	2	62.64476	m	0	0	0
1027	2	3149	0	2	42.33539	f	0	0	0
1028	2	3149	0	2	42.33539	f	0	0	0
1029	2	3149	0	2	42.33539	f	0	0	0
1030	2	3149	0	2	42.33539	f	0	0	0
1031	4	3149	0	2	42.33539	f	0	0	0
1032	4	3149	0	2	42.33539	f	0	0	0
1033	4	3149	0	2	42.33539	f	0	0	0
1034	4	3149	0	2	42.33539	f	0	0	0

1035	4	3149	0	2	42.33539	f	0	0	0
1036	4	3149	0	2	42.33539	f	0	0	0
1037	4	3149	0	2	42.33539	f	0	0	0
1038	4	3149	0	2	42.33539	f	0	0	0
1039	2	3150	0	1	42.96783	f	0	0	0
1040	2	3150	0	1	42.96783	f	0	0	0
1041	2	3150	0	1	42.96783	f	0	0	0
1042	1	3150	0	1	42.96783	f	0	0	0
1043	2	3150	0	1	42.96783	f	0	0	0
1044	2	3150	0	1	42.96783	f	0	0	0
1045	2	3150	0	1	42.96783	f	0	0	0
1046	2	3150	0	1	42.96783	f	0	0	0
1047	2	3150	0	1	42.96783	f	0	0	0
1048	2	3150	0	1	42.96783	f	0	0	0
1049	2	3098	0	1	55.96167	f	0	0	0
1050	2	3098	0	1	55.96167	f	0	0	0
1051	2	3098	0	1	55.96167	f	0	0	0
1052	4	3098	0	1	55.96167	f	0	0	0
1053	4	3098	0	1	55.96167	f	0	0	0
1054	4	3098	0	1	55.96167	f	0	0	0
1055	4	3098	0	1	55.96167	f	0	0	0
1056	4	3098	0	1	55.96167	f	0	0	0
1057	4	3098	0	1	55.96167	f	0	0	0
1058	2	2990	0	1	62.86105	f	0	0	0
1059	2	2990	0	1	62.86105	f	0	0	0
1060	3	2990	0	1	62.86105	f	0	0	0
1061	3	2990	0	1	62.86105	f	0	0	0
1062	3	2990	0	1	62.86105	f	0	0	0
1063	3	2990	0	1	62.86105	f	0	0	0
1064	3	2990	0	1	62.86105	f	0	0	0
1065	3	2990	0	1	62.86105	f	0	0	0
1066	3	2990	0	1	62.86105	f	0	0	0
1067	3	2990	0	1	62.86105	f	0	0	0
1068	3	2990	0	1	62.86105	f	0	0	0
1069	3	2990	0	1	62.86105	f	0	0	0
1070	3	1297	2	1	51.24983	m	0	1	0
1071	3	1297	2	1	51.24983	m	0	1	0
1072	3	1297	2	1	51.24983	m	0	1	0
1073	4	1297	2	1	51.24983	m	0	1	0
1074	4	1297	2	1	51.24983	m	0	1	0
1075	4	1297	2	1	51.24983	m	0	1	0
1076	4	2106	0	2	46.76249	f	0	1	0
1077	4	2106	0	2	46.76249	f	0	1	0

1078	4	2106	0	2	46.76249	f	0	1	0
1079	4	2106	0	2	46.76249	f	0	1	0
1080	4	2106	0	2	46.76249	f	0	1	0
1081	4	2106	0	2	46.76249	f	0	1	0
1082	3	3059	0	1	54.07529	f	0	1	0
1083	3	3059	0	1	54.07529	f	0	1	0
1084	3	3059	0	1	54.07529	f	0	1	0
1085	4	3059	0	1	54.07529	f	0	1	0
1086	4	3059	0	1	54.07529	f	0	1	0
1087	4	3059	0	1	54.07529	f	0	1	0
1088	4	3059	0	1	54.07529	f	0	1	0
1089	4	3059	0	1	54.07529	f	0	1	0
1090	4	3059	0	1	54.07529	f	0	1	0
1091	4	3059	0	1	54.07529	f	0	1	0
1092	4	3059	0	1	54.07529	f	0	1	0
1093	4	3059	0	1	54.07529	f	0	1	0
1094	2	3050	0	1	47.03628	f	0	0	0
1095	2	3050	0	1	47.03628	f	0	0	0
1096	2	3050	0	1	47.03628	f	0	0	0
1097	2	2419	2	2	55.72621	f	0	1	0
1098	2	2419	2	2	55.72621	f	0	1	0
1099	3	2419	2	2	55.72621	f	0	1	0
1100	4	2419	2	2	55.72621	f	0	1	0
1101	4	2419	2	2	55.72621	f	0	1	0
1102	4	2419	2	2	55.72621	f	0	1	0
1103	4	2419	2	2	55.72621	f	0	1	0
1104	4	2419	2	2	55.72621	f	0	1	0
1105	4	2419	2	2	55.72621	f	0	1	0
1106	4	786	2	2	46.10267	f	0	1	0
1107	4	786	2	2	46.10267	f	0	1	0
1108	4	786	2	2	46.10267	f	0	1	0
1109	3	943	2	2	52.28747	f	0	1	0
1110	3	943	2	2	52.28747	f	0	1	0
1111	4	943	2	2	52.28747	f	0	1	0
1112	4	943	2	2	52.28747	f	0	1	0
1113	3	2976	0	2	51.20055	f	0	0	1
1114	3	2976	0	2	51.20055	f	0	0	1
1115	3	2976	0	2	51.20055	f	0	0	1
1116	2	2976	0	2	51.20055	f	0	0	1
1117	3	2615	0	2	33.86448	f	0	0	0
1118	3	2615	0	2	33.86448	f	0	0	0
1119	3	2615	0	2	33.86448	f	0	0	0
1120	4	2615	0	2	33.86448	f	0	0	0

1121	4	2615	0	2	33.86448	f	0	0	0
1122	4	2615	0	2	33.86448	f	0	0	0
1123	4	2615	0	2	33.86448	f	0	0	0
1124	2	2995	0	1	75.01164	f	0	0	0
1125	2	2995	0	1	75.01164	f	0	0	0
1126	3	2995	0	1	75.01164	f	0	0	0
1127	3	2995	0	1	75.01164	f	0	0	0
1128	3	2995	0	1	75.01164	f	0	0	0
1129	3	1427	2	2	30.86379	f	0	1	0
1130	3	1427	2	2	30.86379	f	0	1	0
1131	4	1427	2	2	30.86379	f	0	1	0
1132	4	1427	2	2	30.86379	f	0	1	0
1133	4	1427	2	2	30.86379	f	0	1	0
1134	4	1427	2	2	30.86379	f	0	1	0
1135	4	762	2	1	61.80424	m	0	1	1
1136	4	762	2	1	61.80424	m	0	1	1
1137	4	762	2	1	61.80424	m	0	1	1
1138	1	2891	0	2	34.98700	f	0	0	1
1139	1	2891	0	2	34.98700	f	0	0	1
1140	2	2891	0	2	34.98700	f	0	0	1
1141	2	2891	0	2	34.98700	f	0	0	1
1142	3	2891	0	2	34.98700	f	0	0	1
1143	4	2891	0	2	34.98700	f	0	0	1
1144	4	2891	0	2	34.98700	f	0	0	1
1145	4	2891	0	2	34.98700	f	0	0	1
1146	4	2891	0	2	34.98700	f	0	0	1
1147	2	2870	0	1	55.04175	f	0	0	0
1148	2	2870	0	1	55.04175	f	0	0	0
1149	3	2870	0	1	55.04175	f	0	0	0
1150	3	2870	0	1	55.04175	f	0	0	0
1151	3	2870	0	1	55.04175	f	0	0	0
1152	4	2870	0	1	55.04175	f	0	0	0
1153	4	2870	0	1	55.04175	f	0	0	0
1154	4	2870	0	1	55.04175	f	0	0	0
1155	4	2870	0	1	55.04175	f	0	0	0
1156	4	2870	0	1	55.04175	f	0	0	0
1157	4	2870	0	1	55.04175	f	0	0	0
1158	3	1152	2	1	69.94114	m	0	1	0
1159	3	1152	2	1	69.94114	m	0	1	0
1160	3	1152	2	1	69.94114	m	0	1	0
1161	1	2863	0	1	49.60438	f	0	0	0
1162	1	2863	0	1	49.60438	f	0	0	0
1163	1	2863	0	1	49.60438	f	0	0	0

1164	1	2863	0	1	49.60438	f	0	0	0
1165	1	2863	0	1	49.60438	f	0	0	0
1166	1	2863	0	1	49.60438	f	0	0	0
1167	1	2863	0	1	49.60438	f	0	0	0
1168	1	2863	0	1	49.60438	f	0	0	0
1169	1	2863	0	1	49.60438	f	0	0	0
1170	1	2863	0	1	49.60438	f	0	0	0
1171	3	140	2	1	69.37714	m	0	0	1
1172	4	2666	0	2	43.55647	f	0	1	1
1173	4	2666	0	2	43.55647	f	0	1	1
1174	4	2666	0	2	43.55647	f	0	1	1
1175	2	853	2	2	59.40862	f	0	1	0
1176	2	853	2	2	59.40862	f	0	1	0
1177	3	853	2	2	59.40862	f	0	1	0
1178	3	853	2	2	59.40862	f	0	1	0
1179	2	2835	0	2	48.75838	f	0	0	0
1180	2	2835	0	2	48.75838	f	0	0	0
1181	3	2835	0	2	48.75838	f	0	0	0
1182	3	2835	0	2	48.75838	f	0	0	0
1183	3	2835	0	2	48.75838	f	0	0	0
1184	3	2835	0	2	48.75838	f	0	0	0
1185	3	2835	0	2	48.75838	f	0	0	0
1186	2	2835	0	2	48.75838	f	0	0	0
1187	2	2835	0	2	48.75838	f	0	0	0
1188	3	2835	0	2	48.75838	f	0	0	0
1189	3	2835	0	2	48.75838	f	0	0	0
1190	2	2475	1	1	36.49281	f	0	0	0
1191	2	2475	1	1	36.49281	f	0	0	0
1192	3	2475	1	1	36.49281	f	0	0	0
1193	3	2475	1	1	36.49281	f	0	0	0
1194	3	2475	1	1	36.49281	f	0	0	0
1195	3	2475	1	1	36.49281	f	0	0	0
1196	3	2475	1	1	36.49281	f	0	0	0
1197	3	2475	1	1	36.49281	f	0	0	0
1198	3	2475	1	1	36.49281	f	0	0	0
1199	3	1536	2	2	45.76044	m	0	0	0
1200	3	1536	2	2	45.76044	m	0	0	0
1201	3	1536	2	2	45.76044	m	0	0	0
1202	4	1536	2	2	45.76044	m	0	0	0
1203	3	2772	0	2	57.37166	f	0	0	0
1204	3	2772	0	2	57.37166	f	0	0	0
1205	4	2772	0	2	57.37166	f	0	0	0
1206	4	2772	0	2	57.37166	f	0	0	0

1207	4	2772	0	2	57.37166	f	0	0	0
1208	4	2772	0	2	57.37166	f	0	0	0
1209	4	2772	0	2	57.37166	f	0	0	0
1210	4	2772	0	2	57.37166	f	0	0	0
1211	2	2797	0	2	42.74333	f	0	0	0
1212	2	2797	0	2	42.74333	f	0	0	0
1213	2	2797	0	2	42.74333	f	0	0	0
1214	3	2797	0	2	42.74333	f	0	0	0
1215	3	2797	0	2	42.74333	f	0	0	0
1216	3	2797	0	2	42.74333	f	0	0	0
1217	3	2797	0	2	42.74333	f	0	0	0
1218	3	2797	0	2	42.74333	f	0	0	0
1219	3	2797	0	2	42.74333	f	0	0	0
1220	3	2797	0	2	42.74333	f	0	0	0
1221	3	2797	0	2	42.74333	f	0	0	0
1222	4	186	2	2	58.81725	f	0	1	1
1223	3	2055	2	1	53.49760	f	0	0	0
1224	3	2055	2	1	53.49760	f	0	0	0
1225	3	2055	2	1	53.49760	f	0	0	0
1226	4	264	2	2	43.41410	f	0	1	1
1227	4	1077	2	1	53.30595	m	0	1	0
1228	4	1077	2	1	53.30595	m	0	1	0
1229	4	1077	2	1	53.30595	m	0	1	0
1230	4	1077	2	1	53.30595	m	0	1	0
1231	4	1077	2	1	53.30595	m	0	1	0
1232	2	2721	0	2	41.35524	f	0	1	0
1233	2	2721	0	2	41.35524	f	0	1	0
1234	3	2721	0	2	41.35524	f	0	1	0
1235	3	2721	0	2	41.35524	f	0	1	0
1236	3	2721	0	2	41.35524	f	0	1	0
1237	3	2721	0	2	41.35524	f	0	1	0
1238	3	2721	0	2	41.35524	f	0	1	0
1239	3	2721	0	2	41.35524	f	0	1	0
1240	4	1682	2	1	60.95825	m	0	1	0
1241	4	1682	2	1	60.95825	m	0	1	0
1242	4	1682	2	1	60.95825	m	0	1	0
1243	4	1682	2	1	60.95825	m	0	1	0
1244	4	1682	2	1	60.95825	m	0	1	0
1245	4	1682	2	1	60.95825	m	0	1	0
1246	2	2713	0	2	47.75359	f	0	1	0
1247	2	2713	0	2	47.75359	f	0	1	0
1248	2	2713	0	2	47.75359	f	0	1	0
1249	2	2713	0	2	47.75359	f	0	1	0

1250	4	2713	0	2	47.75359	f	0	1	0
1251	4	2713	0	2	47.75359	f	0	1	0
1252	4	2713	0	2	47.75359	f	0	1	0
1253	4	2713	0	2	47.75359	f	0	1	0
1254	4	2713	0	2	47.75359	f	0	1	0
1255	4	2713	0	2	47.75359	f	0	1	0
1256	3	1212	2	2	35.49076	f	0	0	0
1257	3	1212	2	2	35.49076	f	0	0	0
1258	3	1212	2	2	35.49076	f	0	0	0
1259	3	1212	2	2	35.49076	f	0	0	0
1260	3	1212	2	2	35.49076	f	0	0	0
1261	3	2692	0	1	48.66256	f	0	0	0
1262	3	2574	0	1	52.66804	f	0	0	0
1263	3	2574	0	1	52.66804	f	0	0	0
1264	3	2574	0	1	52.66804	f	0	0	0
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1270	4	2574	0	1	52.66804	f	0	0	0
1271	4	2574	0	1	52.66804	f	0	0	0
1272	3	2301	0	2	49.86995	f	0	0	1
1273	3	2301	0	2	49.86995	f	0	0	1
1274	3	2301	0	2	49.86995	f	0	0	1
1275	3	2301	0	2	49.86995	f	0	0	1
1276	4	2301	0	2	49.86995	f	0	0	1
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1282	2	2657	0	1	30.27515	f	0	1	1
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1287	4	2657	0	1	30.27515	f	0	1	1
1288	1	2644	0	1	55.56742	f	0	0	0
1289	1	2644	0	1	55.56742	f	0	0	0
1290	1	2644	0	1	55.56742	f	0	0	0
1291	1	2644	0	1	55.56742	f	0	0	0
1292	1	2644	0	1	55.56742	f	0	0	0

1293	1	2644	0	1	55.56742	f	0	0	0
1294	1	2644	0	1	55.56742	f	0	0	0
1295	3	2644	0	1	55.56742	f	0	0	0
1296	3	2644	0	1	55.56742	f	0	0	0
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1300	4	2624	0	2	52.15332	f	0	0	0
1301	4	2624	0	2	52.15332	f	0	0	0
1302	4	2624	0	2	52.15332	f	0	0	0
1303	4	2624	0	2	52.15332	f	0	0	0
1304	4	2624	0	2	52.15332	f	0	0	0
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1306	4	2624	0	2	52.15332	f	0	0	0
1307	4	2624	0	2	52.15332	f	0	0	0
1308	4	1492	2	1	41.60986	f	0	1	1
1309	4	1492	2	1	41.60986	f	0	1	1
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1313	4	1492	2	1	41.60986	f	0	1	1
1314	2	2609	0	2	55.45243	f	0	0	0
1315	4	2580	0	1	70.00411	f	0	0	0
1316	4	2580	0	1	70.00411	f	0	0	0
1317	4	2580	0	1	70.00411	f	0	0	0
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1321	4	2573	0	2	43.94251	f	0	1	0
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1324	3	2563	0	2	42.56810	f	0	0	0
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1332	4	2563	0	2	42.56810	f	0	0	0
1333	4	2563	0	2	42.56810	f	0	0	0
1334	4	2556	0	1	44.56947	f	0	1	1
1335	2	2555	0	1	56.94456	f	0	1	0

1336	2	2555	0	1	56.94456	f	0	1	0
1337	2	2555	0	1	56.94456	f	0	1	0
1338	2	2555	0	1	56.94456	f	0	1	0
1339	1	2555	0	1	56.94456	f	0	1	0
1340	2	2241	1	2	40.26010	f	0	0	0
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1348	3	974	2	2	37.60712	f	0	1	0
1349	3	974	2	2	37.60712	f	0	1	0
1350	4	974	2	2	37.60712	f	0	1	0
1351	4	974	2	2	37.60712	f	0	1	0
1352	4	974	2	2	37.60712	f	0	1	0
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1356	4	2527	0	1	48.36140	f	0	0	0
1357	4	2527	0	1	48.36140	f	0	0	0
1358	3	1576	2	1	70.83641	f	0	0	1
1359	3	1576	2	1	70.83641	f	0	0	1
1360	4	1576	2	1	70.83641	f	0	0	1
1361	4	1576	2	1	70.83641	f	0	0	1
1362	3	733	2	2	35.79192	f	0	1	0
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1374	3	2456	0	2	50.64750	f	0	1	0
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1376	4	2456	0	2	50.64750	f	0	1	0
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1379	2	2504	0	1	54.52704	f	0	0	1
1380	2	2504	0	1	54.52704	f	0	0	1
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1383	4	216	2	2	52.69268	f	1	1	1
1384	4	2443	0	1	52.72005	f	0	1	0
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1394	4	797	2	2	56.77207	f	0	0	0
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1396	4	797	2	2	56.77207	f	0	0	0
1397	4	797	2	2	56.77207	f	0	0	0
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1403	4	2330	0	1	29.55510	f	0	1	0
1404	4	2363	0	1	57.04038	f	0	1	1
1405	4	2363	0	1	57.04038	f	0	1	1
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1412	2	2365	0	1	44.62697	f	0	0	0
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1414	3	2365	0	1	44.62697	f	0	0	0
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1421	2	2357	0	2	35.79740	f	0	0	1

1422	2	2357	0	2	35.79740	f	0	0	1
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1429	3	1592	0	1	40.71732	f	0	0	0
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1432	3	2318	0	2	32.23272	f	0	0	1
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1442	4	2318	0	2	32.23272	f	0	0	1
1443	4	2294	0	2	41.09240	f	0	1	0
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1453	2	2272	0	1	61.63997	f	0	0	0
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1462	2	2221	0	2	37.05681	f	0	1	0
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1464	3	2090	2	2	62.57906	f	0	0	0

1465	3	2090	2	2	62.57906	f	0	0	0
1466	3	2090	2	2	62.57906	f	0	0	0
1467	4	2090	2	2	62.57906	f	0	0	0
1468	4	2090	2	2	62.57906	f	0	0	0
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1470	4	2090	2	2	62.57906	f	0	0	0
1471	4	2090	2	2	62.57906	f	0	0	0
1472	3	2081	2	1	48.97741	f	1	0	0
1473	3	2081	2	1	48.97741	f	1	0	0
1474	3	2081	2	1	48.97741	f	1	0	0
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1477	1	2255	0	1	61.99042	f	0	0	0
1478	1	2255	0	1	61.99042	f	0	0	0
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1480	1	2255	0	1	61.99042	f	0	0	0
1481	1	2255	0	1	61.99042	f	0	0	0
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1485	4	2171	0	1	72.77207	f	0	0	0
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1487	4	2171	0	1	72.77207	f	0	0	0
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1492	4	904	2	1	61.29500	f	0	1	0
1493	4	904	2	1	61.29500	f	0	1	0
1494	4	904	2	1	61.29500	f	0	1	0
1495	2	2216	0	2	52.62423	f	0	1	1
1496	2	2216	0	2	52.62423	f	0	1	1
1497	2	2224	0	2	49.76318	m	0	1	0
1498	2	2224	0	2	49.76318	m	0	1	0
1499	4	2224	0	2	49.76318	m	0	1	0
1500	4	2224	0	2	49.76318	m	0	1	0
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1502	4	2224	0	2	49.76318	m	0	1	0
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1505	4	2224	0	2	49.76318	m	0	1	0
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1507	3	2195	0	2	52.91444	f	0	0	0

1508	3	2195	0	2	52.91444	f	0	0	0
1509	3	2195	0	2	52.91444	f	0	0	0
1510	3	2195	0	2	52.91444	f	0	0	0
1511	3	2195	0	2	52.91444	f	0	0	0
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1521	3	2178	0	1	50.20397	f	0	0	1
1522	3	2178	0	1	50.20397	f	0	0	1
1523	3	1786	2	2	69.34702	f	0	1	0
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1527	3	1080	2	2	41.16906	f	0	0	0
1528	3	1080	2	2	41.16906	f	0	0	0
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1538	4	790	2	2	36.07940	f	0	1	0
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1542	1	2170	0	1	34.59548	f	0	0	0
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1548	2	2170	0	1	34.59548	f	0	0	0
1549	1	2170	0	1	34.59548	f	0	0	0
1550	3	2170	0	1	34.59548	f	0	0	0

1551	2	2170	0	1	34.59548	f	0	0	0
1552	3	2157	0	2	42.71321	f	0	0	0
1553	3	2157	0	2	42.71321	f	0	0	0
1554	4	2157	0	2	42.71321	f	0	0	0
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1558	2	1235	2	1	63.63039	f	0	0	1
1559	2	1235	2	1	63.63039	f	0	0	1
1560	4	1235	2	1	63.63039	f	0	0	1
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1562	4	1235	2	1	63.63039	f	0	0	1
1563	4	2050	0	2	56.62971	f	0	1	0
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1565	4	2050	0	2	56.62971	f	0	1	0
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1571	3	597	2	2	46.26420	f	0	1	0
1572	3	597	2	2	46.26420	f	0	1	0
1573	3	597	2	2	46.26420	f	0	1	0
1574	3	597	2	2	46.26420	f	0	1	0
1575	4	334	2	1	61.24298	f	1	1	0
1576	3	1945	0	1	38.62012	f	0	0	0
1577	3	1945	0	1	38.62012	f	0	0	0
1578	3	1945	0	1	38.62012	f	0	0	0
1579	4	1945	0	1	38.62012	f	0	0	0
1580	4	1945	0	1	38.62012	f	0	0	0
1581	4	1945	0	1	38.62012	f	0	0	0
1582	4	1945	0	1	38.62012	f	0	0	0
1583	4	1945	0	1	38.62012	f	0	0	0
1584	2	2022	0	1	38.77070	f	0	0	0
1585	2	2022	0	1	38.77070	f	0	0	0
1586	2	2022	0	1	38.77070	f	0	0	0
1587	2	2022	0	1	38.77070	f	0	0	0
1588	2	2022	0	1	38.77070	f	0	0	0
1589	2	2022	0	1	38.77070	f	0	0	0
1590	3	2022	0	1	38.77070	f	0	0	0
1591	2	2022	0	1	38.77070	f	0	0	0
1592	2	2022	0	1	38.77070	f	0	0	0
1593	3	1978	0	2	56.69541	f	0	1	0

1594	3	1978	0	2	56.69541	f	0	1	0
1595	4	1978	0	2	56.69541	f	0	1	0
1596	3	1978	0	2	56.69541	f	0	1	0
1597	3	1978	0	2	56.69541	f	0	1	0
1598	3	1978	0	2	56.69541	f	0	1	0
1599	3	1978	0	2	56.69541	f	0	1	0
1600	3	1978	0	2	56.69541	f	0	1	0
1601	3	1978	0	2	56.69541	f	0	1	0
1602	2	999	2	1	58.95140	m	0	0	0
1603	3	999	2	1	58.95140	m	0	0	0
1604	3	999	2	1	58.95140	m	0	0	0
1605	3	999	2	1	58.95140	m	0	0	0
1606	3	1967	0	2	36.92266	f	0	0	0
1607	3	1967	0	2	36.92266	f	0	0	0
1608	3	1967	0	2	36.92266	f	0	0	0
1609	3	1967	0	2	36.92266	f	0	0	0
1610	4	348	2	1	62.41478	f	1	1	0
1611	4	348	2	1	62.41478	f	1	1	0
1612	4	348	2	1	62.41478	f	1	1	0
1613	4	1979	0	2	34.60917	f	0	1	1
1614	4	1979	0	2	34.60917	f	0	1	1
1615	4	1979	0	2	34.60917	f	0	1	1
1616	4	1979	0	2	34.60917	f	0	1	1
1617	4	1165	2	2	58.33539	f	0	1	1
1618	4	1165	2	2	58.33539	f	0	1	1
1619	4	1165	2	2	58.33539	f	0	1	1
1620	4	1165	2	2	58.33539	f	0	1	1
1621	3	1951	0	1	50.18207	f	0	1	0
1622	3	1951	0	1	50.18207	f	0	1	0
1623	3	1951	0	1	50.18207	f	0	1	0
1624	3	1951	0	1	50.18207	f	0	1	0
1625	4	1932	0	1	42.68583	f	0	1	1
1626	2	1776	0	2	34.37919	f	0	0	0
1627	2	1776	0	2	34.37919	f	0	0	0
1628	3	1882	0	2	33.18275	f	0	1	0
1629	3	1882	0	2	33.18275	f	0	1	0
1630	3	1908	0	1	38.38193	f	0	1	1
1631	4	1908	0	1	38.38193	f	0	1	1
1632	3	1882	0	1	59.76181	f	0	1	0
1633	3	1882	0	1	59.76181	f	0	1	0
1634	2	1874	0	2	66.41205	f	0	0	0
1635	2	1874	0	2	66.41205	f	0	0	0
1636	1	1874	0	2	66.41205	f	0	0	0

1637	4	694	2	1	46.78987	f	0	1	1
1638	4	694	2	1	46.78987	f	0	1	1
1639	4	694	2	1	46.78987	f	0	1	1
1640	3	1831	0	1	56.07940	f	0	0	0
1641	3	1831	0	1	56.07940	f	0	0	0
1642	3	1831	0	1	56.07940	f	0	0	0
1643	3	1831	0	1	56.07940	f	0	0	0
1644	3	1831	0	1	56.07940	f	0	0	0
1645	3	1831	0	1	56.07940	f	0	0	0
1646	3	1831	0	1	56.07940	f	0	0	0
1647	3	1831	0	1	56.07940	f	0	0	0
1648	4	837	1	2	41.37440	f	0	1	1
1649	4	837	1	2	41.37440	f	0	1	1
1650	4	837	1	2	41.37440	f	0	1	1
1651	4	837	1	2	41.37440	f	0	1	1
1652	3	1810	0	1	64.57221	f	0	1	0
1653	3	1810	0	1	64.57221	f	0	1	0
1654	4	1810	0	1	64.57221	f	0	1	0
1655	4	1810	0	1	64.57221	f	0	1	0
1656	4	1810	0	1	64.57221	f	0	1	0
1657	4	1810	0	1	64.57221	f	0	1	0
1658	4	1810	0	1	64.57221	f	0	1	0
1659	4	1810	0	1	64.57221	f	0	1	0
1660	4	930	2	2	67.48802	f	0	1	0
1661	4	930	2	2	67.48802	f	0	1	0
1662	3	1690	2	1	44.82957	f	0	0	1
1663	3	1690	2	1	44.82957	f	0	0	1
1664	3	1690	2	1	44.82957	f	0	0	1
1665	4	1690	2	1	44.82957	f	0	0	1
1666	3	1790	0	2	45.77139	f	0	1	0
1667	3	1790	0	2	45.77139	f	0	1	0
1668	4	1435	1	1	32.95003	f	0	1	0
1669	4	1435	1	1	32.95003	f	0	1	0
1670	4	1435	1	1	32.95003	f	0	1	0
1671	4	1435	1	1	32.95003	f	0	1	0
1672	4	1435	1	1	32.95003	f	0	1	0
1673	4	1435	1	1	32.95003	f	0	1	0
1674	3	732	1	1	41.22108	f	0	1	0
1675	3	732	1	1	41.22108	f	0	1	0
1676	4	732	1	1	41.22108	f	0	1	0
1677	4	732	1	1	41.22108	f	0	1	0
1678	3	1785	0	2	55.41684	f	0	1	0
1679	3	1785	0	2	55.41684	f	0	1	0

1680	4	1785	0	2	55.41684	f	0	1	0
1681	4	1785	0	2	55.41684	f	0	1	0
1682	4	1785	0	2	55.41684	f	0	1	0
1683	4	1785	0	2	55.41684	f	0	1	0
1684	4	1785	0	2	55.41684	f	0	1	0
1685	4	1785	0	2	55.41684	f	0	1	0
1686	4	1783	0	1	47.98084	f	0	0	1
1687	4	1783	0	1	47.98084	f	0	0	1
1688	4	1783	0	1	47.98084	f	0	0	1
1689	4	1769	0	2	40.79124	f	0	1	0
1690	3	1769	0	2	40.79124	f	0	1	0
1691	2	1457	0	1	56.97467	f	0	0	0
1692	4	1770	0	1	68.46270	f	0	1	1
1693	4	1770	0	1	68.46270	f	0	1	1
1694	4	1770	0	1	68.46270	f	0	1	1
1695	4	1765	0	1	78.43943	m	1	1	1
1696	4	1765	0	1	78.43943	m	1	1	1
1697	4	1765	0	1	78.43943	m	1	1	1
1698	4	1765	0	1	78.43943	m	1	1	1
1699	4	1765	0	1	78.43943	m	1	1	1
1700	4	1765	0	1	78.43943	m	1	1	1
1701	4	1765	0	1	78.43943	m	1	1	1
1702	4	1765	0	1	78.43943	m	1	1	1
1703	3	737	1	1	39.85763	f	0	1	1
1704	3	737	1	1	39.85763	f	0	1	1
1705	3	737	1	1	39.85763	f	0	1	1
1706	3	737	1	1	39.85763	f	0	1	1
1707	3	1735	0	2	35.31006	f	0	1	1
1708	3	1735	0	2	35.31006	f	0	1	1
1709	3	1735	0	2	35.31006	f	0	1	1
1710	3	1735	0	2	35.31006	f	0	1	1
1711	3	1735	0	2	35.31006	f	0	1	1
1712	3	1735	0	2	35.31006	f	0	1	1
1713	3	1701	0	1	31.44422	f	0	0	0
1714	3	1701	0	1	31.44422	f	0	0	0
1715	3	1701	0	1	31.44422	f	0	0	0
1716	4	1701	0	1	31.44422	f	0	0	0
1717	4	1701	0	1	31.44422	f	0	0	0
1718	4	1701	0	1	31.44422	f	0	0	0
1719	2	1614	0	1	58.26420	f	0	0	0
1720	2	1614	0	1	58.26420	f	0	0	0
1721	2	1614	0	1	58.26420	f	0	0	0
1722	1	1702	0	1	51.48802	f	0	0	0

1723	1	1702	0	1	51.48802	f	0	0	0
1724	3	1702	0	1	51.48802	f	0	0	0
1725	3	1702	0	1	51.48802	f	0	0	0
1726	3	1702	0	1	51.48802	f	0	0	0
1727	3	1702	0	1	51.48802	f	0	0	0
1728	3	1702	0	1	51.48802	f	0	0	0
1729	3	1702	0	1	51.48802	f	0	0	0
1730	3	1615	0	2	59.96988	f	0	1	0
1731	3	1615	0	2	59.96988	f	0	1	0
1732	3	1615	0	2	59.96988	f	0	1	0
1733	3	1615	0	2	59.96988	f	0	1	0
1734	3	1615	0	2	59.96988	f	0	1	0
1735	4	1656	0	2	74.52430	m	0	1	0
1736	3	1677	0	2	52.36413	f	0	1	1
1737	3	1677	0	2	52.36413	f	0	1	1
1738	3	1677	0	2	52.36413	f	0	1	1
1739	3	1677	0	2	52.36413	f	0	1	1
1740	3	1677	0	2	52.36413	f	0	1	1
1741	3	1677	0	2	52.36413	f	0	1	1
1742	3	1666	0	2	42.78713	f	0	1	0
1743	3	1666	0	2	42.78713	f	0	1	0
1744	3	1666	0	2	42.78713	f	0	1	0
1745	4	1301	1	2	34.87474	f	0	1	1
1746	4	1301	1	2	34.87474	f	0	1	1
1747	4	1301	1	2	34.87474	f	0	1	1
1748	4	1301	1	2	34.87474	f	0	1	1
1749	4	1301	1	2	34.87474	f	0	1	1
1750	3	1542	1	2	44.13963	f	0	1	1
1751	3	1542	1	2	44.13963	f	0	1	1
1752	3	1542	1	2	44.13963	f	0	1	1
1753	3	1542	1	2	44.13963	f	0	1	1
1754	4	1084	1	2	46.38193	f	0	1	0
1755	4	1084	1	2	46.38193	f	0	1	0
1756	4	1084	1	2	46.38193	f	0	1	0
1757	4	1084	1	2	46.38193	f	0	1	0
1758	3	1614	0	1	56.30938	f	0	0	0
1759	3	1614	0	1	56.30938	f	0	0	0
1760	3	1614	0	1	56.30938	f	0	0	0
1761	3	1614	0	1	56.30938	f	0	0	0
1762	3	1614	0	1	56.30938	f	0	0	0
1763	3	1614	0	1	56.30938	f	0	0	0
1764	3	1614	0	1	56.30938	f	0	0	0
1765	4	179	2	1	70.90760	f	1	1	1

1766	4	1191	2	1	55.39493	f	1	1	0
1767	4	1191	2	1	55.39493	f	1	1	0
1768	2	1363	0	2	45.08419	f	0	0	0
1769	2	1363	0	2	45.08419	f	0	0	0
1770	4	1363	0	2	45.08419	f	0	0	0
1771	4	1363	0	2	45.08419	f	0	0	0
1772	4	1363	0	2	45.08419	f	0	0	0
1773	4	1363	0	2	45.08419	f	0	0	0
1774	4	1363	0	2	45.08419	f	0	0	0
1775	3	1568	0	1	26.27789	f	0	1	1
1776	4	1568	0	1	26.27789	f	0	1	1
1777	4	1568	0	1	26.27789	f	0	1	1
1778	3	1569	0	2	50.47228	f	0	1	0
1779	3	1569	0	2	50.47228	f	0	1	0
1780	3	1569	0	2	50.47228	f	0	1	0
1781	3	1569	0	2	50.47228	f	0	1	0
1782	4	1569	0	2	50.47228	f	0	1	0
1783	4	1569	0	2	50.47228	f	0	1	0
1784	4	1569	0	2	50.47228	f	0	1	0
1785	4	1569	0	2	50.47228	f	0	1	0
1786	1	1525	0	1	38.39836	f	0	0	0
1787	1	1525	0	1	38.39836	f	0	0	0
1788	1	1525	0	1	38.39836	f	0	0	0
1789	1	1525	0	1	38.39836	f	0	0	0
1790	1	1525	0	1	38.39836	f	0	0	0
1791	2	1525	0	1	38.39836	f	0	0	0
1792	3	1558	0	2	47.41958	f	0	0	1
1793	3	1558	0	2	47.41958	f	0	0	1
1794	4	1558	0	2	47.41958	f	0	0	1
1795	4	1447	1	1	47.98084	f	0	0	0
1796	4	1447	1	1	47.98084	f	0	0	0
1797	4	1447	1	1	47.98084	f	0	0	0
1798	4	1447	1	1	47.98084	f	0	0	0
1799	4	1447	1	1	47.98084	f	0	0	0
1800	4	1349	0	1	38.31622	f	0	0	0
1801	4	1349	0	1	38.31622	f	0	0	0
1802	4	1349	0	1	38.31622	f	0	0	0
1803	4	1349	0	1	38.31622	f	0	0	0
1804	2	1481	0	1	50.10815	f	0	0	0
1805	2	1481	0	1	50.10815	f	0	0	0
1806	3	1434	0	2	35.08830	f	0	0	0
1807	3	1434	0	2	35.08830	f	0	0	0
1808	4	1434	0	2	35.08830	f	0	0	0

1809	4	1434	0	2	35.08830	f	0	0	0
1810	4	1434	0	2	35.08830	f	0	0	0
1811	4	1420	0	2	32.50376	f	0	0	0
1812	4	1420	0	2	32.50376	f	0	0	0
1813	4	1420	0	2	32.50376	f	0	0	0
1814	4	1420	0	2	32.50376	f	0	0	0
1815	4	1420	0	2	32.50376	f	0	0	0
1816	2	1433	0	2	56.15332	f	0	0	0
1817	2	1433	0	2	56.15332	f	0	0	0
1818	2	1433	0	2	56.15332	f	0	0	0
1819	2	1433	0	2	56.15332	f	0	0	0
1820	2	1433	0	2	56.15332	f	0	0	0
1821	2	1433	0	2	56.15332	f	0	0	0
1822	2	1433	0	2	56.15332	f	0	0	0
1823	3	1412	0	1	46.15469	f	0	0	0
1824	3	1412	0	1	46.15469	f	0	0	0
1825	3	1412	0	1	46.15469	f	0	0	0
1826	3	1412	0	1	46.15469	f	0	0	0
1827	3	1412	0	1	46.15469	f	0	0	0
1828	3	1412	0	1	46.15469	f	0	0	0
1829	3	1412	0	1	46.15469	f	0	0	0
1830	4	41	2	1	65.88364	f	1	0	0
1831	4	1455	0	2	33.94387	f	0	1	0
1832	4	1455	0	2	33.94387	f	0	1	0
1833	4	1455	0	2	33.94387	f	0	1	0
1834	4	1455	0	2	33.94387	f	0	1	0
1835	4	1030	0	2	62.86105	f	0	0	0
1836	4	1030	0	2	62.86105	f	0	0	0
1837	4	1030	0	2	62.86105	f	0	0	0
1838	4	1030	0	2	62.86105	f	0	0	0
1839	3	1418	0	2	48.56400	f	0	0	0
1840	3	1418	0	2	48.56400	f	0	0	0
1841	3	1418	0	2	48.56400	f	0	0	0
1842	3	1418	0	2	48.56400	f	0	0	0
1843	3	1418	0	2	48.56400	f	0	0	0
1844	3	1418	0	2	48.56400	f	0	0	0
1845	3	1418	0	2	48.56400	f	0	0	0
1846	1	1401	0	1	46.34908	f	0	0	0
1847	3	1408	0	1	38.85284	f	0	1	1
1848	3	1408	0	1	38.85284	f	0	1	1
1849	4	1234	0	1	58.64750	f	0	0	1
1850	4	1234	0	1	58.64750	f	0	0	1
1851	4	1234	0	1	58.64750	f	0	0	1

1852	4	1234	0	1	58.64750	f	0	0	1
1853	2	1067	1	2	48.93634	f	0	1	0
1854	2	1067	1	2	48.93634	f	0	1	0
1855	2	799	2	1	67.57290	m	0	1	0
1856	2	799	2	1	67.57290	m	0	1	0
1857	2	799	2	1	67.57290	m	0	1	0
1858	2	799	2	1	67.57290	m	0	1	0
1859	3	1363	0	1	65.98494	f	0	0	0
1860	3	1363	0	1	65.98494	f	0	0	0
1861	4	1363	0	1	65.98494	f	0	0	0
1862	4	1363	0	1	65.98494	f	0	0	0
1863	4	1363	0	1	65.98494	f	0	0	0
1864	4	1363	0	1	65.98494	f	0	0	0
1865	4	1363	0	1	65.98494	f	0	0	0
1866	4	901	1	1	40.90075	f	0	0	0
1867	4	901	1	1	40.90075	f	0	0	0
1868	4	901	1	1	40.90075	f	0	0	0
1869	4	901	1	1	40.90075	f	0	0	0
1870	4	901	1	1	40.90075	f	0	0	0
1871	3	1329	0	2	50.24504	m	0	1	0
1872	3	1329	0	2	50.24504	m	0	1	0
1873	3	1329	0	2	50.24504	m	0	1	0
1874	4	1320	0	2	57.19644	f	0	1	1
1875	4	1320	0	2	57.19644	f	0	1	1
1876	4	1302	0	1	60.53662	m	0	1	0
1877	4	1302	0	1	60.53662	m	0	1	0
1878	4	1302	0	1	60.53662	m	0	1	0
1879	4	1302	0	1	60.53662	m	0	1	0
1880	4	1302	0	1	60.53662	m	0	1	0
1881	4	1302	0	1	60.53662	m	0	1	0
1882	4	1302	0	1	60.53662	m	0	1	0
1883	3	877	1	1	35.35113	m	0	0	0
1884	4	877	1	1	35.35113	m	0	0	0
1885	4	1321	0	2	31.38125	f	0	0	0
1886	4	1321	0	2	31.38125	f	0	0	0
1887	4	1321	0	2	31.38125	f	0	0	0
1888	4	533	1	1	55.98631	m	0	1	0
1889	4	533	1	1	55.98631	m	0	1	0
1890	4	533	1	1	55.98631	m	0	1	0
1891	3	1300	0	2	52.72553	f	0	1	0
1892	3	1300	0	2	52.72553	f	0	1	0
1893	4	1300	0	2	52.72553	f	0	1	0
1894	3	1293	0	1	38.09172	f	0	0	0

1895	4	207	2	2	58.17112	f	0	1	0
1896	4	207	2	2	58.17112	f	0	1	0
1897	4	1295	0	2	45.21013	f	0	0	0
1898	4	1295	0	2	45.21013	f	0	0	0
1899	4	1295	0	2	45.21013	f	0	0	0
1900	2	1271	0	1	37.79877	f	0	0	0
1901	2	1271	0	1	37.79877	f	0	0	0
1902	2	1271	0	1	37.79877	f	0	0	0
1903	3	1271	0	1	37.79877	f	0	0	0
1904	3	1271	0	1	37.79877	f	0	0	0
1905	4	1250	0	2	60.65982	f	0	1	1
1906	4	1250	0	2	60.65982	f	0	1	1
1907	4	1250	0	2	60.65982	f	0	1	1
1908	4	1250	0	2	60.65982	f	0	1	1
1909	3	1230	0	1	35.53457	f	0	0	0
1910	3	1216	0	2	43.06639	f	0	1	1
1911	3	1216	0	2	43.06639	f	0	1	1
1912	3	1216	0	2	43.06639	f	0	1	1
1913	3	1216	0	2	43.06639	f	0	1	1
1914	3	1216	0	2	43.06639	f	0	1	1
1915	2	1216	0	2	56.39151	f	0	1	0
1916	2	1216	0	2	56.39151	f	0	1	0
1917	2	1149	0	2	30.57358	f	0	0	0
1918	2	1149	0	2	30.57358	f	0	0	0
1919	2	1149	0	2	30.57358	f	0	0	0
1920	2	1149	0	2	30.57358	f	0	0	0
1921	2	1149	0	2	30.57358	f	0	0	0
1922	2	1153	0	1	61.18275	f	0	1	0
1923	2	1153	0	1	61.18275	f	0	1	0
1924	3	1153	0	1	61.18275	f	0	1	0
1925	3	1153	0	1	61.18275	f	0	1	0
1926	3	1153	0	1	61.18275	f	0	1	0
1927	2	994	0	2	58.29979	f	0	0	0
1928	2	994	0	2	58.29979	f	0	0	0
1929	2	994	0	2	58.29979	f	0	0	0
1930	3	994	0	2	58.29979	f	0	0	0
1931	3	994	0	2	58.29979	f	0	0	0
1932	2	939	0	1	62.33265	f	0	0	0
1933	3	939	0	1	62.33265	f	0	0	0
1934	3	939	0	1	62.33265	f	0	0	0
1935	3	939	0	1	62.33265	f	0	0	0
1936	3	939	0	1	62.33265	f	0	0	0
1937	2	839	0	1	37.99863	f	0	0	0

1938	2	839	0	1	37.99863	f	0	0	0
1939	3	839	0	1	37.99863	f	0	0	0
1940	3	839	0	1	37.99863	f	0	0	0
1941	2	788	0	2	33.15264	f	0	0	1
1942	2	788	0	2	33.15264	f	0	0	1
1943	2	788	0	2	33.15264	f	0	0	1
1944	2	788	0	2	33.15264	f	0	0	1
1945	3	788	0	2	33.15264	f	0	0	1

	edema.y	bili.y	chol.y	albumin.y	copper	alk.phos.y	ast.y	trig	platelet.y
1	1.0	14.5	261	2.60	156	1718.0	137.95	172	190
2	1.0	14.5	261	2.60	156	1718.0	137.95	172	190
3	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
4	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
5	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
6	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
7	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
8	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
9	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
10	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
11	0.0	1.1	302	4.14	54	7394.8	113.52	88	221
12	0.5	1.4	176	3.48	210	516.0	96.10	55	151
13	0.5	1.4	176	3.48	210	516.0	96.10	55	151
14	0.5	1.4	176	3.48	210	516.0	96.10	55	151
15	0.5	1.4	176	3.48	210	516.0	96.10	55	151
16	0.5	1.8	244	2.54	64	6121.8	60.63	92	183
17	0.5	1.8	244	2.54	64	6121.8	60.63	92	183
18	0.5	1.8	244	2.54	64	6121.8	60.63	92	183
19	0.5	1.8	244	2.54	64	6121.8	60.63	92	183
20	0.5	1.8	244	2.54	64	6121.8	60.63	92	183
21	0.5	1.8	244	2.54	64	6121.8	60.63	92	183
22	0.5	1.8	244	2.54	64	6121.8	60.63	92	183
23	0.0	3.4	279	3.53	143	671.0	113.15	72	136
24	0.0	3.4	279	3.53	143	671.0	113.15	72	136
25	0.0	3.4	279	3.53	143	671.0	113.15	72	136
26	0.0	3.4	279	3.53	143	671.0	113.15	72	136
27	0.0	3.4	279	3.53	143	671.0	113.15	72	136
28	0.0	3.4	279	3.53	143	671.0	113.15	72	136
29	0.0	0.8	248	3.98	50	944.0	93.00	63	NA
30	0.0	0.8	248	3.98	50	944.0	93.00	63	NA
31	0.0	0.8	248	3.98	50	944.0	93.00	63	NA
32	0.0	0.8	248	3.98	50	944.0	93.00	63	NA
33	0.0	0.8	248	3.98	50	944.0	93.00	63	NA
34	0.0	0.8	248	3.98	50	944.0	93.00	63	NA

35	0.0	1.0	322	4.09	52	824.0	60.45	213	204
36	0.0	1.0	322	4.09	52	824.0	60.45	213	204
37	0.0	1.0	322	4.09	52	824.0	60.45	213	204
38	0.0	1.0	322	4.09	52	824.0	60.45	213	204
39	0.0	1.0	322	4.09	52	824.0	60.45	213	204
40	0.0	1.0	322	4.09	52	824.0	60.45	213	204
41	0.0	1.0	322	4.09	52	824.0	60.45	213	204
42	0.0	0.3	280	4.00	52	4651.2	28.38	189	373
43	0.0	0.3	280	4.00	52	4651.2	28.38	189	373
44	0.0	0.3	280	4.00	52	4651.2	28.38	189	373
45	0.0	0.3	280	4.00	52	4651.2	28.38	189	373
46	0.0	0.3	280	4.00	52	4651.2	28.38	189	373
47	0.0	0.3	280	4.00	52	4651.2	28.38	189	373
48	0.0	0.3	280	4.00	52	4651.2	28.38	189	373
49	0.0	0.3	280	4.00	52	4651.2	28.38	189	373
50	0.0	3.2	562	3.08	79	2276.0	144.15	88	251
51	0.0	3.2	562	3.08	79	2276.0	144.15	88	251
52	0.0	3.2	562	3.08	79	2276.0	144.15	88	251
53	0.0	3.2	562	3.08	79	2276.0	144.15	88	251
54	0.0	3.2	562	3.08	79	2276.0	144.15	88	251
55	0.0	3.2	562	3.08	79	2276.0	144.15	88	251
56	0.0	3.2	562	3.08	79	2276.0	144.15	88	251
57	1.0	12.6	200	2.74	140	918.0	147.25	143	302
58	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
59	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
60	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
61	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
62	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
63	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
64	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
65	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
66	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
67	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
68	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
69	0.0	1.4	259	4.16	46	1104.0	79.05	79	258
70	0.0	3.6	236	3.52	94	591.0	82.15	95	71
71	0.0	3.6	236	3.52	94	591.0	82.15	95	71
72	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
73	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
74	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
75	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
76	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
77	0.0	0.7	281	3.85	40	1181.0	88.35	130	244

78	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
79	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
80	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
81	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
82	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
83	0.0	0.7	281	3.85	40	1181.0	88.35	130	244
84	1.0	0.8	NA	2.27	43	728.0	71.00	NA	156
85	1.0	0.8	NA	2.27	43	728.0	71.00	NA	156
86	1.0	0.8	NA	2.27	43	728.0	71.00	NA	156
87	1.0	0.8	NA	2.27	43	728.0	71.00	NA	156
88	1.0	0.8	NA	2.27	43	728.0	71.00	NA	156
89	1.0	0.8	NA	2.27	43	728.0	71.00	NA	156
90	1.0	0.8	NA	2.27	43	728.0	71.00	NA	156
91	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
92	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
93	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
94	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
95	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
96	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
97	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
98	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
99	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
100	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
101	0.0	0.8	231	3.87	173	9009.8	127.71	96	295
102	0.0	0.7	204	3.66	28	685.0	72.85	58	198
103	0.0	0.7	204	3.66	28	685.0	72.85	58	198
104	0.0	0.7	204	3.66	28	685.0	72.85	58	198
105	0.0	0.7	204	3.66	28	685.0	72.85	58	198
106	0.0	0.7	204	3.66	28	685.0	72.85	58	198
107	0.0	0.7	204	3.66	28	685.0	72.85	58	198
108	0.0	0.7	204	3.66	28	685.0	72.85	58	198
109	0.0	0.7	204	3.66	28	685.0	72.85	58	198
110	0.0	0.7	204	3.66	28	685.0	72.85	58	198
111	0.0	0.7	204	3.66	28	685.0	72.85	58	198
112	0.0	0.7	204	3.66	28	685.0	72.85	58	198
113	0.0	0.7	204	3.66	28	685.0	72.85	58	198
114	0.0	0.7	204	3.66	28	685.0	72.85	58	198
115	0.0	2.7	274	3.15	159	1533.0	117.80	128	224
116	0.0	2.7	274	3.15	159	1533.0	117.80	128	224
117	0.0	2.7	274	3.15	159	1533.0	117.80	128	224
118	1.0	11.4	178	2.80	588	961.0	280.55	200	283
119	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
120	0.5	0.7	235	3.56	39	1881.0	93.00	123	209

121	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
122	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
123	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
124	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
125	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
126	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
127	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
128	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
129	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
130	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
131	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
132	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
133	0.5	0.7	235	3.56	39	1881.0	93.00	123	209
134	0.0	5.1	374	3.51	140	1919.0	122.45	135	322
135	0.0	5.1	374	3.51	140	1919.0	122.45	135	322
136	0.0	5.1	374	3.51	140	1919.0	122.45	135	322
137	0.0	5.1	374	3.51	140	1919.0	122.45	135	322
138	0.0	0.6	252	3.83	41	843.0	65.10	83	336
139	0.0	0.6	252	3.83	41	843.0	65.10	83	336
140	0.0	0.6	252	3.83	41	843.0	65.10	83	336
141	0.0	0.6	252	3.83	41	843.0	65.10	83	336
142	0.0	0.6	252	3.83	41	843.0	65.10	83	336
143	0.0	0.6	252	3.83	41	843.0	65.10	83	336
144	0.0	0.6	252	3.83	41	843.0	65.10	83	336
145	0.0	0.6	252	3.83	41	843.0	65.10	83	336
146	0.0	0.6	252	3.83	41	843.0	65.10	83	336
147	0.0	0.6	252	3.83	41	843.0	65.10	83	336
148	0.0	0.6	252	3.83	41	843.0	65.10	83	336
149	0.0	0.6	252	3.83	41	843.0	65.10	83	336
150	0.0	3.4	271	3.63	464	1376.0	120.90	55	173
151	0.0	3.4	271	3.63	464	1376.0	120.90	55	173
152	0.0	3.4	271	3.63	464	1376.0	120.90	55	173
153	1.0	17.4	395	2.94	558	6064.8	227.04	191	214
154	1.0	17.4	395	2.94	558	6064.8	227.04	191	214
155	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
156	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
157	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
158	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
159	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
160	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
161	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
162	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
163	0.0	2.1	456	4.00	124	5719.0	221.88	230	70

164	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
165	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
166	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
167	0.0	2.1	456	4.00	124	5719.0	221.88	230	70
168	0.0	0.7	298	4.10	40	661.0	106.95	66	324
169	0.0	0.7	298	4.10	40	661.0	106.95	66	324
170	0.0	0.7	298	4.10	40	661.0	106.95	66	324
171	0.0	0.7	298	4.10	40	661.0	106.95	66	324
172	0.0	0.7	298	4.10	40	661.0	106.95	66	324
173	0.0	0.7	298	4.10	40	661.0	106.95	66	324
174	0.0	0.7	298	4.10	40	661.0	106.95	66	324
175	0.0	0.7	298	4.10	40	661.0	106.95	66	324
176	0.0	0.7	298	4.10	40	661.0	106.95	66	324
177	0.0	0.7	298	4.10	40	661.0	106.95	66	324
178	0.0	0.7	298	4.10	40	661.0	106.95	66	324
179	0.0	0.7	298	4.10	40	661.0	106.95	66	324
180	0.0	5.2	1128	3.68	53	3228.0	165.85	166	421
181	0.0	5.2	1128	3.68	53	3228.0	165.85	166	421
182	0.0	5.2	1128	3.68	53	3228.0	165.85	166	421
183	0.0	5.2	1128	3.68	53	3228.0	165.85	166	421
184	0.0	5.2	1128	3.68	53	3228.0	165.85	166	421
185	0.0	5.2	1128	3.68	53	3228.0	165.85	166	421
186	0.5	21.6	175	3.31	221	3697.4	101.91	168	80
187	1.0	17.2	222	3.23	209	1975.0	189.10	195	144
188	1.0	17.2	222	3.23	209	1975.0	189.10	195	144
189	1.0	17.2	222	3.23	209	1975.0	189.10	195	144
190	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
191	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
192	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
193	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
194	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
195	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
196	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
197	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
198	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
199	0.0	0.7	370	3.78	24	5833.0	73.53	86	390
200	0.0	3.6	260	2.54	172	7277.0	121.26	158	124
201	0.0	3.6	260	2.54	172	7277.0	121.26	158	124
202	0.0	3.6	260	2.54	172	7277.0	121.26	158	124
203	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
204	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
205	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
206	0.0	4.7	296	3.44	114	9933.2	206.40	101	195

207	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
208	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
209	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
210	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
211	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
212	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
213	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
214	0.0	4.7	296	3.44	114	9933.2	206.40	101	195
215	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
216	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
217	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
218	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
219	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
220	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
221	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
222	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
223	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
224	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
225	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
226	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
227	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
228	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
229	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
230	0.0	1.8	262	3.34	101	7277.0	82.56	158	286
231	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
232	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
233	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
234	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
235	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
236	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
237	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
238	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
239	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
240	0.0	0.8	210	3.19	82	1592.0	218.55	113	180
241	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
242	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
243	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
244	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
245	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
246	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
247	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
248	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
249	0.0	0.8	364	3.70	37	1840.0	170.50	64	273

250	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
251	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
252	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
253	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
254	0.0	0.8	364	3.70	37	1840.0	170.50	64	273
255	0.0	1.2	314	3.20	201	12258.8	72.24	151	431
256	0.0	1.2	314	3.20	201	12258.8	72.24	151	431
257	0.0	1.2	314	3.20	201	12258.8	72.24	151	431
258	0.0	1.2	314	3.20	201	12258.8	72.24	151	431
259	0.0	0.3	172	3.39	18	558.0	71.30	96	311
260	0.0	0.3	172	3.39	18	558.0	71.30	96	311
261	0.0	0.3	172	3.39	18	558.0	71.30	96	311
262	0.0	0.3	172	3.39	18	558.0	71.30	96	311
263	0.0	0.3	172	3.39	18	558.0	71.30	96	311
264	0.0	0.3	172	3.39	18	558.0	71.30	96	311
265	0.0	0.3	172	3.39	18	558.0	71.30	96	311
266	0.0	0.3	172	3.39	18	558.0	71.30	96	311
267	0.0	0.3	172	3.39	18	558.0	71.30	96	311
268	0.0	0.3	172	3.39	18	558.0	71.30	96	311
269	0.0	0.3	172	3.39	18	558.0	71.30	96	311
270	1.0	7.1	334	3.01	150	6931.2	180.60	118	102
271	1.0	7.1	334	3.01	150	6931.2	180.60	118	102
272	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
273	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
274	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
275	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
276	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
277	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
278	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
279	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
280	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
281	0.0	3.3	383	3.53	102	1234.0	137.95	87	234
282	0.0	0.7	282	3.00	52	9066.8	72.24	111	563
283	0.0	0.7	282	3.00	52	9066.8	72.24	111	563
284	0.0	0.7	282	3.00	52	9066.8	72.24	111	563
285	0.0	0.7	282	3.00	52	9066.8	72.24	111	563
286	0.0	0.7	282	3.00	52	9066.8	72.24	111	563
287	0.0	0.7	282	3.00	52	9066.8	72.24	111	563
288	0.0	0.7	282	3.00	52	9066.8	72.24	111	563
289	0.0	0.7	282	3.00	52	9066.8	72.24	111	563
290	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
291	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
292	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358

293	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
294	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
295	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
296	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
297	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
298	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
299	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
300	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
301	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
302	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
303	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
304	0.0	1.3	NA	3.34	105	11046.6	104.49	NA	358
305	0.0	6.8	NA	3.26	96	1215.0	151.90	NA	226
306	0.0	6.8	NA	3.26	96	1215.0	151.90	NA	226
307	0.0	6.8	NA	3.26	96	1215.0	151.90	NA	226
308	0.0	6.8	NA	3.26	96	1215.0	151.90	NA	226
309	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
310	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
311	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
312	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
313	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
314	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
315	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
316	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
317	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
318	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
319	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
320	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
321	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
322	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
323	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
324	0.0	2.1	NA	3.54	122	8778.0	56.76	NA	344
325	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
326	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
327	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
328	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
329	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
330	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
331	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
332	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
333	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
334	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
335	0.0	1.1	361	3.64	36	5430.2	67.08	89	203

336	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
337	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
338	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
339	0.0	1.1	361	3.64	36	5430.2	67.08	89	203
340	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
341	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
342	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
343	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
344	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
345	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
346	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
347	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
348	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
349	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
350	1.0	3.3	299	3.55	131	1029.0	119.35	50	199
351	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
352	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
353	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
354	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
355	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
356	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
357	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
358	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
359	0.0	0.6	NA	3.93	19	1826.0	71.30	NA	474
360	0.0	5.7	482	2.84	161	11552.0	136.74	165	518
361	0.0	5.7	482	2.84	161	11552.0	136.74	165	518
362	0.0	5.7	482	2.84	161	11552.0	136.74	165	518
363	0.0	5.7	482	2.84	161	11552.0	136.74	165	518
364	0.0	5.7	482	2.84	161	11552.0	136.74	165	518
365	0.0	5.7	482	2.84	161	11552.0	136.74	165	518
366	0.0	5.7	482	2.84	161	11552.0	136.74	165	518
367	0.0	5.7	482	2.84	161	11552.0	136.74	165	518
368	0.0	0.5	316	3.65	68	1716.0	187.55	71	356
369	0.0	0.5	316	3.65	68	1716.0	187.55	71	356
370	0.0	0.5	316	3.65	68	1716.0	187.55	71	356
371	0.0	0.5	316	3.65	68	1716.0	187.55	71	356
372	0.0	0.5	316	3.65	68	1716.0	187.55	71	356
373	0.0	0.5	316	3.65	68	1716.0	187.55	71	356
374	0.0	0.5	316	3.65	68	1716.0	187.55	71	356
375	0.0	1.9	259	3.70	281	10396.8	188.34	178	214
376	0.0	1.9	259	3.70	281	10396.8	188.34	178	214
377	0.0	1.9	259	3.70	281	10396.8	188.34	178	214
378	0.0	1.9	259	3.70	281	10396.8	188.34	178	214

379	0.0	1.9	259	3.70	281	10396.8	188.34	178	214
380	0.0	1.9	259	3.70	281	10396.8	188.34	178	214
381	0.0	1.9	259	3.70	281	10396.8	188.34	178	214
382	0.0	1.9	259	3.70	281	10396.8	188.34	178	214
383	0.0	1.9	259	3.70	281	10396.8	188.34	178	214
384	0.0	0.8	NA	3.82	58	678.0	97.65	NA	233
385	0.0	0.8	NA	3.82	58	678.0	97.65	NA	233
386	0.0	0.8	NA	3.82	58	678.0	97.65	NA	233
387	0.0	0.8	NA	3.82	58	678.0	97.65	NA	233
388	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
389	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
390	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
391	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
392	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
393	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
394	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
395	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
396	0.0	1.1	257	3.36	43	1080.0	106.95	73	128
397	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
398	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
399	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
400	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
401	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
402	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
403	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
404	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
405	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
406	0.0	0.8	276	3.60	54	4332.0	99.33	143	273
407	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
408	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
409	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
410	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
411	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
412	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
413	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
414	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
415	0.0	6.0	614	3.70	158	5084.4	206.40	93	362
416	0.0	2.6	NA	3.10	94	6456.2	56.76	NA	214
417	0.0	2.6	NA	3.10	94	6456.2	56.76	NA	214
418	0.0	2.6	NA	3.10	94	6456.2	56.76	NA	214
419	1.0	1.3	288	3.40	262	5487.2	73.53	125	254
420	1.0	1.3	288	3.40	262	5487.2	73.53	125	254
421	1.0	1.3	288	3.40	262	5487.2	73.53	125	254

422	1.0	1.3	288	3.40	262	5487.2	73.53	125	254
423	1.0	1.3	288	3.40	262	5487.2	73.53	125	254
424	0.0	1.8	416	3.94	121	10165.0	79.98	219	213
425	0.0	1.8	416	3.94	121	10165.0	79.98	219	213
426	0.0	1.8	416	3.94	121	10165.0	79.98	219	213
427	0.0	1.8	416	3.94	121	10165.0	79.98	219	213
428	0.0	1.8	416	3.94	121	10165.0	79.98	219	213
429	0.0	1.8	416	3.94	121	10165.0	79.98	219	213
430	0.0	1.1	498	3.80	88	13862.4	95.46	319	365
431	0.0	1.1	498	3.80	88	13862.4	95.46	319	365
432	0.0	1.1	498	3.80	88	13862.4	95.46	319	365
433	0.0	1.1	498	3.80	88	13862.4	95.46	319	365
434	0.0	1.1	498	3.80	88	13862.4	95.46	319	365
435	0.0	1.1	498	3.80	88	13862.4	95.46	319	365
436	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
437	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
438	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
439	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
440	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
441	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
442	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
443	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
444	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
445	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
446	0.5	2.3	260	3.18	231	11320.2	105.78	94	216
447	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
448	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
449	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
450	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
451	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
452	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
453	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
454	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
455	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
456	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
457	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
458	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
459	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
460	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
461	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
462	0.0	0.7	242	4.08	73	5890.0	56.76	118	NA
463	0.0	0.8	329	3.50	49	7622.8	126.42	124	321
464	0.0	0.8	329	3.50	49	7622.8	126.42	124	321

465	0.0	0.8	329	3.50	49	7622.8	126.42	124	321
466	0.0	0.8	329	3.50	49	7622.8	126.42	124	321
467	0.0	0.8	329	3.50	49	7622.8	126.42	124	321
468	0.0	0.8	329	3.50	49	7622.8	126.42	124	321
469	0.0	0.8	329	3.50	49	7622.8	126.42	124	321
470	0.0	0.9	604	3.40	82	876.0	71.30	58	228
471	0.0	0.9	604	3.40	82	876.0	71.30	58	228
472	0.0	0.9	604	3.40	82	876.0	71.30	58	228
473	0.0	0.9	604	3.40	82	876.0	71.30	58	228
474	0.0	0.9	604	3.40	82	876.0	71.30	58	228
475	0.0	0.9	604	3.40	82	876.0	71.30	58	228
476	0.0	0.9	604	3.40	82	876.0	71.30	58	228
477	0.0	0.9	604	3.40	82	876.0	71.30	58	228
478	0.0	0.9	604	3.40	82	876.0	71.30	58	228
479	0.0	0.9	604	3.40	82	876.0	71.30	58	228
480	0.0	0.9	604	3.40	82	876.0	71.30	58	228
481	0.0	0.9	604	3.40	82	876.0	71.30	58	228
482	0.0	0.9	604	3.40	82	876.0	71.30	58	228
483	0.0	0.6	216	3.94	28	601.0	60.45	188	211
484	0.0	0.6	216	3.94	28	601.0	60.45	188	211
485	0.0	0.6	216	3.94	28	601.0	60.45	188	211
486	0.0	0.6	216	3.94	28	601.0	60.45	188	211
487	0.0	0.6	216	3.94	28	601.0	60.45	188	211
488	0.0	0.6	216	3.94	28	601.0	60.45	188	211
489	0.0	0.6	216	3.94	28	601.0	60.45	188	211
490	0.0	0.6	216	3.94	28	601.0	60.45	188	211
491	0.0	0.6	216	3.94	28	601.0	60.45	188	211
492	0.0	0.6	216	3.94	28	601.0	60.45	188	211
493	0.0	0.6	216	3.94	28	601.0	60.45	188	211
494	0.0	0.6	216	3.94	28	601.0	60.45	188	211
495	0.0	0.6	216	3.94	28	601.0	60.45	188	211
496	0.0	0.6	216	3.94	28	601.0	60.45	188	211
497	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
498	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
499	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
500	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
501	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
502	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
503	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
504	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
505	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
506	0.0	1.3	302	2.75	58	1523.0	43.40	112	329
507	1.0	22.5	932	3.12	95	5396.0	244.90	133	165

508	1.0	22.5	932	3.12	95	5396.0	244.90	133	165
509	1.0	22.5	932	3.12	95	5396.0	244.90	133	165
510	0.0	2.1	373	3.50	52	1009.0	150.35	188	178
511	0.0	2.1	373	3.50	52	1009.0	150.35	188	178
512	0.0	2.1	373	3.50	52	1009.0	150.35	188	178
513	0.0	2.1	373	3.50	52	1009.0	150.35	188	178
514	0.0	2.1	373	3.50	52	1009.0	150.35	188	178
515	0.0	2.1	373	3.50	52	1009.0	150.35	188	178
516	0.0	1.2	256	3.60	74	724.0	141.05	108	430
517	0.0	1.2	256	3.60	74	724.0	141.05	108	430
518	0.0	1.2	256	3.60	74	724.0	141.05	108	430
519	0.0	1.2	256	3.60	74	724.0	141.05	108	430
520	0.0	1.2	256	3.60	74	724.0	141.05	108	430
521	0.0	1.2	256	3.60	74	724.0	141.05	108	430
522	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
523	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
524	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
525	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
526	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
527	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
528	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
529	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
530	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
531	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
532	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
533	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
534	0.0	1.4	427	3.70	105	1909.0	182.90	171	123
535	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
536	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
537	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
538	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
539	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
540	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
541	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
542	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
543	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
544	0.0	1.1	466	3.91	84	1787.0	328.60	185	261
545	0.0	0.7	174	4.09	58	642.0	71.30	46	203
546	0.0	0.7	174	4.09	58	642.0	71.30	46	203
547	0.0	0.7	174	4.09	58	642.0	71.30	46	203
548	0.0	0.7	174	4.09	58	642.0	71.30	46	203
549	0.0	0.7	174	4.09	58	642.0	71.30	46	203
550	0.0	0.7	174	4.09	58	642.0	71.30	46	203

551	0.0	0.7	174	4.09	58	642.0	71.30	46	203
552	0.0	0.7	174	4.09	58	642.0	71.30	46	203
553	0.0	0.7	174	4.09	58	642.0	71.30	46	203
554	0.0	0.7	174	4.09	58	642.0	71.30	46	203
555	0.0	0.7	174	4.09	58	642.0	71.30	46	203
556	0.0	0.7	174	4.09	58	642.0	71.30	46	203
557	0.0	0.7	174	4.09	58	642.0	71.30	46	203
558	0.0	0.7	174	4.09	58	642.0	71.30	46	203
559	0.5	20.0	652	3.46	159	3292.0	215.45	184	227
560	0.5	20.0	652	3.46	159	3292.0	215.45	184	227
561	0.5	20.0	652	3.46	159	3292.0	215.45	184	227
562	0.5	20.0	652	3.46	159	3292.0	215.45	184	227
563	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
564	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
565	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
566	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
567	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
568	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
569	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
570	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
571	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
572	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
573	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
574	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
575	0.0	0.6	NA	4.64	20	666.0	54.25	NA	265
576	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
577	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
578	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
579	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
580	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
581	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
582	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
583	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
584	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
585	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
586	0.0	1.2	258	3.57	79	2201.0	120.90	76	410
587	0.0	0.5	320	3.54	51	1243.0	122.45	80	225
588	0.0	0.5	320	3.54	51	1243.0	122.45	80	225
589	0.0	0.5	320	3.54	51	1243.0	122.45	80	225
590	0.0	0.5	320	3.54	51	1243.0	122.45	80	225
591	0.0	0.5	320	3.54	51	1243.0	122.45	80	225
592	0.0	0.5	320	3.54	51	1243.0	122.45	80	225
593	0.0	0.7	132	3.60	17	423.0	49.60	56	265

594	0.0	0.7	132	3.60	17	423.0	49.60	56	265
595	0.0	0.7	132	3.60	17	423.0	49.60	56	265
596	0.0	0.7	132	3.60	17	423.0	49.60	56	265
597	0.0	0.7	132	3.60	17	423.0	49.60	56	265
598	0.0	0.7	132	3.60	17	423.0	49.60	56	265
599	0.0	0.7	132	3.60	17	423.0	49.60	56	265
600	0.0	0.7	132	3.60	17	423.0	49.60	56	265
601	0.0	0.7	132	3.60	17	423.0	49.60	56	265
602	0.0	0.7	132	3.60	17	423.0	49.60	56	265
603	0.0	0.7	132	3.60	17	423.0	49.60	56	265
604	0.0	0.7	132	3.60	17	423.0	49.60	56	265
605	0.0	0.7	132	3.60	17	423.0	49.60	56	265
606	0.0	0.7	132	3.60	17	423.0	49.60	56	265
607	0.0	0.7	132	3.60	17	423.0	49.60	56	265
608	0.0	8.4	558	3.99	280	967.0	89.90	309	278
609	0.0	8.4	558	3.99	280	967.0	89.90	309	278
610	0.0	8.4	558	3.99	280	967.0	89.90	309	278
611	0.0	8.4	558	3.99	280	967.0	89.90	309	278
612	0.5	17.1	674	2.53	207	2078.0	182.90	598	268
613	0.5	17.1	674	2.53	207	2078.0	182.90	598	268
614	0.5	17.1	674	2.53	207	2078.0	182.90	598	268
615	0.5	17.1	674	2.53	207	2078.0	182.90	598	268
616	0.5	17.1	674	2.53	207	2078.0	182.90	598	268
617	0.5	12.2	394	3.08	111	2132.0	155.00	243	165
618	0.5	6.6	244	3.41	199	1819.0	170.50	91	132
619	0.5	6.6	244	3.41	199	1819.0	170.50	91	132
620	0.0	6.3	436	3.02	75	2176.0	170.50	104	236
621	0.0	6.3	436	3.02	75	2176.0	170.50	104	236
622	0.0	6.3	436	3.02	75	2176.0	170.50	104	236
623	0.0	6.3	436	3.02	75	2176.0	170.50	104	236
624	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
625	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
626	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
627	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
628	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
629	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
630	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
631	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
632	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
633	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
634	0.0	0.8	315	4.24	13	1637.0	170.50	70	426
635	0.0	7.2	247	3.72	269	1303.0	176.70	91	360
636	0.0	7.2	247	3.72	269	1303.0	176.70	91	360

637	0.0	7.2	247	3.72	269	1303.0	176.70	91	360
638	0.0	7.2	247	3.72	269	1303.0	176.70	91	360
639	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
640	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
641	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
642	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
643	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
644	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
645	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
646	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
647	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
648	0.0	14.4	448	3.65	34	1218.0	60.45	318	385
649	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
650	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
651	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
652	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
653	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
654	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
655	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
656	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
657	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
658	0.0	4.5	472	4.09	154	1580.0	117.80	272	412
659	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
660	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
661	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
662	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
663	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
664	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
665	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
666	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
667	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
668	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
669	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
670	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
671	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
672	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
673	0.5	1.3	250	3.50	48	1138.0	71.30	100	81
674	0.0	0.4	263	3.76	29	1345.0	137.95	74	181
675	0.0	0.4	263	3.76	29	1345.0	137.95	74	181
676	0.0	0.4	263	3.76	29	1345.0	137.95	74	181
677	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
678	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
679	0.0	2.1	262	3.48	58	2045.0	89.90	84	225

680	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
681	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
682	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
683	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
684	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
685	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
686	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
687	0.0	2.1	262	3.48	58	2045.0	89.90	84	225
688	0.0	5.0	1600	3.21	75	2656.0	82.15	174	181
689	0.0	1.1	345	4.40	75	1860.0	218.55	72	447
690	0.0	1.1	345	4.40	75	1860.0	218.55	72	447
691	0.5	0.6	296	4.06	37	1032.0	80.60	83	442
692	0.5	0.6	296	4.06	37	1032.0	80.60	83	442
693	0.5	0.6	296	4.06	37	1032.0	80.60	83	442
694	0.5	0.6	296	4.06	37	1032.0	80.60	83	442
695	0.0	2.0	408	3.65	50	1083.0	110.05	98	200
696	0.0	2.0	408	3.65	50	1083.0	110.05	98	200
697	0.0	2.0	408	3.65	50	1083.0	110.05	98	200
698	0.0	2.0	408	3.65	50	1083.0	110.05	98	200
699	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
700	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
701	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
702	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
703	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
704	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
705	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
706	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
707	0.0	1.6	660	4.22	94	1857.0	151.90	155	337
708	0.5	5.0	325	3.47	110	2460.0	246.45	56	430
709	0.5	5.0	325	3.47	110	2460.0	246.45	56	430
710	0.5	5.0	325	3.47	110	2460.0	246.45	56	430
711	1.0	1.4	206	3.13	36	1626.0	86.80	70	145
712	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
713	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
714	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
715	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
716	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
717	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
718	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
719	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
720	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
721	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
722	0.0	1.3	353	3.67	73	2039.0	232.50	68	380

723	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
724	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
725	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
726	0.0	1.3	353	3.67	73	2039.0	232.50	68	380
727	0.0	3.2	201	3.11	178	1212.0	159.65	69	188
728	0.0	3.2	201	3.11	178	1212.0	159.65	69	188
729	0.0	3.2	201	3.11	178	1212.0	159.65	69	188
730	1.0	17.4	NA	2.64	182	559.0	119.35	NA	401
731	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
732	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
733	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
734	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
735	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
736	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
737	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
738	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
739	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
740	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
741	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
742	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
743	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
744	0.0	1.0	NA	3.70	33	1258.0	99.20	NA	338
745	0.5	2.0	420	3.26	62	3196.0	77.50	91	344
746	0.5	2.0	420	3.26	62	3196.0	77.50	91	344
747	0.5	2.0	420	3.26	62	3196.0	77.50	91	344
748	0.5	2.0	420	3.26	62	3196.0	77.50	91	344
749	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
750	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
751	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
752	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
753	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
754	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
755	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
756	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
757	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
758	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
759	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
760	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
761	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
762	0.0	1.0	239	3.77	77	1877.0	97.65	101	312
763	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
764	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
765	0.0	1.8	460	3.35	148	1472.0	108.50	118	172

766	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
767	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
768	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
769	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
770	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
771	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
772	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
773	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
774	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
775	0.0	1.8	460	3.35	148	1472.0	108.50	118	172
776	0.0	2.3	178	3.00	145	746.0	178.25	122	119
777	0.0	2.3	178	3.00	145	746.0	178.25	122	119
778	0.0	2.3	178	3.00	145	746.0	178.25	122	119
779	0.0	2.3	178	3.00	145	746.0	178.25	122	119
780	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
781	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
782	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
783	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
784	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
785	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
786	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
787	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
788	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
789	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
790	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
791	0.0	0.9	400	3.60	31	1689.0	164.30	166	327
792	0.0	0.9	248	3.97	172	646.0	62.00	84	128
793	0.0	0.9	248	3.97	172	646.0	62.00	84	128
794	0.0	0.9	248	3.97	172	646.0	62.00	84	128
795	0.0	0.9	248	3.97	172	646.0	62.00	84	128
796	0.0	0.9	248	3.97	172	646.0	62.00	84	128
797	0.0	0.9	248	3.97	172	646.0	62.00	84	128
798	0.0	0.9	248	3.97	172	646.0	62.00	84	128
799	0.0	0.9	248	3.97	172	646.0	62.00	84	128
800	0.0	0.9	248	3.97	172	646.0	62.00	84	128
801	0.0	0.9	248	3.97	172	646.0	62.00	84	128
802	0.0	0.9	248	3.97	172	646.0	62.00	84	128
803	0.0	0.9	248	3.97	172	646.0	62.00	84	128
804	1.0	2.5	188	3.67	57	1273.0	119.35	102	110
805	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
806	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
807	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
808	0.0	1.1	303	3.64	20	2108.0	128.65	53	349

809	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
810	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
811	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
812	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
813	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
814	0.0	1.1	303	3.64	20	2108.0	128.65	53	349
815	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
816	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
817	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
818	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
819	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
820	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
821	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
822	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
823	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
824	0.0	1.1	464	4.20	38	1644.0	151.90	102	348
825	0.0	2.1	NA	3.90	50	1087.0	103.85	NA	137
826	0.0	2.1	NA	3.90	50	1087.0	103.85	NA	137
827	0.0	2.1	NA	3.90	50	1087.0	103.85	NA	137
828	0.0	2.1	NA	3.90	50	1087.0	103.85	NA	137
829	0.0	2.1	NA	3.90	50	1087.0	103.85	NA	137
830	0.0	0.6	212	4.03	10	648.0	71.30	77	316
831	0.0	0.6	212	4.03	10	648.0	71.30	77	316
832	0.0	0.6	212	4.03	10	648.0	71.30	77	316
833	0.0	0.6	212	4.03	10	648.0	71.30	77	316
834	0.0	0.6	212	4.03	10	648.0	71.30	77	316
835	0.0	0.6	212	4.03	10	648.0	71.30	77	316
836	0.0	0.6	212	4.03	10	648.0	71.30	77	316
837	0.0	0.6	212	4.03	10	648.0	71.30	77	316
838	0.0	0.6	212	4.03	10	648.0	71.30	77	316
839	0.0	0.6	212	4.03	10	648.0	71.30	77	316
840	0.0	0.6	212	4.03	10	648.0	71.30	77	316
841	0.0	0.4	127	3.50	14	1062.0	49.60	84	334
842	0.0	0.4	127	3.50	14	1062.0	49.60	84	334
843	0.0	0.4	127	3.50	14	1062.0	49.60	84	334
844	0.0	0.4	127	3.50	14	1062.0	49.60	84	334
845	0.0	0.4	127	3.50	14	1062.0	49.60	84	334
846	0.0	0.4	127	3.50	14	1062.0	49.60	84	334
847	0.0	0.4	127	3.50	14	1062.0	49.60	84	334
848	0.0	0.4	127	3.50	14	1062.0	49.60	84	334
849	0.0	0.5	120	3.61	53	804.0	110.05	52	271
850	0.0	0.5	120	3.61	53	804.0	110.05	52	271
851	0.0	0.5	120	3.61	53	804.0	110.05	52	271

852	0.0	0.5	120	3.61	53	804.0	110.05	52	271
853	0.0	0.5	120	3.61	53	804.0	110.05	52	271
854	0.0	0.5	120	3.61	53	804.0	110.05	52	271
855	0.0	0.5	120	3.61	53	804.0	110.05	52	271
856	0.0	0.5	120	3.61	53	804.0	110.05	52	271
857	0.0	0.5	120	3.61	53	804.0	110.05	52	271
858	0.0	0.5	120	3.61	53	804.0	110.05	52	271
859	0.0	1.9	486	3.54	74	1052.0	108.50	109	141
860	0.0	1.9	486	3.54	74	1052.0	108.50	109	141
861	0.0	1.9	486	3.54	74	1052.0	108.50	109	141
862	0.0	1.9	486	3.54	74	1052.0	108.50	109	141
863	0.0	1.9	486	3.54	74	1052.0	108.50	109	141
864	0.0	1.9	486	3.54	74	1052.0	108.50	109	141
865	0.0	1.9	486	3.54	74	1052.0	108.50	109	141
866	0.0	5.5	528	4.18	77	2404.0	172.05	78	467
867	0.0	5.5	528	4.18	77	2404.0	172.05	78	467
868	0.0	5.5	528	4.18	77	2404.0	172.05	78	467
869	0.0	5.5	528	4.18	77	2404.0	172.05	78	467
870	0.0	5.5	528	4.18	77	2404.0	172.05	78	467
871	0.0	5.5	528	4.18	77	2404.0	172.05	78	467
872	0.0	5.5	528	4.18	77	2404.0	172.05	78	467
873	0.0	5.5	528	4.18	77	2404.0	172.05	78	467
874	0.0	2.0	267	3.67	89	754.0	196.85	90	136
875	0.0	2.0	267	3.67	89	754.0	196.85	90	136
876	0.0	2.0	267	3.67	89	754.0	196.85	90	136
877	0.0	2.0	267	3.67	89	754.0	196.85	90	136
878	0.0	2.0	267	3.67	89	754.0	196.85	90	136
879	0.0	2.0	267	3.67	89	754.0	196.85	90	136
880	0.0	2.0	267	3.67	89	754.0	196.85	90	136
881	0.0	2.0	267	3.67	89	754.0	196.85	90	136
882	0.0	2.0	267	3.67	89	754.0	196.85	90	136
883	0.0	2.0	267	3.67	89	754.0	196.85	90	136
884	0.0	2.0	267	3.67	89	754.0	196.85	90	136
885	0.0	6.7	374	3.74	103	979.0	128.65	100	266
886	0.0	6.7	374	3.74	103	979.0	128.65	100	266
887	0.0	6.7	374	3.74	103	979.0	128.65	100	266
888	0.0	6.7	374	3.74	103	979.0	128.65	100	266
889	0.0	6.7	374	3.74	103	979.0	128.65	100	266
890	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
891	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
892	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
893	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
894	0.0	3.2	259	4.30	208	1040.0	110.05	78	268

895	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
896	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
897	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
898	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
899	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
900	0.0	3.2	259	4.30	208	1040.0	110.05	78	268
901	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
902	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
903	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
904	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
905	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
906	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
907	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
908	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
909	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
910	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
911	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
912	0.0	0.7	303	4.19	81	1584.0	111.60	156	307
913	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
914	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
915	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
916	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
917	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
918	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
919	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
920	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
921	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
922	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
923	0.5	3.0	458	3.63	74	1588.0	106.95	382	438
924	0.0	6.5	950	3.11	111	2374.0	170.50	149	354
925	0.0	6.5	950	3.11	111	2374.0	170.50	149	354
926	0.0	6.5	950	3.11	111	2374.0	170.50	149	354
927	0.0	6.5	950	3.11	111	2374.0	170.50	149	354
928	0.0	6.5	950	3.11	111	2374.0	170.50	149	354
929	0.0	3.5	390	3.30	67	878.0	137.95	93	207
930	0.0	3.5	390	3.30	67	878.0	137.95	93	207
931	0.0	3.5	390	3.30	67	878.0	137.95	93	207
932	0.0	3.5	390	3.30	67	878.0	137.95	93	207
933	0.0	3.5	390	3.30	67	878.0	137.95	93	207
934	0.0	3.5	390	3.30	67	878.0	137.95	93	207
935	0.0	3.5	390	3.30	67	878.0	137.95	93	207
936	0.0	0.6	636	3.83	129	944.0	97.65	114	306
937	0.0	0.6	636	3.83	129	944.0	97.65	114	306

938	0.0	3.5	325	3.98	444	766.0	130.20	210	344
939	0.0	3.5	325	3.98	444	766.0	130.20	210	344
940	0.0	3.5	325	3.98	444	766.0	130.20	210	344
941	0.0	3.5	325	3.98	444	766.0	130.20	210	344
942	0.0	3.5	325	3.98	444	766.0	130.20	210	344
943	0.0	3.5	325	3.98	444	766.0	130.20	210	344
944	0.0	3.5	325	3.98	444	766.0	130.20	210	344
945	0.0	3.5	325	3.98	444	766.0	130.20	210	344
946	1.0	1.3	151	3.08	73	1112.0	46.50	49	213
947	0.0	0.6	298	4.13	29	758.0	65.10	85	256
948	0.0	0.6	298	4.13	29	758.0	65.10	85	256
949	0.0	0.6	298	4.13	29	758.0	65.10	85	256
950	0.0	0.6	298	4.13	29	758.0	65.10	85	256
951	0.0	0.6	298	4.13	29	758.0	65.10	85	256
952	0.0	0.6	298	4.13	29	758.0	65.10	85	256
953	0.0	0.6	298	4.13	29	758.0	65.10	85	256
954	0.0	0.6	298	4.13	29	758.0	65.10	85	256
955	0.0	0.6	298	4.13	29	758.0	65.10	85	256
956	0.0	0.6	298	4.13	29	758.0	65.10	85	256
957	1.0	5.1	NA	3.23	18	790.0	179.80	NA	104
958	1.0	5.1	NA	3.23	18	790.0	179.80	NA	104
959	0.0	0.6	251	3.90	25	681.0	57.35	107	182
960	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
961	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
962	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
963	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
964	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
965	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
966	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
967	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
968	0.0	1.3	316	3.51	75	1162.0	147.25	137	238
969	0.0	1.2	269	3.12	NA	1441.0	165.85	68	166
970	0.0	1.2	269	3.12	NA	1441.0	165.85	68	166
971	0.0	1.2	269	3.12	NA	1441.0	165.85	68	166
972	0.0	1.2	269	3.12	NA	1441.0	165.85	68	166
973	0.0	1.2	269	3.12	NA	1441.0	165.85	68	166
974	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
975	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
976	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
977	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
978	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
979	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
980	0.0	0.5	268	4.08	9	1174.0	86.80	95	453

981	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
982	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
983	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
984	0.0	0.5	268	4.08	9	1174.0	86.80	95	453
985	0.0	16.2	NA	2.89	42	1828.0	299.15	NA	123
986	0.0	16.2	NA	2.89	42	1828.0	299.15	NA	123
987	0.0	16.2	NA	2.89	42	1828.0	299.15	NA	123
988	0.0	16.2	NA	2.89	42	1828.0	299.15	NA	123
989	0.0	16.2	NA	2.89	42	1828.0	299.15	NA	123
990	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
991	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
992	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
993	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
994	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
995	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
996	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
997	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
998	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
999	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
1000	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
1001	0.0	0.9	420	3.87	30	1009.0	57.35	232	NA
1002	0.0	17.4	1775	3.43	205	2065.0	165.85	97	418
1003	0.0	17.4	1775	3.43	205	2065.0	165.85	97	418
1004	0.0	17.4	1775	3.43	205	2065.0	165.85	97	418
1005	0.0	17.4	1775	3.43	205	2065.0	165.85	97	418
1006	0.0	17.4	1775	3.43	205	2065.0	165.85	97	418
1007	0.0	17.4	1775	3.43	205	2065.0	165.85	97	418
1008	0.0	2.8	242	3.80	74	614.0	136.40	104	121
1009	0.0	2.8	242	3.80	74	614.0	136.40	104	121
1010	0.0	2.8	242	3.80	74	614.0	136.40	104	121
1011	0.0	2.8	242	3.80	74	614.0	136.40	104	121
1012	0.0	1.9	448	3.83	60	1052.0	127.10	175	181
1013	0.0	1.9	448	3.83	60	1052.0	127.10	175	181
1014	0.0	1.9	448	3.83	60	1052.0	127.10	175	181
1015	0.0	1.9	448	3.83	60	1052.0	127.10	175	181
1016	0.0	1.9	448	3.83	60	1052.0	127.10	175	181
1017	0.0	1.9	448	3.83	60	1052.0	127.10	175	181
1018	0.0	1.5	331	3.95	13	577.0	128.65	99	165
1019	0.0	1.5	331	3.95	13	577.0	128.65	99	165
1020	0.0	1.5	331	3.95	13	577.0	128.65	99	165
1021	0.0	1.5	331	3.95	13	577.0	128.65	99	165
1022	0.0	1.5	331	3.95	13	577.0	128.65	99	165
1023	0.0	1.5	331	3.95	13	577.0	128.65	99	165

1024	0.0	1.5	331	3.95	13	577.0	128.65	99	165
1025	0.0	1.5	331	3.95	13	577.0	128.65	99	165
1026	0.0	1.5	331	3.95	13	577.0	128.65	99	165
1027	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1028	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1029	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1030	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1031	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1032	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1033	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1034	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1035	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1036	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1037	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1038	0.0	0.7	578	3.67	35	1353.0	127.10	105	427
1039	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1040	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1041	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1042	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1043	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1044	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1045	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1046	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1047	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1048	0.0	0.4	263	3.57	123	836.0	74.40	121	445
1049	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1050	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1051	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1052	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1053	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1054	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1055	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1056	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1057	0.0	0.8	263	3.35	27	1636.0	116.25	69	206
1058	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1059	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1060	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1061	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1062	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1063	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1064	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1065	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1066	0.0	1.1	399	3.60	79	3472.0	155.00	152	344

1067	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1068	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1069	0.0	1.1	399	3.60	79	3472.0	155.00	152	344
1070	0.0	7.3	426	3.93	262	2424.0	145.70	218	252
1071	0.0	7.3	426	3.93	262	2424.0	145.70	218	252
1072	0.0	7.3	426	3.93	262	2424.0	145.70	218	252
1073	0.0	7.3	426	3.93	262	2424.0	145.70	218	252
1074	0.0	7.3	426	3.93	262	2424.0	145.70	218	252
1075	0.0	7.3	426	3.93	262	2424.0	145.70	218	252
1076	0.0	1.1	328	3.31	159	1260.0	94.55	134	142
1077	0.0	1.1	328	3.31	159	1260.0	94.55	134	142
1078	0.0	1.1	328	3.31	159	1260.0	94.55	134	142
1079	0.0	1.1	328	3.31	159	1260.0	94.55	134	142
1080	0.0	1.1	328	3.31	159	1260.0	94.55	134	142
1081	0.0	1.1	328	3.31	159	1260.0	94.55	134	142
1082	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1083	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1084	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1085	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1086	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1087	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1088	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1089	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1090	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1091	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1092	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1093	0.0	1.1	290	4.09	38	2120.0	186.00	146	318
1094	0.0	0.9	346	3.77	59	794.0	125.55	56	336
1095	0.0	0.9	346	3.77	59	794.0	125.55	56	336
1096	0.0	0.9	346	3.77	59	794.0	125.55	56	336
1097	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1098	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1099	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1100	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1101	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1102	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1103	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1104	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1105	0.0	1.0	364	3.48	20	720.0	134.85	88	283
1106	0.0	2.9	332	3.60	86	1492.0	134.85	103	277
1107	0.0	2.9	332	3.60	86	1492.0	134.85	103	277
1108	0.0	2.9	332	3.60	86	1492.0	134.85	103	277
1109	0.5	28.0	556	3.26	152	3896.0	198.40	171	335

1110	0.5	28.0	556	3.26	152	3896.0	198.40	171	335
1111	0.5	28.0	556	3.26	152	3896.0	198.40	171	335
1112	0.5	28.0	556	3.26	152	3896.0	198.40	171	335
1113	0.0	0.7	309	3.84	96	858.0	41.85	106	253
1114	0.0	0.7	309	3.84	96	858.0	41.85	106	253
1115	0.0	0.7	309	3.84	96	858.0	41.85	106	253
1116	0.0	0.7	309	3.84	96	858.0	41.85	106	253
1117	0.5	1.2	NA	3.89	58	1284.0	173.60	NA	239
1118	0.5	1.2	NA	3.89	58	1284.0	173.60	NA	239
1119	0.5	1.2	NA	3.89	58	1284.0	173.60	NA	239
1120	0.5	1.2	NA	3.89	58	1284.0	173.60	NA	239
1121	0.5	1.2	NA	3.89	58	1284.0	173.60	NA	239
1122	0.5	1.2	NA	3.89	58	1284.0	173.60	NA	239
1123	0.5	1.2	NA	3.89	58	1284.0	173.60	NA	239
1124	0.5	1.2	288	3.37	32	791.0	57.35	114	213
1125	0.5	1.2	288	3.37	32	791.0	57.35	114	213
1126	0.5	1.2	288	3.37	32	791.0	57.35	114	213
1127	0.5	1.2	288	3.37	32	791.0	57.35	114	213
1128	0.5	1.2	288	3.37	32	791.0	57.35	114	213
1129	0.0	7.2	1015	3.26	247	3836.0	198.40	280	330
1130	0.0	7.2	1015	3.26	247	3836.0	198.40	280	330
1131	0.0	7.2	1015	3.26	247	3836.0	198.40	280	330
1132	0.0	7.2	1015	3.26	247	3836.0	198.40	280	330
1133	0.0	7.2	1015	3.26	247	3836.0	198.40	280	330
1134	0.0	7.2	1015	3.26	247	3836.0	198.40	280	330
1135	0.5	3.0	257	3.79	290	1664.0	102.30	112	140
1136	0.5	3.0	257	3.79	290	1664.0	102.30	112	140
1137	0.5	3.0	257	3.79	290	1664.0	102.30	112	140
1138	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1139	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1140	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1141	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1142	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1143	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1144	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1145	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1146	0.0	1.0	NA	3.63	57	1536.0	134.85	NA	233
1147	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1148	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1149	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1150	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1151	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1152	0.0	0.9	460	3.03	57	721.0	85.25	174	301

1153	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1154	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1155	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1156	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1157	0.0	0.9	460	3.03	57	721.0	85.25	174	301
1158	0.0	2.3	586	3.01	243	2276.0	114.70	126	339
1159	0.0	2.3	586	3.01	243	2276.0	114.70	126	339
1160	0.0	2.3	586	3.01	243	2276.0	114.70	126	339
1161	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1162	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1163	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1164	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1165	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1166	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1167	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1168	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1169	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1170	0.0	0.5	217	3.85	68	453.0	54.25	68	270
1171	1.0	2.4	168	2.56	225	1056.0	120.90	75	108
1172	0.5	0.6	220	3.35	57	1620.0	153.45	80	311
1173	0.5	0.6	220	3.35	57	1620.0	153.45	80	311
1174	0.5	0.6	220	3.35	57	1620.0	153.45	80	311
1175	0.0	25.5	358	3.52	219	2468.0	201.50	205	151
1176	0.0	25.5	358	3.52	219	2468.0	201.50	205	151
1177	0.0	25.5	358	3.52	219	2468.0	201.50	205	151
1178	0.0	25.5	358	3.52	219	2468.0	201.50	205	151
1179	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1180	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1181	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1182	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1183	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1184	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1185	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1186	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1187	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1188	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1189	0.0	0.6	286	3.42	34	1868.0	77.50	206	487
1190	0.0	3.4	450	3.37	32	1408.0	116.25	118	313
1191	0.0	3.4	450	3.37	32	1408.0	116.25	118	313
1192	0.0	3.4	450	3.37	32	1408.0	116.25	118	313
1193	0.0	3.4	450	3.37	32	1408.0	116.25	118	313
1194	0.0	3.4	450	3.37	32	1408.0	116.25	118	313
1195	0.0	3.4	450	3.37	32	1408.0	116.25	118	313

1196	0.0	3.4	450	3.37	32	1408.0	116.25	118	313
1197	0.0	3.4	450	3.37	32	1408.0	116.25	118	313
1198	0.0	3.4	450	3.37	32	1408.0	116.25	118	313
1199	0.0	2.5	317	3.46	217	714.0	130.20	140	207
1200	0.0	2.5	317	3.46	217	714.0	130.20	140	207
1201	0.0	2.5	317	3.46	217	714.0	130.20	140	207
1202	0.0	2.5	317	3.46	217	714.0	130.20	140	207
1203	0.0	0.6	217	3.62	13	414.0	75.95	119	224
1204	0.0	0.6	217	3.62	13	414.0	75.95	119	224
1205	0.0	0.6	217	3.62	13	414.0	75.95	119	224
1206	0.0	0.6	217	3.62	13	414.0	75.95	119	224
1207	0.0	0.6	217	3.62	13	414.0	75.95	119	224
1208	0.0	0.6	217	3.62	13	414.0	75.95	119	224
1209	0.0	0.6	217	3.62	13	414.0	75.95	119	224
1210	0.0	0.6	217	3.62	13	414.0	75.95	119	224
1211	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1212	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1213	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1214	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1215	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1216	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1217	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1218	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1219	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1220	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1221	0.0	2.3	502	3.56	4	964.0	120.90	180	269
1222	0.0	3.2	260	3.19	91	815.0	127.10	101	160
1223	0.0	0.3	233	4.08	20	622.0	66.65	68	358
1224	0.0	0.3	233	4.08	20	622.0	66.65	68	358
1225	0.0	0.3	233	4.08	20	622.0	66.65	68	358
1226	0.5	8.5	NA	3.34	161	1428.0	181.35	NA	88
1227	0.0	4.0	196	3.45	80	2496.0	133.30	142	212
1228	0.0	4.0	196	3.45	80	2496.0	133.30	142	212
1229	0.0	4.0	196	3.45	80	2496.0	133.30	142	212
1230	0.0	4.0	196	3.45	80	2496.0	133.30	142	212
1231	0.0	4.0	196	3.45	80	2496.0	133.30	142	212
1232	0.0	5.7	1480	3.26	84	1960.0	457.25	108	213
1233	0.0	5.7	1480	3.26	84	1960.0	457.25	108	213
1234	0.0	5.7	1480	3.26	84	1960.0	457.25	108	213
1235	0.0	5.7	1480	3.26	84	1960.0	457.25	108	213
1236	0.0	5.7	1480	3.26	84	1960.0	457.25	108	213
1237	0.0	5.7	1480	3.26	84	1960.0	457.25	108	213
1238	0.0	5.7	1480	3.26	84	1960.0	457.25	108	213

1239	0.0	5.7	1480	3.26	84	1960.0	457.25	108	213
1240	0.0	0.9	376	3.86	200	1015.0	83.70	154	238
1241	0.0	0.9	376	3.86	200	1015.0	83.70	154	238
1242	0.0	0.9	376	3.86	200	1015.0	83.70	154	238
1243	0.0	0.9	376	3.86	200	1015.0	83.70	154	238
1244	0.0	0.9	376	3.86	200	1015.0	83.70	154	238
1245	0.0	0.9	376	3.86	200	1015.0	83.70	154	238
1246	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1247	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1248	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1249	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1250	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1251	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1252	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1253	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1254	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1255	0.0	0.4	257	3.80	44	842.0	97.65	110	NA
1256	0.0	1.3	408	4.22	67	1387.0	142.60	137	295
1257	0.0	1.3	408	4.22	67	1387.0	142.60	137	295
1258	0.0	1.3	408	4.22	67	1387.0	142.60	137	295
1259	0.0	1.3	408	4.22	67	1387.0	142.60	137	295
1260	0.0	1.3	408	4.22	67	1387.0	142.60	137	295
1261	0.0	1.2	390	3.61	32	1509.0	88.35	52	263
1262	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1263	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1264	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1265	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1266	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1267	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1268	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1269	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1270	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1271	0.0	0.5	NA	4.52	31	784.0	74.40	NA	361
1272	0.0	1.3	205	3.34	65	1031.0	91.45	126	217
1273	0.0	1.3	205	3.34	65	1031.0	91.45	126	217
1274	0.0	1.3	205	3.34	65	1031.0	91.45	126	217
1275	0.0	1.3	205	3.34	65	1031.0	91.45	126	217
1276	0.0	1.3	205	3.34	65	1031.0	91.45	126	217
1277	0.0	1.3	205	3.34	65	1031.0	91.45	126	217
1278	0.0	1.3	205	3.34	65	1031.0	91.45	126	217
1279	0.0	3.0	236	3.42	76	1403.0	89.90	86	493
1280	0.0	3.0	236	3.42	76	1403.0	89.90	86	493
1281	0.0	3.0	236	3.42	76	1403.0	89.90	86	493

1282	0.0	3.0	236	3.42	76	1403.0	89.90	86	493
1283	0.0	3.0	236	3.42	76	1403.0	89.90	86	493
1284	0.0	3.0	236	3.42	76	1403.0	89.90	86	493
1285	0.0	3.0	236	3.42	76	1403.0	89.90	86	493
1286	0.0	3.0	236	3.42	76	1403.0	89.90	86	493
1287	0.0	3.0	236	3.42	76	1403.0	89.90	86	493
1288	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1289	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1290	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1291	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1292	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1293	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1294	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1295	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1296	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1297	0.0	0.5	NA	3.85	63	663.0	79.05	NA	311
1298	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1299	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1300	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1301	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1302	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1303	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1304	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1305	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1306	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1307	0.0	0.8	283	3.80	152	718.0	108.50	168	340
1308	0.0	3.2	NA	3.56	77	1790.0	139.50	NA	149
1309	0.0	3.2	NA	3.56	77	1790.0	139.50	NA	149
1310	0.0	3.2	NA	3.56	77	1790.0	139.50	NA	149
1311	0.0	3.2	NA	3.56	77	1790.0	139.50	NA	149
1312	0.0	3.2	NA	3.56	77	1790.0	139.50	NA	149
1313	0.0	3.2	NA	3.56	77	1790.0	139.50	NA	149
1314	0.0	0.9	258	4.01	49	559.0	43.40	133	277
1315	0.0	0.6	NA	4.08	51	665.0	74.40	NA	325
1316	0.0	0.6	NA	4.08	51	665.0	74.40	NA	325
1317	0.0	0.6	NA	4.08	51	665.0	74.40	NA	325
1318	0.0	0.6	NA	4.08	51	665.0	74.40	NA	325
1319	0.0	0.6	NA	4.08	51	665.0	74.40	NA	325
1320	0.0	0.6	NA	4.08	51	665.0	74.40	NA	325
1321	0.0	1.8	396	3.83	39	2148.0	102.30	133	278
1322	0.0	1.8	396	3.83	39	2148.0	102.30	133	278
1323	0.0	1.8	396	3.83	39	2148.0	102.30	133	278
1324	0.0	4.7	478	4.38	44	1629.0	237.15	76	175

1325	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1326	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1327	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1328	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1329	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1330	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1331	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1332	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1333	0.0	4.7	478	4.38	44	1629.0	237.15	76	175
1334	0.0	1.4	248	3.58	63	554.0	75.95	106	79
1335	0.0	0.6	NA	3.69	161	674.0	26.35	NA	539
1336	0.0	0.6	NA	3.69	161	674.0	26.35	NA	539
1337	0.0	0.6	NA	3.69	161	674.0	26.35	NA	539
1338	0.0	0.6	NA	3.69	161	674.0	26.35	NA	539
1339	0.0	0.6	NA	3.69	161	674.0	26.35	NA	539
1340	0.0	0.5	201	3.73	44	1345.0	54.25	145	445
1341	0.0	0.5	201	3.73	44	1345.0	54.25	145	445
1342	0.0	0.5	201	3.73	44	1345.0	54.25	145	445
1343	0.0	0.5	201	3.73	44	1345.0	54.25	145	445
1344	0.0	0.5	201	3.73	44	1345.0	54.25	145	445
1345	0.0	0.5	201	3.73	44	1345.0	54.25	145	445
1346	0.0	0.5	201	3.73	44	1345.0	54.25	145	445
1347	0.0	0.5	201	3.73	44	1345.0	54.25	145	445
1348	0.0	11.0	674	3.55	358	2412.0	167.40	140	471
1349	0.0	11.0	674	3.55	358	2412.0	167.40	140	471
1350	0.0	11.0	674	3.55	358	2412.0	167.40	140	471
1351	0.0	11.0	674	3.55	358	2412.0	167.40	140	471
1352	0.0	11.0	674	3.55	358	2412.0	167.40	140	471
1353	0.0	0.8	256	3.54	42	1132.0	74.40	94	192
1354	0.0	0.8	256	3.54	42	1132.0	74.40	94	192
1355	0.0	0.8	256	3.54	42	1132.0	74.40	94	192
1356	0.0	0.8	256	3.54	42	1132.0	74.40	94	192
1357	0.0	0.8	256	3.54	42	1132.0	74.40	94	192
1358	0.5	2.0	225	3.53	51	933.0	69.75	62	200
1359	0.5	2.0	225	3.53	51	933.0	69.75	62	200
1360	0.5	2.0	225	3.53	51	933.0	69.75	62	200
1361	0.5	2.0	225	3.53	51	933.0	69.75	62	200
1362	0.0	14.0	808	3.43	251	2870.0	153.45	137	268
1363	0.0	14.0	808	3.43	251	2870.0	153.45	137	268
1364	0.0	14.0	808	3.43	251	2870.0	153.45	137	268
1365	0.0	14.0	808	3.43	251	2870.0	153.45	137	268
1366	0.0	0.7	187	3.48	41	654.0	120.90	98	164
1367	0.0	0.7	187	3.48	41	654.0	120.90	98	164

1368	0.0	0.7	187	3.48	41	654.0	120.90	98	164
1369	0.0	0.7	187	3.48	41	654.0	120.90	98	164
1370	0.0	0.7	187	3.48	41	654.0	120.90	98	164
1371	0.0	0.7	187	3.48	41	654.0	120.90	98	164
1372	0.0	0.7	187	3.48	41	654.0	120.90	98	164
1373	0.0	0.7	187	3.48	41	654.0	120.90	98	164
1374	0.0	1.3	360	3.63	52	1812.0	97.65	164	256
1375	0.0	1.3	360	3.63	52	1812.0	97.65	164	256
1376	0.0	1.3	360	3.63	52	1812.0	97.65	164	256
1377	0.0	1.3	360	3.63	52	1812.0	97.65	164	256
1378	0.0	1.3	360	3.63	52	1812.0	97.65	164	256
1379	0.0	2.3	NA	3.93	24	1828.0	133.30	NA	327
1380	0.0	2.3	NA	3.93	24	1828.0	133.30	NA	327
1381	0.0	2.3	NA	3.93	24	1828.0	133.30	NA	327
1382	0.0	2.3	NA	3.93	24	1828.0	133.30	NA	327
1383	0.0	24.5	1092	3.35	233	3740.0	147.25	432	399
1384	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1385	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1386	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1387	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1388	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1389	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1390	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1391	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1392	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1393	0.0	0.9	308	3.69	67	696.0	51.15	101	344
1394	0.0	10.8	932	3.19	267	2184.0	161.20	157	382
1395	0.0	10.8	932	3.19	267	2184.0	161.20	157	382
1396	0.0	10.8	932	3.19	267	2184.0	161.20	157	382
1397	0.0	10.8	932	3.19	267	2184.0	161.20	157	382
1398	0.0	1.5	293	4.30	50	975.0	125.55	56	336
1399	0.0	1.5	293	4.30	50	975.0	125.55	56	336
1400	0.0	1.5	293	4.30	50	975.0	125.55	56	336
1401	0.0	1.5	293	4.30	50	975.0	125.55	56	336
1402	0.0	1.5	293	4.30	50	975.0	125.55	56	336
1403	0.0	3.7	347	3.90	76	2544.0	221.65	90	129
1404	0.0	1.4	226	3.36	13	810.0	72.85	62	117
1405	0.0	1.4	226	3.36	13	810.0	72.85	62	117
1406	0.0	1.4	226	3.36	13	810.0	72.85	62	117
1407	0.0	1.4	226	3.36	13	810.0	72.85	62	117
1408	0.0	1.4	226	3.36	13	810.0	72.85	62	117
1409	0.0	1.4	226	3.36	13	810.0	72.85	62	117
1410	0.0	1.4	226	3.36	13	810.0	72.85	62	117

1411	0.0	1.4	226	3.36	13	810.0	72.85	62	117
1412	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1413	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1414	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1415	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1416	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1417	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1418	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1419	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1420	0.0	0.6	266	3.97	25	1164.0	102.30	102	201
1421	0.0	0.7	286	2.90	38	1692.0	141.05	90	381
1422	0.0	0.7	286	2.90	38	1692.0	141.05	90	381
1423	0.0	0.7	286	2.90	38	1692.0	141.05	90	381
1424	0.0	0.7	286	2.90	38	1692.0	141.05	90	381
1425	0.0	0.7	286	2.90	38	1692.0	141.05	90	381
1426	0.0	0.7	286	2.90	38	1692.0	141.05	90	381
1427	0.0	0.7	286	2.90	38	1692.0	141.05	90	381
1428	0.0	0.7	286	2.90	38	1692.0	141.05	90	381
1429	0.0	2.1	392	3.43	52	1395.0	184.45	194	328
1430	0.0	2.1	392	3.43	52	1395.0	184.45	194	328
1431	0.0	2.1	392	3.43	52	1395.0	184.45	194	328
1432	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1433	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1434	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1435	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1436	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1437	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1438	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1439	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1440	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1441	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1442	0.0	4.7	236	3.55	112	1391.0	137.95	114	332
1443	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1444	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1445	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1446	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1447	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1448	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1449	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1450	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1451	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1452	0.0	0.6	235	3.20	26	1758.0	106.95	67	228
1453	0.0	0.5	223	3.80	15	1044.0	80.60	89	514

1454	0.0	0.5	223	3.80	15	1044.0	80.60	89	514
1455	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1456	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1457	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1458	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1459	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1460	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1461	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1462	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1463	0.0	0.5	149	4.04	227	598.0	52.70	57	166
1464	0.0	0.7	255	3.74	23	1024.0	77.50	58	281
1465	0.0	0.7	255	3.74	23	1024.0	77.50	58	281
1466	0.0	0.7	255	3.74	23	1024.0	77.50	58	281
1467	0.0	0.7	255	3.74	23	1024.0	77.50	58	281
1468	0.0	0.7	255	3.74	23	1024.0	77.50	58	281
1469	0.0	0.7	255	3.74	23	1024.0	77.50	58	281
1470	0.0	0.7	255	3.74	23	1024.0	77.50	58	281
1471	0.0	0.7	255	3.74	23	1024.0	77.50	58	281
1472	0.0	2.5	382	3.55	108	1516.0	238.70	NA	126
1473	0.0	2.5	382	3.55	108	1516.0	238.70	NA	126
1474	0.0	2.5	382	3.55	108	1516.0	238.70	NA	126
1475	0.0	2.5	382	3.55	108	1516.0	238.70	NA	126
1476	0.0	2.5	382	3.55	108	1516.0	238.70	NA	126
1477	0.0	0.6	213	4.07	12	5300.0	57.35	68	240
1478	0.0	0.6	213	4.07	12	5300.0	57.35	68	240
1479	0.0	0.6	213	4.07	12	5300.0	57.35	68	240
1480	0.0	0.6	213	4.07	12	5300.0	57.35	68	240
1481	0.0	0.6	213	4.07	12	5300.0	57.35	68	240
1482	0.0	0.6	213	4.07	12	5300.0	57.35	68	240
1483	0.0	0.6	213	4.07	12	5300.0	57.35	68	240
1484	0.0	0.6	213	4.07	12	5300.0	57.35	68	240
1485	0.5	0.6	NA	3.33	14	733.0	85.25	NA	259
1486	0.5	0.6	NA	3.33	14	733.0	85.25	NA	259
1487	0.5	0.6	NA	3.33	14	733.0	85.25	NA	259
1488	0.5	0.6	NA	3.33	14	733.0	85.25	NA	259
1489	0.5	0.6	NA	3.33	14	733.0	85.25	NA	259
1490	0.5	0.6	NA	3.33	14	733.0	85.25	NA	259
1491	0.5	0.6	NA	3.33	14	733.0	85.25	NA	259
1492	0.0	3.9	396	3.20	58	1440.0	153.45	131	156
1493	0.0	3.9	396	3.20	58	1440.0	153.45	131	156
1494	0.0	3.9	396	3.20	58	1440.0	153.45	131	156
1495	0.0	0.7	252	4.01	11	1210.0	72.85	58	309
1496	0.0	0.7	252	4.01	11	1210.0	72.85	58	309

1497	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1498	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1499	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1500	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1501	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1502	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1503	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1504	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1505	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1506	0.0	0.9	346	3.37	81	1098.0	122.45	90	298
1507	0.0	1.3	NA	3.76	27	1282.0	100.75	NA	114
1508	0.0	1.3	NA	3.76	27	1282.0	100.75	NA	114
1509	0.0	1.3	NA	3.76	27	1282.0	100.75	NA	114
1510	0.0	1.3	NA	3.76	27	1282.0	100.75	NA	114
1511	0.0	1.3	NA	3.76	27	1282.0	100.75	NA	114
1512	0.0	1.3	NA	3.76	27	1282.0	100.75	NA	114
1513	0.0	1.3	NA	3.76	27	1282.0	100.75	NA	114
1514	0.0	1.3	NA	3.76	27	1282.0	100.75	NA	114
1515	0.0	1.2	232	3.98	11	1074.0	100.75	99	223
1516	0.0	1.2	232	3.98	11	1074.0	100.75	99	223
1517	0.0	1.2	232	3.98	11	1074.0	100.75	99	223
1518	0.0	1.2	232	3.98	11	1074.0	100.75	99	223
1519	0.0	1.2	232	3.98	11	1074.0	100.75	99	223
1520	0.0	1.2	232	3.98	11	1074.0	100.75	99	223
1521	0.0	0.5	400	3.40	9	1134.0	96.10	55	356
1522	0.0	0.5	400	3.40	9	1134.0	96.10	55	356
1523	0.0	0.9	404	3.43	34	1866.0	79.05	224	236
1524	0.0	0.9	404	3.43	34	1866.0	79.05	224	236
1525	0.0	0.9	404	3.43	34	1866.0	79.05	224	236
1526	0.0	0.9	404	3.43	34	1866.0	79.05	224	236
1527	0.0	5.9	1276	3.85	141	1204.0	203.05	157	216
1528	0.0	5.9	1276	3.85	141	1204.0	203.05	157	216
1529	0.0	5.9	1276	3.85	141	1204.0	203.05	157	216
1530	0.0	5.9	1276	3.85	141	1204.0	203.05	157	216
1531	0.0	0.5	NA	3.68	20	856.0	55.80	NA	146
1532	0.0	0.5	NA	3.68	20	856.0	55.80	NA	146
1533	0.0	0.5	NA	3.68	20	856.0	55.80	NA	146
1534	0.0	0.5	NA	3.68	20	856.0	55.80	NA	146
1535	0.0	0.5	NA	3.68	20	856.0	55.80	NA	146
1536	0.0	0.5	NA	3.68	20	856.0	55.80	NA	146
1537	0.0	0.5	NA	3.68	20	856.0	55.80	NA	146
1538	0.0	11.4	608	3.31	65	1790.0	151.90	210	298
1539	0.0	11.4	608	3.31	65	1790.0	151.90	210	298

1540	0.0	11.4	608	3.31	65	1790.0	151.90	210	298
1541	0.0	11.4	608	3.31	65	1790.0	151.90	210	298
1542	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1543	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1544	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1545	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1546	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1547	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1548	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1549	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1550	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1551	0.0	0.5	NA	3.89	29	897.0	66.65	NA	423
1552	0.0	1.6	215	4.17	67	936.0	134.85	85	176
1553	0.0	1.6	215	4.17	67	936.0	134.85	85	176
1554	0.0	1.6	215	4.17	67	936.0	134.85	85	176
1555	0.0	1.6	215	4.17	67	936.0	134.85	85	176
1556	0.0	1.6	215	4.17	67	936.0	134.85	85	176
1557	0.0	1.6	215	4.17	67	936.0	134.85	85	176
1558	0.0	3.8	426	3.22	96	2716.0	210.80	113	228
1559	0.0	3.8	426	3.22	96	2716.0	210.80	113	228
1560	0.0	3.8	426	3.22	96	2716.0	210.80	113	228
1561	0.0	3.8	426	3.22	96	2716.0	210.80	113	228
1562	0.0	3.8	426	3.22	96	2716.0	210.80	113	228
1563	0.0	0.9	360	3.65	72	3186.0	94.55	154	269
1564	0.0	0.9	360	3.65	72	3186.0	94.55	154	269
1565	0.0	0.9	360	3.65	72	3186.0	94.55	154	269
1566	0.0	0.9	360	3.65	72	3186.0	94.55	154	269
1567	0.0	0.9	360	3.65	72	3186.0	94.55	154	269
1568	0.0	0.9	360	3.65	72	3186.0	94.55	154	269
1569	0.0	0.9	360	3.65	72	3186.0	94.55	154	269
1570	0.0	0.9	360	3.65	72	3186.0	94.55	154	269
1571	0.0	4.5	372	3.38	227	2310.0	167.40	135	240
1572	0.0	4.5	372	3.38	227	2310.0	167.40	135	240
1573	0.0	4.5	372	3.38	227	2310.0	167.40	135	240
1574	0.0	4.5	372	3.38	227	2310.0	167.40	135	240
1575	1.0	14.1	448	2.43	123	1833.0	134.00	155	210
1576	0.0	1.0	309	3.66	67	1214.0	158.10	101	309
1577	0.0	1.0	309	3.66	67	1214.0	158.10	101	309
1578	0.0	1.0	309	3.66	67	1214.0	158.10	101	309
1579	0.0	1.0	309	3.66	67	1214.0	158.10	101	309
1580	0.0	1.0	309	3.66	67	1214.0	158.10	101	309
1581	0.0	1.0	309	3.66	67	1214.0	158.10	101	309
1582	0.0	1.0	309	3.66	67	1214.0	158.10	101	309

1583	0.0	1.0	309	3.66	67	1214.0	158.10	101	309
1584	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1585	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1586	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1587	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1588	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1589	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1590	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1591	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1592	0.0	0.7	274	3.66	108	1065.0	88.35	135	251
1593	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1594	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1595	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1596	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1597	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1598	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1599	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1600	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1601	0.0	0.5	223	3.70	39	884.0	75.95	104	231
1602	0.0	2.3	316	3.35	172	1601.0	179.80	63	394
1603	0.0	2.3	316	3.35	172	1601.0	179.80	63	394
1604	0.0	2.3	316	3.35	172	1601.0	179.80	63	394
1605	0.0	2.3	316	3.35	172	1601.0	179.80	63	394
1606	0.0	0.7	215	3.35	41	645.0	93.00	74	165
1607	0.0	0.7	215	3.35	41	645.0	93.00	74	165
1608	0.0	0.7	215	3.35	41	645.0	93.00	74	165
1609	0.0	0.7	215	3.35	41	645.0	93.00	74	165
1610	0.5	4.5	191	3.05	200	1020.0	175.15	118	139
1611	0.5	4.5	191	3.05	200	1020.0	175.15	118	139
1612	0.5	4.5	191	3.05	200	1020.0	175.15	118	139
1613	0.0	3.3	302	3.41	51	310.0	83.70	44	95
1614	0.0	3.3	302	3.41	51	310.0	83.70	44	95
1615	0.0	3.3	302	3.41	51	310.0	83.70	44	95
1616	0.0	3.3	302	3.41	51	310.0	83.70	44	95
1617	0.0	3.4	518	1.96	115	2250.0	203.05	90	190
1618	0.0	3.4	518	1.96	115	2250.0	203.05	90	190
1619	0.0	3.4	518	1.96	115	2250.0	203.05	90	190
1620	0.0	3.4	518	1.96	115	2250.0	203.05	90	190
1621	0.0	0.4	267	3.02	47	1001.0	133.30	87	265
1622	0.0	0.4	267	3.02	47	1001.0	133.30	87	265
1623	0.0	0.4	267	3.02	47	1001.0	133.30	87	265
1624	0.0	0.4	267	3.02	47	1001.0	133.30	87	265
1625	0.0	0.9	514	3.06	412	2622.0	105.40	87	284

1626	0.0	0.9	578	3.35	78	976.0	116.25	177	322
1627	0.0	0.9	578	3.35	78	976.0	116.25	177	322
1628	0.0	13.0	1336	4.16	71	3510.0	209.25	111	338
1629	0.0	13.0	1336	4.16	71	3510.0	209.25	111	338
1630	0.0	1.5	253	3.79	67	1006.0	139.50	106	341
1631	0.0	1.5	253	3.79	67	1006.0	139.50	106	341
1632	0.0	1.6	442	2.95	105	820.0	85.25	108	181
1633	0.0	1.6	442	2.95	105	820.0	85.25	108	181
1634	0.5	0.6	280	3.35	NA	1093.0	128.65	81	295
1635	0.5	0.6	280	3.35	NA	1093.0	128.65	81	295
1636	0.5	0.6	280	3.35	NA	1093.0	128.65	81	295
1637	0.0	0.8	300	2.94	231	1794.0	130.20	99	319
1638	0.0	0.8	300	2.94	231	1794.0	130.20	99	319
1639	0.0	0.8	300	2.94	231	1794.0	130.20	99	319
1640	0.0	0.4	232	3.72	24	369.0	51.15	139	326
1641	0.0	0.4	232	3.72	24	369.0	51.15	139	326
1642	0.0	0.4	232	3.72	24	369.0	51.15	139	326
1643	0.0	0.4	232	3.72	24	369.0	51.15	139	326
1644	0.0	0.4	232	3.72	24	369.0	51.15	139	326
1645	0.0	0.4	232	3.72	24	369.0	51.15	139	326
1646	0.0	0.4	232	3.72	24	369.0	51.15	139	326
1647	0.0	0.4	232	3.72	24	369.0	51.15	139	326
1648	0.0	4.4	316	3.62	308	1119.0	114.70	322	282
1649	0.0	4.4	316	3.62	308	1119.0	114.70	322	282
1650	0.0	4.4	316	3.62	308	1119.0	114.70	322	282
1651	0.0	4.4	316	3.62	308	1119.0	114.70	322	282
1652	0.0	1.9	354	2.97	86	1553.0	196.85	152	277
1653	0.0	1.9	354	2.97	86	1553.0	196.85	152	277
1654	0.0	1.9	354	2.97	86	1553.0	196.85	152	277
1655	0.0	1.9	354	2.97	86	1553.0	196.85	152	277
1656	0.0	1.9	354	2.97	86	1553.0	196.85	152	277
1657	0.0	1.9	354	2.97	86	1553.0	196.85	152	277
1658	0.0	1.9	354	2.97	86	1553.0	196.85	152	277
1659	0.0	1.9	354	2.97	86	1553.0	196.85	152	277
1660	0.0	8.0	468	2.81	139	2009.0	198.40	139	233
1661	0.0	8.0	468	2.81	139	2009.0	198.40	139	233
1662	0.0	3.9	350	3.22	121	1268.0	272.80	231	270
1663	0.0	3.9	350	3.22	121	1268.0	272.80	231	270
1664	0.0	3.9	350	3.22	121	1268.0	272.80	231	270
1665	0.0	3.9	350	3.22	121	1268.0	272.80	231	270
1666	0.0	0.6	273	3.65	48	794.0	52.70	214	305
1667	0.0	0.6	273	3.65	48	794.0	52.70	214	305
1668	0.0	2.1	387	3.77	63	1613.0	150.35	33	185

1669	0.0	2.1	387	3.77	63	1613.0	150.35	33	185
1670	0.0	2.1	387	3.77	63	1613.0	150.35	33	185
1671	0.0	2.1	387	3.77	63	1613.0	150.35	33	185
1672	0.0	2.1	387	3.77	63	1613.0	150.35	33	185
1673	0.0	2.1	387	3.77	63	1613.0	150.35	33	185
1674	0.0	6.1	1712	2.83	89	3681.0	158.10	139	297
1675	0.0	6.1	1712	2.83	89	3681.0	158.10	139	297
1676	0.0	6.1	1712	2.83	89	3681.0	158.10	139	297
1677	0.0	6.1	1712	2.83	89	3681.0	158.10	139	297
1678	0.0	0.8	324	3.51	39	1237.0	66.65	146	371
1679	0.0	0.8	324	3.51	39	1237.0	66.65	146	371
1680	0.0	0.8	324	3.51	39	1237.0	66.65	146	371
1681	0.0	0.8	324	3.51	39	1237.0	66.65	146	371
1682	0.0	0.8	324	3.51	39	1237.0	66.65	146	371
1683	0.0	0.8	324	3.51	39	1237.0	66.65	146	371
1684	0.0	0.8	324	3.51	39	1237.0	66.65	146	371
1685	0.0	0.8	324	3.51	39	1237.0	66.65	146	371
1686	0.0	1.3	242	3.20	35	1556.0	175.15	71	195
1687	0.0	1.3	242	3.20	35	1556.0	175.15	71	195
1688	0.0	1.3	242	3.20	35	1556.0	175.15	71	195
1689	0.0	0.6	299	3.36	23	2769.0	220.10	85	303
1690	0.0	0.6	299	3.36	23	2769.0	220.10	85	303
1691	0.0	0.5	227	3.61	40	676.0	83.00	120	249
1692	0.0	1.1	246	3.35	116	924.0	113.15	90	317
1693	0.0	1.1	246	3.35	116	924.0	113.15	90	317
1694	0.0	1.1	246	3.35	116	924.0	113.15	90	317
1695	0.0	7.1	243	3.03	380	983.0	158.10	154	97
1696	0.0	7.1	243	3.03	380	983.0	158.10	154	97
1697	0.0	7.1	243	3.03	380	983.0	158.10	154	97
1698	0.0	7.1	243	3.03	380	983.0	158.10	154	97
1699	0.0	7.1	243	3.03	380	983.0	158.10	154	97
1700	0.0	7.1	243	3.03	380	983.0	158.10	154	97
1701	0.0	7.1	243	3.03	380	983.0	158.10	154	97
1702	0.0	7.1	243	3.03	380	983.0	158.10	154	97
1703	0.0	3.1	227	3.75	121	1136.0	110.00	91	264
1704	0.0	3.1	227	3.75	121	1136.0	110.00	91	264
1705	0.0	3.1	227	3.75	121	1136.0	110.00	91	264
1706	0.0	3.1	227	3.75	121	1136.0	110.00	91	264
1707	0.0	0.7	193	3.85	35	466.0	53.00	118	156
1708	0.0	0.7	193	3.85	35	466.0	53.00	118	156
1709	0.0	0.7	193	3.85	35	466.0	53.00	118	156
1710	0.0	0.7	193	3.85	35	466.0	53.00	118	156
1711	0.0	0.7	193	3.85	35	466.0	53.00	118	156

1712	0.0	0.7	193	3.85	35	466.0	53.00	118	156
1713	0.0	1.1	336	3.74	48	823.0	84.00	108	242
1714	0.0	1.1	336	3.74	48	823.0	84.00	108	242
1715	0.0	1.1	336	3.74	48	823.0	84.00	108	242
1716	0.0	1.1	336	3.74	48	823.0	84.00	108	242
1717	0.0	1.1	336	3.74	48	823.0	84.00	108	242
1718	0.0	1.1	336	3.74	48	823.0	84.00	108	242
1719	0.0	0.5	280	4.23	36	377.0	56.00	146	227
1720	0.0	0.5	280	4.23	36	377.0	56.00	146	227
1721	0.0	0.5	280	4.23	36	377.0	56.00	146	227
1722	0.0	1.1	414	3.44	80	1003.0	99.00	55	271
1723	0.0	1.1	414	3.44	80	1003.0	99.00	55	271
1724	0.0	1.1	414	3.44	80	1003.0	99.00	55	271
1725	0.0	1.1	414	3.44	80	1003.0	99.00	55	271
1726	0.0	1.1	414	3.44	80	1003.0	99.00	55	271
1727	0.0	1.1	414	3.44	80	1003.0	99.00	55	271
1728	0.0	1.1	414	3.44	80	1003.0	99.00	55	271
1729	0.0	1.1	414	3.44	80	1003.0	99.00	55	271
1730	0.0	3.1	277	2.97	42	1110.0	125.00	126	221
1731	0.0	3.1	277	2.97	42	1110.0	125.00	126	221
1732	0.0	3.1	277	2.97	42	1110.0	125.00	126	221
1733	0.0	3.1	277	2.97	42	1110.0	125.00	126	221
1734	0.0	3.1	277	2.97	42	1110.0	125.00	126	221
1735	0.0	5.6	232	3.59	188	1120.0	98.00	128	248
1736	0.0	3.2	375	3.14	129	857.0	89.00	NA	375
1737	0.0	3.2	375	3.14	129	857.0	89.00	NA	375
1738	0.0	3.2	375	3.14	129	857.0	89.00	NA	375
1739	0.0	3.2	375	3.14	129	857.0	89.00	NA	375
1740	0.0	3.2	375	3.14	129	857.0	89.00	NA	375
1741	0.0	3.2	375	3.14	129	857.0	89.00	NA	375
1742	0.0	2.8	322	3.06	65	2562.0	91.00	209	231
1743	0.0	2.8	322	3.06	65	2562.0	91.00	209	231
1744	0.0	2.8	322	3.06	65	2562.0	91.00	209	231
1745	0.5	1.1	432	3.57	45	1406.0	190.00	77	248
1746	0.5	1.1	432	3.57	45	1406.0	190.00	77	248
1747	0.5	1.1	432	3.57	45	1406.0	190.00	77	248
1748	0.5	1.1	432	3.57	45	1406.0	190.00	77	248
1749	0.5	1.1	432	3.57	45	1406.0	190.00	77	248
1750	0.0	3.4	356	3.12	188	1911.0	92.00	130	318
1751	0.0	3.4	356	3.12	188	1911.0	92.00	130	318
1752	0.0	3.4	356	3.12	188	1911.0	92.00	130	318
1753	0.0	3.4	356	3.12	188	1911.0	92.00	130	318
1754	0.0	3.5	348	3.20	121	938.0	120.00	146	296

1755	0.0	3.5	348	3.20	121	938.0	120.00	146	296
1756	0.0	3.5	348	3.20	121	938.0	120.00	146	296
1757	0.0	3.5	348	3.20	121	938.0	120.00	146	296
1758	0.0	0.5	318	3.32	52	613.0	70.00	260	279
1759	0.0	0.5	318	3.32	52	613.0	70.00	260	279
1760	0.0	0.5	318	3.32	52	613.0	70.00	260	279
1761	0.0	0.5	318	3.32	52	613.0	70.00	260	279
1762	0.0	0.5	318	3.32	52	613.0	70.00	260	279
1763	0.0	0.5	318	3.32	52	613.0	70.00	260	279
1764	0.0	0.5	318	3.32	52	613.0	70.00	260	279
1765	1.0	6.6	222	2.33	138	620.0	106.00	91	195
1766	0.5	6.4	344	2.75	16	834.0	82.00	179	149
1767	0.5	6.4	344	2.75	16	834.0	82.00	179	149
1768	0.0	3.6	374	3.50	143	1428.0	188.00	44	151
1769	0.0	3.6	374	3.50	143	1428.0	188.00	44	151
1770	0.0	3.6	374	3.50	143	1428.0	188.00	44	151
1771	0.0	3.6	374	3.50	143	1428.0	188.00	44	151
1772	0.0	3.6	374	3.50	143	1428.0	188.00	44	151
1773	0.0	3.6	374	3.50	143	1428.0	188.00	44	151
1774	0.0	3.6	374	3.50	143	1428.0	188.00	44	151
1775	0.0	1.0	448	3.74	102	1128.0	71.00	117	228
1776	0.0	1.0	448	3.74	102	1128.0	71.00	117	228
1777	0.0	1.0	448	3.74	102	1128.0	71.00	117	228
1778	0.0	1.0	321	3.50	94	955.0	111.00	177	289
1779	0.0	1.0	321	3.50	94	955.0	111.00	177	289
1780	0.0	1.0	321	3.50	94	955.0	111.00	177	289
1781	0.0	1.0	321	3.50	94	955.0	111.00	177	289
1782	0.0	1.0	321	3.50	94	955.0	111.00	177	289
1783	0.0	1.0	321	3.50	94	955.0	111.00	177	289
1784	0.0	1.0	321	3.50	94	955.0	111.00	177	289
1785	0.0	1.0	321	3.50	94	955.0	111.00	177	289
1786	0.0	0.5	226	2.93	22	674.0	58.00	85	153
1787	0.0	0.5	226	2.93	22	674.0	58.00	85	153
1788	0.0	0.5	226	2.93	22	674.0	58.00	85	153
1789	0.0	0.5	226	2.93	22	674.0	58.00	85	153
1790	0.0	0.5	226	2.93	22	674.0	58.00	85	153
1791	0.0	0.5	226	2.93	22	674.0	58.00	85	153
1792	0.0	2.2	328	3.46	75	1677.0	87.00	116	202
1793	0.0	2.2	328	3.46	75	1677.0	87.00	116	202
1794	0.0	2.2	328	3.46	75	1677.0	87.00	116	202
1795	0.0	1.6	NA	3.07	136	1995.0	128.00	NA	372
1796	0.0	1.6	NA	3.07	136	1995.0	128.00	NA	372
1797	0.0	1.6	NA	3.07	136	1995.0	128.00	NA	372

1798	0.0	1.6	NA	3.07	136	1995.0	128.00	NA	372
1799	0.0	1.6	NA	3.07	136	1995.0	128.00	NA	372
1800	0.0	2.2	572	3.77	77	2520.0	92.00	114	309
1801	0.0	2.2	572	3.77	77	2520.0	92.00	114	309
1802	0.0	2.2	572	3.77	77	2520.0	92.00	114	309
1803	0.0	2.2	572	3.77	77	2520.0	92.00	114	309
1804	0.0	1.0	219	3.85	67	640.0	145.00	108	95
1805	0.0	1.0	219	3.85	67	640.0	145.00	108	95
1806	0.5	1.0	317	3.56	44	1636.0	84.00	111	394
1807	0.5	1.0	317	3.56	44	1636.0	84.00	111	394
1808	0.5	1.0	317	3.56	44	1636.0	84.00	111	394
1809	0.5	1.0	317	3.56	44	1636.0	84.00	111	394
1810	0.5	1.0	317	3.56	44	1636.0	84.00	111	394
1811	0.0	5.6	338	3.70	130	2139.0	185.00	193	215
1812	0.0	5.6	338	3.70	130	2139.0	185.00	193	215
1813	0.0	5.6	338	3.70	130	2139.0	185.00	193	215
1814	0.0	5.6	338	3.70	130	2139.0	185.00	193	215
1815	0.0	5.6	338	3.70	130	2139.0	185.00	193	215
1816	0.0	0.5	198	3.77	38	911.0	57.00	56	280
1817	0.0	0.5	198	3.77	38	911.0	57.00	56	280
1818	0.0	0.5	198	3.77	38	911.0	57.00	56	280
1819	0.0	0.5	198	3.77	38	911.0	57.00	56	280
1820	0.0	0.5	198	3.77	38	911.0	57.00	56	280
1821	0.0	0.5	198	3.77	38	911.0	57.00	56	280
1822	0.0	0.5	198	3.77	38	911.0	57.00	56	280
1823	0.0	1.6	325	3.69	69	2583.0	142.00	140	284
1824	0.0	1.6	325	3.69	69	2583.0	142.00	140	284
1825	0.0	1.6	325	3.69	69	2583.0	142.00	140	284
1826	0.0	1.6	325	3.69	69	2583.0	142.00	140	284
1827	0.0	1.6	325	3.69	69	2583.0	142.00	140	284
1828	0.0	1.6	325	3.69	69	2583.0	142.00	140	284
1829	0.0	1.6	325	3.69	69	2583.0	142.00	140	284
1830	1.0	17.9	175	2.10	220	705.0	338.00	229	62
1831	0.0	1.3	304	3.52	97	1622.0	71.00	169	255
1832	0.0	1.3	304	3.52	97	1622.0	71.00	169	255
1833	0.0	1.3	304	3.52	97	1622.0	71.00	169	255
1834	0.0	1.3	304	3.52	97	1622.0	71.00	169	255
1835	0.0	1.1	412	3.99	103	1293.0	91.00	113	422
1836	0.0	1.1	412	3.99	103	1293.0	91.00	113	422
1837	0.0	1.1	412	3.99	103	1293.0	91.00	113	422
1838	0.0	1.1	412	3.99	103	1293.0	91.00	113	422
1839	0.0	1.3	291	3.44	75	1082.0	85.00	195	251
1840	0.0	1.3	291	3.44	75	1082.0	85.00	195	251

1841	0.0	1.3	291	3.44	75	1082.0	85.00	195	251
1842	0.0	1.3	291	3.44	75	1082.0	85.00	195	251
1843	0.0	1.3	291	3.44	75	1082.0	85.00	195	251
1844	0.0	1.3	291	3.44	75	1082.0	85.00	195	251
1845	0.0	1.3	291	3.44	75	1082.0	85.00	195	251
1846	0.0	0.8	253	3.48	65	688.0	57.00	80	252
1847	0.0	2.0	310	3.36	70	1257.0	122.00	118	143
1848	0.0	2.0	310	3.36	70	1257.0	122.00	118	143
1849	0.0	6.4	373	3.46	155	1768.0	120.00	151	258
1850	0.0	6.4	373	3.46	155	1768.0	120.00	151	258
1851	0.0	6.4	373	3.46	155	1768.0	120.00	151	258
1852	0.0	6.4	373	3.46	155	1768.0	120.00	151	258
1853	0.5	8.7	310	3.89	107	637.0	117.00	242	298
1854	0.5	8.7	310	3.89	107	637.0	117.00	242	298
1855	0.5	4.0	416	3.99	177	960.0	86.00	242	269
1856	0.5	4.0	416	3.99	177	960.0	86.00	242	269
1857	0.5	4.0	416	3.99	177	960.0	86.00	242	269
1858	0.5	4.0	416	3.99	177	960.0	86.00	242	269
1859	0.0	1.4	294	3.57	33	722.0	93.00	69	283
1860	0.0	1.4	294	3.57	33	722.0	93.00	69	283
1861	0.0	1.4	294	3.57	33	722.0	93.00	69	283
1862	0.0	1.4	294	3.57	33	722.0	93.00	69	283
1863	0.0	1.4	294	3.57	33	722.0	93.00	69	283
1864	0.0	1.4	294	3.57	33	722.0	93.00	69	283
1865	0.0	1.4	294	3.57	33	722.0	93.00	69	283
1866	0.0	3.2	339	3.18	123	3336.0	205.00	84	304
1867	0.0	3.2	339	3.18	123	3336.0	205.00	84	304
1868	0.0	3.2	339	3.18	123	3336.0	205.00	84	304
1869	0.0	3.2	339	3.18	123	3336.0	205.00	84	304
1870	0.0	3.2	339	3.18	123	3336.0	205.00	84	304
1871	0.0	8.6	546	3.73	84	1070.0	127.00	153	291
1872	0.0	8.6	546	3.73	84	1070.0	127.00	153	291
1873	0.0	8.6	546	3.73	84	1070.0	127.00	153	291
1874	1.0	8.5	194	2.98	196	815.0	163.00	78	122
1875	1.0	8.5	194	2.98	196	815.0	163.00	78	122
1876	0.0	6.6	1000	3.07	88	3150.0	193.00	133	299
1877	0.0	6.6	1000	3.07	88	3150.0	193.00	133	299
1878	0.0	6.6	1000	3.07	88	3150.0	193.00	133	299
1879	0.0	6.6	1000	3.07	88	3150.0	193.00	133	299
1880	0.0	6.6	1000	3.07	88	3150.0	193.00	133	299
1881	0.0	6.6	1000	3.07	88	3150.0	193.00	133	299
1882	0.0	6.6	1000	3.07	88	3150.0	193.00	133	299
1883	0.0	2.4	646	3.83	102	855.0	127.00	194	306

1884	0.0	2.4	646	3.83	102	855.0	127.00	194	306
1885	0.0	0.8	328	3.31	62	1105.0	137.00	95	293
1886	0.0	0.8	328	3.31	62	1105.0	137.00	95	293
1887	0.0	0.8	328	3.31	62	1105.0	137.00	95	293
1888	0.0	1.2	275	3.43	100	1142.0	75.00	91	217
1889	0.0	1.2	275	3.43	100	1142.0	75.00	91	217
1890	0.0	1.2	275	3.43	100	1142.0	75.00	91	217
1891	0.0	1.1	340	3.37	73	289.0	97.00	93	243
1892	0.0	1.1	340	3.37	73	289.0	97.00	93	243
1893	0.0	1.1	340	3.37	73	289.0	97.00	93	243
1894	0.0	2.4	342	3.76	90	1653.0	150.00	127	213
1895	0.0	5.2	NA	2.23	234	601.0	135.00	NA	206
1896	0.0	5.2	NA	2.23	234	601.0	135.00	NA	206
1897	0.0	1.0	393	3.57	50	1307.0	74.00	103	295
1898	0.0	1.0	393	3.57	50	1307.0	74.00	103	295
1899	0.0	1.0	393	3.57	50	1307.0	74.00	103	295
1900	0.0	0.7	335	3.95	43	657.0	52.00	104	268
1901	0.0	0.7	335	3.95	43	657.0	52.00	104	268
1902	0.0	0.7	335	3.95	43	657.0	52.00	104	268
1903	0.0	0.7	335	3.95	43	657.0	52.00	104	268
1904	0.0	0.7	335	3.95	43	657.0	52.00	104	268
1905	0.0	1.0	372	3.25	108	1190.0	140.00	55	248
1906	0.0	1.0	372	3.25	108	1190.0	140.00	55	248
1907	0.0	1.0	372	3.25	108	1190.0	140.00	55	248
1908	0.0	1.0	372	3.25	108	1190.0	140.00	55	248
1909	0.0	0.5	219	3.93	22	663.0	45.00	75	246
1910	0.0	2.9	426	3.61	73	5184.0	288.00	144	275
1911	0.0	2.9	426	3.61	73	5184.0	288.00	144	275
1912	0.0	2.9	426	3.61	73	5184.0	288.00	144	275
1913	0.0	2.9	426	3.61	73	5184.0	288.00	144	275
1914	0.0	2.9	426	3.61	73	5184.0	288.00	144	275
1915	0.0	0.6	239	3.45	31	1072.0	55.00	64	227
1916	0.0	0.6	239	3.45	31	1072.0	55.00	64	227
1917	0.0	0.8	273	3.56	52	1282.0	130.00	59	344
1918	0.0	0.8	273	3.56	52	1282.0	130.00	59	344
1919	0.0	0.8	273	3.56	52	1282.0	130.00	59	344
1920	0.0	0.8	273	3.56	52	1282.0	130.00	59	344
1921	0.0	0.8	273	3.56	52	1282.0	130.00	59	344
1922	0.0	0.4	246	3.58	24	797.0	91.00	113	288
1923	0.0	0.4	246	3.58	24	797.0	91.00	113	288
1924	0.0	0.4	246	3.58	24	797.0	91.00	113	288
1925	0.0	0.4	246	3.58	24	797.0	91.00	113	288
1926	0.0	0.4	246	3.58	24	797.0	91.00	113	288

1927	0.0	0.4	260	2.75	41	1166.0	70.00	82	231
1928	0.0	0.4	260	2.75	41	1166.0	70.00	82	231
1929	0.0	0.4	260	2.75	41	1166.0	70.00	82	231
1930	0.0	0.4	260	2.75	41	1166.0	70.00	82	231
1931	0.0	0.4	260	2.75	41	1166.0	70.00	82	231
1932	0.0	1.7	434	3.35	39	1713.0	171.00	100	234
1933	0.0	1.7	434	3.35	39	1713.0	171.00	100	234
1934	0.0	1.7	434	3.35	39	1713.0	171.00	100	234
1935	0.0	1.7	434	3.35	39	1713.0	171.00	100	234
1936	0.0	1.7	434	3.35	39	1713.0	171.00	100	234
1937	0.0	2.0	247	3.16	69	1050.0	117.00	88	335
1938	0.0	2.0	247	3.16	69	1050.0	117.00	88	335
1939	0.0	2.0	247	3.16	69	1050.0	117.00	88	335
1940	0.0	2.0	247	3.16	69	1050.0	117.00	88	335
1941	0.0	6.4	576	3.79	186	2115.0	136.00	149	200
1942	0.0	6.4	576	3.79	186	2115.0	136.00	149	200
1943	0.0	6.4	576	3.79	186	2115.0	136.00	149	200
1944	0.0	6.4	576	3.79	186	2115.0	136.00	149	200
1945	0.0	6.4	576	3.79	186	2115.0	136.00	149	200

	protime.y	stage.y
1	12.2	4
2	12.2	4
3	10.6	3
4	10.6	3
5	10.6	3
6	10.6	3
7	10.6	3
8	10.6	3
9	10.6	3
10	10.6	3
11	10.6	3
12	12.0	4
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16	10.3	4
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18	10.3	4
19	10.3	4
20	10.3	4
21	10.3	4
22	10.3	4
23	10.9	3

24	10.9	3
25	10.9	3
26	10.9	3
27	10.9	3
28	10.9	3
29	11.0	3
30	11.0	3
31	11.0	3
32	11.0	3
33	11.0	3
34	11.0	3
35	9.7	3
36	9.7	3
37	9.7	3
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40	9.7	3
41	9.7	3
42	11.0	3
43	11.0	3
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59	12.0	4
60	12.0	4
61	12.0	4
62	12.0	4
63	12.0	4
64	12.0	4
65	12.0	4
66	12.0	4

67	12.0	4
68	12.0	4
69	12.0	4
70	13.6	4
71	13.6	4
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1788	9.8	1
1789	9.8	1
1790	9.8	1
1791	9.8	1
1792	9.6	3
1793	9.6	3
1794	9.6	3
1795	9.6	4
1796	9.6	4
1797	9.6	4
1798	9.6	4
1799	9.6	4
1800	9.5	4
1801	9.5	4
1802	9.5	4
1803	9.5	4
1804	10.7	2
1805	10.7	2
1806	9.8	3
1807	9.8	3
1808	9.8	3
1809	9.8	3
1810	9.8	3
1811	9.9	4
1812	9.9	4
1813	9.9	4
1814	9.9	4
1815	9.9	4
1816	9.8	2
1817	9.8	2
1818	9.8	2
1819	9.8	2
1820	9.8	2
1821	9.8	2
1822	9.8	2
1823	9.6	3
1824	9.6	3
1825	9.6	3
1826	9.6	3
1827	9.6	3
1828	9.6	3
1829	9.6	3

1830	12.9	4
1831	9.5	4
1832	9.5	4
1833	9.5	4
1834	9.5	4
1835	9.6	4
1836	9.6	4
1837	9.6	4
1838	9.6	4
1839	9.5	3
1840	9.5	3
1841	9.5	3
1842	9.5	3
1843	9.5	3
1844	9.5	3
1845	9.5	3
1846	10.0	1
1847	9.8	3
1848	9.8	3
1849	10.1	4
1850	10.1	4
1851	10.1	4
1852	10.1	4
1853	9.6	2
1854	9.6	2
1855	9.8	2
1856	9.8	2
1857	9.8	2
1858	9.8	2
1859	9.8	3
1860	9.8	3
1861	9.8	3
1862	9.8	3
1863	9.8	3
1864	9.8	3
1865	9.8	3
1866	9.9	4
1867	9.9	4
1868	9.9	4
1869	9.9	4
1870	9.9	4
1871	11.2	3
1872	11.2	3

1873	11.2	3
1874	12.3	4
1875	12.3	4
1876	10.9	4
1877	10.9	4
1878	10.9	4
1879	10.9	4
1880	10.9	4
1881	10.9	4
1882	10.9	4
1883	10.3	3
1884	10.3	3
1885	10.9	4
1886	10.9	4
1887	10.9	4
1888	11.3	4
1889	11.3	4
1890	11.3	4
1891	10.2	3
1892	10.2	3
1893	10.2	3
1894	10.8	3
1895	12.3	4
1896	12.3	4
1897	10.5	4
1898	10.5	4
1899	10.5	4
1900	10.6	2
1901	10.6	2
1902	10.6	2
1903	10.6	2
1904	10.6	2
1905	10.6	4
1906	10.6	4
1907	10.6	4
1908	10.6	4
1909	10.8	3
1910	10.6	3
1911	10.6	3
1912	10.6	3
1913	10.6	3
1914	10.6	3
1915	10.7	2

```
1916      10.7       2
1917      10.5       2
1918      10.5       2
1919      10.5       2
1920      10.5       2
1921      10.5       2
1922      10.4       2
1923      10.4       2
1924      10.4       2
1925      10.4       2
1926      10.4       2
1927      10.8       2
1928      10.8       2
1929      10.8       2
1930      10.8       2
1931      10.8       2
1932      10.2       2
1933      10.2       2
1934      10.2       2
1935      10.2       2
1936      10.2       2
1937      10.5       2
1938      10.5       2
1939      10.5       2
1940      10.5       2
1941      10.8       2
1942      10.8       2
1943      10.8       2
1944      10.8       2
1945      10.8       2
```

Réponse

Mettre les informations de pbc dans pbcseq

```
#pbc%>%left_join(pbcseq, by = ("id"="id"))%>%dim
pbc%>%dim
```

```
[1] 418  20
```

```r
pbcseq_wide =pbcseq%>%pivot_wider(id_cols = id,names_from = day,
                      values_from = c(ascites,ast))

pbc%>%left_join(pbcseq_wide)%>%dim
```

```
Joining with `by = join_by(id)`
```

```
[1]  418 2068
```

SQL

Le langage SQL

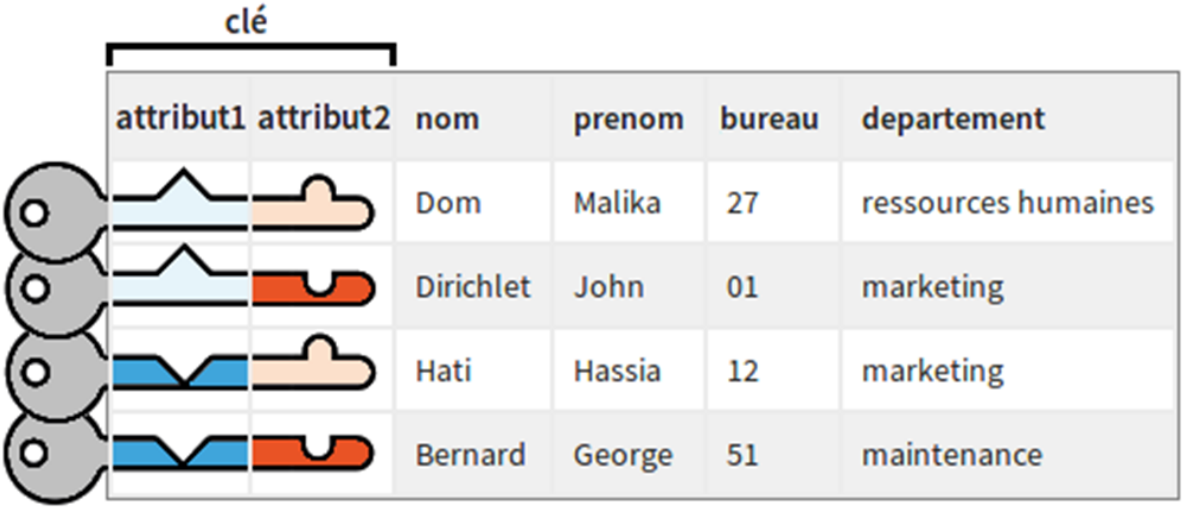
- Permets d'interroger un logiciel sgbdr (système de gestion de base de données)
- SGBR : MySQL, Oracle Database, SQLite…
- ! Différent SQL pour différente SGBR

Base de données relationnelle

- La relation, chaque ligne est unique
- Possède des clefs : primaire, étrangère, secondaire

identifiant	masse	diamètre	couleur
1	151 g	8.3 cm	rouge
2	169 g	9.1 cm	jaune
3	134g	8.0 cm	jaune

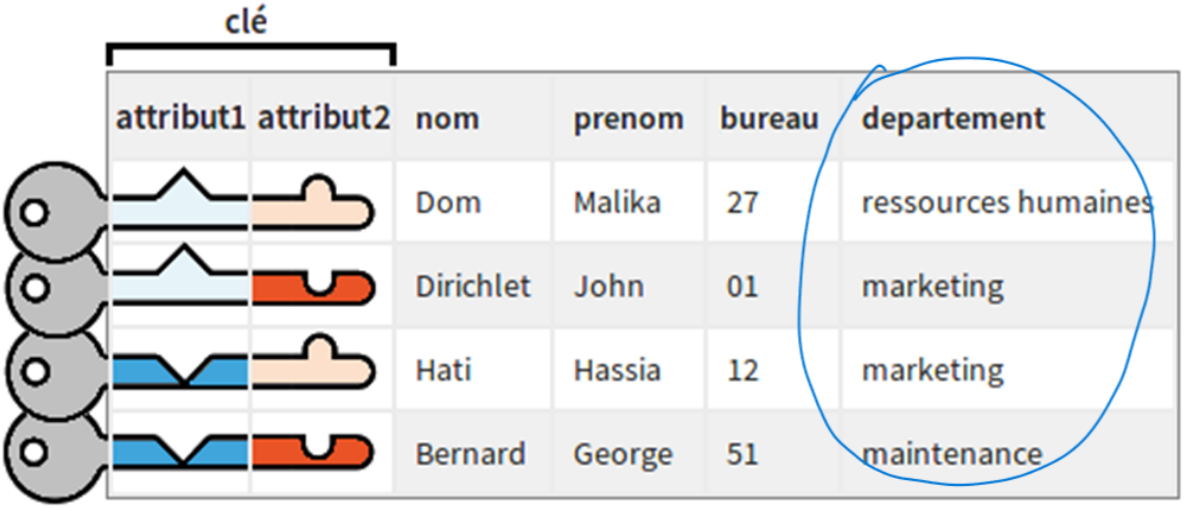
Clef primaire



Clef étrangère

Achat numéro	Attribut 1	Attribut2	Prix
1	****	****	2
2	****	****	4
3	****	****	8

Clef secondaire



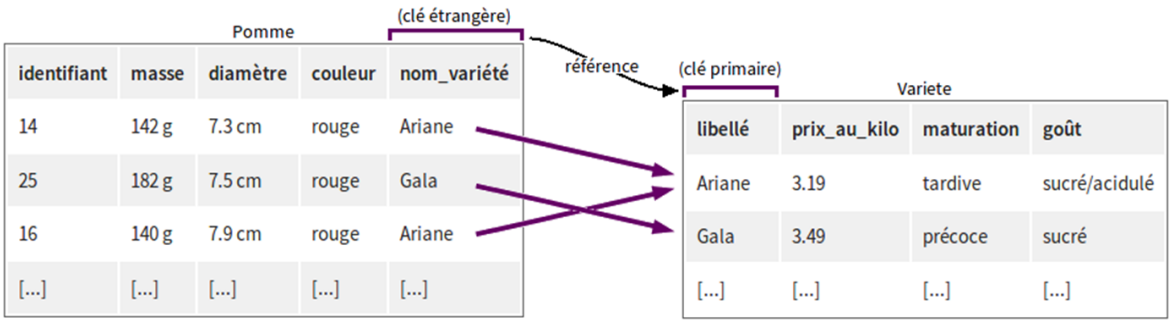
Intérêt des clefs

libellé	prix_au_kilo	maturation	goût
Ariane	3.19	tardive	sucré/acidulé
Gala	3.49	précoce	sucré
Reinette	3.19	mi-saison	sucré
Boskoop	2.99	mi-saison	acidulé
[...]	[...]	[...]	[...]

Intérêt des clefs

identifiant	masse	diamètre	couleur	nom_variété
14	142 g	7.3 cm	rouge	Ariane
25	182 g	7.5 cm	rouge	Gala
16	140 g	7.9 cm	rouge	Ariane
[...]	[...]	[...]	[...]	[...]

Intérêt des clefs

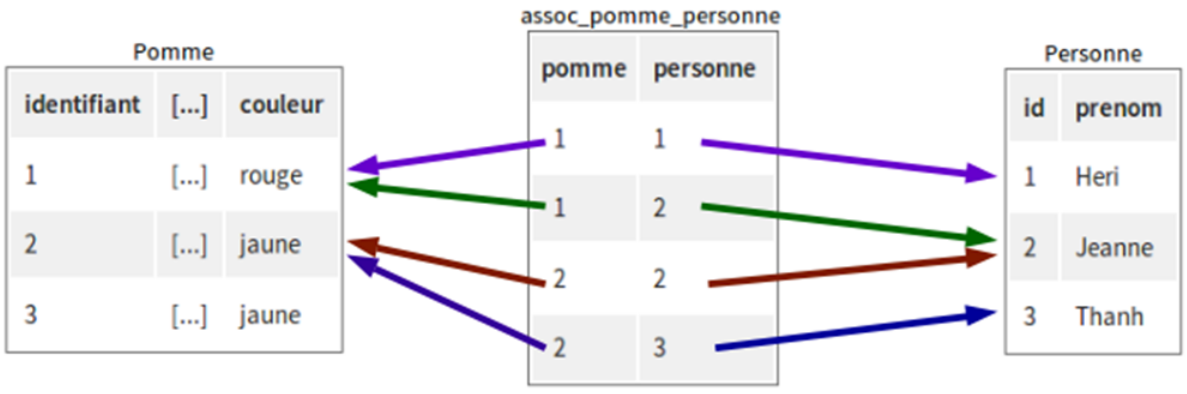


Intérêt des clefs

Pas de redondance pour le stockage

identifiant	masse	diamètre	couleur	nom_variété	prix_au_kilo	maturation	goût
1	151 g	8.3 cm	rouge	Ariane	3.19	tardive	sucré/acidulé
2	169 g	9.1 cm	jaune	Gala	3.49	précoce	sucré
3	134 g	8.0 cm	jaune	Gala	3.49	précoce	sucré

Table d'association



LE SQL

Langage pour interroger ces bases

```
SELECT *
FROM pommes ;
```

identifiant	masse	diamètre	couleur
1	151 g	8.3 cm	rouge
2	169 g	9.1 cm	jaune
3	134 g	8.0 cm	jaune

LE SQL

Projection

```
SELECT identifiant, masse
FROM
Pommes  ;
```

identifiant	masse	diamètre	couleur
1	151 g	8.3 cm	rouge
2	169 g	9.1 cm	jaune
3	134 g	8.0 cm	jaune

SQL

Restriction

```
SELECT * from
Pommes
Where identifiant =1 ;
```

identifiant	masse	diamètre	couleur
1	151 g	8.3 cm	rouge
2	169 g	9.1 cm	jaune
3	134 g	8.0 cm	jaune

SQL

Opérateur	Teste si …
A = B	A égal à B
A <> B	A différend de B
A > B et A < B	A supérieur à B / A inférieur à B
A >= B et A <= B	A supérieur ou égal à B / A inférieur ou égal à B
A BETWEEN B AND C	A est compris entre B et C
A LIKE ‘chaîne de caractères’	(nous verrons cet opérateur dans un prochain chapitre)
A IN (B1, B2, B3, etc.)	A est présent dans la liste (B1, B2, etc.)
A IS NULL	A n’a pas de valeur

- Restriction :

  Opérateur disponible

- Opérateur logique :

  OR, AND, NOT

Exercice :

id_livre	**titre**	**isbn_10**	**auteur**	**prix**
1	Forteresse digitale	2709626306	Dan Brown	20.5
2	La jeune fille et la nuit	2253237620	Guillaume Musso	21.9
3	T’choupi se brosse les dents	2092589547	Thierry Courtin	5.7
4	La Dernière Chasse	2226439412	Jean-Christophe Grangé	22.9
5	Le Signal	2226319484	Maxime Chattam	23.9

Table 13: Table: Livre

Exercice :

id_livre	titre	isbn_10	auteur	prix
1	Forteresse digitale	2709626306	Dan Brown	20.5
2	La jeune fille et la nuit	2253237620	Guillaume Musso	21.9
3	T'choupi se brosse les dents	2092589547	Thierry Courtin	5.7
4	La Dernière Chasse	2226439412	Jean-Christophe Grangé	22.9
5	Le Signal	2226319484	Maxime Chattam	23.9

Table 14: Table: Livre

Quelle requête utiliser pour afficher l'ensemble des enregistrements de la table ?

. . .

```sql
SELECT *
FROM livres;
```

Exercice

id_livre	titre	isbn_10	auteur	prix
1	Forteresse digitale	2709626306	Dan Brown	20.5
2	La jeune fille et la nuit	2253237620	Guillaume Musso	21.9
3	T'choupi se brosse les dents	2092589547	Thierry Courtin	5.7
4	La Dernière Chasse	2226439412	Jean-Christophe Grangé	22.9
5	Le Signal	2226319484	Maxime Chattam	23.9

Table 15: Table: Livre

Quelle requête utiliser pour sélectionner uniquement les livres qui ont un **prix strictement supérieur à 20** ?

. . .

```sql
SELECT *
FROM livres
WHERE prix > 20;
```

Exercice

id_livre	titre	isbn_10	auteur	prix
1	Forteresse digitale	2709626306	Dan Brown	20.5
2	La jeune fille et la nuit	2253237620	Guillaume Musso	21.9
3	T'choupi se brosse les dents	2092589547	Thierry Courtin	5.7
4	La Dernière Chasse	2226439412	Jean-Christophe Grangé	22.9
5	Le Signal	2226319484	Maxime Chattam	23.9

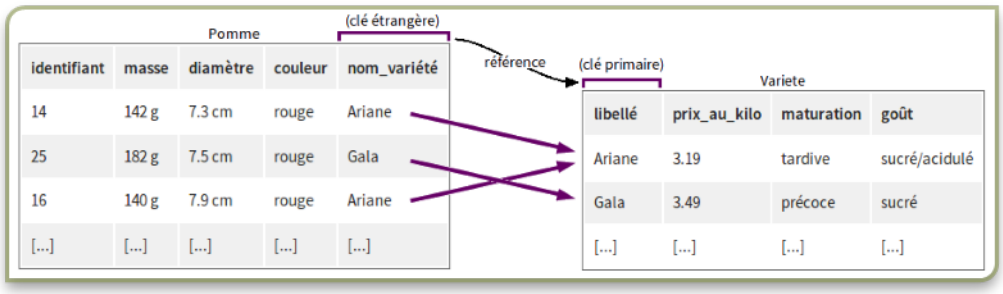
Table 16: Table: Livre

Quelle requête utiliser pour récupérer les livres de la table qui ont **un prix compris entre 20 et 22** ?

. . .

```sql
SELECT *
FROM livres
WHERE prix BETWEEN 20 AND 22;
```

Le SQL



Jointure entre les tables :

```sql
#
SELECT *
FROM pommes,
variete
WHERE pommes.nom_varieté =variete.libellé ;
```

```
#
SELECT *
FROM pommes
JOIN  variete ON
  pommes.nom_varieté =variete.libellé ;
```

Les jointures en SQL

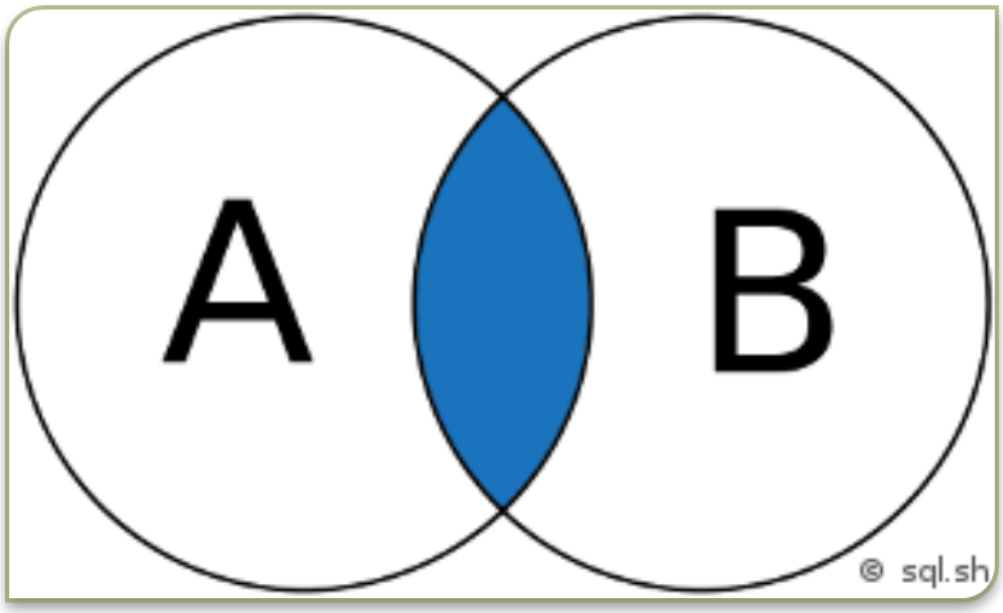


Figure 1: Inner join

Les jointures en SQL

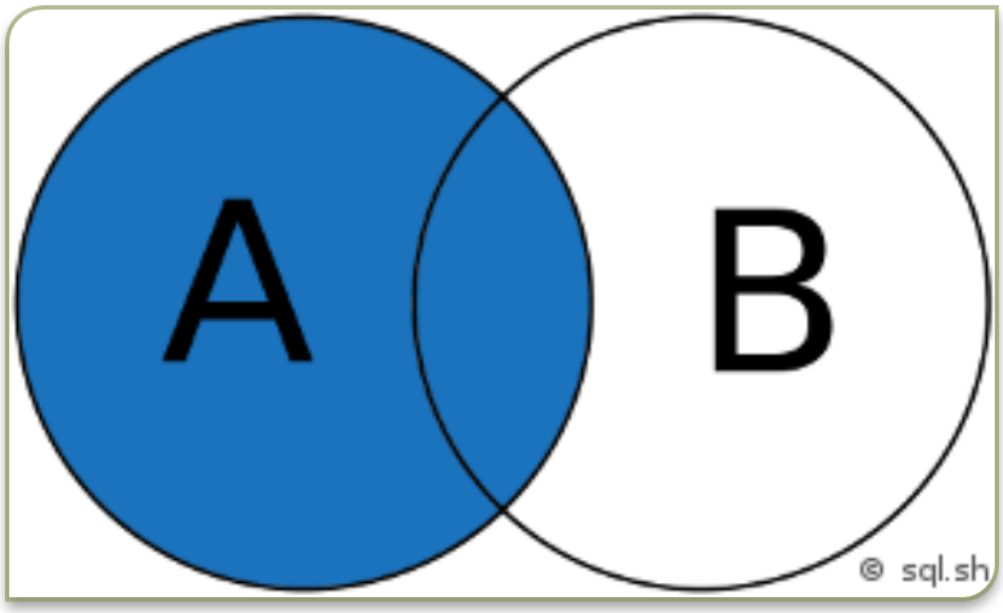


Figure 2: Left Join

Les jointures en SQL

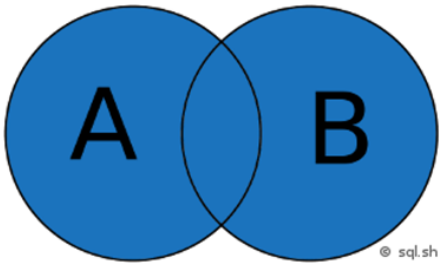


Figure 3: Full join

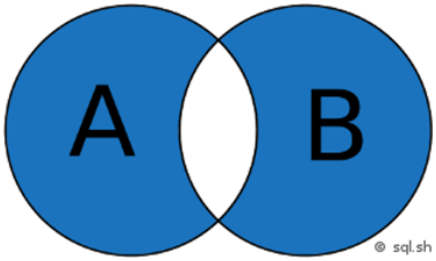


Figure 4: Outer Join

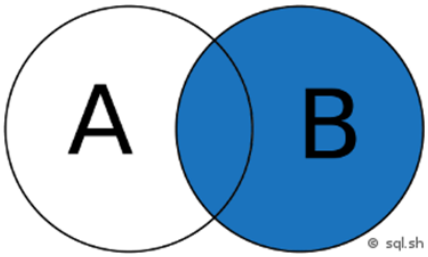


Figure 5: Right Join

Exercice

id_etudiant	prenom	nom
30	Joseph	Biblo
31	Paul	Bismuth
32	Jean	Michel
33	Ted	Bundy
34	Caroline	Martinez
35	Joséphine	Henry

Table 17: Table : Etudiant

id	id_examen	id_etudiant	matiere	note
788	45	30	Histoire-Geographie	10.5
789	87	33	Mathématiques	14
790	87	34	Mathématiques	4
791	45	31	Histoire-Geographie	15.5

id	id_examen	id_etudiant	matiere	note
792	45	32	Histoire-Geographie	8
793	87	31	Mathématiques	14

Table 18: Table : Examen

Exercice

id_etudiant	prenom	nom
30	Joseph	Biblo
31	Paul	Bismuth
32	Jean	Michel
33	Ted	Bundy
34	Caroline	Martinez
35	Joséphine	Henry

Table 19: Table : Etudiant

id	id_examen	id_etudiant	matiere	note
788	45	30	Histoire-Geographie	10.5
789	87	33	Mathématiques	14
790	87	34	Mathématiques	4
791	45	31	Histoire-Geographie	15.5
792	45	32	Histoire-Geographie	8
793	87	31	Mathématiques	14

Table 20: Table : Examen

Quelle requête utiliser pour afficher tous les enregistrement de la table examens avec en plus, si c'est possible, le prenom et le nom de l'étudiant ?

. . .

```
SELECT tbl_ex.*,
et.prenom,
et.nom
FROM examens tbl_ex
LEFT JOIN etudiants tbl_et ON tbl_ex.id_etudiant = tbl_et.id_etudiant;
```

Exercice

id_etudiant	prenom	nom
30	Joseph	Biblo
31	Paul	Bismuth
32	Jean	Michel
33	Ted	Bundy
34	Caroline	Martinez
35	Joséphine	Henry

Table 21: Table : Etudiant

id	id_examen	id_etudiant	matiere	note
788	45	30	Histoire-Geographie	10.5
789	87	33	Mathématiques	14
790	87	34	Mathématiques	4
791	45	31	Histoire-Geographie	15.5
792	45	32	Histoire-Geographie	8
793	87	31	Mathématiques	14

Table 22: Table : Examen

Quelle requête utiliser pour afficher les résultats d'histoire des étudiants qui ont au moins un résultat ?

. . .

```
SELECT et.prenom,
et.nom,
ex.note
FROM etudiants tbl_et
INNER JOIN examens tbl_ex ON tbl_ex.id_etudiant = tbl_et.id_etudiant
WHERE ex.matiere = "Histoire-Geographie" ;
```