

Part 1 Cleaning the Data Set

*#For cleaning the Data set we did the following steps to remove inconsistencies and removing unimportant
#Column Special.pay and Poverty.code contains missing value in more than 30% instance, thus it was not
#Column MDR.low.grade , Income.level, Total.School.Enrollment,SchoolSizeIndicator were NA in 91 instance*

```
library(readxl)
HW4 <- read_excel("C:/Users/Asus/Downloads/casestudy1.xlsx",sheet = 2)
```

```
## Warning: Expecting numeric in A2302 / R2302C1: got 'Data source: Company data  
## adjusted by author using unspecified constants.'
```

```
View(HW4)
summary(HW4) #Summary of data
```

```
##          ID          Program.Code      From.Grade      To.Grade
## Min.      : 1.0      Length:2301      Length:2301      Length:2301
## 1st Qu.: 598.2      Class :character  Class :character  Class :character
## Median :1199.5      Mode  :character  Mode  :character  Mode  :character
## Mean      :1196.6
## 3rd Qu.:1792.8
## Max.      :2389.0
## NA's      :3
## Group.State      Is.Non.Annual.      Days      Travel.Type
## Length:2301      Min.      :0.0000      Min.      : 1.000      Length:2301
## Class :character  1st Qu.:0.0000      1st Qu.: 4.000      Class :character
## Mode  :character  Median :0.0000      Median : 5.000      Mode  :character
##                      Mean      :0.1549      Mean      : 4.575
##                      3rd Qu.:0.0000      3rd Qu.: 5.000
##                      Max.      :1.0000      Max.      :12.000
##                      NA's      :3          NA's      :3
## Departure.Date      Return.Date
## Min.      :2011-01-14 00:00:00.00      Min.      :2011-01-14 00:00:00.00
## 1st Qu.:2011-04-09 00:00:00.00      1st Qu.:2011-04-12 06:00:00.00
## Median :2011-05-18 00:00:00.00      Median :2011-05-20 00:00:00.00
## Mean      :2011-05-07 21:41:30.85      Mean      :2011-05-11 15:18:00.94
## 3rd Qu.:2011-06-07 00:00:00.00      3rd Qu.:2011-06-10 00:00:00.00
## Max.      :2011-06-30 00:00:00.00      Max.      :2011-07-05 00:00:00.00
## NA's      :3          NA's      :3
## Deposit.Date      Tuition      FRP.Active
## Min.      :2009-09-25 00:00:00.00      Min.      : 79      Min.      : 0.00
## 1st Qu.:2010-10-15 00:00:00.00      1st Qu.:1174      1st Qu.: 6.00
## Median :2010-10-26 12:00:00.00      Median :1704      Median : 13.00
## Mean      :2010-10-24 07:18:38.53      Mean      :1616      Mean      : 16.97
## 3rd Qu.:2010-11-04 00:00:00.00      3rd Qu.:2047      3rd Qu.: 23.00
## Max.      :2011-10-30 00:00:00.00      Max.      :4200      Max.      :257.00
## NA's      :3          NA's      :3          NA's      :3
## FRP.Cancelled      FRP.Take.up.percent.      Early.RPL      Latest.RPL
## Min.      : 0.000      Min.      :0.0000      Length:2301      Length:2301
## 1st Qu.: 1.000      1st Qu.:0.4620      Class :character  Class :character
## Median : 2.000      Median :0.6000      Mode  :character  Mode  :character
## Mean      : 3.327      Mean      :0.5751
## 3rd Qu.: 4.000      3rd Qu.:0.7278
```

```

## Max. :45.000 Max. :1.0000
## NA's :3 NA's :3
## Cancelled.Pax Total.Discount.Pax Initial.System.Date Region
## Min. : 0.000 Min. : 0.000 Length:2301 Length:2301
## 1st Qu.: 2.000 1st Qu.: 1.000 Class :character Class :character
## Median : 4.000 Median : 2.000 Mode :character Mode :character
## Mean : 4.828 Mean : 2.965
## 3rd Qu.: 6.000 3rd Qu.: 4.000
## Max. :39.000 Max. :47.000
## NA's :3 NA's :3
## CRM.Segment School.Type Parent.Meeting.Flag MDR.Low.Grade
## Min. : 1.00 Length:2301 Min. :0.000 Length:2301
## 1st Qu.: 5.00 Class :character 1st Qu.:1.000 Class :character
## Median : 6.00 Mode :character Median :1.000 Mode :character
## Mean : 6.94 Mean :0.866
## 3rd Qu.:10.00 3rd Qu.:1.000
## Max. :11.00 Max. :1.000
## NA's :3 NA's :3
## MDR.High.Grade Total.School.Enrollment Income.Level
## Length:2301 Min. : 19.0 Length:2301
## Class :character 1st Qu.: 360.0 Class :character
## Mode :character Median : 597.0 Mode :character
## Mean : 648.4
## 3rd Qu.: 825.8
## Max. :3990.0
## NA's :3
## EZ.Pay.Take.Up.Rate School.Sponsor SPR.Product.Type SPR.New.Existing
## Min. :0.0000 Min. :0.0000 Length:2301 Length:2301
## 1st Qu.:0.1035 1st Qu.:0.0000 Class :character Class :character
## Median :0.2000 Median :0.0000 Mode :character Mode :character
## Mean :0.2110 Mean :0.1049
## 3rd Qu.:0.2968 3rd Qu.:0.0000
## Max. :1.7500 Max. :1.0000
## NA's :3 NA's :3
## FPP Total.Pax SPR.Group.Revenue
## Min. : 2.00 Min. : 2.00 Min. : 79
## 1st Qu.: 12.00 1st Qu.: 14.00 1st Qu.:1174
## Median : 23.00 Median : 25.00 Median :1704
## Mean : 31.24 Mean : 34.21 Mean :1616
## 3rd Qu.: 41.00 3rd Qu.: 44.00 3rd Qu.:2047
## Max. :286.00 Max. :313.00 Max. :4200
## NA's :3 NA's :3 NA's :3
## NumberOfMeetingswithParents FirstMeeting LastMeeting
## Min. :0.000 Length:2301 Length:2301
## 1st Qu.:1.000 Class :character Class :character
## Median :1.000 Mode :character Mode :character
## Mean :1.111
## 3rd Qu.:1.000
## Max. :2.000
## NA's :3
## DifferenceTraveltoFirstMeeting DifferenceTraveltoLastMeeting
## Length:2301 Length:2301
## Class :character Class :character
## Mode :character Mode :character

```

```
##
##
##
##
## SchoolGradeTypeLow SchoolGradeTypeHigh SchoolGradeType DepartureMonth
## Length:2301 Length:2301 Length:2301 Length:2301
## Class :character Class :character Class :character Class :character
## Mode :character Mode :character Mode :character Mode :character
##
##
##
##
## GroupGradeTypeLow GroupGradeTypeHigh GroupGradeType MajorProgramCode
## Length:2301 Length:2301 Length:2301 Length:2301
## Class :character Class :character Class :character Class :character
## Mode :character Mode :character Mode :character Mode :character
##
##
##
##
## SingleGradeTripFlag FPP.to.School.enrollment FPP.to.PAX
## Min. :0.0000 Min. :0.0009221 Min. :0.6000
## 1st Qu.:0.0000 1st Qu.:0.0207870 1st Qu.:0.8824
## Median :1.0000 Median :0.0452560 Median :0.9091
## Mean :0.5574 Mean :0.0661839 Mean :0.9001
## 3rd Qu.:1.0000 3rd Qu.:0.0875175 3rd Qu.:0.9324
## Max. :1.0000 Max. :2.0526316 Max. :1.0000
## NA's :3 NA's :3 NA's :3
## Num.of.Non_FPP.PAX SchoolSizeIndicator Retained.in.2012.
## Min. : 0.000 Length:2301 Min. :0.0000
## 1st Qu.: 1.000 Class :character 1st Qu.:0.0000
## Median : 2.000 Mode :character Median :1.0000
## Mean : 2.965 Mean :0.6079
## 3rd Qu.: 4.000 3rd Qu.:1.0000
## Max. :47.000 Max. :1.0000
## NA's :3 NA's :3
```

```
sum(is.na(HW4))
```

```
## [1] 166
```

```
sapply(HW4, function(x) sum(is.na(x)))
```

```
## ID Program.Code
## 3 3
## From.Grade To.Grade
## 3 3
## Group.State Is.Non.Annual.
## 3 3
## Days Travel.Type
## 3 3
## Departure.Date Return.Date
## 3 3
```

```
##          Deposit.Date          Tuition
##              3              3
##          FRP.Active          FRP.Cancelled
##              3              3
##      FRP.Take.up.percent.          Early.RPL
##              3              3
##          Latest.RPL          Cancelled.Pax
##              3              3
##      Total.Discount.Pax          Initial.System.Date
##              3              3
##          Region          CRM.Segment
##              3              3
##      School.Type          Parent.Meeting.Flag
##              3              3
##      MDR.Low.Grade          MDR.High.Grade
##              7              3
##      Total.School.Enrollment          Income.Level
##              3              3
##      EZ.Pay.Take.Up.Rate          School.Sponsor
##              3              3
##      SPR.Product.Type          SPR.New.Existing
##              3              3
##          FPP          Total.Pax
##              3              3
##      SPR.Group.Revenue          NumberOfMeetingswithParents
##              3              3
##      FirstMeeting          LastMeeting
##              3              3
##      DifferenceTraveltoFirstMeeting          DifferenceTraveltoLastMeeting
##              3              3
##      SchoolGradeTypeLow          SchoolGradeTypeHigh
##              3              3
##      SchoolGradeType          DepartureMonth
##              3              3
##      GroupGradeTypeLow          GroupGradeTypeHigh
##              3              3
##      GroupGradeType          MajorProgramCode
##              3              3
##      SingleGradeTripFlag          FPP.to.School.enrollment
##              3              3
##          FPP.to.PAX          Num.of.Non_FPP.PAX
##              3              3
##      SchoolSizeIndicator          Retained.in.2012.
##              3              3
```

```
sum(is.na(HW4)) #Checking missing values in the dataset
```

```
## [1] 166
```

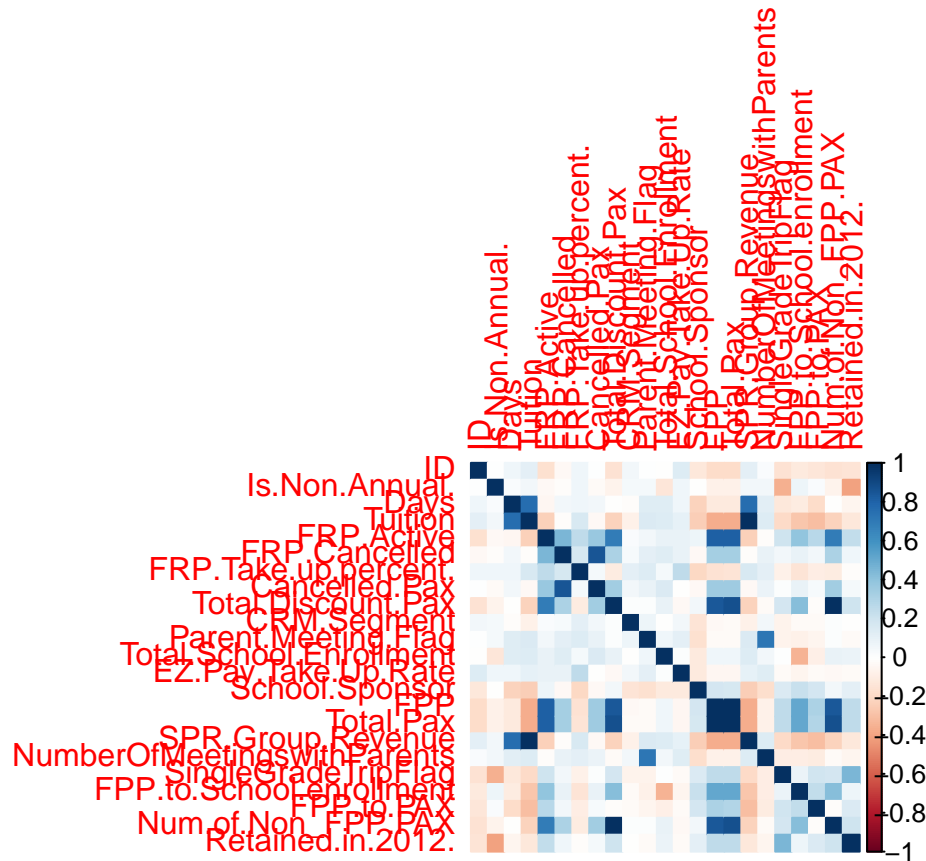
```
HW4 <- HW4[complete.cases(HW4), ]
anyDuplicated(HW4)
```

```
## [1] 0
```

```
HW4_numeric <- HW4[, sapply(HW4, is.numeric)] #Creating dataset with only numeric values
cor_matrix <- cor(HW4_numeric) #Using Cor function to determine correlation
library(corrplot)
```

```
## corrplot 0.92 loaded
```

```
library(ggplot2)
library(lattice)
corrplot(cor_matrix, method="color") #Plotting Correlation matrix
```



```
library(caret)
#Selecting values with more than 70% correlation
highly_correlated <- findCorrelation(cor_matrix, cutoff = 0.7)
# removing highly correlated values
HW4_New <- HW4[, -highly_correlated]
```

Part 2 Understanding data through EDA

```
library(readxl)
HW4_CS <- read_excel("C:/Users/Asus/Downloads/casestudy1.xlsx", sheet = 2)
```

```
## Warning: Expecting numeric in A2302 / R2302C1: got 'Data source: Company data
## adjusted by author using unspecified constants.'
```

```
sapply(HW4_CS, function(x) sum(is.na(x)))
```

```
##          ID          Program.Code
##          3          3
##      From.Grade      To.Grade
##          3          3
##      Group.State      Is.Non.Annual.
##          3          3
##          Days      Travel.Type
##          3          3
##      Departure.Date      Return.Date
##          3          3
##      Deposit.Date      Tuition
##          3          3
##      FRP.Active      FRP.Cancelled
##          3          3
##      FRP.Take.up.percent.      Early.RPL
##          3          3
##      Latest.RPL      Cancelled.Pax
##          3          3
##      Total.Discount.Pax      Initial.System.Date
##          3          3
##          Region      CRM.Segment
##          3          3
##      School.Type      Parent.Meeting.Flag
##          3          3
##      MDR.Low.Grade      MDR.High.Grade
##          7          3
##      Total.School.Enrollment      Income.Level
##          3          3
##      EZ.Pay.Take.Up.Rate      School.Sponsor
##          3          3
##      SPR.Product.Type      SPR.New.Existing
##          3          3
##          FPP      Total.Pax
##          3          3
##      SPR.Group.Revenue      NumberOfMeetingswithParents
##          3          3
##      FirstMeeting      LastMeeting
##          3          3
##      DifferenceTraveltoFirstMeeting      DifferenceTraveltoLastMeeting
##          3          3
##      SchoolGradeTypeLow      SchoolGradeTypeHigh
##          3          3
##      SchoolGradeType      DepartureMonth
##          3          3
##      GroupGradeTypeLow      GroupGradeTypeHigh
##          3          3
##      GroupGradeType      MajorProgramCode
##          3          3
##      SingleGradeTripFlag      FPP.to.School.enrollment
##          3          3
##          FPP.to.PAX      Num.of.Non_FPP.PAX
```

```
##              3              3
##      SchoolSizeIndicator      Retained.in.2012.
##              3              3
```

```
data <- HW4_CS[complete.cases(HW4_CS), ]
anyDuplicated(data)
```

```
## [1] 0
```

```
unique(data['Days'])
```

```
## # A tibble: 12 x 1
##   Days
##   <dbl>
## 1     1
## 2     7
## 3     3
## 4     6
## 5     4
## 6     8
## 7     5
## 8    11
## 9     2
## 10    10
## 11     9
## 12    12
```

```
library(ggplot2)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
```

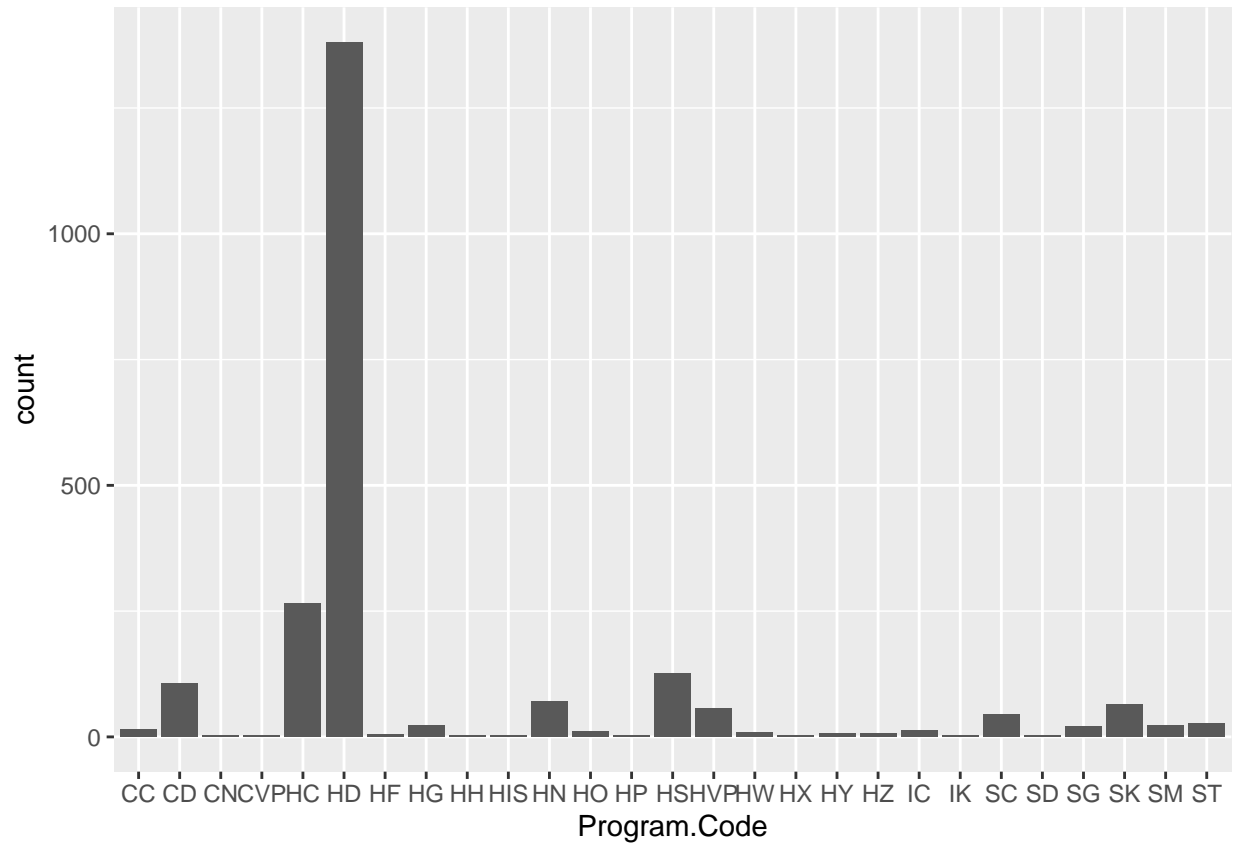
```
attach(data)
```

```
#Uni variate EDA
```

```
#Create a bar chart of a categorical variable (column: Program.Code)
Program.Code = factor(Program.Code)
summary(Program.Code)
```

##	CC	CD	CN	CVP	HC	HD	HF	HG	HH	HIS	HN	HO	HP	HS	HVP	HW
##	14	106	4	3	265	1381	5	23	3	4	70	11	2	126	57	8
##	HX	HY	HZ	IC	IK	SC	SD	SG	SK	SM	ST					
##	3	6	6	12	3	45	4	20	65	22	26					

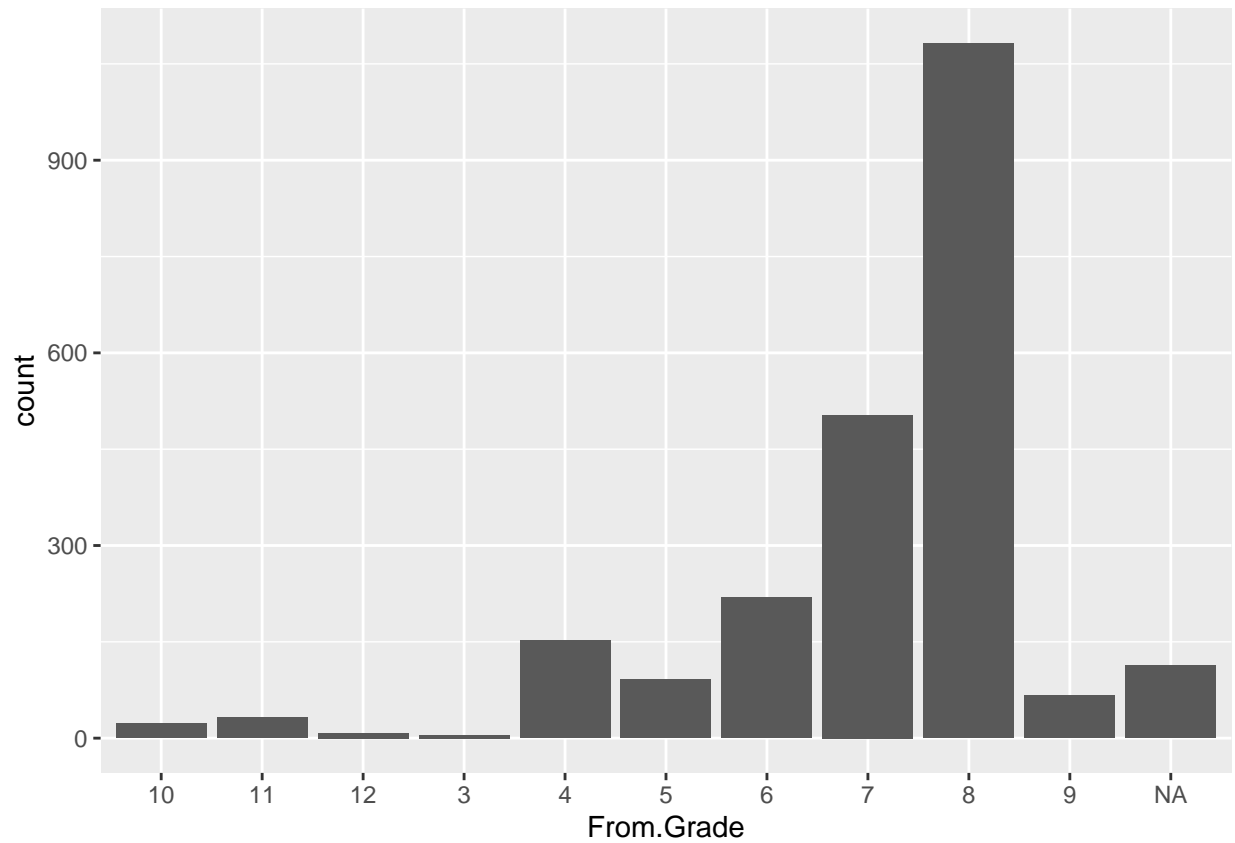
```
ggplot(data, aes(x = Program.Code)) +
  geom_bar()
```



```
#Create a bar chart of a categorical variable (column: From.Grade)
From.Grade = factor(From.Grade)
summary(From.Grade)
```

##	10	11	12	3	4	5	6	7	8	9	NA
##	23	32	8	5	152	91	219	503	1082	66	113

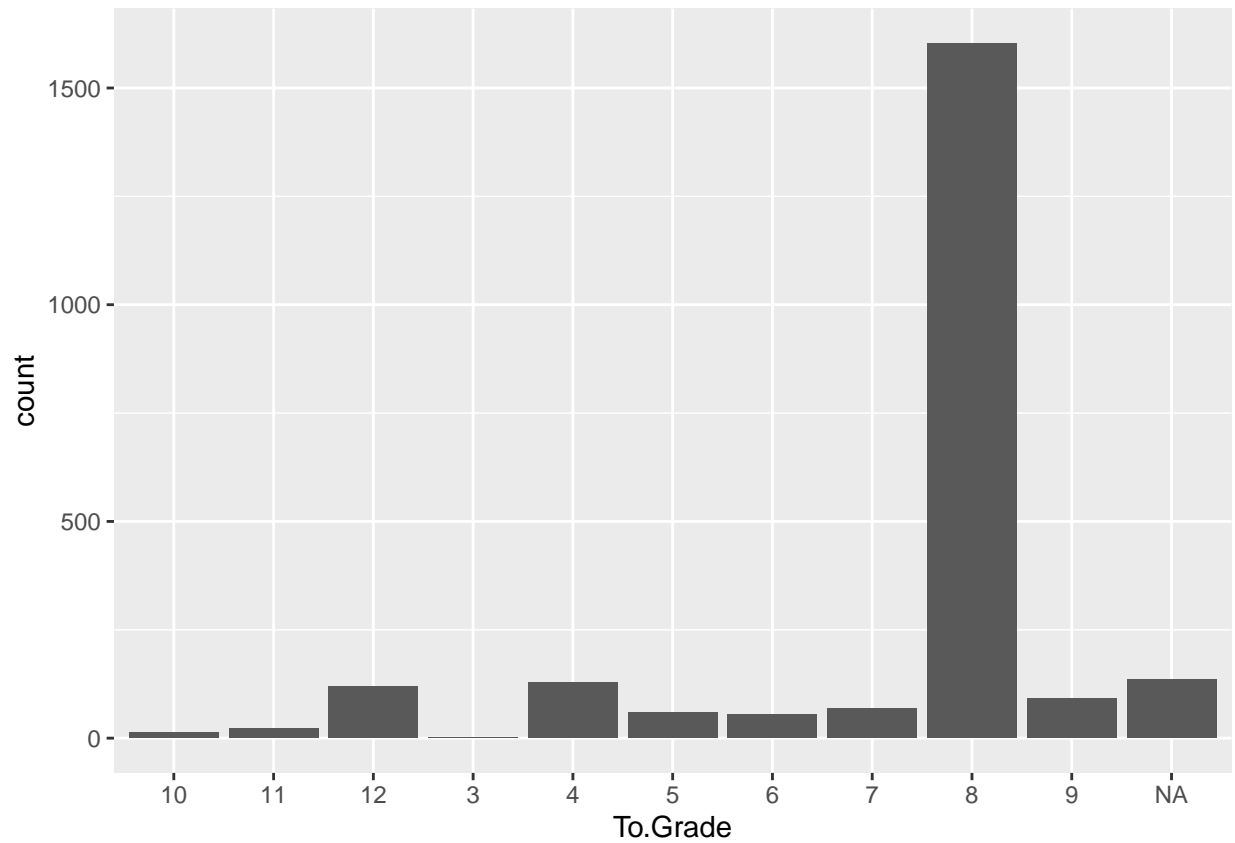
```
ggplot(data, aes(x = From.Grade)) +
  geom_bar()
```

```
#Create a bar chart of a categorical variable (column: To.Grade)
To.Grade = factor(To.Grade)
summary(To.Grade)
```

```
##  10   11   12    3    4    5    6    7    8    9   NA
##  13   23  119    1  128   59   54   68 1603   91  135
```

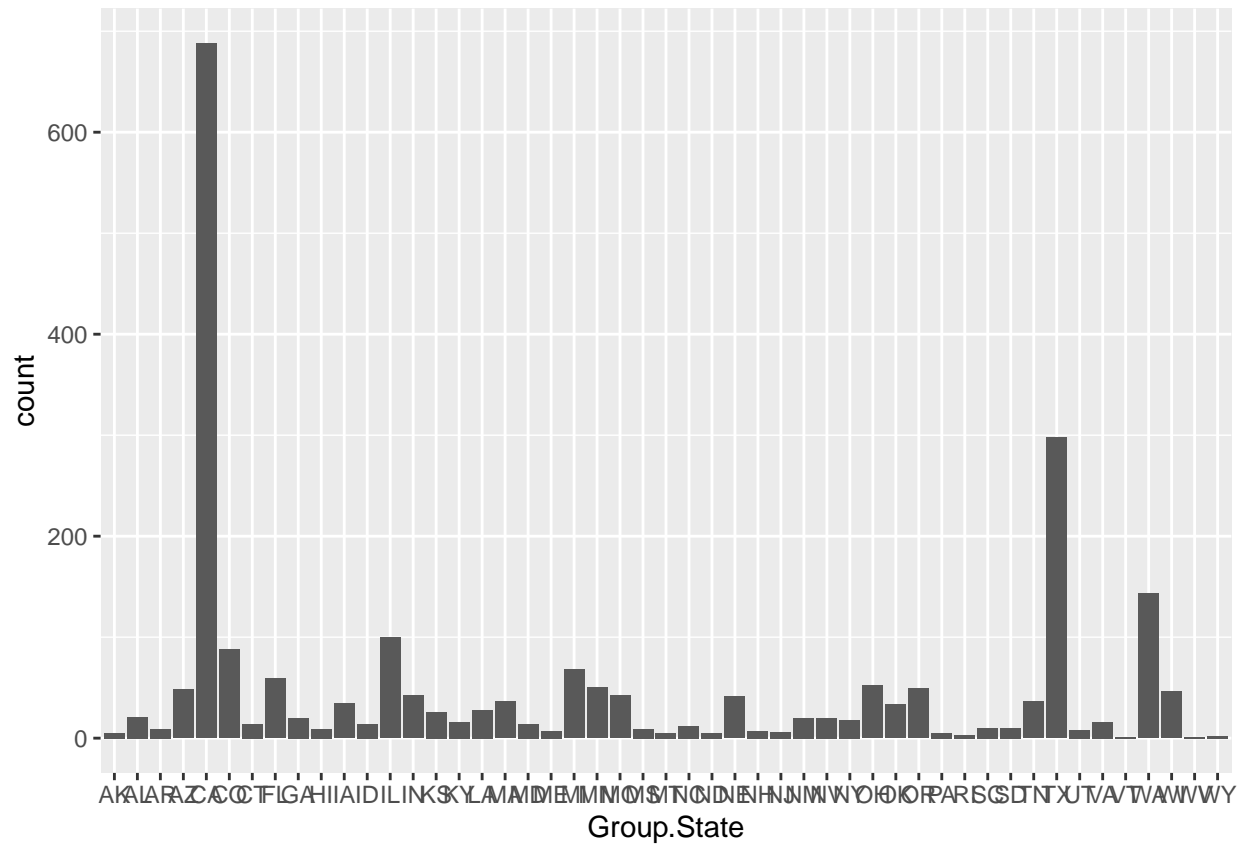
```
ggplot(data, aes(x = To.Grade)) +
  geom_bar()
```



```
#Create a bar chart of a categorical variable (column: Group.State)  
To.Grade = factor(Group.State)  
summary(Group.State)
```

```
##      Length      Class      Mode  
##      2294 character character
```

```
ggplot(data, aes(x = Group.State)) +  
  geom_bar()
```



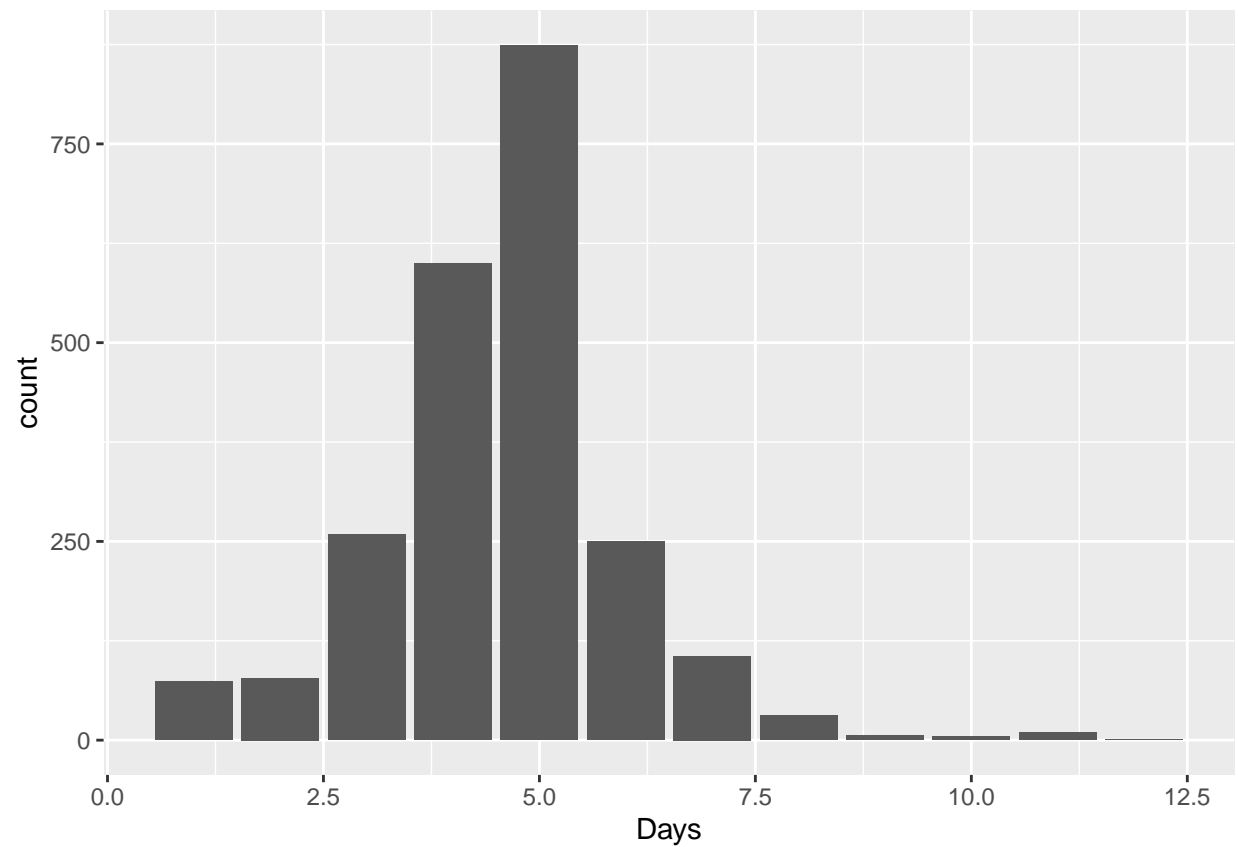
#Create a bar chart of a categorical variable (column: Days)

To.Grade = factor(Days)

summary(Days)

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      1.000   4.000   5.000   4.574   5.000   12.000
```

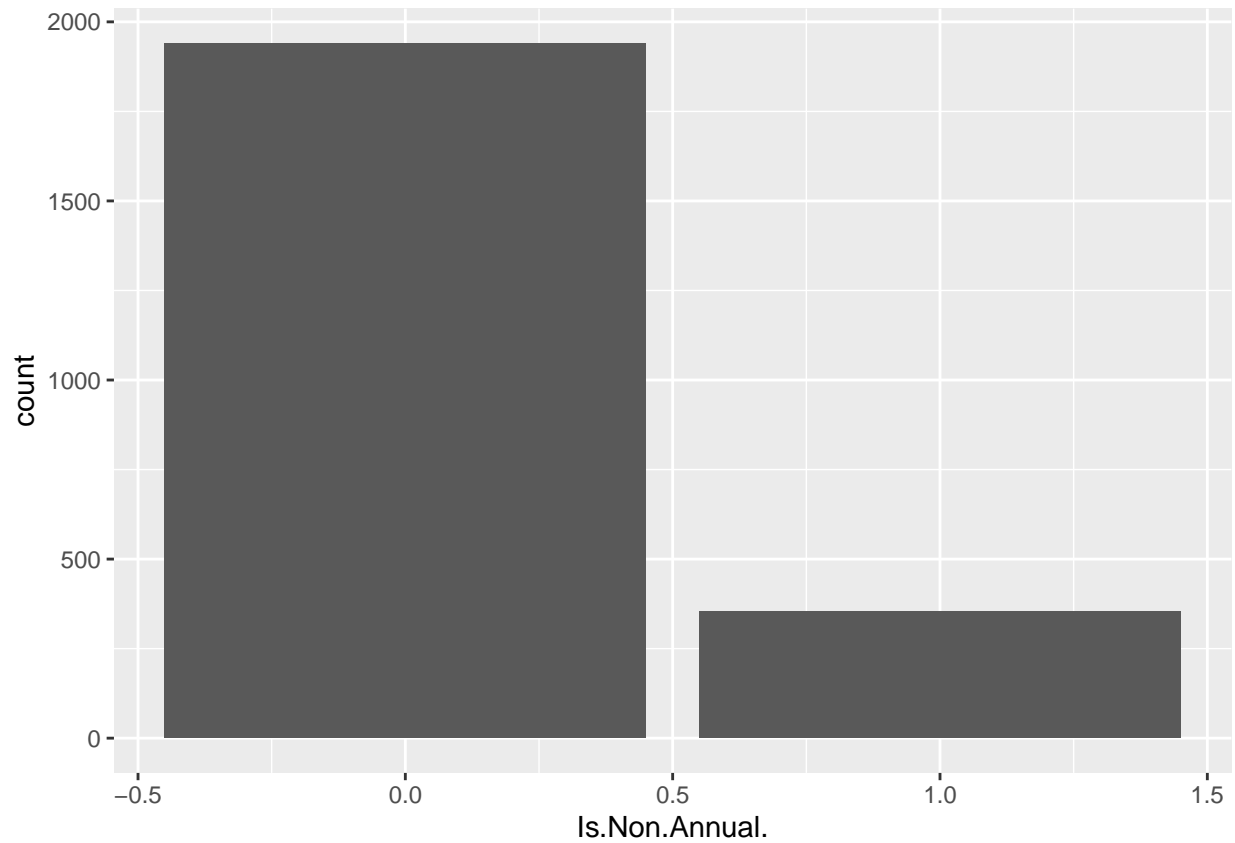
```
ggplot(data, aes(x = Days)) +
  geom_bar()
```



```
#Create a bar chart of a categorical variable (column: Is.Non.Annual.)  
To.Grade = factor(Is.Non.Annual.)  
summary(Is.Non.Annual.)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.  
## 0.0000 0.0000 0.0000 0.1543 0.0000 1.0000
```

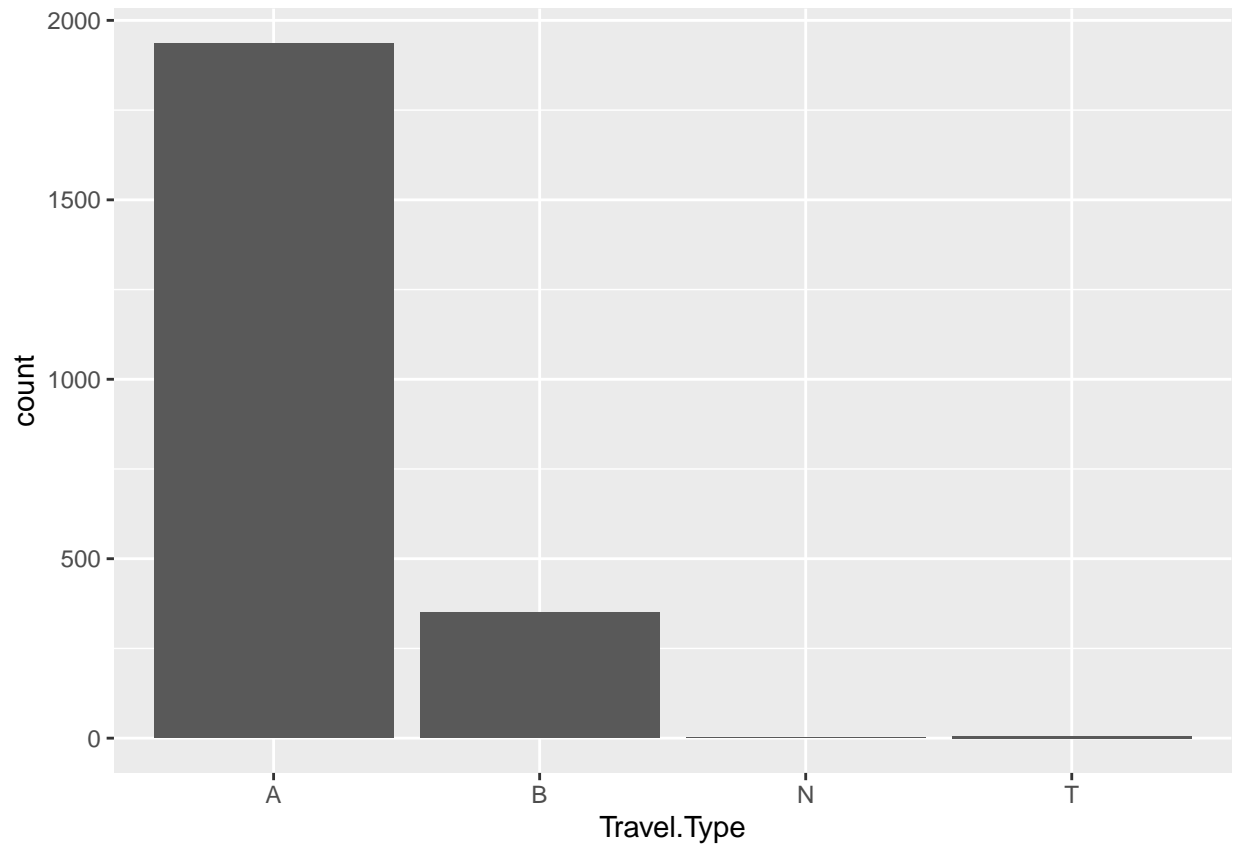
```
ggplot(data, aes(x = Is.Non.Annual.)) +  
  geom_bar()
```



```
#Create a bar chart of a categorical variable (column: Travel.Type)  
To.Grade = factor(Travel.Type)  
summary(Travel.Type)
```

```
##      Length      Class    Mode  
##      2294 character character
```

```
ggplot(data, aes(x = Travel.Type)) +  
  geom_bar()
```

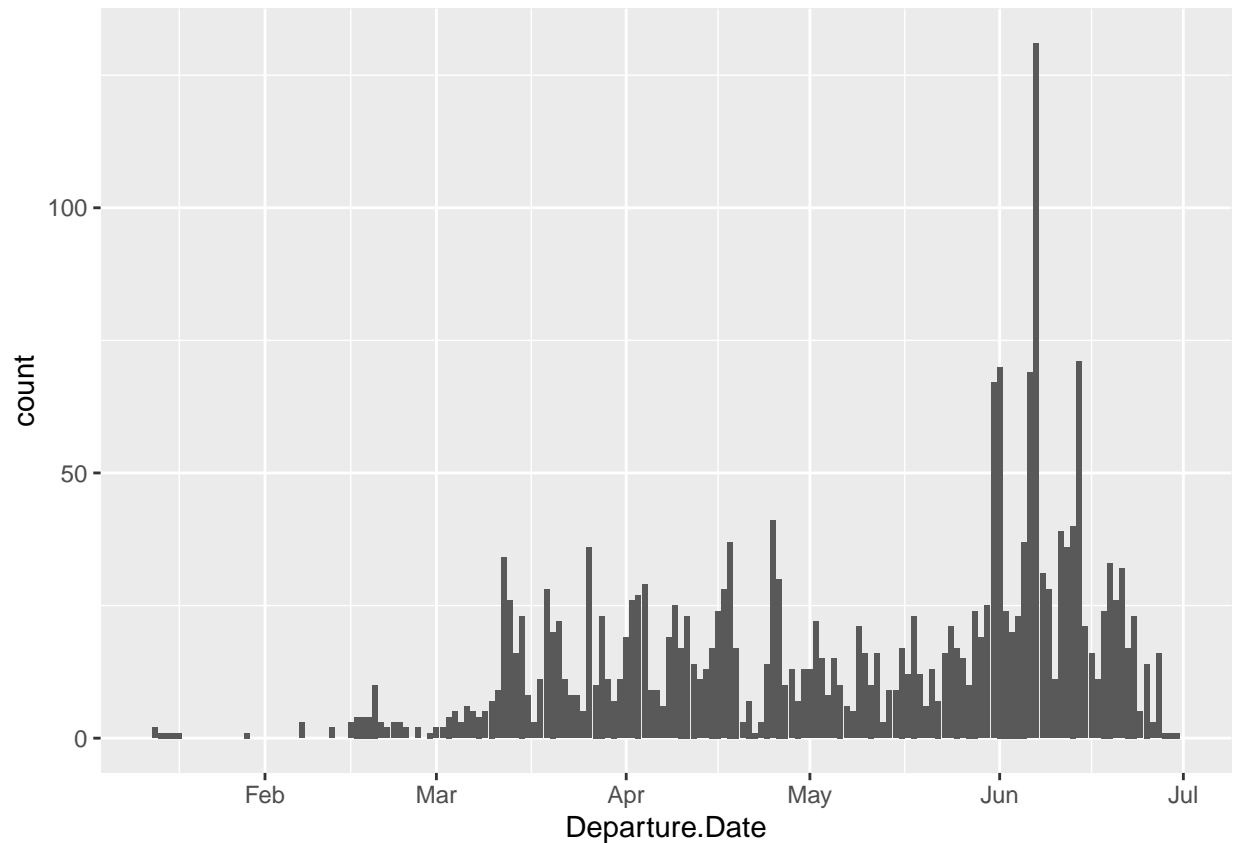


#Create a bar chart of a categorical variable (column: Departure.Date)

```
To.Grade = factor(Departure.Date)
summary(Departure.Date)
```

```
##               Min.              1st Qu.
## "2011-01-14 00:00:00.0000" "2011-04-09 00:00:00.0000"
##               Median             Mean
## "2011-05-18 00:00:00.0000" "2011-05-07 21:43:09.3635"
##               3rd Qu.             Max.
## "2011-06-07 00:00:00.0000" "2011-06-30 00:00:00.0000"
```

```
ggplot(data, aes(x = Departure.Date)) +
  geom_bar()
```



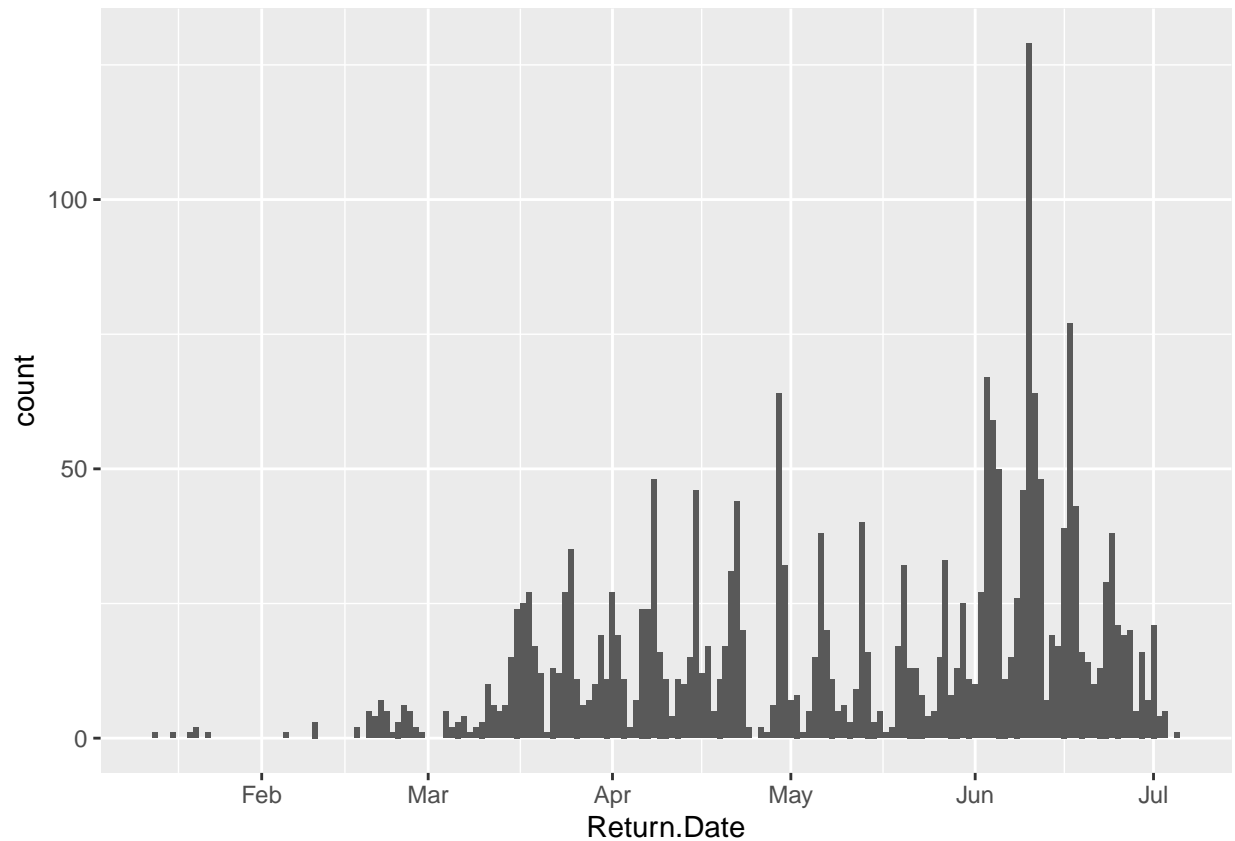
```
#Create a bar chart of a categorical variable (column: Return.Date)
```

```
To.Grade = factor(Return.Date)
```

```
summary(Return.Date)
```

```
##               Min.               1st Qu.
## "2011-01-14 00:00:00.0000" "2011-04-12 06:00:00.0000"
##               Median               Mean
## "2011-05-20 00:00:00.0000" "2011-05-11 15:17:43.9930"
##               3rd Qu.               Max.
## "2011-06-10 00:00:00.0000" "2011-07-05 00:00:00.0000"
```

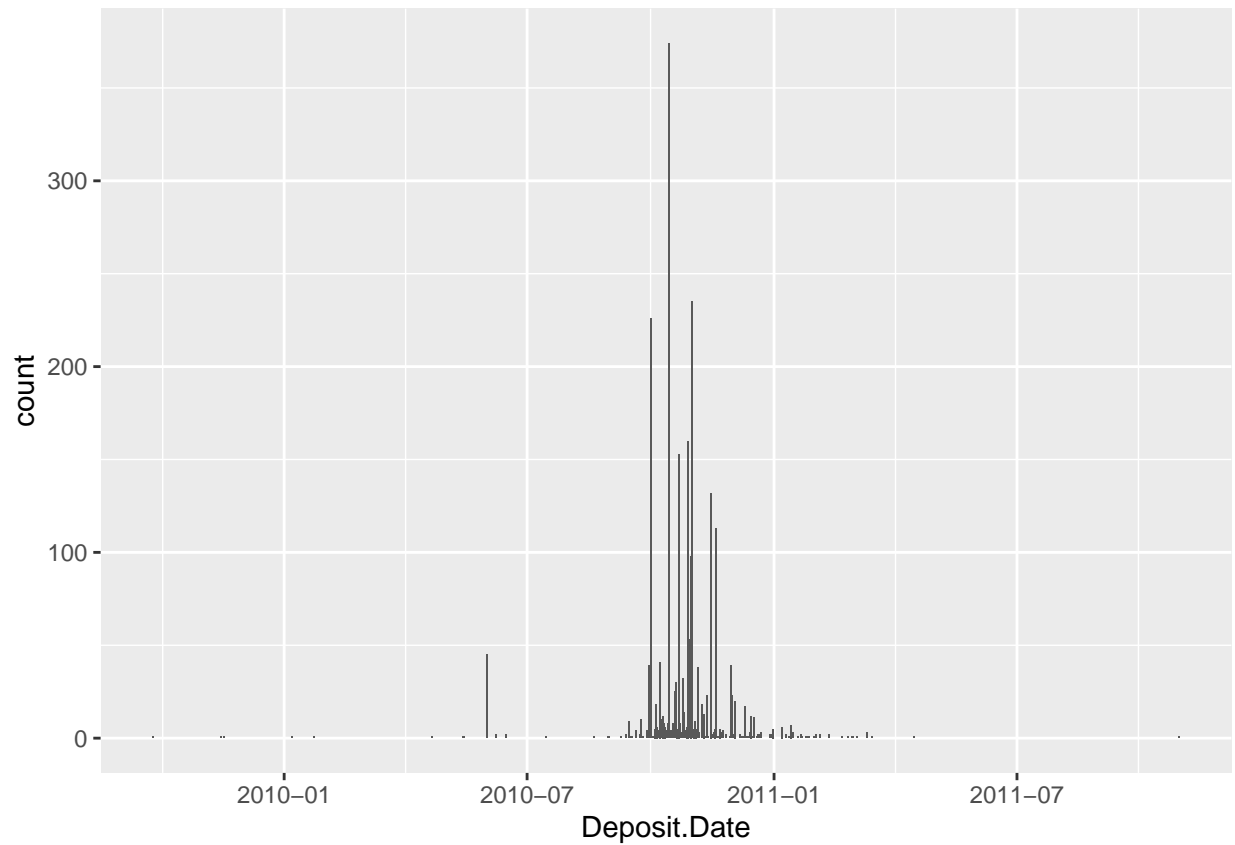
```
ggplot(data, aes(x = Return.Date)) +
  geom_bar()
```



```
#Create a bar chart of a categorical variable (column: Deposit.Date)
To.Grade = factor(Deposit.Date)
summary(Deposit.Date)
```

```
##               Min.               1st Qu.
## "2009-09-25 00:00:00.0000" "2010-10-15 00:00:00.0000"
##               Median               Mean
## "2010-10-26 12:00:00.0000" "2010-10-24 07:07:28.8230"
##               3rd Qu.               Max.
## "2010-11-04 00:00:00.0000" "2011-10-30 00:00:00.0000"
```

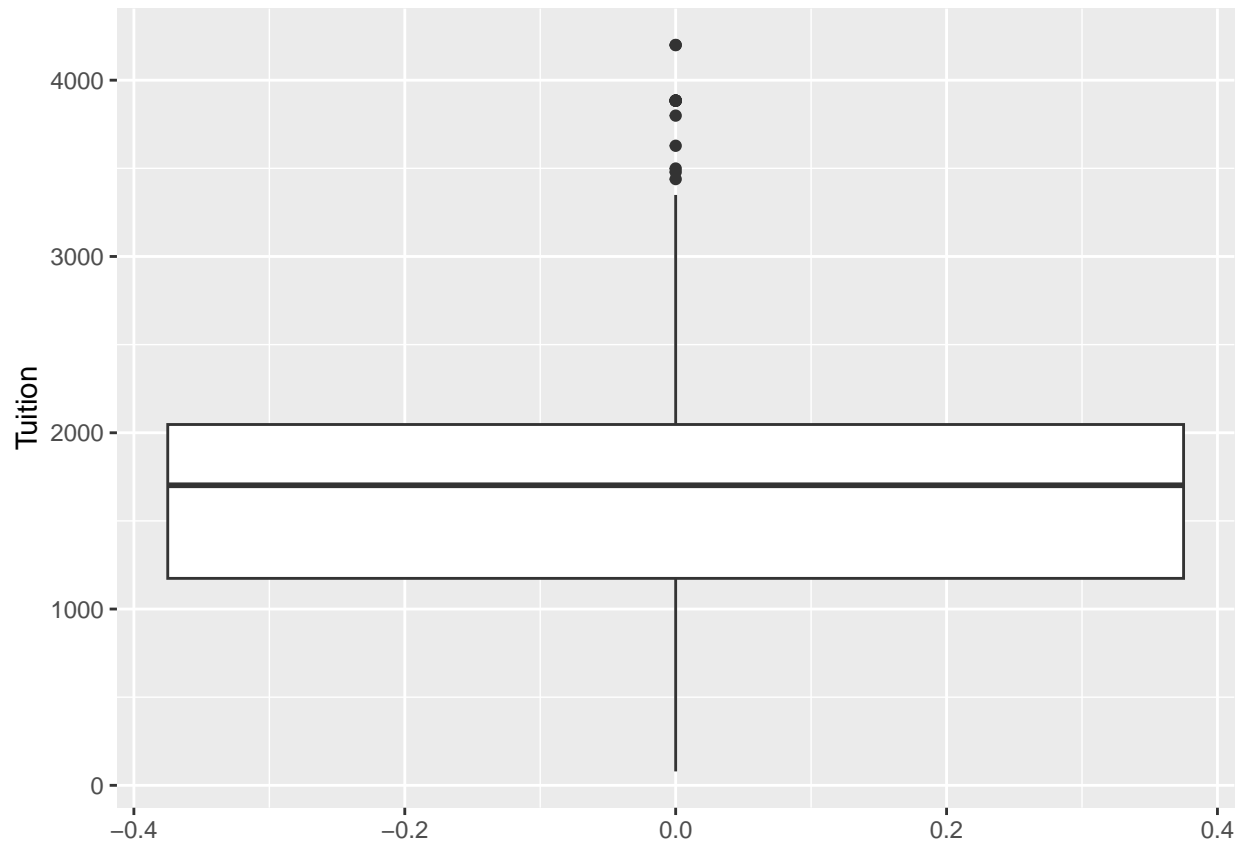
```
ggplot(data, aes(x = Deposit.Date)) +
  geom_bar()
```

```
#Create a box plot of a numerical variable (column: Tuition)  
To.Grade = factor(Tuition)  
summary(Tuition)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   
##       79   1174   1702   1616   2047   4200
```

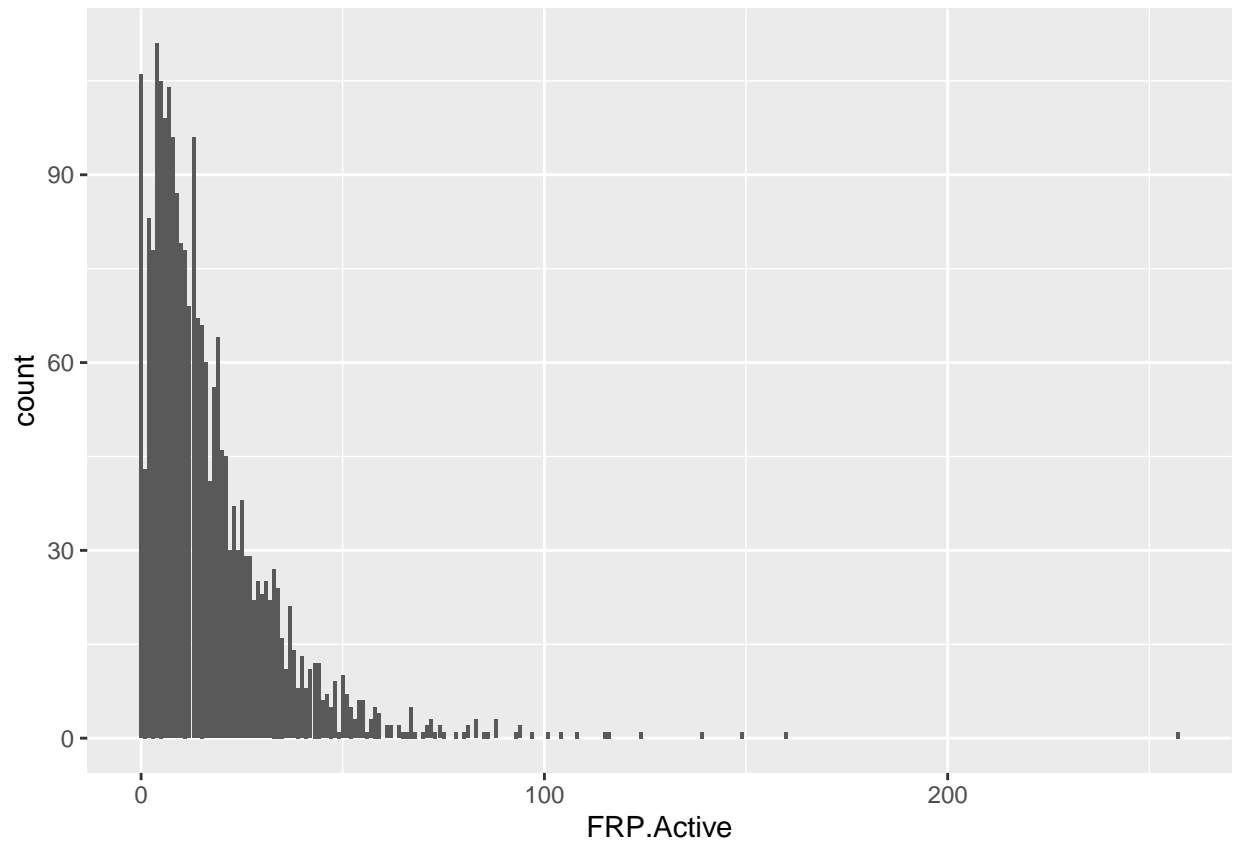
```
ggplot(data, aes(y = Tuition)) +  
  geom_boxplot()
```



```
#Create a bar chart of a categorical variable (column: FRP.Active)
To.Grade = factor(FRP.Active)
summary(FRP.Active)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      0.00   6.00   13.00   16.97   23.00   257.00
```

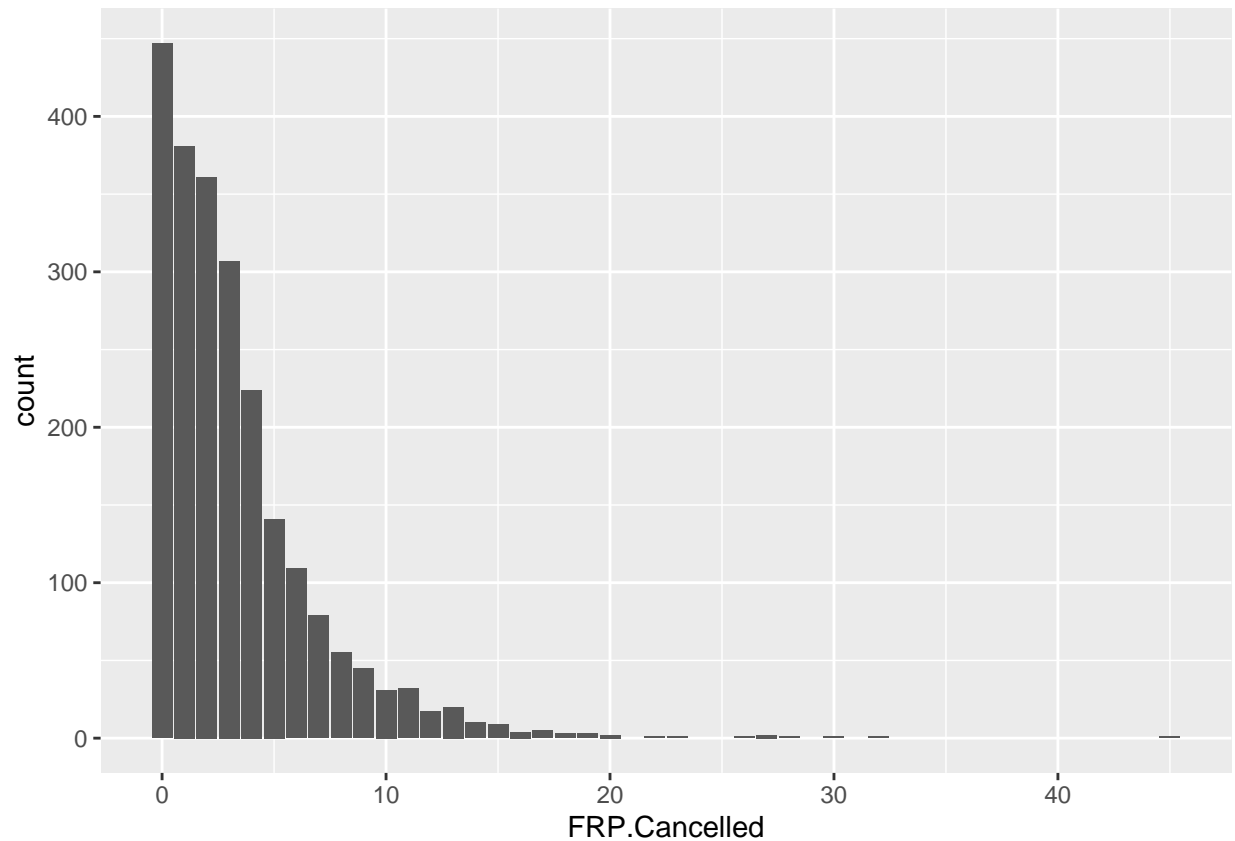
```
ggplot(data, aes(x = FRP.Active)) +
  geom_bar()
```



```
#Create a bar chart of a categorical variable (column: FRP.Cancelled)  
To.Grade = factor(FRP.Cancelled)  
summary(FRP.Cancelled)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   
##      0.00   1.00   2.00   3.33   4.75   45.00
```

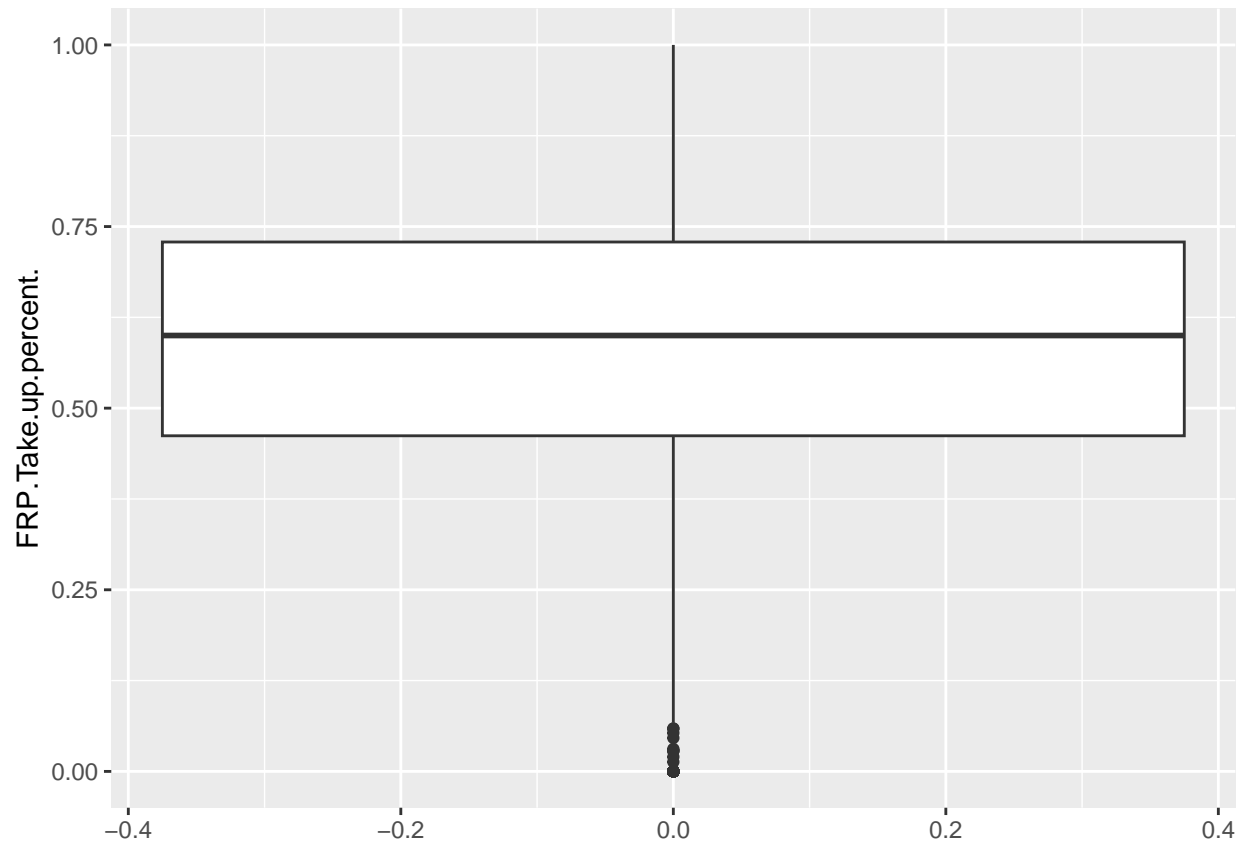
```
ggplot(data, aes(x = FRP.Cancelled)) +  
  geom_bar()
```



```
#Create a box plot of a numerical variable (column: FRP.Take.up.percent.)
To.Grade = factor(FRP.Take.up.percent.)
summary(FRP.Take.up.percent.)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##  0.0000  0.4620   0.6000  0.5750  0.7288  1.0000
```

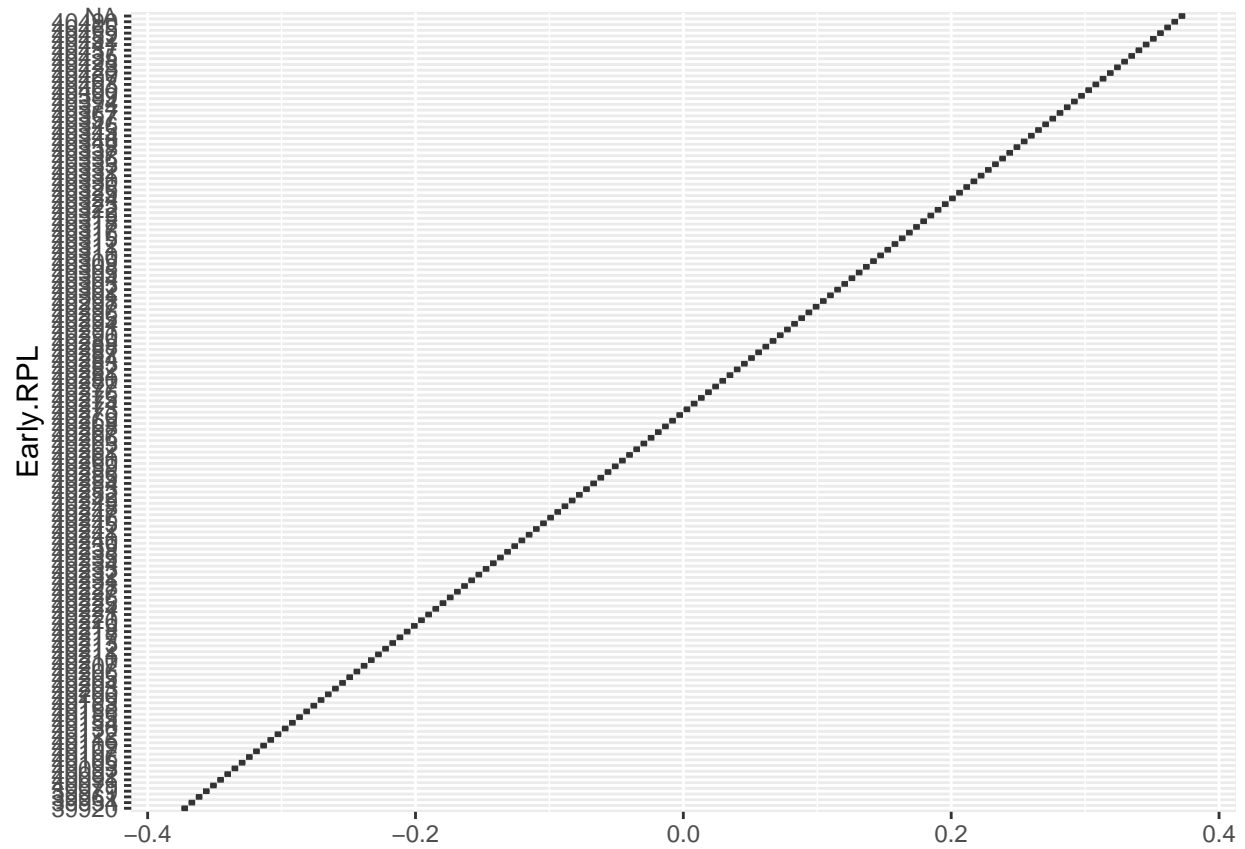
```
ggplot(data, aes(y = FRP.Take.up.percent.)) +
  geom_boxplot()
```



```
#Create a box plot of a numerical variable (column: Early.RPL)  
To.Grade = factor(Early.RPL)  
summary(Early.RPL)
```

```
##      Length      Class      Mode  
##      2294 character character
```

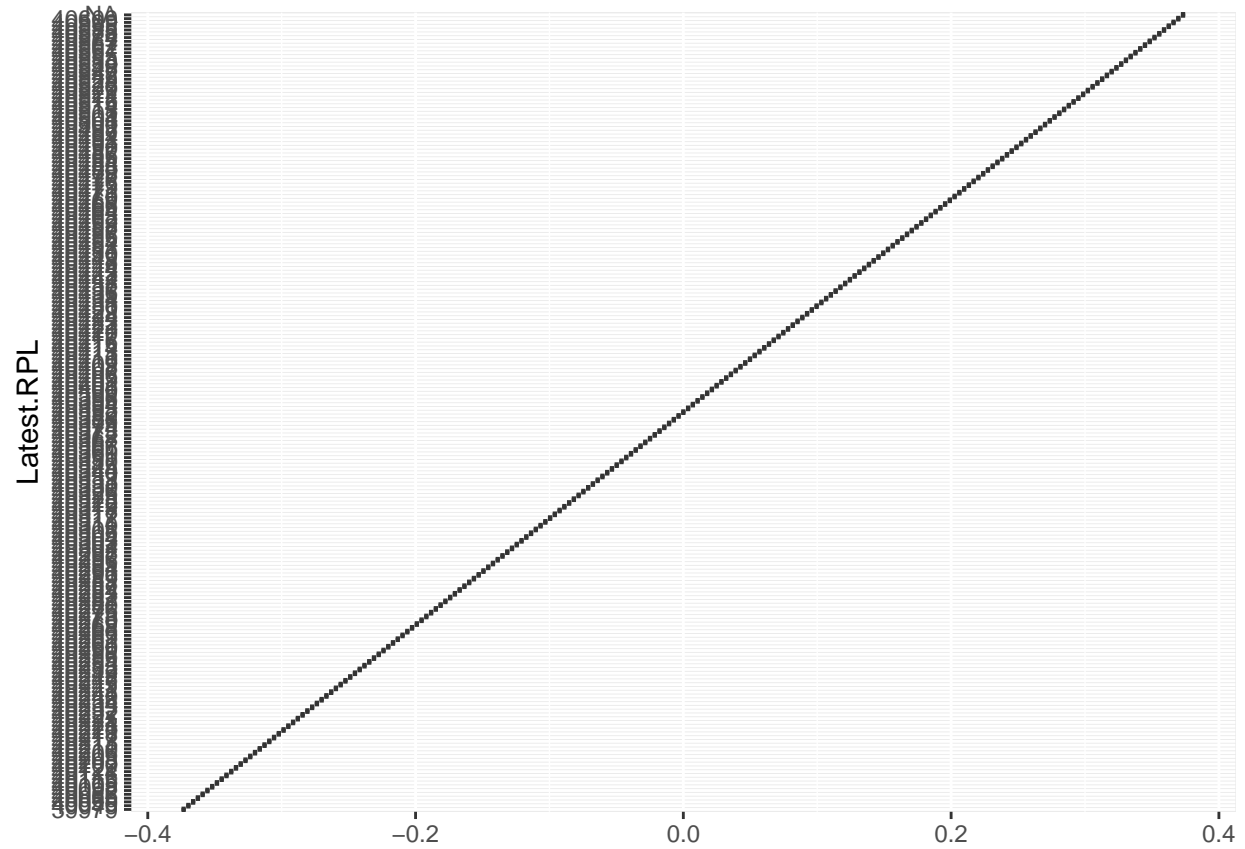
```
ggplot(data, aes(y = Early.RPL)) +  
  geom_boxplot()
```



```
#Create a box plot of a numerical variable (column: Latest.RPL)  
To.Grade = factor(Latest.RPL)  
summary(Latest.RPL)
```

```
##      Length      Class    Mode  
##      2294 character character
```

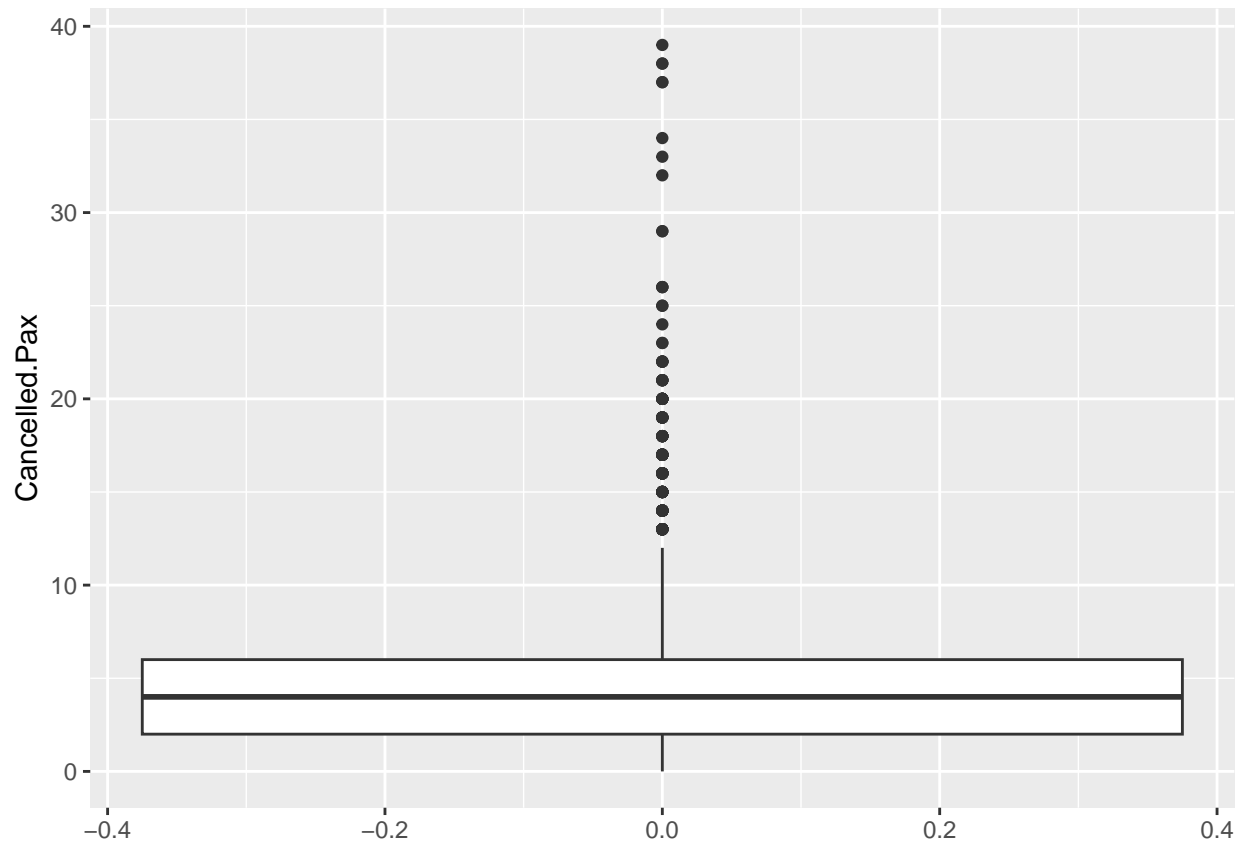
```
ggplot(data, aes(y = Latest.RPL)) +  
  geom_boxplot()
```



```
#Create a box plot of a numerical variable (column: Cancelled.Pax)  
To.Grade = factor(Cancelled.Pax)  
summary(Cancelled.Pax)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.  
##      0.00   2.00   4.00   4.83   6.00   39.00
```

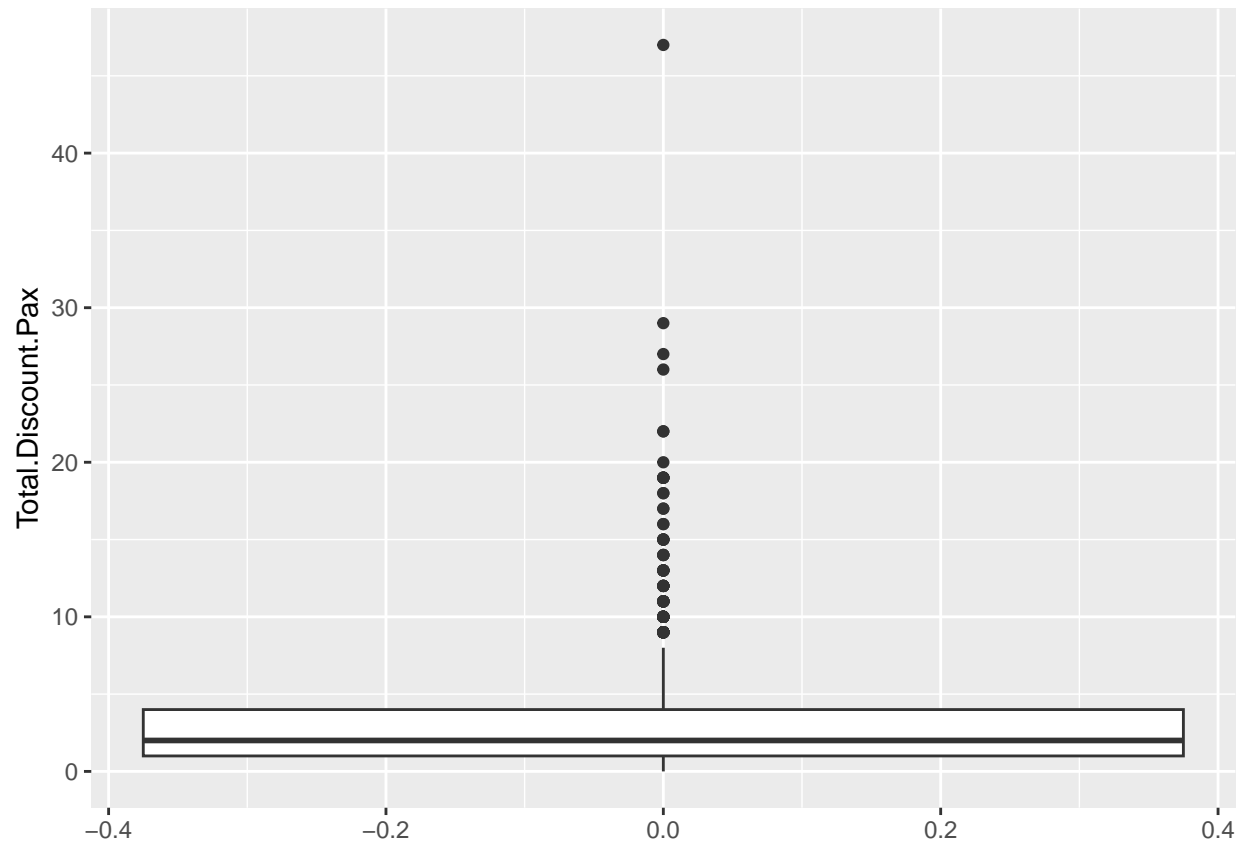
```
ggplot(data, aes(y = Cancelled.Pax)) +  
  geom_boxplot()
```



```
#Create a box plot of a numerical variable (column: Total.Discount.Pax)
To.Grade = factor(Total.Discount.Pax)
summary(Total.Discount.Pax)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      0.000   1.000   2.000   2.964   4.000  47.000
```

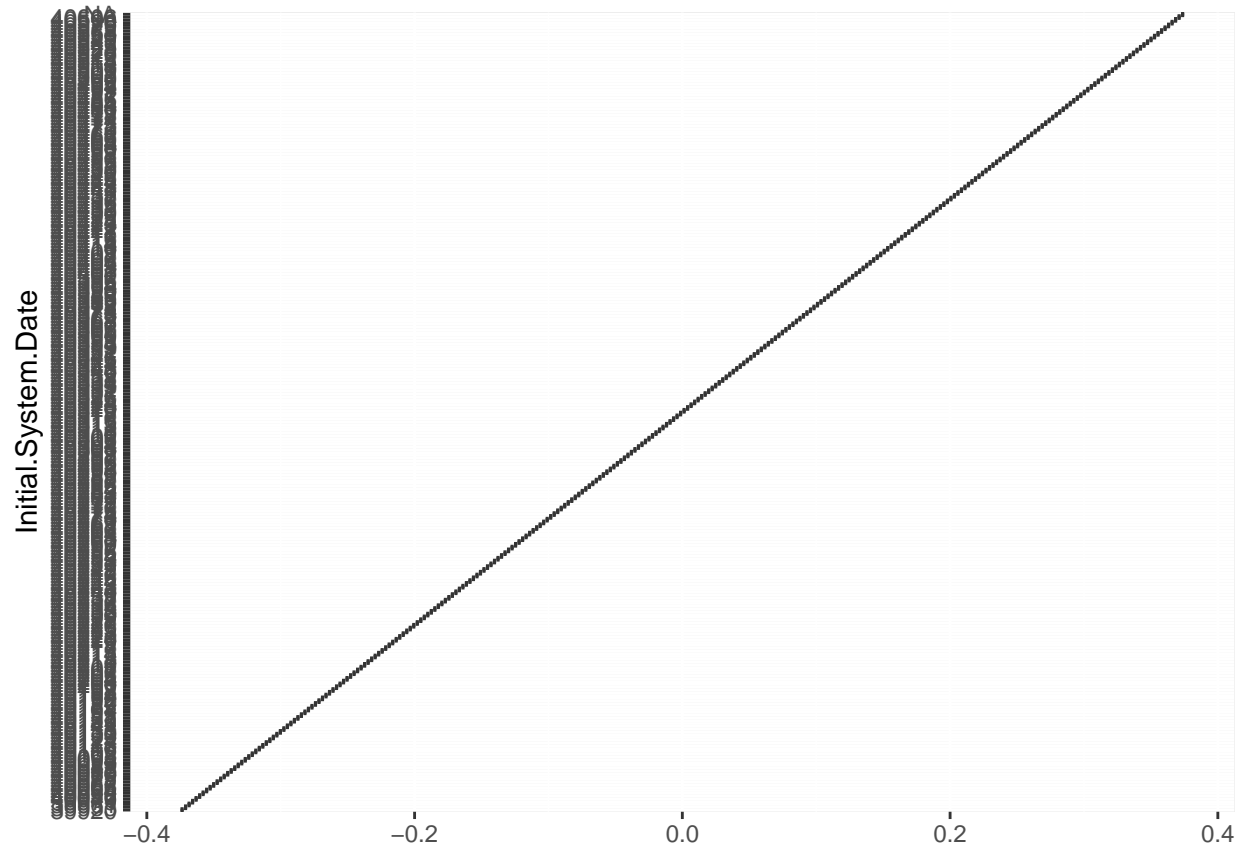
```
ggplot(data, aes(y = Total.Discount.Pax)) +
  geom_boxplot()
```

```
#Create a box plot of a numerical variable (column: Initial.System.Date)
To.Grade = factor(Initial.System.Date)
summary(Initial.System.Date)
```

```
##      Length      Class    Mode
##      2294 character character
```

```
ggplot(data, aes(y = Initial.System.Date)) +
  geom_boxplot()
```



```
#Multi variate EDA
##Following are the 3 types in Multi variate EDA:
###Categorical variable v/s Continuous variable
###Categorical variable v/s Categorical variable
###Continuous variable v/s Continuous variable

#Create box plots of a categorical variable (column: Program.Code)and a continuous variable (column: Tu
by(Tuition, Program.Code, mean)

## Program.Code: CC
## [1] 2298.786
## -----
## Program.Code: CD
## [1] 1676.415
## -----
## Program.Code: CN
## [1] 2116.25
## -----
## Program.Code: CVP
## [1] 495.3333
## -----
## Program.Code: HC
## [1] 2244.996
## -----
## Program.Code: HD
```

```

## [1] 1566.749
## -----
## Program.Code: HF
## [1] 582
## -----
## Program.Code: HG
## [1] 639.6957
## -----
## Program.Code: HH
## [1] 2948
## -----
## Program.Code: HIS
## [1] 136.75
## -----
## Program.Code: HN
## [1] 1951.757
## -----
## Program.Code: HO
## [1] 1760.364
## -----
## Program.Code: HP
## [1] 374
## -----
## Program.Code: HS
## [1] 508.4048
## -----
## Program.Code: HVP
## [1] 452.6667
## -----
## Program.Code: HW
## [1] 1430.625
## -----
## Program.Code: HX
## [1] 1143.667
## -----
## Program.Code: HY
## [1] 903
## -----
## Program.Code: HZ
## [1] 346
## -----
## Program.Code: IC
## [1] 3623.583
## -----
## Program.Code: IK
## [1] 3579
## -----
## Program.Code: SC
## [1] 2505
## -----
## Program.Code: SD
## [1] 2437.75
## -----
## Program.Code: SG

```

```
## [1] 1954
## -----
## Program.Code: SK
## [1] 1908.108
## -----
## Program.Code: SM
## [1] 2135.045
## -----
## Program.Code: ST
## [1] 1747.731
```

```
by(Tuition, Program.Code, median)
```

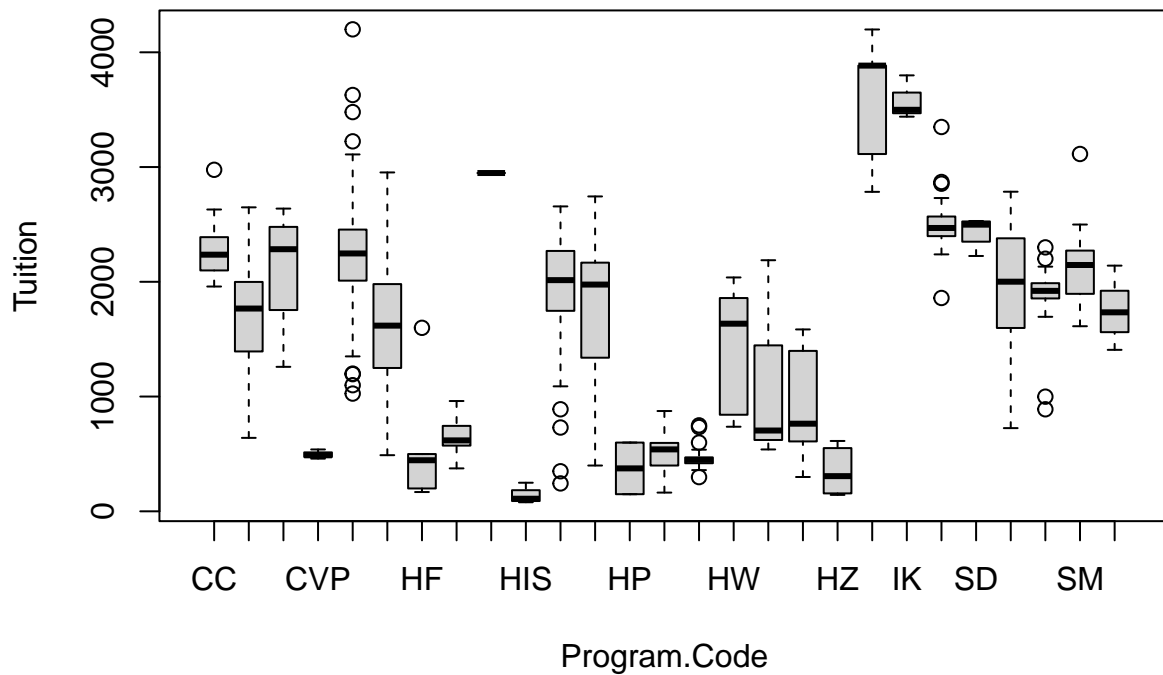
```
## Program.Code: CC
## [1] 2236.5
## -----
## Program.Code: CD
## [1] 1767
## -----
## Program.Code: CN
## [1] 2284
## -----
## Program.Code: CVP
## [1] 488
## -----
## Program.Code: HC
## [1] 2247
## -----
## Program.Code: HD
## [1] 1618
## -----
## Program.Code: HF
## [1] 445
## -----
## Program.Code: HG
## [1] 618
## -----
## Program.Code: HH
## [1] 2948
## -----
## Program.Code: HIS
## [1] 109.5
## -----
## Program.Code: HN
## [1] 2014.5
## -----
## Program.Code: HO
## [1] 1976
## -----
## Program.Code: HP
## [1] 374
## -----
## Program.Code: HS
## [1] 539.5
```

```

## -----
## Program.Code: HVP
## [1] 449
## -----
## Program.Code: HW
## [1] 1635
## -----
## Program.Code: HX
## [1] 704
## -----
## Program.Code: HY
## [1] 763.5
## -----
## Program.Code: HZ
## [1] 306.5
## -----
## Program.Code: IC
## [1] 3884
## -----
## Program.Code: IK
## [1] 3499
## -----
## Program.Code: SC
## [1] 2469
## -----
## Program.Code: SD
## [1] 2498
## -----
## Program.Code: SG
## [1] 2001
## -----
## Program.Code: SK
## [1] 1921
## -----
## Program.Code: SM
## [1] 2146.5
## -----
## Program.Code: ST
## [1] 1734

```

```
boxplot(Tuition~Program.Code)
```



#Create box plots of a categorical variable (column: Region) and a continuous variable (column: Tuition)

```
by(Tuition, Region, mean)
```

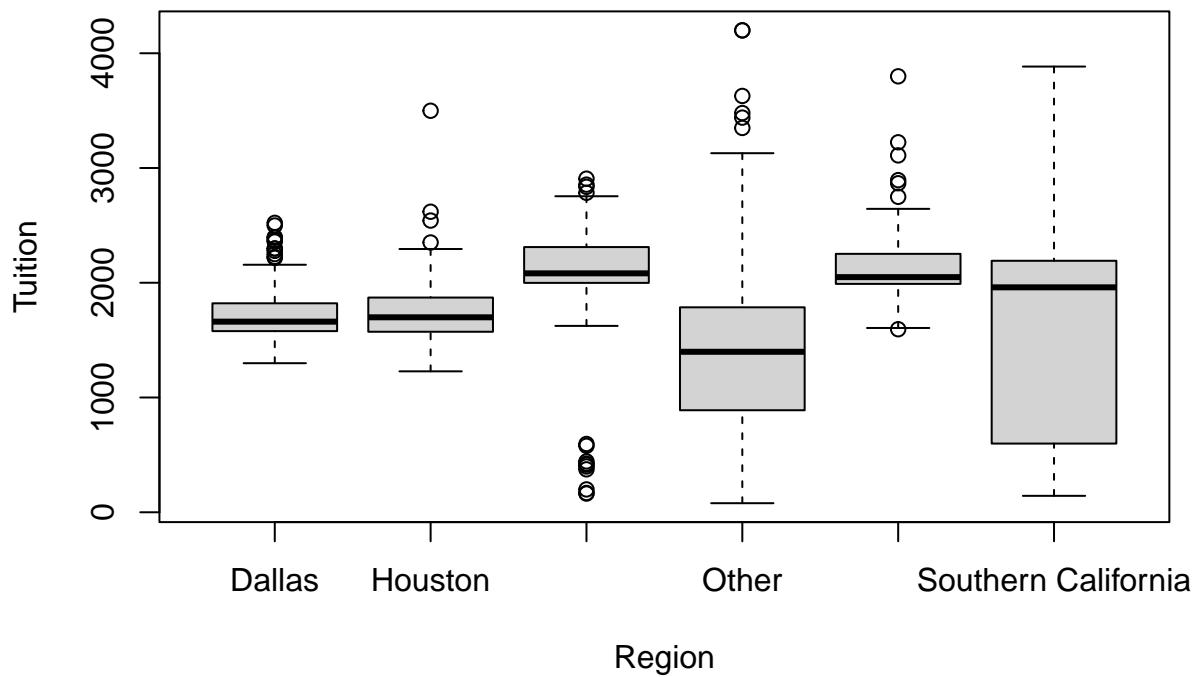
```
## Region: Dallas
## [1] 1734.968
## -----
## Region: Houston
## [1] 1748.423
## -----
## Region: Northern California
## [1] 2089.358
## -----
## Region: Other
## [1] 1385.356
## -----
## Region: Pacific Northwest
## [1] 2137.083
## -----
## Region: Southern California
## [1] 1601.998
```

```
by(Tuition, Region, median)
```

```
## Region: Dallas
```

```
## [1] 1661
## -----
## Region: Houston
## [1] 1699
## -----
## Region: Northern California
## [1] 2082
## -----
## Region: Other
## [1] 1398.5
## -----
## Region: Pacific Northwest
## [1] 2049
## -----
## Region: Southern California
## [1] 1960
```

```
boxplot(Tuition~Region)
```



```
#Create box plots of a categorical variable (column: Program.Code)and a continuous variable (column: Tuition)
```

```
by(FPP, SPR.New.Existing, mean)
```

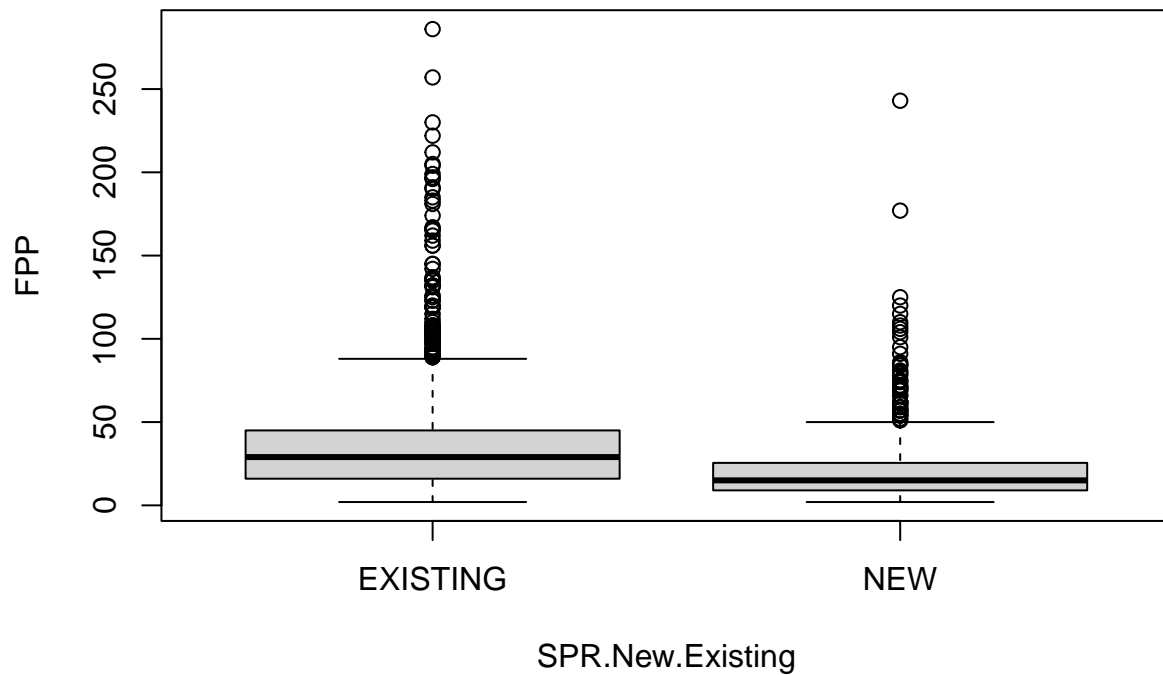
```
## SPR.New.Existing: EXISTING
## [1] 36.09444
```

```
## -----
## SPR.New.Existing: NEW
## [1] 21.24064
```

```
by(FPP, SPR.New.Existing, median)
```

```
## SPR.New.Existing: EXISTING
## [1] 29
## -----
## SPR.New.Existing: NEW
## [1] 15
```

```
boxplot(FPP~SPR.New.Existing)
```



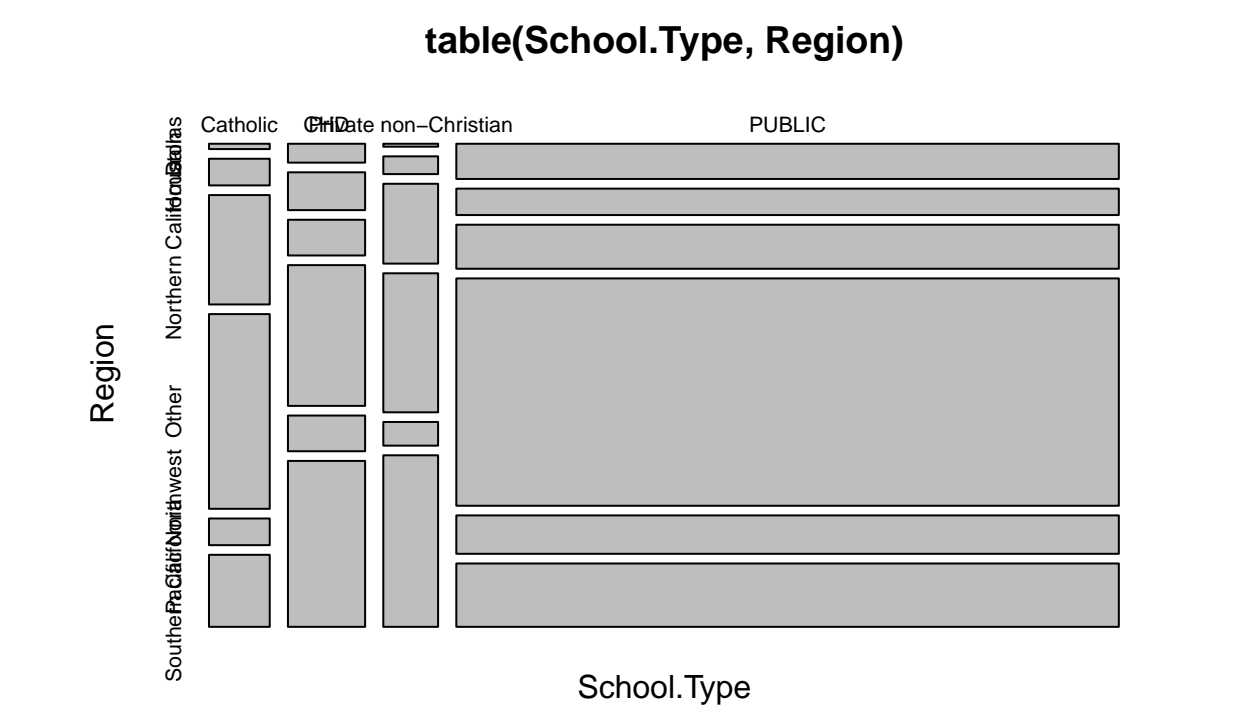
```
#Create a plot of a categorical variable (column: Program.Code) and a categorical variable (column: Tui
table(School.Type, Region)
```

```
##
##      Region
## School.Type  Dallas Houston Northern California Other
## Catholic      2      10             41      73
## CHD           9      18             17      67
## Private non-Christian  1       6             27      47
## PUBLIC       144     108            180     929
##      Region
```



```
## School.Type      Pacific Northwest Southern California
## Catholic          10                27
## CHD                17                79
## Private non-Christian 8                58
## PUBLIC            157               259
```

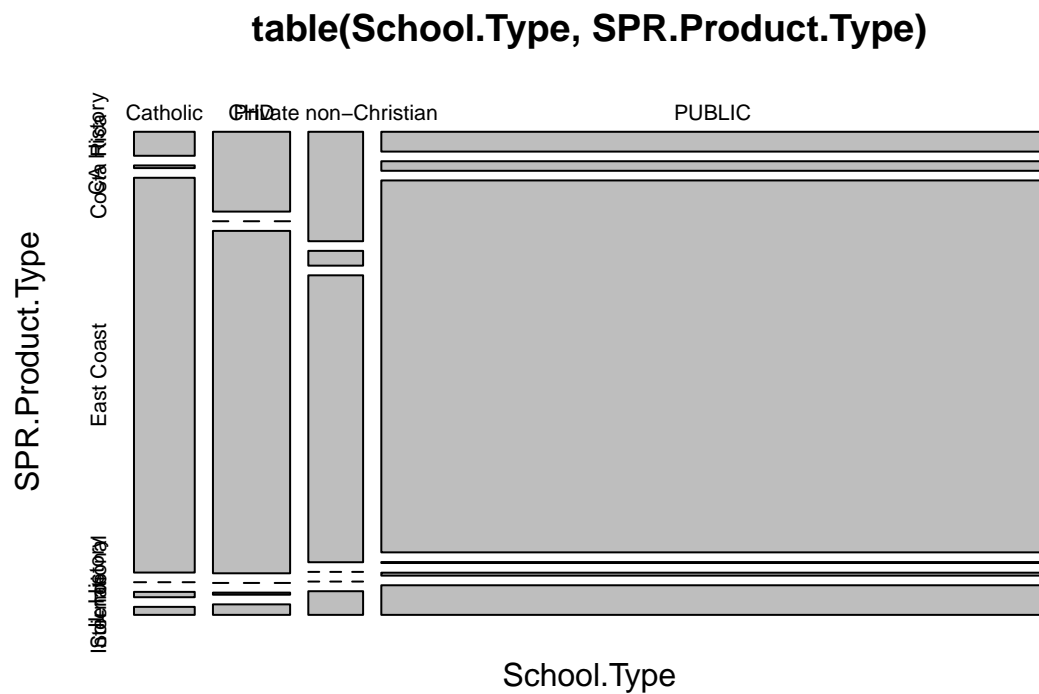
```
plot(table(School.Type, Region))
```



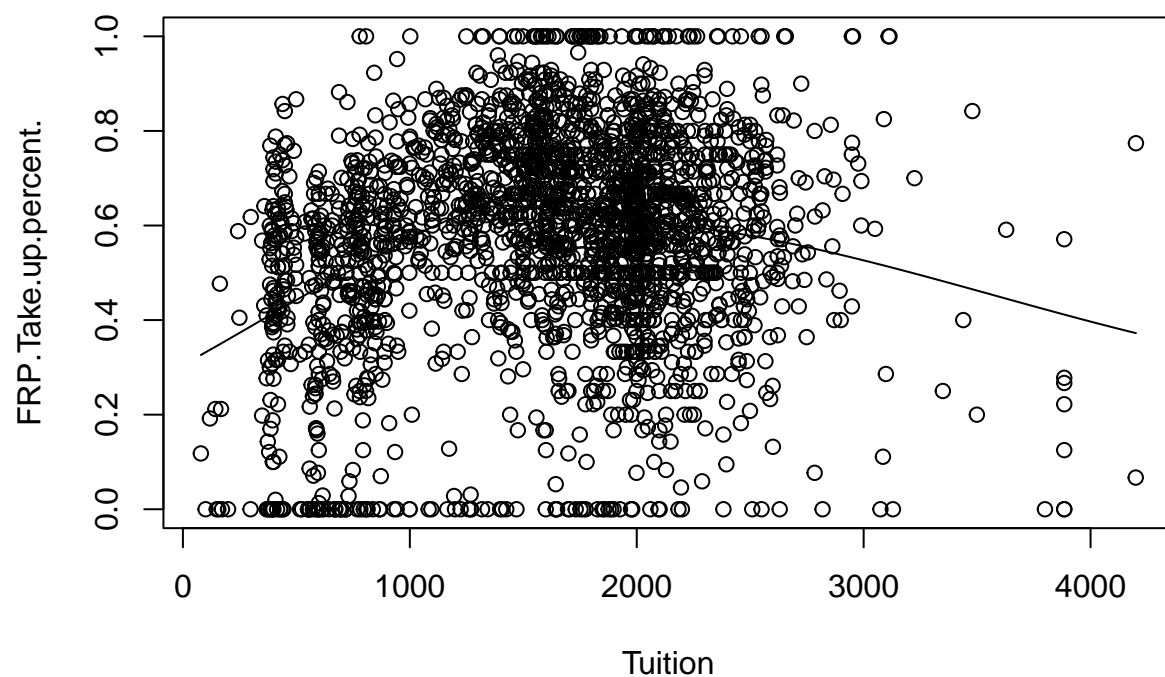
```
#Create a plot of a categorical variable (column: Program.Code) and a categorical variable (column: SPR
table(School.Type, SPR.Product.Type)
```

```
## SPR.Product.Type
## School.Type      CA History Costa Rica East Coast IL History
## Catholic          9            1        148          0
## CHD               38            0        163          0
## Private non-Christian 37          5         97          0
## PUBLIC            81           39       1520          4
## SPR.Product.Type
## School.Type      International Science
## Catholic          2            3
## CHD               1            5
## Private non-Christian 0          8
## PUBLIC           12          121
```

```
plot(table(School.Type, SPR.Product.Type))
```



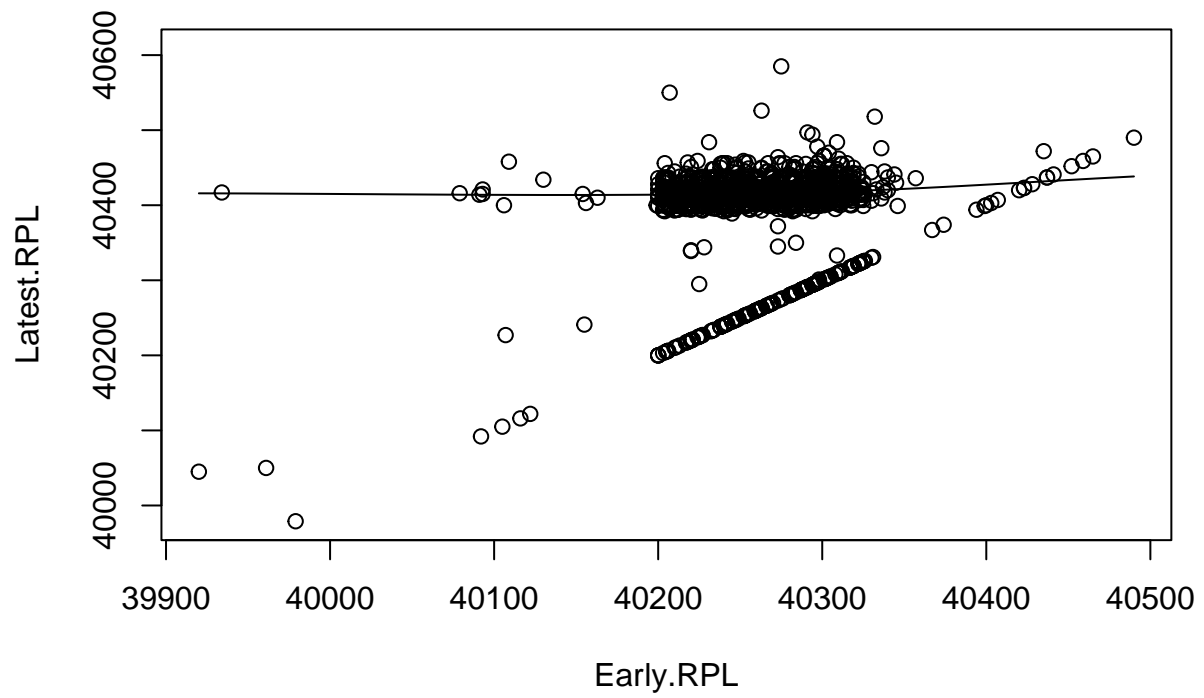
```
#Create a scatter plot of a continuous variable (column: Tuition) and a continuous variable (column: FRP.Take.up.percent.)
scatter.smooth(Tuition, FRP.Take.up.percent.)
```



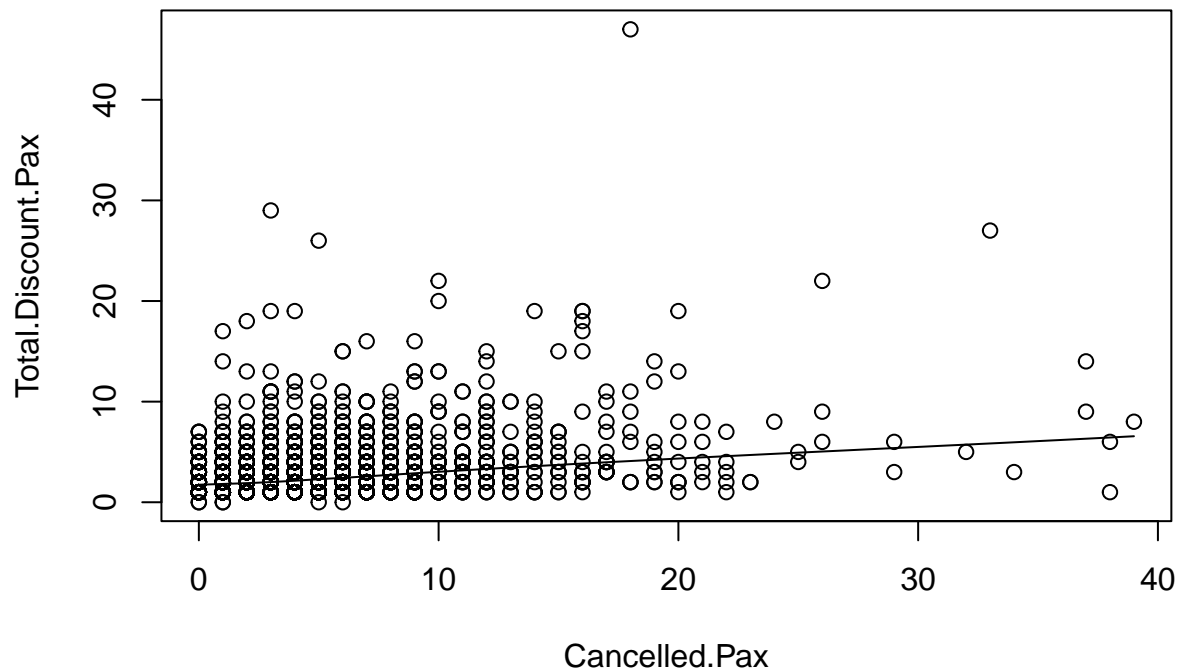
```
#Create a scatter plot of a continuous variable (column: Early.RPL) and a continuous variable (column: Latest.RPL)
scatter.smooth(Early.RPL, Latest.RPL)
```

```
## Warning in xy.coords(x, y, xlabel, ylabel): NAs introduced by coercion
```

```
## Warning in xy.coords(x, y, xlabel, ylabel): NAs introduced by coercion
```



```
#Create a scatter plot of a continuous variable (column: Cancelled.Pax) and a continuous variable (column: Total.Discount.Pax)
scatter.smooth(Cancelled.Pax, Total.Discount.Pax)
```



#By performing Variable selection by EDA we can say that we can remove variables/columns such as:

```
data <- subset(data, select= -ID)
data <- subset(data, select= -FRP.Active)
data <- subset(data, select= -FRP.Cancelled)
data <- subset(data, select= -FirstMeeting)
data <- subset(data, select= -LastMeeting)
data <- subset(data, select= -DifferenceTraveltoFirstMeeting)
data <- subset(data, select= -DifferenceTraveltoLastMeeting)
data <- subset(data, select= -SchoolGradeType)
data <- subset(data, select= -GroupGradeType)
head(data)
```

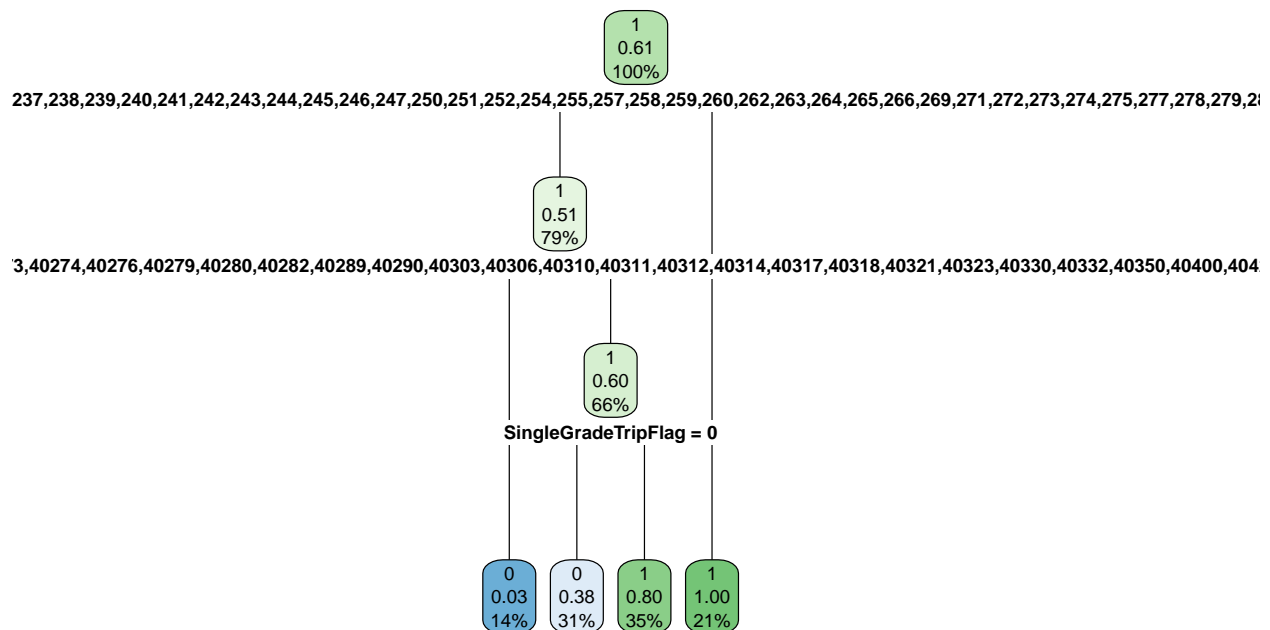
```
## # A tibble: 6 x 45
##   Program.Code From~1 To.Gr~2 Group~3 Is.No~4 Days Trave~5 Departure.Date
##   <chr>         <chr>    <chr>    <chr>    <dbl> <dbl> <chr>    <dtm>
## 1 HS           4        4        CA        0     1 A      2011-01-14 00:00:00
## 2 HC           8        8        AZ        0     7 A      2011-01-14 00:00:00
## 3 HD           8        8        FL        0     3 A      2011-01-15 00:00:00
## 4 HD           6        8        FL        0     6 T      2011-01-16 00:00:00
## 5 HC          10       12        LA        0     4 A      2011-01-17 00:00:00
## 6 SG          11       12        MA        1     6 A      2011-01-18 00:00:00
## # ... with 37 more variables: Return.Date <dtm>, Deposit.Date <dtm>,
## #   Tuition <dbl>, FRP.Take.up.percent. <dbl>, Early.RPL <chr>,
## #   Latest.RPL <chr>, Cancelled.Pax <dbl>, Total.Discout.Pax <dbl>,
## #   Initial.System.Date <chr>, Region <chr>, CRM.Segment <dbl>,
## #   School.Type <chr>, Parent.Meeting.Flag <dbl>, MDR.Low.Grade <chr>,
```

```
## #   MDR.High.Grade <chr>, Total.School.Enrollment <dbl>, Income.Level <chr>,
## #   EZ.Pay.Take.Up.Rate <dbl>, School.Sponsor <dbl>, ...
```

****Part 3 Constructing predictive model****

```
```r
#Constructing Decision Tree
library(caret)
library(rpart)
library(rpart.plot)
set.seed(123)
indx <- sample(2,nrow(HW4), replace = T, prob = c(0.7,0.3))
train_data <- HW4[indx == 1,]
test_data <- HW4[indx == 2,]
Convert categorical variables in test dataset to factors with same levels as in training dataset
test_data$Group.State <- factor(test_data$Group.State, levels = levels(train_data$Group.State))
test_data$Early.RPL <- factor(test_data$Early.RPL, levels = levels(train_data$Early.RPL))
test_data$Latest.RPL <- factor(test_data$Latest.RPL, levels = levels(train_data$Latest.RPL))
test_data$Initial.System.Date <- factor(test_data$Initial.System.Date, levels = levels(train_data$Initial.System.Date))
test_data$To.Grade <- factor(test_data$To.Grade, levels = levels(train_data$To.Grade))

Dt_model <- rpart(Retained.in.2012. ~ ., data = test_data, method = "class", control = rpart.control(minsplit = 10))
rpart.plot(Dt_model)
```









```
##
Node number 11: 239 observations
predicted class=1 expected loss=0.1966527 P(node) =0.3509545
class counts: 47 192
probabilities: 0.197 0.803
```

```
min_cp_i <- which.min(Dt_model$cptable[, 'xerror'])
optCP <- Dt_model$cptable[min_cp_i, "CP"]
optCP
```

```
[1] 0.1
```

```
#Constructing Random Forest
library(randomForest)
```

```
randomForest 4.7-1.1
```

```
Type rfNews() to see new features/changes/bug fixes.
```

```
##
Attaching package: 'randomForest'
```

```
The following object is masked from 'package:dplyr':
##
combine
```

```
The following object is masked from 'package:ggplot2':
##
margin
```

```
Fit the random forest model
rf <- randomForest(Retained.in.2012. ~ ., data = train_data, ntree = 500, mtry = 7, proximity = TRUE, importance = TRUE)
```

```
Warning in randomForest.default(m, y, ...): The response has five or fewer
unique values. Are you sure you want to do regression?
```

```
Print the importance of each variable
rf_pred <- predict(rf, newdata = train_data)
mse_rf <- mean((test_data$Retained.in.2012. - rf_pred) ^ 2)
```

```
Warning in test_data$Retained.in.2012. - rf_pred: longer object length is not a
multiple of shorter object length
```

```
print(mse_rf)
```

```
[1] 0.3665399
```

```
print(rf)
```

```
##
Call:
randomForest(formula = Retained.in.2012. ~ ., data = train_data, ntree = 500, mtry = 7, proxim
Type of random forest: regression
Number of trees: 500
No. of variables tried at each split: 7
##
Mean of squared residuals: 0.1437413
% Var explained: 39.75
```

```
rf$proximity
```

```
1 2 3 4 5 6
1 1.00000000 0.06153846 0.00000000 0.01408451 0.11666667 0.05633803
2 0.06153846 1.00000000 0.00000000 0.11688312 0.14084507 0.18309859
3 0.00000000 0.00000000 1.00000000 0.01369863 0.00000000 0.00000000
4 0.01408451 0.11688312 0.01369863 1.00000000 0.19277108 0.29487179
5 0.11666667 0.14084507 0.00000000 0.19277108 1.00000000 0.16000000
6 0.05633803 0.18309859 0.00000000 0.29487179 0.16000000 1.00000000
7 0.09589041 0.28395062 0.00000000 0.19767442 0.17073171 0.28787879
8 0.06172840 0.18181818 0.00000000 0.06410256 0.06666667 0.10588235
9 0.11940299 0.07352941 0.00000000 0.07462687 0.08064516 0.08450704
10 0.00000000 0.03225806 0.00000000 0.00000000 0.00000000 0.00000000
11 0.01538462 0.04545455 0.00000000 0.05714286 0.05405405 0.04477612
12 0.07692308 0.15476190 0.00000000 0.13924051 0.29487179 0.40259740
13 0.00000000 0.00000000 0.13636364 0.00000000 0.00000000 0.00000000
14 0.04545455 0.06451613 0.00000000 0.13793103 0.22641509 0.17391304
15 0.00000000 0.03846154 0.00000000 0.00000000 0.01190476 0.01190476
16 0.05633803 0.08974359 0.00000000 0.02857143 0.15151515 0.08974359
17 0.12121212 0.10937500 0.00000000 0.10144928 0.24657534 0.11688312
18 0.01492537 0.03125000 0.00000000 0.02941176 0.01470588 0.10294118
19 0.00000000 0.01408451 0.01250000 0.00000000 0.00000000 0.00000000
20 0.01219512 0.01369863 0.00000000 0.01162791 0.01282051 0.02564103
21 0.03125000 0.28571429 0.00000000 0.16071429 0.12328767 0.25373134
22 0.05555556 0.10447761 0.00000000 0.08571429 0.07017544 0.08620690
23 0.06779661 0.18840580 0.00000000 0.16901408 0.30263158 0.28985507
24 0.01612903 0.04761905 0.02857143 0.09722222 0.09090909 0.11842105
25 0.04545455 0.10389610 0.00000000 0.05494505 0.06410256 0.01315789
26 0.01538462 0.02739726 0.00000000 0.03896104 0.06172840 0.05970149
27 0.01851852 0.03448276 0.00000000 0.04285714 0.04477612 0.15517241
28 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000
29 0.01639344 0.12000000 0.00000000 0.08219178 0.08064516 0.08333333
30 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000
31 0.00000000 0.02739726 0.00000000 0.01250000 0.00000000 0.01282051
32 0.01492537 0.00000000 0.00000000 0.00000000 0.00000000 0.01333333
33 0.04347826 0.10447761 0.00000000 0.07352941 0.09090909 0.16417910
34 0.01587302 0.07692308 0.00000000 0.06756757 0.05405405 0.10294118
35 0.05660377 0.16923077 0.00000000 0.09230769 0.15873016 0.17391304
36 0.01639344 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000
37 0.00000000 0.01470588 0.02857143 0.00000000 0.00000000 0.00000000
```

## 38	0.05128205	0.09090909	0.00000000	0.08974359	0.15384615	0.22388060
## 39	0.07042254	0.12121212	0.00000000	0.08823529	0.16666667	0.13333333
## 40	0.01492537	0.00000000	0.05194805	0.00000000	0.01515152	0.02469136
## 41	0.07246377	0.19117647	0.00000000	0.11111111	0.24285714	0.11111111
## 42	0.01538462	0.14705882	0.00000000	0.02898551	0.23076923	0.11764706
## 43	0.00000000	0.00000000	0.11688312	0.00000000	0.00000000	0.00000000
## 44	0.03278689	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 45	0.04838710	0.04687500	0.00000000	0.03846154	0.08219178	0.07142857
## 46	0.05714286	0.08064516	0.00000000	0.10769231	0.16417910	0.14035088
## 47	0.03278689	0.07812500	0.01408451	0.08000000	0.13559322	0.06666667
## 48	0.00000000	0.23333333	0.00000000	0.07246377	0.05714286	0.14492754
## 49	0.03125000	0.08620690	0.00000000	0.05714286	0.08695652	0.07462687
## 50	0.05633803	0.12500000	0.00000000	0.11842105	0.14084507	0.12820513
## 51	0.02941176	0.11666667	0.00000000	0.22972973	0.16417910	0.25373134
## 52	0.00000000	0.00000000	0.01351351	0.04054054	0.00000000	0.00000000
## 53	0.00000000	0.01492537	0.00000000	0.02857143	0.00000000	0.03703704
## 54	0.00000000	0.05357143	0.00000000	0.24242424	0.17142857	0.18055556
## 55	0.01562500	0.01612903	0.01587302	0.01694915	0.01587302	0.01587302
## 56	0.02777778	0.09722222	0.00000000	0.16666667	0.23287671	0.30882353
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01351351	0.05084746	0.00000000	0.00000000	0.00000000	0.01428571
## 59	0.00000000	0.03333333	0.01408451	0.00000000	0.01234568	0.01282051
## 60	0.04687500	0.02040816	0.01449275	0.01612903	0.06060606	0.03508772
## 61	0.00000000	0.00000000	0.04166667	0.00000000	0.00000000	0.00000000
##	7	8	9	10	11	12
## 1	0.09589041	0.061728395	0.11940299	0.00000000	0.01538462	0.07692308
## 2	0.28395062	0.181818182	0.07352941	0.03225806	0.04545455	0.15476190
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.19767442	0.064102564	0.07462687	0.00000000	0.05714286	0.13924051
## 5	0.17073171	0.066666667	0.08064516	0.00000000	0.05405405	0.29487179
## 6	0.28787879	0.105882353	0.08450704	0.00000000	0.04477612	0.40259740
## 7	1.00000000	0.351063830	0.18750000	0.01298701	0.06329114	0.21739130
## 8	0.35106383	1.00000000	0.45000000	0.04285714	0.03846154	0.11250000
## 9	0.18750000	0.45000000	1.00000000	0.04761905	0.02777778	0.07317073
## 10	0.01298701	0.042857143	0.04761905	1.00000000	0.00000000	0.00000000
## 11	0.06329114	0.038461538	0.02777778	0.00000000	1.00000000	0.02352941
## 12	0.21739130	0.11250000	0.07317073	0.00000000	0.02352941	1.00000000
## 13	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000
## 14	0.22058824	0.202898551	0.05882353	0.00000000	0.09722222	0.34666667
## 15	0.00000000	0.00000000	0.00000000	0.09722222	0.00000000	0.00000000
## 16	0.07500000	0.068493151	0.04411765	0.01562500	0.01515152	0.21250000
## 17	0.21250000	0.195402299	0.10294118	0.01428571	0.07352941	0.30303030
## 18	0.07246377	0.053333333	0.01639344	0.00000000	0.06060606	0.14084507
## 19	0.00000000	0.00000000	0.01492537	0.01492537	0.00000000	0.00000000
## 20	0.02739726	0.012195122	0.04411765	0.01351351	0.00000000	0.01136364
## 21	0.35443038	0.223880597	0.14516129	0.02985075	0.04615385	0.25974026
## 22	0.08750000	0.054794521	0.02985075	0.00000000	0.07692308	0.18604651
## 23	0.35632184	0.106060606	0.06153846	0.03448276	0.07812500	0.32467532
## 24	0.05333333	0.012820513	0.01315789	0.00000000	0.01388889	0.11111111
## 25	0.06493506	0.083333333	0.02941176	0.01449275	0.09589041	0.07058824
## 26	0.05633803	0.00000000	0.01886792	0.00000000	0.00000000	0.05405405
## 27	0.07142857	0.108108108	0.21538462	0.01923077	0.02941176	0.04918033
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403	0.00000000
## 29	0.03703704	0.025974026	0.08196721	0.00000000	0.00000000	0.03030303

## 30	0.00000000	0.00000000	0.00000000	0.06349206	0.00000000	0.00000000
## 31	0.00000000	0.025641026	0.00000000	0.10447761	0.00000000	0.00000000
## 32	0.00000000	0.025000000	0.06250000	0.03174603	0.00000000	0.01369863
## 33	0.05882353	0.064102564	0.03076923	0.00000000	0.12000000	0.15384615
## 34	0.06666667	0.026315789	0.03571429	0.00000000	0.02898551	0.16666667
## 35	0.14285714	0.180327869	0.12500000	0.00000000	0.07692308	0.16393443
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 38	0.25000000	0.15000000	0.07812500	0.00000000	0.02500000	0.21250000
## 39	0.18666667	0.177215190	0.14705882	0.00000000	0.03030303	0.29850746
## 40	0.00000000	0.013698630	0.00000000	0.00000000	0.00000000	0.01111111
## 41	0.17500000	0.144927536	0.07812500	0.01515152	0.05882353	0.22368421
## 42	0.15000000	0.105263158	0.05714286	0.00000000	0.00000000	0.20000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000
## 44	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 45	0.06410256	0.068493151	0.04477612	0.00000000	0.04545455	0.11594203
## 46	0.14473684	0.102941176	0.01538462	0.00000000	0.10447761	0.25974026
## 47	0.24050633	0.166666667	0.16129032	0.01754386	0.06153846	0.18918919
## 48	0.28571429	0.193548387	0.12676056	0.00000000	0.04166667	0.11842105
## 49	0.12987013	0.121212121	0.07692308	0.01562500	0.04615385	0.09459459
## 50	0.08571429	0.054054054	0.03278689	0.00000000	0.01470588	0.21917808
## 51	0.17647059	0.078125000	0.03076923	0.01515152	0.05797101	0.22727273
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 53	0.05405405	0.025316456	0.04615385	0.15151515	0.01639344	0.02409639
## 54	0.30136986	0.059701493	0.13559322	0.00000000	0.02702703	0.14062500
## 55	0.00000000	0.015151515	0.03030303	0.00000000	0.00000000	0.07142857
## 56	0.21333333	0.090909091	0.10526316	0.00000000	0.12500000	0.41025641
## 57	0.00000000	0.00000000	0.00000000	0.04838710	0.00000000	0.00000000
## 58	0.01470588	0.028571429	0.00000000	0.00000000	0.00000000	0.01538462
## 59	0.01282051	0.060240964	0.04285714	0.01351351	0.01538462	0.02985075
## 60	0.02777778	0.078125000	0.00000000	0.01724138	0.00000000	0.01428571
## 61	0.00000000	0.00000000	0.01190476	0.00000000	0.01428571	0.00000000
##	13	14	15	16	17	18
## 1	0.00000000	0.04545455	0.00000000	0.05633803	0.12121212	0.01492537
## 2	0.00000000	0.06451613	0.038461538	0.08974359	0.10937500	0.03125000
## 3	0.13636364	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.13793103	0.00000000	0.02857143	0.10144928	0.02941176
## 5	0.00000000	0.22641509	0.011904762	0.15151515	0.24657534	0.01470588
## 6	0.00000000	0.17391304	0.011904762	0.08974359	0.11688312	0.10294118
## 7	0.00000000	0.22058824	0.00000000	0.07500000	0.21250000	0.07246377
## 8	0.00000000	0.20289855	0.00000000	0.06849315	0.19540230	0.05333333
## 9	0.00000000	0.05882353	0.00000000	0.04411765	0.10294118	0.01639344
## 10	0.03225806	0.00000000	0.097222222	0.01562500	0.01428571	0.00000000
## 11	0.00000000	0.09722222	0.00000000	0.01515152	0.07352941	0.06060606
## 12	0.00000000	0.34666667	0.00000000	0.21250000	0.30303030	0.14084507
## 13	1.00000000	0.00000000	0.012345679	0.00000000	0.00000000	0.00000000
## 14	0.00000000	1.00000000	0.029411765	0.15873016	0.20634921	0.07017544
## 15	0.01234568	0.02941176	1.00000000	0.01333333	0.00000000	0.00000000
## 16	0.00000000	0.15873016	0.013333333	1.00000000	0.26315789	0.05555556
## 17	0.00000000	0.20634921	0.00000000	0.26315789	1.00000000	0.06060606
## 18	0.00000000	0.07017544	0.00000000	0.05555556	0.06060606	1.00000000
## 19	0.00000000	0.00000000	0.012987013	0.00000000	0.00000000	0.00000000
## 20	0.06060606	0.03225806	0.025000000	0.03846154	0.00000000	0.00000000
## 21	0.00000000	0.21428571	0.014285714	0.08333333	0.20312500	0.08474576

## 22	0.00000000	0.18965517	0.013513514	0.06097561	0.17741935	0.08823529
## 23	0.00000000	0.25423729	0.012987013	0.11594203	0.34848485	0.07042254
## 24	0.00000000	0.03076923	0.000000000	0.02500000	0.08433735	0.03333333
## 25	0.00000000	0.08196721	0.012658228	0.01234568	0.07936508	0.03030303
## 26	0.01562500	0.04761905	0.000000000	0.10000000	0.07936508	0.00000000
## 27	0.00000000	0.04761905	0.044117647	0.05084746	0.05882353	0.01886792
## 28	0.00000000	0.00000000	0.000000000	0.01190476	0.00000000	0.00000000
## 29	0.00000000	0.01754386	0.000000000	0.01492537	0.02500000	0.05555556
## 30	0.01562500	0.00000000	0.123456790	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.184210526	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.000000000	0.00000000	0.01587302	0.03174603
## 33	0.00000000	0.16129032	0.000000000	0.07692308	0.07352941	0.05970149
## 34	0.00000000	0.07692308	0.000000000	0.01388889	0.09836066	0.31578947
## 35	0.00000000	0.31578947	0.000000000	0.09859155	0.15151515	0.05000000
## 36	0.00000000	0.00000000	0.013698630	0.00000000	0.00000000	0.00000000
## 37	0.06944444	0.00000000	0.045454545	0.01369863	0.00000000	0.00000000
## 38	0.00000000	0.45833333	0.012195122	0.07246377	0.14705882	0.08000000
## 39	0.00000000	0.28070175	0.000000000	0.07042254	0.11428571	0.04838710
## 40	0.00000000	0.00000000	0.011627907	0.00000000	0.01492537	0.00000000
## 41	0.00000000	0.33333333	0.013513514	0.16000000	0.25757576	0.04761905
## 42	0.00000000	0.19354839	0.013698630	0.12162162	0.18750000	0.02941176
## 43	0.01408451	0.00000000	0.000000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.000000000	0.01449275	0.00000000	0.01851852
## 45	0.01538462	0.07142857	0.000000000	0.02564103	0.05714286	0.24285714
## 46	0.00000000	0.25454545	0.000000000	0.04918033	0.15873016	0.09523810
## 47	0.00000000	0.14814815	0.000000000	0.09523810	0.11475410	0.01886792
## 48	0.00000000	0.15686275	0.028169014	0.05194805	0.03174603	0.04477612
## 49	0.00000000	0.12500000	0.013698630	0.07462687	0.11475410	0.03030303
## 50	0.00000000	0.12727273	0.000000000	0.08860759	0.07352941	0.11594203
## 51	0.00000000	0.21311475	0.012500000	0.01408451	0.10937500	0.04687500
## 52	0.00000000	0.00000000	0.000000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01694915	0.106666667	0.01219512	0.01449275	0.00000000
## 54	0.00000000	0.20000000	0.000000000	0.07547170	0.08771930	0.04687500
## 55	0.00000000	0.00000000	0.000000000	0.03076923	0.00000000	0.01492537
## 56	0.00000000	0.33870968	0.012658228	0.10344828	0.23529412	0.13432836
## 57	0.01562500	0.00000000	0.054054054	0.01470588	0.00000000	0.00000000
## 58	0.03333333	0.01666667	0.000000000	0.00000000	0.01612903	0.04615385
## 59	0.01470588	0.03125000	0.000000000	0.01315789	0.02898551	0.01470588
## 60	0.00000000	0.00000000	0.000000000	0.00000000	0.03773585	0.01923077
## 61	0.00000000	0.00000000	0.000000000	0.00000000	0.00000000	0.00000000
##	19	20	21	22	23	24
## 1	0.00000000	0.01219512	0.03125000	0.05555556	0.06779661	0.01612903
## 2	0.01408451	0.01369863	0.28571429	0.10447761	0.18840580	0.04761905
## 3	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 4	0.00000000	0.01162791	0.16071429	0.08571429	0.16901408	0.09722222
## 5	0.00000000	0.01282051	0.12328767	0.07017544	0.30263158	0.09090909
## 6	0.00000000	0.02564103	0.25373134	0.08620690	0.28985507	0.11842105
## 7	0.00000000	0.02739726	0.35443038	0.08750000	0.35632184	0.05333333
## 8	0.00000000	0.01219512	0.22388060	0.05479452	0.10606061	0.01282051
## 9	0.01492537	0.04411765	0.14516129	0.02985075	0.06153846	0.01315789
## 10	0.01492537	0.01351351	0.02985075	0.00000000	0.03448276	0.00000000
## 11	0.00000000	0.00000000	0.04615385	0.07692308	0.07812500	0.01388889
## 12	0.00000000	0.01136364	0.25974026	0.18604651	0.32467532	0.11111111
## 13	0.00000000	0.06060606	0.00000000	0.00000000	0.00000000	0.00000000

## 14	0.00000000	0.03225806	0.21428571	0.18965517	0.25423729	0.03076923
## 15	0.01298701	0.02500000	0.01428571	0.01351351	0.01298701	0.00000000
## 16	0.00000000	0.03846154	0.08333333	0.06097561	0.11594203	0.02500000
## 17	0.00000000	0.00000000	0.20312500	0.17741935	0.34848485	0.08433735
## 18	0.00000000	0.00000000	0.08474576	0.08823529	0.07042254	0.03333333
## 19	1.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01282051	1.00000000	0.01369863	0.00000000	0.02857143	0.01234568
## 21	0.00000000	0.01369863	1.00000000	0.08620690	0.28947368	0.08064516
## 22	0.00000000	0.00000000	0.08620690	1.00000000	0.11594203	0.14754098
## 23	0.00000000	0.02857143	0.28947368	0.11594203	1.00000000	0.14492754
## 24	0.00000000	0.01234568	0.08064516	0.14754098	0.14492754	1.00000000
## 25	0.00000000	0.00000000	0.09722222	0.12676056	0.13253012	0.02631579
## 26	0.00000000	0.04225352	0.00000000	0.00000000	0.06153846	0.01724138
## 27	0.00000000	0.00000000	0.15094340	0.03174603	0.04545455	0.01515152
## 28	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 29	0.00000000	0.00000000	0.07246377	0.05454545	0.02666667	0.05797101
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.03076923	0.00000000	0.01333333	0.05405405
## 32	0.07352941	0.06944444	0.01562500	0.01639344	0.03389831	0.01351351
## 33	0.00000000	0.00000000	0.07792208	0.12676056	0.17721519	0.00000000
## 34	0.00000000	0.00000000	0.11940299	0.12500000	0.10666667	0.05797101
## 35	0.00000000	0.00000000	0.21311475	0.13114754	0.10769231	0.03278689
## 36	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01388889	0.03846154	0.28125000	0.09090909	0.22388060	0.06756757
## 39	0.01515152	0.00000000	0.26027397	0.07575758	0.25373134	0.03076923
## 40	0.05405405	0.01470588	0.04109589	0.01282051	0.01538462	0.04545455
## 41	0.01408451	0.01492537	0.35483871	0.19178082	0.32758621	0.07462687
## 42	0.00000000	0.01219512	0.31666667	0.10937500	0.19736842	0.06849315
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.21052632	0.12162162	0.15789474	0.08571429
## 46	0.00000000	0.02739726	0.17647059	0.08823529	0.19696970	0.09859155
## 47	0.00000000	0.01388889	0.07407407	0.07936508	0.16949153	0.01333333
## 48	0.00000000	0.01388889	0.27142857	0.11864407	0.09677419	0.07042254
## 49	0.00000000	0.01204819	0.13559322	0.06666667	0.13114754	0.03076923
## 50	0.00000000	0.00000000	0.12068966	0.10294118	0.07042254	0.11764706
## 51	0.01470588	0.01282051	0.36065574	0.12698413	0.30263158	0.06666667
## 52	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.04285714
## 53	0.01369863	0.01315789	0.03896104	0.00000000	0.01250000	0.01562500
## 54	0.00000000	0.02777778	0.13793103	0.12698413	0.22222222	0.12500000
## 55	0.01470588	0.02777778	0.01538462	0.00000000	0.01470588	0.00000000
## 56	0.00000000	0.01538462	0.19642857	0.12857143	0.38461538	0.12962963
## 57	0.00000000	0.02531646	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.06410256	0.00000000	0.04838710	0.02985075	0.01612903	0.13333333
## 59	0.00000000	0.02702703	0.06451613	0.01408451	0.04615385	0.02941176
## 60	0.00000000	0.01851852	0.04615385	0.01694915	0.02985075	0.02985075
## 61	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.05555556
##	25	26	27	28	29	30
## 1	0.04545455	0.01538462	0.01851852	0.00000000	0.01639344	0.00000000
## 2	0.10389610	0.02739726	0.03448276	0.00000000	0.12000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.05494505	0.03896104	0.04285714	0.00000000	0.08219178	0.00000000
## 5	0.06410256	0.06172840	0.04477612	0.00000000	0.08064516	0.00000000

## 6	0.01315789	0.05970149	0.15517241	0.00000000	0.08333333	0.00000000
## 7	0.06493506	0.05633803	0.07142857	0.00000000	0.03703704	0.00000000
## 8	0.08333333	0.00000000	0.10810811	0.00000000	0.02597403	0.00000000
## 9	0.02941176	0.01886792	0.21538462	0.00000000	0.08196721	0.00000000
## 10	0.01449275	0.00000000	0.01923077	0.00000000	0.00000000	0.06349206
## 11	0.09589041	0.00000000	0.02941176	0.02597403	0.00000000	0.00000000
## 12	0.07058824	0.05405405	0.04918033	0.00000000	0.03030303	0.00000000
## 13	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.01562500
## 14	0.08196721	0.04761905	0.04761905	0.00000000	0.01754386	0.00000000
## 15	0.01265823	0.00000000	0.04411765	0.00000000	0.00000000	0.12345679
## 16	0.01234568	0.10000000	0.05084746	0.01190476	0.01492537	0.00000000
## 17	0.07936508	0.07936508	0.05882353	0.00000000	0.02500000	0.00000000
## 18	0.03030303	0.00000000	0.01886792	0.00000000	0.05555556	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 20	0.00000000	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.09722222	0.00000000	0.15094340	0.00000000	0.07246377	0.00000000
## 22	0.12676056	0.00000000	0.03174603	0.00000000	0.05454545	0.00000000
## 23	0.13253012	0.06153846	0.04545455	0.00000000	0.02666667	0.00000000
## 24	0.02631579	0.01724138	0.01515152	0.01333333	0.05797101	0.00000000
## 25	1.00000000	0.08108108	0.07936508	0.00000000	0.02666667	0.00000000
## 26	0.08108108	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.07936508	0.00000000	1.00000000	0.00000000	0.04687500	0.00000000
## 28	0.00000000	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000
## 29	0.02666667	0.00000000	0.04687500	0.00000000	1.00000000	0.04615385
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385	1.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01265823	0.02816901	0.19178082
## 32	0.00000000	0.00000000	0.01515152	0.00000000	0.04615385	0.00000000
## 33	0.03488372	0.05333333	0.06250000	0.01282051	0.02816901	0.00000000
## 34	0.02816901	0.03125000	0.12068966	0.01250000	0.03076923	0.00000000
## 35	0.01562500	0.02000000	0.17741935	0.00000000	0.03389831	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.04166667	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.03846154	0.00000000	0.07812500	0.00000000	0.00000000	0.00000000
## 39	0.04285714	0.04411765	0.11290323	0.00000000	0.00000000	0.00000000
## 40	0.01149425	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 41	0.05333333	0.04225352	0.07246377	0.00000000	0.01449275	0.00000000
## 42	0.02985075	0.01428571	0.03508772	0.02380952	0.05555556	0.00000000
## 43	0.00000000	0.01388889	0.00000000	0.01176471	0.00000000	0.00000000
## 44	0.01470588	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 45	0.01265823	0.05405405	0.01754386	0.00000000	0.04225352	0.00000000
## 46	0.01562500	0.09259259	0.03448276	0.00000000	0.03225806	0.00000000
## 47	0.03125000	0.03448276	0.07462687	0.00000000	0.03174603	0.00000000
## 48	0.06349206	0.00000000	0.10714286	0.00000000	0.01666667	0.00000000
## 49	0.05797101	0.00000000	0.10169492	0.00000000	0.16923077	0.00000000
## 50	0.06756757	0.12328767	0.06153846	0.00000000	0.05882353	0.00000000
## 51	0.04225352	0.07692308	0.08928571	0.00000000	0.01515152	0.00000000
## 52	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.02816901	0.00000000	0.01666667	0.00000000	0.00000000	0.04761905
## 54	0.13235294	0.05172414	0.09677419	0.00000000	0.05555556	0.00000000
## 55	0.05633803	0.07462687	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.04109589	0.05128205	0.08928571	0.00000000	0.06250000	0.00000000
## 57	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.13114754
## 58	0.00000000	0.01851852	0.00000000	0.00000000	0.03125000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.03947368	0.01470588	0.00000000

## 60	0.00000000	0.01612903	0.05882353	0.00000000	0.03030303	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	31	32	33	34	35	36
## 1	0.00000000	0.01492537	0.04347826	0.01587302	0.05660377	0.01639344
## 2	0.02739726	0.00000000	0.10447761	0.07692308	0.16923077	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01250000	0.00000000	0.07352941	0.06756757	0.09230769	0.00000000
## 5	0.00000000	0.00000000	0.09090909	0.05405405	0.15873016	0.00000000
## 6	0.01282051	0.01333333	0.16417910	0.10294118	0.17391304	0.00000000
## 7	0.00000000	0.00000000	0.05882353	0.06666667	0.14285714	0.00000000
## 8	0.02564103	0.02500000	0.06410256	0.02631579	0.18032787	0.00000000
## 9	0.00000000	0.06250000	0.03076923	0.03571429	0.12500000	0.00000000
## 10	0.10447761	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.12000000	0.02898551	0.07692308	0.00000000
## 12	0.00000000	0.01369863	0.15384615	0.16666667	0.16393443	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.16129032	0.07692308	0.31578947	0.00000000
## 15	0.18421053	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 16	0.00000000	0.00000000	0.07692308	0.01388889	0.09859155	0.00000000
## 17	0.00000000	0.01587302	0.07352941	0.09836066	0.15151515	0.00000000
## 18	0.00000000	0.03174603	0.05970149	0.31578947	0.05000000	0.00000000
## 19	0.00000000	0.07352941	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.06944444	0.00000000	0.00000000	0.00000000	0.01470588
## 21	0.03076923	0.01562500	0.07792208	0.11940299	0.21311475	0.00000000
## 22	0.00000000	0.01639344	0.12676056	0.12500000	0.13114754	0.00000000
## 23	0.01333333	0.03389831	0.17721519	0.10666667	0.10769231	0.00000000
## 24	0.05405405	0.01351351	0.00000000	0.05797101	0.03278689	0.00000000
## 25	0.00000000	0.00000000	0.03488372	0.02816901	0.01562500	0.00000000
## 26	0.00000000	0.00000000	0.05333333	0.03125000	0.02000000	0.00000000
## 27	0.00000000	0.01515152	0.06250000	0.12068966	0.17741935	0.00000000
## 28	0.01265823	0.00000000	0.01282051	0.01250000	0.00000000	0.04166667
## 29	0.02816901	0.04615385	0.02816901	0.03076923	0.03389831	0.00000000
## 30	0.19178082	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	1.00000000	0.02941176	0.00000000	0.01408451	0.03125000	0.00000000
## 32	0.02941176	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	1.00000000	0.05797101	0.12698413	0.00000000
## 34	0.01408451	0.00000000	0.05797101	1.00000000	0.05660377	0.00000000
## 35	0.03125000	0.00000000	0.12698413	0.05660377	1.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	1.00000000
## 37	0.02898551	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01234568	0.00000000	0.10989011	0.07246377	0.17741935	0.00000000
## 39	0.00000000	0.00000000	0.07042254	0.03125000	0.29032258	0.00000000
## 40	0.01369863	0.05405405	0.00000000	0.01428571	0.01818182	0.00000000
## 41	0.00000000	0.01449275	0.16923077	0.14062500	0.31746032	0.00000000
## 42	0.02531646	0.01515152	0.04166667	0.09523810	0.12500000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 44	0.00000000	0.09803922	0.00000000	0.01694915	0.00000000	0.00000000
## 45	0.00000000	0.03125000	0.15189873	0.26027397	0.15254237	0.00000000
## 46	0.01449275	0.01851852	0.14705882	0.11290323	0.20000000	0.01612903
## 47	0.00000000	0.00000000	0.14285714	0.08196721	0.11320755	0.00000000
## 48	0.05555556	0.00000000	0.06153846	0.10937500	0.24489796	0.00000000
## 49	0.01587302	0.02777778	0.12121212	0.04918033	0.07017544	0.00000000
## 50	0.01515152	0.00000000	0.07352941	0.10144928	0.16666667	0.00000000
## 51	0.02666667	0.01470588	0.03389831	0.13846154	0.25373134	0.00000000



## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.10389610	0.01562500	0.00000000	0.01470588	0.01428571	0.00000000
## 54	0.04918033	0.01562500	0.08000000	0.13793103	0.10416667	0.00000000
## 55	0.00000000	0.00000000	0.03076923	0.00000000	0.07462687	0.01818182
## 56	0.01639344	0.01724138	0.16438356	0.13333333	0.27419355	0.00000000
## 57	0.02564103	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01639344	0.03636364	0.00000000	0.08196721	0.00000000	0.00000000
## 59	0.01388889	0.07352941	0.00000000	0.06349206	0.00000000	0.01639344
## 60	0.00000000	0.03030303	0.00000000	0.12121212	0.01785714	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	37	38	39	40	41	42
## 1	0.00000000	0.051282051	0.07042254	0.01492537	0.07246377	0.01538462
## 2	0.01470588	0.090909091	0.12121212	0.00000000	0.19117647	0.14705882
## 3	0.02857143	0.000000000	0.00000000	0.05194805	0.00000000	0.00000000
## 4	0.00000000	0.089743590	0.08823529	0.00000000	0.11111111	0.02898551
## 5	0.00000000	0.153846154	0.16666667	0.01515152	0.24285714	0.23076923
## 6	0.00000000	0.223880597	0.13333333	0.02469136	0.11111111	0.11764706
## 7	0.00000000	0.250000000	0.18666667	0.00000000	0.17500000	0.15000000
## 8	0.00000000	0.150000000	0.17721519	0.01369863	0.14492754	0.10526316
## 9	0.00000000	0.078125000	0.14705882	0.00000000	0.07812500	0.05714286
## 10	0.01388889	0.000000000	0.00000000	0.00000000	0.01515152	0.00000000
## 11	0.00000000	0.025000000	0.03030303	0.00000000	0.05882353	0.00000000
## 12	0.00000000	0.212500000	0.29850746	0.01111111	0.22368421	0.20000000
## 13	0.06944444	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.458333333	0.28070175	0.00000000	0.33333333	0.19354839
## 15	0.04545455	0.012195122	0.00000000	0.01162791	0.01351351	0.01369863
## 16	0.01369863	0.072463768	0.07042254	0.00000000	0.16000000	0.12162162
## 17	0.00000000	0.147058824	0.11428571	0.01492537	0.25757576	0.18750000
## 18	0.00000000	0.080000000	0.04838710	0.00000000	0.04761905	0.02941176
## 19	0.00000000	0.013888889	0.01515152	0.05405405	0.01408451	0.00000000
## 20	0.01298701	0.038461538	0.00000000	0.01470588	0.01492537	0.01219512
## 21	0.00000000	0.281250000	0.26027397	0.04109589	0.35483871	0.31666667
## 22	0.00000000	0.090909091	0.07575758	0.01282051	0.19178082	0.10937500
## 23	0.00000000	0.223880597	0.25373134	0.01538462	0.32758621	0.19736842
## 24	0.00000000	0.067567568	0.03076923	0.04545455	0.07462687	0.06849315
## 25	0.00000000	0.038461538	0.04285714	0.01149425	0.05333333	0.02985075
## 26	0.00000000	0.000000000	0.04411765	0.00000000	0.04225352	0.01428571
## 27	0.00000000	0.078125000	0.11290323	0.00000000	0.07246377	0.03508772
## 28	0.00000000	0.000000000	0.00000000	0.00000000	0.00000000	0.02380952
## 29	0.00000000	0.000000000	0.00000000	0.01428571	0.01449275	0.05555556
## 30	0.00000000	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.02898551	0.012345679	0.00000000	0.01369863	0.00000000	0.02531646
## 32	0.01470588	0.000000000	0.00000000	0.05405405	0.01449275	0.01515152
## 33	0.00000000	0.109890110	0.07042254	0.00000000	0.16923077	0.04166667
## 34	0.00000000	0.072463768	0.03125000	0.01428571	0.14062500	0.09523810
## 35	0.00000000	0.177419355	0.29032258	0.01818182	0.31746032	0.12500000
## 36	0.00000000	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	1.00000000	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	1.000000000	0.18918919	0.01149425	0.34615385	0.17647059
## 39	0.00000000	0.189189189	1.00000000	0.00000000	0.31081081	0.20000000
## 40	0.00000000	0.011494253	0.00000000	1.00000000	0.01515152	0.02777778
## 41	0.00000000	0.346153846	0.31081081	0.01515152	1.00000000	0.44117647
## 42	0.00000000	0.176470588	0.20000000	0.02777778	0.44117647	1.00000000
## 43	0.00000000	0.000000000	0.01369863	0.04285714	0.00000000	0.00000000

## 44	0.03174603	0.000000000	0.000000000	0.11428571	0.000000000	0.000000000
## 45	0.000000000	0.147058824	0.10294118	0.01298701	0.16923077	0.15068493
## 46	0.000000000	0.159420290	0.14705882	0.02941176	0.14925373	0.07352941
## 47	0.000000000	0.100000000	0.22033898	0.01388889	0.17142857	0.08064516
## 48	0.000000000	0.231884058	0.20634921	0.01562500	0.22222222	0.12328767
## 49	0.000000000	0.171428571	0.11594203	0.03174603	0.16901408	0.07246377
## 50	0.000000000	0.109589041	0.07894737	0.04054054	0.13235294	0.03571429
## 51	0.000000000	0.220779221	0.22222222	0.01408451	0.31578947	0.24657534
## 52	0.000000000	0.000000000	0.000000000	0.03896104	0.000000000	0.000000000
## 53	0.03333333	0.034090909	0.02777778	0.01162791	0.000000000	0.000000000
## 54	0.000000000	0.191176471	0.12727273	0.01694915	0.26315789	0.15384615
## 55	0.000000000	0.031746032	0.04761905	0.000000000	0.04545455	0.01449275
## 56	0.000000000	0.354430380	0.33898305	0.02898551	0.28358209	0.20000000
## 57	0.04166667	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 58	0.000000000	0.032786885	0.01818182	0.05797101	0.01612903	0.04838710
## 59	0.01369863	0.024691358	0.000000000	0.03947368	0.03076923	0.11428571
## 60	0.000000000	0.016666667	0.03448276	0.03030303	0.02631579	0.11320755
## 61	0.000000000	0.000000000	0.01449275	0.01612903	0.01428571	0.000000000
##	43	44	45	46	47	48
## 1	0.000000000	0.03278689	0.04838710	0.05714286	0.03278689	0.000000000
## 2	0.000000000	0.000000000	0.04687500	0.08064516	0.07812500	0.23333333
## 3	0.1168312	0.000000000	0.000000000	0.000000000	0.01408451	0.000000000
## 4	0.000000000	0.000000000	0.03846154	0.10769231	0.08000000	0.07246377
## 5	0.000000000	0.01408451	0.08219178	0.16417910	0.13559322	0.05714286
## 6	0.000000000	0.000000000	0.07142857	0.14035088	0.06666667	0.14492754
## 7	0.000000000	0.000000000	0.06410256	0.14473684	0.24050633	0.28571429
## 8	0.000000000	0.000000000	0.06849315	0.10294118	0.16666667	0.19354839
## 9	0.000000000	0.01492537	0.04477612	0.01538462	0.16129032	0.12676056
## 10	0.000000000	0.000000000	0.000000000	0.000000000	0.01754386	0.000000000
## 11	0.01265823	0.000000000	0.04545455	0.10447761	0.06153846	0.04166667
## 12	0.000000000	0.000000000	0.11594203	0.25974026	0.18918919	0.11842105
## 13	0.01408451	0.000000000	0.01538462	0.000000000	0.000000000	0.000000000
## 14	0.000000000	0.000000000	0.07142857	0.25454545	0.14814815	0.15686275
## 15	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.02816901
## 16	0.000000000	0.01449275	0.02564103	0.04918033	0.09523810	0.05194805
## 17	0.000000000	0.000000000	0.05714286	0.15873016	0.11475410	0.03174603
## 18	0.000000000	0.01851852	0.24285714	0.09523810	0.01886792	0.04477612
## 19	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 20	0.000000000	0.000000000	0.000000000	0.02739726	0.01388889	0.01388889
## 21	0.000000000	0.000000000	0.21052632	0.17647059	0.07407407	0.27142857
## 22	0.000000000	0.000000000	0.12162162	0.08823529	0.07936508	0.11864407
## 23	0.000000000	0.000000000	0.15789474	0.19696970	0.16949153	0.09677419
## 24	0.01351351	0.000000000	0.08571429	0.09859155	0.01333333	0.07042254
## 25	0.000000000	0.01470588	0.01265823	0.01562500	0.03125000	0.06349206
## 26	0.01388889	0.000000000	0.05405405	0.09259259	0.03448276	0.000000000
## 27	0.000000000	0.000000000	0.01754386	0.03448276	0.07462687	0.10714286
## 28	0.01176471	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 29	0.000000000	0.01666667	0.04225352	0.03225806	0.03174603	0.01666667
## 30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 31	0.000000000	0.000000000	0.000000000	0.01449275	0.000000000	0.05555556
## 32	0.000000000	0.09803922	0.03125000	0.01851852	0.000000000	0.000000000
## 33	0.000000000	0.000000000	0.15189873	0.14705882	0.14285714	0.06153846
## 34	0.000000000	0.01694915	0.26027397	0.11290323	0.08196721	0.10937500
## 35	0.000000000	0.000000000	0.15254237	0.20000000	0.11320755	0.24489796

## 36	0.01428571	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 37	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.14705882	0.15942029	0.10000000	0.23188406
## 39	0.01369863	0.00000000	0.10294118	0.14705882	0.22033898	0.20634921
## 40	0.04285714	0.11428571	0.01298701	0.02941176	0.01388889	0.01562500
## 41	0.00000000	0.00000000	0.16923077	0.14925373	0.17142857	0.22222222
## 42	0.00000000	0.00000000	0.15068493	0.07352941	0.08064516	0.12328767
## 43	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.01923077
## 45	0.00000000	0.00000000	1.00000000	0.07692308	0.06779661	0.14516129
## 46	0.00000000	0.00000000	0.07692308	1.00000000	0.15714286	0.12121212
## 47	0.00000000	0.00000000	0.06779661	0.15714286	1.00000000	0.14035088
## 48	0.00000000	0.01923077	0.14516129	0.12121212	0.14035088	1.00000000
## 49	0.01492537	0.00000000	0.06250000	0.04918033	0.07407407	0.11290323
## 50	0.00000000	0.00000000	0.16438356	0.08474576	0.20000000	0.11267606
## 51	0.00000000	0.00000000	0.16901408	0.09615385	0.12280702	0.23728814
## 52	0.11267606	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 53	0.00000000	0.01515152	0.00000000	0.01470588	0.03508772	0.01562500
## 54	0.00000000	0.05263158	0.07352941	0.13846154	0.16363636	0.18032787
## 55	0.00000000	0.00000000	0.00000000	0.08333333	0.01785714	0.01754386
## 56	0.00000000	0.00000000	0.28767123	0.26315789	0.27868852	0.23728814
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.05714286	0.01666667	0.00000000	0.04411765
## 59	0.01234568	0.00000000	0.02941176	0.03030303	0.01694915	0.04411765
## 60	0.00000000	0.01587302	0.04411765	0.08196721	0.00000000	0.00000000
## 61	0.20481928	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	49	50	51	52	53	54
## 1	0.03125000	0.05633803	0.02941176	0.00000000	0.00000000	0.00000000
## 2	0.08620690	0.12500000	0.11666667	0.00000000	0.01492537	0.05357143
## 3	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 4	0.05714286	0.11842105	0.22972973	0.04054054	0.02857143	0.24242424
## 5	0.08695652	0.14084507	0.16417910	0.00000000	0.00000000	0.17142857
## 6	0.07462687	0.12820513	0.25373134	0.00000000	0.03703704	0.18055556
## 7	0.12987013	0.08571429	0.17647059	0.00000000	0.05405405	0.30136986
## 8	0.12121212	0.05405405	0.07812500	0.00000000	0.02531646	0.05970149
## 9	0.07692308	0.03278689	0.03076923	0.00000000	0.04615385	0.13559322
## 10	0.01562500	0.00000000	0.01515152	0.00000000	0.15151515	0.00000000
## 11	0.04615385	0.01470588	0.05797101	0.00000000	0.01639344	0.02702703
## 12	0.09459459	0.21917808	0.22727273	0.01282051	0.02409639	0.14062500
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.12500000	0.12727273	0.21311475	0.00000000	0.01694915	0.20000000
## 15	0.01369863	0.00000000	0.01250000	0.00000000	0.10666667	0.00000000
## 16	0.07462687	0.08860759	0.01408451	0.00000000	0.01219512	0.07547170
## 17	0.11475410	0.07352941	0.10937500	0.00000000	0.01449275	0.08771930
## 18	0.03030303	0.11594203	0.04687500	0.00000000	0.00000000	0.04687500
## 19	0.00000000	0.00000000	0.01470588	0.00000000	0.01369863	0.00000000
## 20	0.01204819	0.00000000	0.01282051	0.01470588	0.01315789	0.02777778
## 21	0.13559322	0.12068966	0.36065574	0.00000000	0.03896104	0.13793103
## 22	0.06666667	0.10294118	0.12698413	0.00000000	0.00000000	0.12698413
## 23	0.13114754	0.07042254	0.30263158	0.00000000	0.01250000	0.22222222
## 24	0.03076923	0.11764706	0.06666667	0.04285714	0.01562500	0.12500000
## 25	0.05797101	0.06756757	0.04225352	0.00000000	0.02816901	0.13235294
## 26	0.00000000	0.12328767	0.07692308	0.03076923	0.00000000	0.05172414
## 27	0.10169492	0.06153846	0.08928571	0.00000000	0.01666667	0.09677419

## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.16923077	0.05882353	0.01515152	0.00000000	0.00000000	0.05555556
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.04761905	0.00000000
## 31	0.01587302	0.01515152	0.02666667	0.00000000	0.10389610	0.04918033
## 32	0.02777778	0.00000000	0.01470588	0.00000000	0.01562500	0.01562500
## 33	0.12121212	0.07352941	0.03389831	0.00000000	0.00000000	0.08000000
## 34	0.04918033	0.10144928	0.13846154	0.00000000	0.01470588	0.13793103
## 35	0.07017544	0.16666667	0.25373134	0.00000000	0.01428571	0.10416667
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000
## 38	0.17142857	0.10958904	0.22077922	0.00000000	0.03409091	0.19117647
## 39	0.11594203	0.07894737	0.22222222	0.00000000	0.02777778	0.12727273
## 40	0.03174603	0.04054054	0.01408451	0.03896104	0.01162791	0.01694915
## 41	0.16901408	0.13235294	0.31578947	0.00000000	0.00000000	0.26315789
## 42	0.07246377	0.03571429	0.24657534	0.00000000	0.00000000	0.15384615
## 43	0.01492537	0.00000000	0.00000000	0.11267606	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.05263158
## 45	0.06250000	0.16438356	0.16901408	0.00000000	0.00000000	0.07352941
## 46	0.04918033	0.08474576	0.09615385	0.01428571	0.01470588	0.13846154
## 47	0.07407407	0.20000000	0.12280702	0.00000000	0.03508772	0.16363636
## 48	0.11290323	0.11267606	0.23728814	0.00000000	0.01562500	0.18032787
## 49	1.00000000	0.05882353	0.03076923	0.00000000	0.01587302	0.24242424
## 50	0.05882353	1.00000000	0.11594203	0.00000000	0.02702703	0.16923077
## 51	0.03076923	0.11594203	1.00000000	0.03571429	0.02702703	0.14754098
## 52	0.00000000	0.00000000	0.03571429	1.00000000	0.00000000	0.01449275
## 53	0.01587302	0.02702703	0.02702703	0.00000000	1.00000000	0.04615385
## 54	0.24242424	0.16923077	0.14754098	0.01449275	0.04615385	1.00000000
## 55	0.01923077	0.03076923	0.00000000	0.00000000	0.00000000	0.07017544
## 56	0.10606061	0.17142857	0.32812500	0.00000000	0.01492537	0.21666667
## 57	0.00000000	0.01492537	0.00000000	0.00000000	0.02857143	0.00000000
## 58	0.04285714	0.04411765	0.01515152	0.03278689	0.00000000	0.00000000
## 59	0.04000000	0.00000000	0.00000000	0.01408451	0.00000000	0.01538462
## 60	0.04761905	0.01612903	0.05357143	0.01587302	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.21917808	0.00000000	0.00000000
##	55	56	57	58	59	60
## 1	0.01562500	0.02777778	0.00000000	0.01351351	0.00000000	0.04687500
## 2	0.01612903	0.09722222	0.00000000	0.05084746	0.03333333	0.02040816
## 3	0.01587302	0.00000000	0.00000000	0.00000000	0.01408451	0.01449275
## 4	0.01694915	0.16666667	0.00000000	0.00000000	0.00000000	0.01612903
## 5	0.01587302	0.23287671	0.00000000	0.00000000	0.01234568	0.06060606
## 6	0.01587302	0.30882353	0.00000000	0.01428571	0.01282051	0.03508772
## 7	0.00000000	0.21333333	0.00000000	0.01470588	0.01282051	0.02777778
## 8	0.01515152	0.09090909	0.00000000	0.02857143	0.06024096	0.07812500
## 9	0.03030303	0.10526316	0.00000000	0.00000000	0.04285714	0.00000000
## 10	0.00000000	0.00000000	0.04838710	0.00000000	0.01351351	0.01724138
## 11	0.00000000	0.12500000	0.00000000	0.00000000	0.01538462	0.00000000
## 12	0.07142857	0.41025641	0.00000000	0.01538462	0.02985075	0.01428571
## 13	0.00000000	0.00000000	0.01562500	0.03333333	0.01470588	0.00000000
## 14	0.00000000	0.33870968	0.00000000	0.01666667	0.03125000	0.00000000
## 15	0.00000000	0.01265823	0.05405405	0.00000000	0.00000000	0.00000000
## 16	0.03076923	0.10344828	0.01470588	0.00000000	0.01315789	0.00000000
## 17	0.00000000	0.23529412	0.00000000	0.01612903	0.02898551	0.03773585
## 18	0.01492537	0.13432836	0.00000000	0.04615385	0.01470588	0.01923077
## 19	0.01470588	0.00000000	0.00000000	0.06410256	0.00000000	0.00000000

## 20	0.02777778	0.01538462	0.02531646	0.00000000	0.02702703	0.01851852
## 21	0.01538462	0.19642857	0.00000000	0.04838710	0.06451613	0.04615385
## 22	0.00000000	0.12857143	0.00000000	0.02985075	0.01408451	0.01694915
## 23	0.01470588	0.38461538	0.00000000	0.01612903	0.04615385	0.02985075
## 24	0.00000000	0.12962963	0.00000000	0.13333333	0.02941176	0.02985075
## 25	0.05633803	0.04109589	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.07462687	0.05128205	0.01612903	0.01851852	0.00000000	0.01612903
## 27	0.00000000	0.08928571	0.00000000	0.00000000	0.00000000	0.05882353
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000
## 29	0.00000000	0.06250000	0.00000000	0.03125000	0.01470588	0.03030303
## 30	0.00000000	0.00000000	0.13114754	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01639344	0.02564103	0.01639344	0.01388889	0.00000000
## 32	0.00000000	0.01724138	0.00000000	0.03636364	0.07352941	0.03030303
## 33	0.03076923	0.16438356	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.13333333	0.00000000	0.08196721	0.06349206	0.12121212
## 35	0.07462687	0.27419355	0.00000000	0.00000000	0.00000000	0.01785714
## 36	0.01818182	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 37	0.00000000	0.00000000	0.04166667	0.00000000	0.01369863	0.00000000
## 38	0.03174603	0.35443038	0.00000000	0.03278689	0.02469136	0.01666667
## 39	0.04761905	0.33898305	0.00000000	0.01818182	0.00000000	0.03448276
## 40	0.00000000	0.02898551	0.00000000	0.05797101	0.03947368	0.03030303
## 41	0.04545455	0.28358209	0.00000000	0.01612903	0.03076923	0.02631579
## 42	0.01449275	0.20000000	0.00000000	0.04838710	0.11428571	0.11320755
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 45	0.00000000	0.28767123	0.00000000	0.05714286	0.02941176	0.04411765
## 46	0.08333333	0.26315789	0.00000000	0.01666667	0.03030303	0.08196721
## 47	0.01785714	0.27868852	0.00000000	0.00000000	0.01694915	0.00000000
## 48	0.01754386	0.23728814	0.00000000	0.04411765	0.04411765	0.00000000
## 49	0.01923077	0.10606061	0.00000000	0.04285714	0.04000000	0.04761905
## 50	0.03076923	0.17142857	0.01492537	0.04411765	0.00000000	0.01612903
## 51	0.00000000	0.32812500	0.00000000	0.01515152	0.00000000	0.05357143
## 52	0.00000000	0.00000000	0.00000000	0.03278689	0.01408451	0.01587302
## 53	0.00000000	0.01492537	0.02857143	0.00000000	0.00000000	0.00000000
## 54	0.07017544	0.21666667	0.00000000	0.00000000	0.01538462	0.00000000
## 55	1.00000000	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.02898551	1.00000000	0.00000000	0.03125000	0.03125000	0.03846154
## 57	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.03125000	0.00000000	1.00000000	0.14285714	0.10526316
## 59	0.00000000	0.03125000	0.00000000	0.14285714	1.00000000	0.40000000
## 60	0.00000000	0.03846154	0.00000000	0.10526316	0.40000000	1.00000000
## 61	0.04225352	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
##	61	62	63	64	65	66
## 1	0.00000000	0.01960784	0.04347826	0.03076923	0.14062500	0.00000000
## 2	0.00000000	0.00000000	0.02739726	0.08571429	0.15254237	0.03389831
## 3	0.04166667	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.02816901	0.02857143	0.09859155	0.03278689
## 5	0.00000000	0.00000000	0.09523810	0.01538462	0.19696970	0.08064516
## 6	0.00000000	0.00000000	0.07042254	0.02985075	0.17647059	0.01612903
## 7	0.00000000	0.00000000	0.08235294	0.02631579	0.16176471	0.06578947
## 8	0.00000000	0.01388889	0.06024096	0.05479452	0.14705882	0.09090909
## 9	0.01190476	0.01587302	0.05882353	0.03174603	0.10000000	0.01562500
## 10	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.01428571	0.00000000	0.05882353	0.01351351	0.02631579	0.01666667

## 12	0.00000000	0.00000000	0.12500000	0.07246377	0.24657534	0.05000000
## 13	0.00000000	0.01538462	0.00000000	0.00000000	0.01538462	0.01886792
## 14	0.00000000	0.00000000	0.12121212	0.05263158	0.28571429	0.05000000
## 15	0.00000000	0.02500000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.07575758	0.22535211	0.12727273	0.16129032
## 17	0.00000000	0.00000000	0.11764706	0.01470588	0.27536232	0.01538462
## 18	0.00000000	0.00000000	0.07692308	0.00000000	0.05357143	0.00000000
## 19	0.01470588	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.17647059	0.00000000	0.00000000	0.02985075	0.00000000
## 21	0.00000000	0.00000000	0.12727273	0.05797101	0.32727273	0.04761905
## 22	0.00000000	0.00000000	0.20634921	0.02941176	0.16949153	0.00000000
## 23	0.00000000	0.00000000	0.11111111	0.02941176	0.41428571	0.05970149
## 24	0.05555556	0.00000000	0.07042254	0.03278689	0.13157895	0.01515152
## 25	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01428571	0.01449275	0.07352941	0.03030303	0.03703704
## 27	0.00000000	0.00000000	0.01428571	0.04411765	0.06153846	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.05194805	0.00000000	0.04761905
## 29	0.00000000	0.00000000	0.04109589	0.02816901	0.01562500	0.01587302
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.02702703	0.00000000	0.00000000	0.01333333	0.01408451
## 32	0.00000000	0.03174603	0.00000000	0.00000000	0.01388889	0.00000000
## 33	0.00000000	0.00000000	0.22784810	0.04285714	0.10144928	0.03448276
## 34	0.00000000	0.00000000	0.01538462	0.04411765	0.06896552	0.00000000
## 35	0.00000000	0.00000000	0.09523810	0.06349206	0.27586207	0.01612903
## 36	0.00000000	0.03125000	0.00000000	0.01587302	0.00000000	0.01754386
## 37	0.00000000	0.06153846	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.15584416	0.04166667	0.24324324	0.06349206
## 39	0.01449275	0.00000000	0.08571429	0.06250000	0.55555556	0.15254237
## 40	0.01612903	0.01369863	0.01538462	0.00000000	0.03278689	0.00000000
## 41	0.01428571	0.00000000	0.33333333	0.07692308	0.45901639	0.05660377
## 42	0.00000000	0.00000000	0.14634146	0.11688312	0.31884058	0.02816901
## 43	0.20481928	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303
## 44	0.00000000	0.01538462	0.01666667	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.19117647	0.05333333	0.25000000	0.00000000
## 46	0.00000000	0.00000000	0.22388060	0.00000000	0.20000000	0.05000000
## 47	0.00000000	0.00000000	0.06153846	0.05970149	0.11940299	0.00000000
## 48	0.00000000	0.00000000	0.05479452	0.08695652	0.11475410	0.01724138
## 49	0.00000000	0.00000000	0.06666667	0.03174603	0.03278689	0.04761905
## 50	0.00000000	0.00000000	0.10144928	0.07894737	0.16666667	0.04347826
## 51	0.00000000	0.00000000	0.07575758	0.02985075	0.35483871	0.03333333
## 52	0.21917808	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 53	0.00000000	0.04166667	0.01538462	0.00000000	0.03389831	0.00000000
## 54	0.00000000	0.00000000	0.18461538	0.04081633	0.18181818	0.14814815
## 55	0.04225352	0.00000000	0.01515152	0.05970149	0.04687500	0.05357143
## 56	0.00000000	0.00000000	0.20270270	0.00000000	0.40909091	0.03636364
## 57	0.00000000	0.03030303	0.00000000	0.01428571	0.00000000	0.01470588
## 58	0.02739726	0.00000000	0.03076923	0.03125000	0.06000000	0.00000000
## 59	0.00000000	0.04918033	0.00000000	0.01492537	0.05000000	0.00000000
## 60	0.00000000	0.00000000	0.01960784	0.01515152	0.01612903	0.01886792
## 61	1.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
##	67	68	69	70	71	72
## 1	0.00000000	0.02739726	0.03333333	0.00000000	0.00000000	0.01587302
## 2	0.11290323	0.00000000	0.03125000	0.00000000	0.00000000	0.04285714
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.05128205	0.01388889

## 4	0.03030303	0.03030303	0.01428571	0.00000000	0.00000000	0.00000000
## 5	0.01515152	0.03278689	0.00000000	0.00000000	0.00000000	0.02469136
## 6	0.06493506	0.02702703	0.02898551	0.00000000	0.00000000	0.00000000
## 7	0.13924051	0.03658537	0.00000000	0.00000000	0.00000000	0.01123596
## 8	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 9	0.06557377	0.01515152	0.00000000	0.00000000	0.00000000	0.01428571
## 10	0.01694915	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000
## 11	0.01428571	0.00000000	0.08064516	0.00000000	0.00000000	0.00000000
## 12	0.03947368	0.01136364	0.01428571	0.00000000	0.00000000	0.01250000
## 13	0.00000000	0.01587302	0.00000000	0.02739726	0.05405405	0.00000000
## 14	0.03125000	0.03333333	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.01351351	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
## 16	0.02631579	0.01408451	0.04000000	0.00000000	0.00000000	0.03125000
## 17	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.01612903	0.06060606	0.03278689	0.00000000	0.00000000	0.00000000
## 19	0.01562500	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 20	0.03174603	0.01204819	0.00000000	0.01369863	0.01250000	0.02941176
## 21	0.06153846	0.00000000	0.01694915	0.00000000	0.00000000	0.01492537
## 22	0.08823529	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.07462687	0.01428571	0.02597403	0.00000000	0.00000000	0.02469136
## 24	0.04109589	0.02941176	0.00000000	0.00000000	0.06329114	0.01694915
## 25	0.07352941	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.02739726	0.08333333	0.03571429	0.00000000	0.07407407	0.04918033
## 27	0.03703704	0.01612903	0.01724138	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.02469136	0.02857143	0.00000000	0.00000000
## 29	0.01587302	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01562500	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 32	0.01587302	0.03225806	0.00000000	0.00000000	0.00000000	0.01639344
## 33	0.01298701	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.01612903	0.05555556	0.04000000	0.00000000	0.00000000	0.01333333
## 35	0.04477612	0.01754386	0.01724138	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000	0.00000000
## 38	0.05714286	0.02739726	0.01388889	0.00000000	0.00000000	0.01449275
## 39	0.04761905	0.03174603	0.04761905	0.00000000	0.00000000	0.00000000
## 40	0.03125000	0.05405405	0.00000000	0.00000000	0.01369863	0.01492537
## 41	0.01515152	0.05882353	0.03125000	0.00000000	0.00000000	0.01449275
## 42	0.04347826	0.02739726	0.01562500	0.00000000	0.00000000	0.05000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000	0.00000000
## 44	0.00000000	0.15873016	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01449275	0.09523810	0.04687500	0.00000000	0.00000000	0.00000000
## 46	0.06153846	0.08196721	0.01960784	0.00000000	0.00000000	0.04615385
## 47	0.07142857	0.01333333	0.03125000	0.00000000	0.00000000	0.03703704
## 48	0.09375000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.03278689	0.09090909	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.06779661	0.05714286	0.01333333	0.00000000	0.01250000	0.01449275
## 51	0.08064516	0.04166667	0.06060606	0.00000000	0.00000000	0.01492537
## 52	0.00000000	0.00000000	0.00000000	0.01351351	0.02898551	0.01515152
## 53	0.08196721	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.02941176	0.04615385	0.00000000	0.00000000	0.00000000	0.01562500
## 55	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.09090909	0.01612903	0.04615385	0.00000000	0.00000000	0.02857143
## 57	0.00000000	0.00000000	0.00000000	0.01388889	0.01388889	0.00000000

## 58	0.01818182	0.03333333	0.01612903	0.00000000	0.01538462	0.03333333
## 59	0.06153846	0.01315789	0.00000000	0.00000000	0.00000000	0.04477612
## 60	0.01470588	0.03278689	0.01538462	0.00000000	0.00000000	0.04109589
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000
##	73	74	75	76	77	78
## 1	0.01408451	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 2	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.10526316
## 3	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.06756757	0.00000000	0.04109589	0.00000000	0.00000000	0.03076923
## 5	0.05479452	0.00000000	0.01724138	0.00000000	0.00000000	0.03030303
## 6	0.02531646	0.00000000	0.05633803	0.00000000	0.00000000	0.07142857
## 7	0.10975610	0.00000000	0.02777778	0.00000000	0.00000000	0.16250000
## 8	0.07792208	0.00000000	0.02702703	0.00000000	0.00000000	0.12162162
## 9	0.07594937	0.00000000	0.08450704	0.00000000	0.00000000	0.14285714
## 10	0.01351351	0.00000000	0.08196721	0.03448276	0.00000000	0.06060606
## 11	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000	0.01639344
## 12	0.01250000	0.00000000	0.02631579	0.00000000	0.00000000	0.04285714
## 13	0.00000000	0.03703704	0.00000000	0.00000000	0.01492537	0.00000000
## 14	0.06756757	0.00000000	0.01492537	0.00000000	0.00000000	0.07142857
## 15	0.04597701	0.00000000	0.03846154	0.03125000	0.05063291	0.05000000
## 16	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 17	0.07575758	0.00000000	0.01694915	0.00000000	0.00000000	0.07692308
## 18	0.05194805	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 19	0.02857143	0.00000000	0.05882353	0.00000000	0.00000000	0.02941176
## 20	0.02272727	0.01694915	0.04000000	0.01369863	0.10389610	0.00000000
## 21	0.13846154	0.00000000	0.06666667	0.00000000	0.00000000	0.23076923
## 22	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000	0.06250000
## 23	0.02500000	0.00000000	0.01265823	0.00000000	0.00000000	0.09230769
## 24	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.02898551
## 25	0.01162791	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 27	0.08823529	0.00000000	0.01694915	0.00000000	0.00000000	0.14035088
## 28	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01428571	0.00000000	0.03030303	0.00000000	0.00000000	0.01612903
## 30	0.01408451	0.00000000	0.00000000	0.04761905	0.04838710	0.01694915
## 31	0.02597403	0.00000000	0.00000000	0.13114754	0.07692308	0.05970149
## 32	0.01449275	0.00000000	0.04918033	0.00000000	0.00000000	0.02857143
## 33	0.01250000	0.01333333	0.01492537	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.02739726
## 35	0.13157895	0.00000000	0.05357143	0.00000000	0.00000000	0.26000000
## 36	0.00000000	0.01851852	0.00000000	0.03389831	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.07042254	0.00000000
## 38	0.07142857	0.00000000	0.01265823	0.00000000	0.00000000	0.08219178
## 39	0.05333333	0.00000000	0.03225806	0.00000000	0.00000000	0.06349206
## 40	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.02702703
## 41	0.05128205	0.00000000	0.00000000	0.00000000	0.00000000	0.14754098
## 42	0.06578947	0.00000000	0.02702703	0.00000000	0.00000000	0.08196721
## 43	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792
## 45	0.01408451	0.00000000	0.01408451	0.00000000	0.00000000	0.02985075
## 46	0.05714286	0.00000000	0.06153846	0.00000000	0.00000000	0.06153846
## 47	0.01666667	0.00000000	0.05000000	0.01724138	0.00000000	0.01785714
## 48	0.10769231	0.00000000	0.01449275	0.00000000	0.00000000	0.30769231
## 49	0.04761905	0.01724138	0.05405405	0.00000000	0.01388889	0.05882353



## 50	0.02985075	0.00000000	0.01298701	0.01408451	0.00000000	0.05633803
## 51	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.12500000
## 52	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.09210526	0.00000000	0.11111111	0.02985075	0.01219512	0.12162162
## 54	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 55	0.01538462	0.00000000	0.01449275	0.00000000	0.01351351	0.01492537
## 56	0.06756757	0.00000000	0.04000000	0.00000000	0.00000000	0.13432836
## 57	0.04285714	0.01818182	0.00000000	0.03278689	0.11111111	0.00000000
## 58	0.01408451	0.00000000	0.01538462	0.00000000	0.00000000	0.06896552
## 59	0.02564103	0.00000000	0.01449275	0.00000000	0.00000000	0.04166667
## 60	0.00000000	0.00000000	0.01886792	0.00000000	0.00000000	0.03174603
## 61	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
##	79	80	81	82	83	84
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.05769231	0.12857143	0.02702703	0.01562500	0.06756757
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.02985075	0.05714286	0.00000000	0.00000000	0.01470588
## 5	0.00000000	0.00000000	0.06329114	0.01333333	0.00000000	0.04687500
## 6	0.00000000	0.07246377	0.07792208	0.00000000	0.00000000	0.06849315
## 7	0.00000000	0.12195122	0.17391304	0.02352941	0.02564103	0.02631579
## 8	0.00000000	0.08955224	0.14942529	0.01265823	0.00000000	0.03947368
## 9	0.00000000	0.14516129	0.22222222	0.01333333	0.00000000	0.09523810
## 10	0.01562500	0.05882353	0.05333333	0.11864407	0.08064516	0.14516129
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.08955224	0.07792208	0.01052632	0.02564103	0.02409639
## 13	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 14	0.00000000	0.10447761	0.06153846	0.01818182	0.00000000	0.01724138
## 15	0.02500000	0.01351351	0.02352941	0.22368421	0.08450704	0.06896552
## 16	0.00000000	0.03225806	0.03750000	0.01333333	0.01369863	0.01388889
## 17	0.00000000	0.05797101	0.05194805	0.01369863	0.00000000	0.05970149
## 18	0.00000000	0.01724138	0.01369863	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01298701	0.04687500	0.00000000	0.01449275
## 20	0.00000000	0.06944444	0.01315789	0.03797468	0.00000000	0.04054054
## 21	0.00000000	0.13333333	0.17073171	0.05333333	0.00000000	0.05882353
## 22	0.00000000	0.03278689	0.05714286	0.01234568	0.00000000	0.03076923
## 23	0.00000000	0.06557377	0.05128205	0.03947368	0.03076923	0.08695652
## 24	0.00000000	0.03225806	0.01315789	0.00000000	0.00000000	0.01428571
## 25	0.00000000	0.08196721	0.05128205	0.01298701	0.01492537	0.00000000
## 26	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.09259259	0.10937500	0.01408451	0.00000000	0.04000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.04838710	0.04109589	0.00000000	0.01612903	0.04838710
## 30	0.07407407	0.00000000	0.01282051	0.02816901	0.01538462	0.04166667
## 31	0.01470588	0.06578947	0.09756098	0.10526316	0.10447761	0.08695652
## 32	0.00000000	0.03389831	0.00000000	0.04000000	0.00000000	0.01492537
## 33	0.00000000	0.03030303	0.02531646	0.00000000	0.00000000	0.01351351
## 34	0.00000000	0.07017544	0.01351351	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.12307692	0.17333333	0.06779661	0.01428571	0.14516129
## 36	0.05084746	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01298701	0.01612903	0.01265823	0.01333333	0.00000000	0.04545455
## 38	0.00000000	0.13432836	0.08641975	0.01234568	0.00000000	0.01315789
## 39	0.00000000	0.03389831	0.05555556	0.00000000	0.01851852	0.04109589
## 40	0.00000000	0.02857143	0.01315789	0.00000000	0.00000000	0.01492537
## 41	0.00000000	0.06250000	0.14814815	0.03703704	0.04838710	0.07042254

## 42	0.00000000	0.03947368	0.09230769	0.04109589	0.02777778	0.04225352
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01449275	0.00000000	0.00000000	0.01587302	0.00000000
## 45	0.00000000	0.04615385	0.01515152	0.00000000	0.00000000	0.01587302
## 46	0.00000000	0.07812500	0.05128205	0.00000000	0.00000000	0.01369863
## 47	0.00000000	0.10606061	0.04109589	0.00000000	0.00000000	0.04687500
## 48	0.00000000	0.13432836	0.29230769	0.05479452	0.03333333	0.17808219
## 49	0.00000000	0.05263158	0.11428571	0.00000000	0.00000000	0.07042254
## 50	0.00000000	0.08064516	0.04166667	0.01351351	0.01612903	0.00000000
## 51	0.00000000	0.08955224	0.10606061	0.04545455	0.01492537	0.05882353
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.14814815	0.10256410	0.09090909	0.07692308	0.10256410
## 54	0.00000000	0.10909091	0.06451613	0.00000000	0.00000000	0.04687500
## 55	0.00000000	0.01639344	0.00000000	0.01492537	0.00000000	0.00000000
## 56	0.00000000	0.12676056	0.09090909	0.01470588	0.04477612	0.05479452
## 57	0.04347826	0.01428571	0.02631579	0.02702703	0.02985075	0.04000000
## 58	0.00000000	0.01886792	0.04285714	0.01388889	0.01818182	0.02739726
## 59	0.00000000	0.03225806	0.05000000	0.00000000	0.02702703	0.01587302
## 60	0.00000000	0.01754386	0.02666667	0.00000000	0.00000000	0.01666667
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	85	86	87	88	89	90
## 1	0.00000000	0.01492537	0.00000000	0.00000000	0.03846154	0.00000000
## 2	0.01369863	0.01298701	0.02857143	0.01515152	0.06451613	0.01612903
## 3	0.01562500	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.01219512	0.01538462	0.08450704	0.00000000
## 5	0.00000000	0.01587302	0.00000000	0.00000000	0.06896552	0.00000000
## 6	0.00000000	0.01449275	0.00000000	0.00000000	0.08474576	0.00000000
## 7	0.01219512	0.05194805	0.00000000	0.01250000	0.17567568	0.00000000
## 8	0.00000000	0.04477612	0.00000000	0.00000000	0.16438356	0.01408451
## 9	0.00000000	0.00000000	0.01369863	0.02816901	0.23809524	0.01612903
## 10	0.00000000	0.00000000	0.05660377	0.14285714	0.01923077	0.00000000
## 11	0.00000000	0.03076923	0.01298701	0.00000000	0.03448276	0.02597403
## 12	0.00000000	0.04054054	0.00000000	0.00000000	0.05063291	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.05555556	0.00000000	0.00000000	0.18032787	0.00000000
## 15	0.00000000	0.00000000	0.01123596	0.01388889	0.03389831	0.00000000
## 16	0.00000000	0.01538462	0.00000000	0.00000000	0.04545455	0.00000000
## 17	0.00000000	0.06250000	0.00000000	0.00000000	0.12121212	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.01587302
## 19	0.00000000	0.00000000	0.01388889	0.02739726	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.03174603	0.01538462	0.01515152	0.13333333	0.00000000
## 22	0.00000000	0.02777778	0.00000000	0.00000000	0.03278689	0.00000000
## 23	0.00000000	0.01428571	0.00000000	0.00000000	0.10769231	0.00000000
## 24	0.02500000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.03030303	0.00000000	0.00000000	0.04166667	0.02941176
## 26	0.00000000	0.06451613	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.01754386	0.00000000	0.00000000	0.26229508	0.00000000
## 28	0.00000000	0.01538462	0.01333333	0.00000000	0.02597403	0.02985075
## 29	0.00000000	0.00000000	0.00000000	0.01612903	0.01754386	0.01639344
## 30	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000	0.01818182
## 31	0.00000000	0.00000000	0.01315789	0.04545455	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 33	0.00000000	0.04545455	0.00000000	0.00000000	0.01515152	0.00000000

## 34	0.00000000	0.03333333	0.00000000	0.00000000	0.01851852	0.00000000
## 35	0.00000000	0.01587302	0.00000000	0.03225806	0.22033898	0.00000000
## 36	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000	0.00000000
## 38	0.00000000	0.05714286	0.00000000	0.00000000	0.14925373	0.00000000
## 39	0.00000000	0.02777778	0.00000000	0.00000000	0.13333333	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.15873016	0.00000000
## 42	0.01449275	0.00000000	0.00000000	0.00000000	0.08219178	0.00000000
## 43	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.01612903
## 45	0.00000000	0.03125000	0.00000000	0.00000000	0.01724138	0.01612903
## 46	0.00000000	0.04838710	0.00000000	0.00000000	0.05555556	0.00000000
## 47	0.00000000	0.03571429	0.00000000	0.01724138	0.03225806	0.00000000
## 48	0.00000000	0.04687500	0.00000000	0.03174603	0.17910448	0.01886792
## 49	0.00000000	0.01492537	0.00000000	0.04477612	0.07936508	0.03278689
## 50	0.00000000	0.06060606	0.00000000	0.01428571	0.01369863	0.00000000
## 51	0.01298701	0.01587302	0.01470588	0.00000000	0.18367347	0.00000000
## 52	0.03076923	0.07462687	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.03947368	0.09859155	0.00000000	0.01666667
## 54	0.01639344	0.07936508	0.00000000	0.00000000	0.07407407	0.01724138
## 55	0.00000000	0.16326531	0.00000000	0.00000000	0.03636364	0.00000000
## 56	0.00000000	0.06153846	0.00000000	0.00000000	0.05084746	0.01515152
## 57	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.01818182	0.04000000	0.00000000
## 59	0.01408451	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 60	0.01612903	0.01754386	0.00000000	0.00000000	0.01612903	0.00000000
## 61	0.07317073	0.04477612	0.00000000	0.00000000	0.01562500	0.00000000
##	91	92	93	94	95	96
## 1	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.01666667	0.03773585	0.03174603	0.00000000	0.02777778
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 4	0.00000000	0.00000000	0.13636364	0.00000000	0.00000000	0.01298701
## 5	0.00000000	0.00000000	0.13793103	0.00000000	0.00000000	0.04225352
## 6	0.00000000	0.01470588	0.21126761	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.01234568	0.33802817	0.01219512	0.00000000	0.00000000
## 8	0.00000000	0.01408451	0.12307692	0.01562500	0.00000000	0.04225352
## 9	0.00000000	0.01369863	0.13333333	0.00000000	0.00000000	0.05633803
## 10	0.04615385	0.16071429	0.00000000	0.00000000	0.00000000	0.09230769
## 11	0.01408451	0.00000000	0.07407407	0.05555556	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.26470588	0.00000000	0.00000000	0.01219512
## 13	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.26229508	0.00000000	0.00000000	0.00000000
## 15	0.03076923	0.19480519	0.00000000	0.01265823	0.02898551	0.11904762
## 16	0.00000000	0.00000000	0.07812500	0.00000000	0.00000000	0.01298701
## 17	0.00000000	0.00000000	0.18333333	0.00000000	0.00000000	0.03125000
## 18	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 20	0.01388889	0.03846154	0.00000000	0.00000000	0.00000000	0.02941176
## 21	0.00000000	0.03333333	0.14516129	0.01612903	0.00000000	0.04347826
## 22	0.00000000	0.00000000	0.23188406	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.01449275	0.29411765	0.00000000	0.00000000	0.03750000
## 24	0.00000000	0.01492537	0.18181818	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.01449275	0.07575758	0.00000000	0.00000000	0.00000000

## 26	0.00000000	0.00000000	0.03703704	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.01639344	0.11111111	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.01234568	0.02777778	0.00000000
## 29	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000	0.02857143
## 30	0.06557377	0.05263158	0.00000000	0.00000000	0.03333333	0.09375000
## 31	0.08955224	0.15873016	0.00000000	0.07042254	0.02739726	0.19444444
## 32	0.00000000	0.01408451	0.01724138	0.00000000	0.00000000	0.04477612
## 33	0.00000000	0.00000000	0.08474576	0.00000000	0.00000000	0.01408451
## 34	0.00000000	0.01612903	0.04545455	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.05000000	0.21153846	0.00000000	0.00000000	0.00000000
## 36	0.01369863	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000
## 37	0.00000000	0.02898551	0.00000000	0.00000000	0.02816901	0.01333333
## 38	0.00000000	0.01315789	0.29411765	0.00000000	0.00000000	0.01250000
## 39	0.00000000	0.00000000	0.26984127	0.00000000	0.00000000	0.02469136
## 40	0.00000000	0.01388889	0.01639344	0.00000000	0.00000000	0.01190476
## 41	0.00000000	0.00000000	0.23333333	0.00000000	0.00000000	0.02777778
## 42	0.00000000	0.00000000	0.15384615	0.00000000	0.00000000	0.02985075
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.15625000	0.00000000	0.00000000	0.01351351
## 46	0.00000000	0.01587302	0.13114754	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.36666667	0.00000000	0.00000000	0.01515152
## 48	0.00000000	0.03225806	0.24074074	0.00000000	0.00000000	0.06557377
## 49	0.00000000	0.00000000	0.07692308	0.01639344	0.00000000	0.04615385
## 50	0.01492537	0.01515152	0.17142857	0.00000000	0.01538462	0.01282051
## 51	0.00000000	0.03076923	0.18644068	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.02941176	0.15384615	0.00000000	0.03947368	0.00000000	0.40909091
## 54	0.00000000	0.01724138	0.14545455	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.01538462	0.56451613	0.00000000	0.00000000	0.01265823
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606	0.03614458
## 58	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000	0.01639344
## 59	0.00000000	0.00000000	0.01351351	0.01408451	0.01515152	0.01515152
## 60	0.00000000	0.00000000	0.05660377	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	97	98	99	100	101	102
## 1	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.01587302	0.14705882	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.04687500	0.01562500
## 4	0.00000000	0.00000000	0.08955224	0.10714286	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.07692308	0.12698413	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.13235294	0.21212121	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.14814815	0.23287671	0.00000000	0.01369863
## 8	0.01333333	0.00000000	0.07462687	0.23611111	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.05000000	0.13043478	0.01315789	0.00000000
## 10	0.02777778	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.07142857	0.06944444	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.18571429	0.25974026	0.00000000	0.00000000
## 13	0.03125000	0.01408451	0.00000000	0.00000000	0.04109589	0.01538462
## 14	0.00000000	0.00000000	0.22807018	0.34426230	0.00000000	0.00000000
## 15	0.01388889	0.04054054	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01333333	0.04000000	0.07692308	0.00000000	0.01492537
## 17	0.00000000	0.00000000	0.08571429	0.11764706	0.00000000	0.00000000

## 18	0.00000000	0.00000000	0.03333333	0.03571429	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901	0.02777778
## 20	0.04411765	0.10526316	0.00000000	0.00000000	0.02666667	0.01369863
## 21	0.00000000	0.00000000	0.06779661	0.27272727	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.06060606	0.11290323	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.16000000	0.13235294	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.05000000	0.06779661	0.06756757	0.04109589
## 25	0.00000000	0.00000000	0.04285714	0.05555556	0.00000000	0.00000000
## 26	0.01562500	0.00000000	0.00000000	0.03174603	0.04545455	0.01388889
## 27	0.00000000	0.00000000	0.13432836	0.07692308	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.02941176	0.01388889	0.00000000	0.00000000
## 30	0.01666667	0.16129032	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01388889	0.04054054	0.00000000	0.02777778	0.00000000	0.00000000
## 32	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.10294118	0.05970149	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.01785714	0.13432836	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.16949153	0.21568627	0.00000000	0.00000000
## 36	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01315789	0.10810811	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.23611111	0.30434783	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.23437500	0.33802817	0.01351351	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.12500000	0.39285714	0.01408451	0.00000000
## 42	0.00000000	0.00000000	0.04347826	0.15000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.01428571	0.00000000	0.02777778	0.08450704
## 44	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.07246377	0.13559322	0.01351351	0.00000000
## 46	0.01587302	0.00000000	0.18333333	0.09677419	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.30645161	0.17741935	0.01562500	0.00000000
## 48	0.00000000	0.00000000	0.20634921	0.34426230	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.08450704	0.16129032	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.15942029	0.15714286	0.01470588	0.00000000
## 51	0.00000000	0.00000000	0.16923077	0.24242424	0.00000000	0.00000000
## 52	0.02777778	0.00000000	0.00000000	0.00000000	0.04477612	0.03389831
## 53	0.00000000	0.01666667	0.00000000	0.02816901	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.15873016	0.17543860	0.01538462	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01639344	0.01639344	0.03389831
## 56	0.00000000	0.00000000	0.25806452	0.42253521	0.00000000	0.00000000
## 57	0.02597403	0.09589041	0.00000000	0.00000000	0.04166667	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806	0.03125000
## 59	0.02702703	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 60	0.03076923	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857	0.20289855
##	103	104	105	106	107	108
## 1	0.02272727	0.00000000	0.01428571	0.05454545	0.00000000	0.03389831
## 2	0.02083333	0.00000000	0.06060606	0.08823529	0.00000000	0.05660377
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.05000000	0.00000000	0.01315789	0.08064516	0.00000000	0.02898551
## 5	0.08064516	0.00000000	0.00000000	0.09722222	0.00000000	0.03773585
## 6	0.13461538	0.00000000	0.00000000	0.10606061	0.00000000	0.03389831
## 7	0.04545455	0.01162791	0.03750000	0.21621622	0.00000000	0.04878049
## 8	0.04761905	0.01449275	0.06329114	0.13888889	0.00000000	0.02985075
## 9	0.06451613	0.00000000	0.00000000	0.08333333	0.00000000	0.08064516

## 10	0.00000000	0.12500000	0.00000000	0.01754386	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01492537	0.05555556	0.00000000	0.00000000
## 12	0.06250000	0.00000000	0.01333333	0.16901408	0.00000000	0.06349206
## 13	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.20000000	0.02040816	0.00000000	0.25454545	0.00000000	0.02083333
## 15	0.03333333	0.14666667	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01724138	0.00000000	0.08064516	0.10294118	0.00000000	0.01315789
## 17	0.01886792	0.00000000	0.03508772	0.10909091	0.00000000	0.02985075
## 18	0.19642857	0.01562500	0.04477612	0.04918033	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 20	0.00000000	0.01470588	0.02816901	0.00000000	0.02666667	0.04687500
## 21	0.18000000	0.01492537	0.09523810	0.25806452	0.00000000	0.07575758
## 22	0.10344828	0.01587302	0.03571429	0.01666667	0.00000000	0.01694915
## 23	0.05882353	0.01562500	0.00000000	0.15384615	0.00000000	0.07352941
## 24	0.02040816	0.00000000	0.00000000	0.10769231	0.00000000	0.04347826
## 25	0.03448276	0.00000000	0.05405405	0.06493506	0.00000000	0.01587302
## 26	0.06000000	0.00000000	0.03125000	0.02000000	0.00000000	0.00000000
## 27	0.06382979	0.00000000	0.00000000	0.07407407	0.00000000	0.01282051
## 28	0.00000000	0.00000000	0.01408451	0.00000000	0.01851852	0.01449275
## 29	0.03174603	0.00000000	0.00000000	0.03508772	0.00000000	0.07462687
## 30	0.00000000	0.12244898	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01666667	0.10000000	0.01428571	0.03076923	0.00000000	0.01492537
## 32	0.03846154	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 33	0.05454545	0.00000000	0.00000000	0.09333333	0.00000000	0.00000000
## 34	0.30909091	0.00000000	0.03174603	0.09836066	0.00000000	0.01470588
## 35	0.15789474	0.01666667	0.00000000	0.25000000	0.00000000	0.01754386
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.18518519	0.00000000	0.00000000	0.19718310	0.00000000	0.07246377
## 39	0.08333333	0.00000000	0.02631579	0.34375000	0.00000000	0.00000000
## 40	0.03571429	0.00000000	0.00000000	0.01449275	0.00000000	0.03278689
## 41	0.28333333	0.02985075	0.00000000	0.28787879	0.00000000	0.03174603
## 42	0.09090909	0.01388889	0.01449275	0.21311475	0.00000000	0.03030303
## 43	0.00000000	0.00000000	0.00000000	0.01315789	0.01449275	0.00000000
## 44	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.13333333	0.00000000	0.01408451	0.04000000	0.00000000	0.01639344
## 46	0.19148936	0.01612903	0.04545455	0.14754098	0.00000000	0.05970149
## 47	0.04545455	0.00000000	0.00000000	0.17307692	0.00000000	0.05797101
## 48	0.09433962	0.01851852	0.01562500	0.37288136	0.00000000	0.05263158
## 49	0.03389831	0.01724138	0.00000000	0.14062500	0.00000000	0.08333333
## 50	0.12280702	0.01754386	0.01388889	0.12068966	0.00000000	0.04838710
## 51	0.15517241	0.01492537	0.00000000	0.32653061	0.00000000	0.03921569
## 52	0.00000000	0.00000000	0.04761905	0.00000000	0.07272727	0.00000000
## 53	0.01818182	0.11290323	0.00000000	0.03225806	0.00000000	0.01639344
## 54	0.08333333	0.00000000	0.01515152	0.09375000	0.00000000	0.12698413
## 55	0.00000000	0.00000000	0.03508772	0.03508772	0.00000000	0.00000000
## 56	0.12000000	0.00000000	0.01470588	0.31578947	0.00000000	0.05084746
## 57	0.00000000	0.02816901	0.02666667	0.00000000	0.01587302	0.00000000
## 58	0.05769231	0.01754386	0.02898551	0.04000000	0.02040816	0.03389831
## 59	0.00000000	0.00000000	0.04347826	0.01428571	0.00000000	0.08695652
## 60	0.03448276	0.00000000	0.04411765	0.01754386	0.00000000	0.03225806
## 61	0.00000000	0.00000000	0.01219512	0.01724138	0.03448276	0.00000000
##	109	110	111	112	113	114
## 1	0.00000000	0.00000000	0.00000000	0.05714286	0.00000000	0.11764706

## 2	0.00000000	0.02857143	0.00000000	0.15254237	0.00000000	0.12280702
## 3	0.02857143	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.02898551	0.00000000	0.13846154	0.02857143	0.26388889
## 5	0.00000000	0.07142857	0.00000000	0.11111111	0.00000000	0.26086957
## 6	0.00000000	0.02702703	0.00000000	0.13157895	0.00000000	0.20779221
## 7	0.00000000	0.05813953	0.00000000	0.41333333	0.01315789	0.22972973
## 8	0.00000000	0.05194805	0.00000000	0.23611111	0.00000000	0.17500000
## 9	0.00000000	0.05882353	0.00000000	0.15151515	0.00000000	0.09090909
## 10	0.01470588	0.00000000	0.02777778	0.01694915	0.00000000	0.01282051
## 11	0.00000000	0.04477612	0.00000000	0.02666667	0.01515152	0.05797101
## 12	0.00000000	0.14634146	0.00000000	0.12500000	0.00000000	0.24000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 14	0.00000000	0.13846154	0.00000000	0.15517241	0.00000000	0.20689655
## 15	0.00000000	0.00000000	0.02564103	0.01219512	0.00000000	0.00000000
## 16	0.00000000	0.23076923	0.00000000	0.07352941	0.02857143	0.06756757
## 17	0.00000000	0.06666667	0.00000000	0.09090909	0.00000000	0.17910448
## 18	0.00000000	0.04545455	0.00000000	0.04918033	0.00000000	0.04687500
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.02631579	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 21	0.00000000	0.15873016	0.00000000	0.38356164	0.00000000	0.18571429
## 22	0.00000000	0.04545455	0.00000000	0.04615385	0.00000000	0.14285714
## 23	0.00000000	0.11666667	0.00000000	0.12500000	0.01408451	0.37288136
## 24	0.00000000	0.06451613	0.00000000	0.04687500	0.00000000	0.10294118
## 25	0.00000000	0.00000000	0.00000000	0.11764706	0.00000000	0.07042254
## 26	0.03225806	0.07246377	0.01408451	0.03773585	0.00000000	0.01369863
## 27	0.00000000	0.08196721	0.00000000	0.09433962	0.00000000	0.03333333
## 28	0.02666667	0.05633803	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.04054054	0.00000000	0.01724138
## 30	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.02777778	0.01587302	0.00000000	0.01515152
## 32	0.00000000	0.00000000	0.04347826	0.01694915	0.00000000	0.01587302
## 33	0.00000000	0.01250000	0.00000000	0.08641975	0.00000000	0.07246377
## 34	0.00000000	0.06349206	0.00000000	0.08000000	0.00000000	0.07936508
## 35	0.00000000	0.10714286	0.00000000	0.14285714	0.00000000	0.16949153
## 36	0.01562500	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 37	0.01492537	0.00000000	0.02857143	0.00000000	0.06153846	0.00000000
## 38	0.00000000	0.14285714	0.00000000	0.16666667	0.00000000	0.25000000
## 39	0.00000000	0.23076923	0.00000000	0.12162162	0.00000000	0.19402985
## 40	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.01408451
## 41	0.00000000	0.12121212	0.00000000	0.17105263	0.00000000	0.31578947
## 42	0.00000000	0.08333333	0.00000000	0.10666667	0.00000000	0.22058824
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403	0.00000000
## 44	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.04687500	0.00000000	0.07142857	0.00000000	0.16666667
## 46	0.00000000	0.08333333	0.00000000	0.15492958	0.00000000	0.21875000
## 47	0.00000000	0.05454545	0.00000000	0.16129032	0.01666667	0.11111111
## 48	0.00000000	0.10769231	0.00000000	0.23076923	0.00000000	0.15254237
## 49	0.00000000	0.01298701	0.00000000	0.11940299	0.02000000	0.04615385
## 50	0.00000000	0.08695652	0.00000000	0.16901408	0.01351351	0.07575758
## 51	0.00000000	0.06896552	0.00000000	0.30769231	0.00000000	0.38095238
## 52	0.01694915	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01315789	0.00000000	0.01351351	0.04285714	0.00000000	0.00000000
## 54	0.00000000	0.03846154	0.00000000	0.22535211	0.00000000	0.20634921
## 55	0.01428571	0.07812500	0.00000000	0.02985075	0.01492537	0.00000000

## 56	0.00000000	0.14035088	0.00000000	0.12500000	0.00000000	0.19672131
## 57	0.01449275	0.01515152	0.03658537	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.05714286	0.00000000	0.01612903
## 59	0.01562500	0.00000000	0.00000000	0.06779661	0.00000000	0.01562500
## 60	0.01639344	0.00000000	0.00000000	0.06349206	0.00000000	0.04687500
## 61	0.00000000	0.01388889	0.00000000	0.01408451	0.00000000	0.00000000
##	115	116	117	118	119	120
## 1	0.04477612	0.15277778	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.02500000	0.03333333	0.02857143	0.01694915	0.00000000	0.04477612
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.02702703	0.04347826	0.01250000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.07142857	0.00000000	0.00000000	0.00000000	0.01333333
## 6	0.02816901	0.05714286	0.00000000	0.01333333	0.00000000	0.00000000
## 7	0.00000000	0.15189873	0.01111111	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.24324324	0.01351351	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.15068493	0.02898551	0.00000000	0.00000000	0.01470588
## 10	0.00000000	0.00000000	0.05882353	0.05084746	0.06060606	0.01408451
## 11	0.00000000	0.01369863	0.05000000	0.00000000	0.05479452	0.04225352
## 12	0.03947368	0.11688312	0.00000000	0.01176471	0.00000000	0.00000000
## 13	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.04477612	0.12121212	0.00000000	0.04545455	0.00000000	0.00000000
## 15	0.02500000	0.00000000	0.02666667	0.02666667	0.04054054	0.01265823
## 16	0.02666667	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.01449275	0.06756757	0.00000000	0.01449275	0.00000000	0.00000000
## 18	0.00000000	0.01612903	0.00000000	0.02702703	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.06557377	0.00000000	0.00000000
## 20	0.01234568	0.01408451	0.00000000	0.01470588	0.00000000	0.00000000
## 21	0.01388889	0.09375000	0.02777778	0.03448276	0.00000000	0.00000000
## 22	0.00000000	0.06060606	0.00000000	0.01351351	0.00000000	0.00000000
## 23	0.01298701	0.07575758	0.02739726	0.01470588	0.00000000	0.01408451
## 24	0.00000000	0.02777778	0.00000000	0.01408451	0.00000000	0.01298701
## 25	0.00000000	0.10958904	0.01219512	0.00000000	0.00000000	0.01333333
## 26	0.08571429	0.03448276	0.00000000	0.01408451	0.00000000	0.00000000
## 27	0.01369863	0.10169492	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02173913
## 29	0.07042254	0.05633803	0.00000000	0.03389831	0.00000000	0.06349206
## 30	0.00000000	0.00000000	0.01428571	0.01612903	0.01639344	0.01369863
## 31	0.00000000	0.00000000	0.03703704	0.04054054	0.04411765	0.02857143
## 32	0.00000000	0.01333333	0.01428571	0.07462687	0.00000000	0.01562500
## 33	0.01388889	0.05479452	0.00000000	0.01408451	0.00000000	0.00000000
## 34	0.01449275	0.01515152	0.00000000	0.04761905	0.00000000	0.00000000
## 35	0.00000000	0.06349206	0.00000000	0.01515152	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.01449275	0.00000000	0.01587302	0.00000000
## 37	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01315789	0.09210526	0.00000000	0.03947368	0.00000000	0.00000000
## 39	0.01515152	0.06250000	0.01315789	0.00000000	0.00000000	0.00000000
## 40	0.04000000	0.01612903	0.00000000	0.01470588	0.00000000	0.00000000
## 41	0.01428571	0.06756757	0.00000000	0.01449275	0.00000000	0.00000000
## 42	0.00000000	0.04411765	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.08823529	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.05000000	0.00000000	0.01428571	0.00000000	0.01408451	0.00000000
## 45	0.02816901	0.01587302	0.00000000	0.03947368	0.00000000	0.00000000
## 46	0.04285714	0.15151515	0.00000000	0.04687500	0.00000000	0.00000000
## 47	0.02898551	0.10526316	0.01449275	0.00000000	0.00000000	0.00000000



## 48	0.02816901	0.11267606	0.00000000	0.05479452	0.00000000	0.00000000
## 49	0.05263158	0.02941176	0.00000000	0.05000000	0.01639344	0.03030303
## 50	0.07228916	0.08695652	0.00000000	0.04109589	0.00000000	0.01351351
## 51	0.01562500	0.02985075	0.01282051	0.04615385	0.00000000	0.01612903
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01298701	0.00000000	0.08823529	0.06944444	0.04938272	0.02816901
## 54	0.01492537	0.08823529	0.00000000	0.01538462	0.00000000	0.00000000
## 55	0.13043478	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.01449275	0.09523810	0.01562500	0.03125000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01388889	0.00000000	0.01538462	0.00000000	0.01515152
## 59	0.01428571	0.09230769	0.00000000	0.01470588	0.00000000	0.01408451
## 60	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.04054054	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	121	122	123	124	125	126
## 1	0.00000000	0.01492537	0.00000000	0.01612903	0.00000000	0.00000000
## 2	0.02941176	0.00000000	0.00000000	0.03508772	0.05797101	0.00000000
## 3	0.00000000	0.12121212	0.00000000	0.01333333	0.00000000	0.00000000
## 4	0.00000000	0.01369863	0.00000000	0.04347826	0.01123596	0.00000000
## 5	0.01449275	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.03797468	0.02469136	0.00000000
## 7	0.01351351	0.00000000	0.00000000	0.01282051	0.01250000	0.00000000
## 8	0.01388889	0.00000000	0.00000000	0.01333333	0.05000000	0.00000000
## 9	0.01515152	0.00000000	0.00000000	0.05970149	0.02941176	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.05454545	0.01428571	0.01754386
## 11	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 13	0.00000000	0.03278689	0.00000000	0.00000000	0.01369863	0.00000000
## 14	0.01886792	0.00000000	0.00000000	0.04918033	0.01587302	0.00000000
## 15	0.00000000	0.00000000	0.02777778	0.01515152	0.13888889	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.01538462	0.01298701	0.00000000
## 19	0.00000000	0.00000000	0.01538462	0.05970149	0.02666667	0.00000000
## 20	0.00000000	0.03125000	0.07894737	0.00000000	0.01136364	0.08955224
## 21	0.00000000	0.00000000	0.00000000	0.05084746	0.02702703	0.00000000
## 22	0.01612903	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 23	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.04761905	0.00000000	0.02857143	0.00000000	0.00000000
## 25	0.01388889	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 26	0.00000000	0.01388889	0.01666667	0.00000000	0.00000000	0.00000000
## 27	0.01724138	0.00000000	0.00000000	0.10769231	0.01298701	0.00000000
## 28	0.02597403	0.00000000	0.04000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.03636364
## 31	0.01492537	0.00000000	0.00000000	0.01388889	0.03750000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01562500	0.01428571	0.00000000
## 33	0.04000000	0.01388889	0.00000000	0.03030303	0.01298701	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
## 35	0.01538462	0.00000000	0.00000000	0.09677419	0.04285714	0.00000000
## 36	0.04000000	0.00000000	0.23529412	0.00000000	0.00000000	0.02816901
## 37	0.00000000	0.01666667	0.00000000	0.01298701	0.02941176	0.03125000
## 38	0.01428571	0.00000000	0.00000000	0.06756757	0.02352941	0.00000000
## 39	0.01612903	0.01785714	0.00000000	0.01724138	0.00000000	0.00000000

## 40	0.00000000	0.04615385	0.00000000	0.01428571	0.00000000	0.00000000
## 41	0.01408451	0.01492537	0.00000000	0.03125000	0.01470588	0.00000000
## 42	0.01333333	0.01639344	0.00000000	0.01492537	0.01282051	0.00000000
## 43	0.00000000	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.01666667
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.01612903	0.00000000	0.03636364	0.01369863	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.02985075	0.08450704	0.00000000
## 49	0.01562500	0.00000000	0.00000000	0.01449275	0.02564103	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.02739726	0.01333333	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 52	0.00000000	0.06557377	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.08219178	0.03448276	0.01666667
## 54	0.01694915	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 55	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.01538462	0.00000000	0.00000000	0.06153846	0.01388889	0.00000000
## 57	0.00000000	0.00000000	0.01538462	0.01612903	0.02739726	0.01666667
## 58	0.00000000	0.01694915	0.00000000	0.00000000	0.02666667	0.00000000
## 59	0.01492537	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.04918033	0.00000000	0.00000000	0.00000000	0.01298701
##	127	128	129	130	131	132
## 1	0.00000000	0.00000000	0.03448276	0.01515152	0.02739726	0.00000000
## 2	0.00000000	0.00000000	0.11594203	0.10000000	0.29230769	0.01428571
## 3	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.06349206
## 4	0.00000000	0.01369863	0.02857143	0.04477612	0.04109589	0.00000000
## 5	0.00000000	0.00000000	0.10447761	0.10000000	0.07317073	0.01351351
## 6	0.00000000	0.01562500	0.07692308	0.05633803	0.06666667	0.00000000
## 7	0.00000000	0.01282051	0.19230769	0.15068493	0.29629630	0.01282051
## 8	0.00000000	0.00000000	0.19178082	0.14864865	0.21052632	0.00000000
## 9	0.00000000	0.02898551	0.30882353	0.10000000	0.17391304	0.01298701
## 10	0.00000000	0.00000000	0.06000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.04545455	0.01369863	0.00000000
## 12	0.01282051	0.01219512	0.10256410	0.10810811	0.09333333	0.01086957
## 13	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 14	0.01562500	0.03278689	0.14285714	0.15789474	0.09230769	0.00000000
## 15	0.03333333	0.01298701	0.01282051	0.00000000	0.01234568	0.00000000
## 16	0.00000000	0.02898551	0.05633803	0.05128205	0.01538462	0.01204819
## 17	0.01515152	0.01666667	0.13636364	0.11428571	0.04687500	0.00000000
## 18	0.01666667	0.00000000	0.01587302	0.03571429	0.04761905	0.00000000
## 19	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.02816901
## 20	0.05882353	0.17187500	0.01408451	0.01234568	0.01449275	0.03947368
## 21	0.00000000	0.01470588	0.26153846	0.07692308	0.24615385	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.05970149	0.11111111	0.00000000
## 23	0.00000000	0.00000000	0.11594203	0.13698630	0.24285714	0.01333333
## 24	0.00000000	0.00000000	0.01694915	0.05405405	0.04615385	0.01492537
## 25	0.00000000	0.00000000	0.09459459	0.04545455	0.07692308	0.00000000
## 26	0.07246377	0.04477612	0.01449275	0.01408451	0.03076923	0.01492537
## 27	0.00000000	0.01562500	0.21212121	0.06944444	0.01923077	0.00000000
## 28	0.05263158	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000
## 29	0.00000000	0.00000000	0.04477612	0.03448276	0.08196721	0.00000000
## 30	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01369863	0.00000000	0.00000000	0.01492537	0.01428571	0.00000000

## 32	0.01694915	0.00000000	0.00000000	0.00000000	0.02739726	0.01388889
## 33	0.00000000	0.00000000	0.07352941	0.06666667	0.02941176	0.01408451
## 34	0.01724138	0.01785714	0.03278689	0.02898551	0.03846154	0.00000000
## 35	0.00000000	0.00000000	0.12727273	0.08333333	0.20634921	0.00000000
## 36	0.02666667	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.01408451	0.12000000	0.12048193	0.12000000	0.01388889
## 39	0.00000000	0.00000000	0.10294118	0.15492958	0.21538462	0.00000000
## 40	0.00000000	0.00000000	0.01408451	0.00000000	0.01515152	0.01408451
## 41	0.00000000	0.00000000	0.15625000	0.10000000	0.31343284	0.01428571
## 42	0.00000000	0.00000000	0.10958904	0.11940299	0.14285714	0.01315789
## 43	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.02816901
## 44	0.00000000	0.01388889	0.01851852	0.01538462	0.04687500	0.01388889
## 45	0.02941176	0.01428571	0.05128205	0.04545455	0.02985075	0.00000000
## 46	0.00000000	0.01369863	0.05263158	0.11940299	0.10294118	0.00000000
## 47	0.00000000	0.01408451	0.08695652	0.16666667	0.15277778	0.01666667
## 48	0.00000000	0.00000000	0.32812500	0.18571429	0.44117647	0.00000000
## 49	0.00000000	0.00000000	0.08955224	0.13432836	0.12857143	0.01562500
## 50	0.02857143	0.01369863	0.11111111	0.05128205	0.18666667	0.00000000
## 51	0.01587302	0.03333333	0.20547945	0.07462687	0.18840580	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.13333333
## 53	0.00000000	0.02666667	0.05333333	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.01612903	0.06557377	0.14035088	0.14285714	0.01515152
## 55	0.00000000	0.03389831	0.03278689	0.01538462	0.04000000	0.01388889
## 56	0.01612903	0.01408451	0.06250000	0.21428571	0.21212121	0.01492537
## 57	0.04545455	0.01369863	0.00000000	0.00000000	0.00000000	0.01449275
## 58	0.00000000	0.00000000	0.03921569	0.01369863	0.07692308	0.00000000
## 59	0.02985075	0.00000000	0.01388889	0.03947368	0.06250000	0.01250000
## 60	0.00000000	0.00000000	0.00000000	0.03278689	0.01612903	0.00000000
## 61	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.05333333
##	133	134	135	136	137	138
## 1	0.00000000	0.00000000	0.00000000	0.01785714	0.03703704	0.08620690
## 2	0.00000000	0.00000000	0.00000000	0.01666667	0.06250000	0.05000000
## 3	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.09836066	0.02985075
## 6	0.00000000	0.00000000	0.00000000	0.06451613	0.17333333	0.04838710
## 7	0.00000000	0.00000000	0.00000000	0.01298701	0.11475410	0.09230769
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.07575758	0.03333333
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.06349206	0.04545455
## 10	0.00000000	0.00000000	0.00000000	0.04838710	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01388889	0.01333333	0.02597403	0.05555556
## 12	0.00000000	0.00000000	0.00000000	0.01265823	0.13888889	0.03896104
## 13	0.00000000	0.01666667	0.01470588	0.00000000	0.00000000	0.01639344
## 14	0.00000000	0.00000000	0.00000000	0.01612903	0.15384615	0.10169492
## 15	0.00000000	0.00000000	0.00000000	0.06849315	0.00000000	0.00000000
## 16	0.01282051	0.00000000	0.01250000	0.00000000	0.05263158	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.01666667	0.05882353	0.07575758
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 20	0.02666667	0.09230769	0.01298701	0.02564103	0.01470588	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.03448276	0.17460317	0.06557377
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333	0.05263158
## 23	0.00000000	0.00000000	0.00000000	0.01492537	0.15492958	0.04761905

## 24	0.00000000	0.00000000	0.02500000	0.01351351	0.07462687	0.01515152
## 25	0.00000000	0.00000000	0.00000000	0.01428571	0.01515152	0.06060606
## 26	0.01408451	0.03278689	0.01408451	0.01724138	0.04545455	0.03174603
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.07692308	0.07936508
## 28	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.02739726
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01492537	0.01538462	0.00000000
## 32	0.01492537	0.00000000	0.00000000	0.03030303	0.04411765	0.01666667
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000	0.04615385
## 34	0.00000000	0.00000000	0.00000000	0.04477612	0.09523810	0.08928571
## 35	0.01694915	0.01960784	0.00000000	0.01960784	0.16000000	0.06349206
## 36	0.05633803	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.04761905	0.00000000	0.03076923	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.01162791	0.22666667	0.11111111
## 39	0.00000000	0.00000000	0.00000000	0.01428571	0.26785714	0.05000000
## 40	0.00000000	0.00000000	0.00000000	0.03389831	0.02739726	0.03125000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.17142857	0.06849315
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.23880597	0.02564103
## 43	0.00000000	0.00000000	0.03797468	0.00000000	0.01449275	0.01315789
## 44	0.01562500	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.01388889	0.07692308	0.10144928
## 46	0.00000000	0.00000000	0.00000000	0.03448276	0.22535211	0.14516129
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.10344828	0.03125000
## 48	0.00000000	0.00000000	0.00000000	0.01515152	0.12121212	0.10169492
## 49	0.00000000	0.00000000	0.00000000	0.01639344	0.12307692	0.04615385
## 50	0.00000000	0.00000000	0.00000000	0.03174603	0.06666667	0.07042254
## 51	0.00000000	0.00000000	0.00000000	0.04761905	0.13636364	0.06451613
## 52	0.00000000	0.00000000	0.14102564	0.00000000	0.04347826	0.00000000
## 53	0.02857143	0.00000000	0.00000000	0.04545455	0.01369863	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.01785714	0.20000000	0.05797101
## 55	0.01428571	0.07142857	0.01408451	0.00000000	0.04109589	0.01785714
## 56	0.00000000	0.00000000	0.00000000	0.03278689	0.29411765	0.07142857
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01250000	0.00000000	0.01666667	0.05263158
## 59	0.00000000	0.00000000	0.01369863	0.00000000	0.15254237	0.04545455
## 60	0.00000000	0.00000000	0.01449275	0.00000000	0.16666667	0.07692308
## 61	0.00000000	0.00000000	0.11538462	0.00000000	0.00000000	0.00000000
##	139	140	141	142	143	144
## 1	0.05454545	0.02857143	0.01587302	0.00000000	0.00000000	0.00000000
## 2	0.01785714	0.13513514	0.00000000	0.01515152	0.00000000	0.00000000
## 3	0.01515152	0.00000000	0.01587302	0.00000000	0.06944444	0.02666667
## 4	0.00000000	0.02985075	0.00000000	0.01492537	0.00000000	0.00000000
## 5	0.04285714	0.02898551	0.00000000	0.06451613	0.00000000	0.00000000
## 6	0.00000000	0.03947368	0.00000000	0.01492537	0.00000000	0.00000000
## 7	0.00000000	0.08433735	0.00000000	0.02531646	0.00000000	0.00000000
## 8	0.00000000	0.12987013	0.00000000	0.04054054	0.00000000	0.00000000
## 9	0.00000000	0.04054054	0.00000000	0.04109589	0.01562500	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.04285714	0.00000000	0.00000000
## 11	0.00000000	0.02739726	0.01428571	0.00000000	0.03076923	0.00000000
## 12	0.04109589	0.02439024	0.00000000	0.02564103	0.00000000	0.00000000
## 13	0.00000000	0.01428571	0.00000000	0.00000000	0.01234568	0.03636364
## 14	0.09523810	0.07812500	0.00000000	0.01694915	0.00000000	0.00000000
## 15	0.00000000	0.03529412	0.00000000	0.00000000	0.00000000	0.01538462

## 16	0.12500000	0.00000000	0.04285714	0.04166667	0.00000000	0.00000000
## 17	0.02985075	0.01492537	0.00000000	0.07692308	0.00000000	0.00000000
## 18	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.02985075
## 20	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.03333333	0.10769231	0.01587302	0.05714286	0.00000000	0.00000000
## 22	0.03389831	0.07246377	0.00000000	0.01562500	0.00000000	0.00000000
## 23	0.01492537	0.04166667	0.00000000	0.04687500	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.04285714	0.01538462	0.03448276	0.00000000
## 25	0.00000000	0.13432836	0.00000000	0.02564103	0.00000000	0.00000000
## 26	0.07142857	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.08196721	0.00000000	0.13793103	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01388889	0.01470588	0.02857143	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915
## 31	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.01492537
## 32	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 33	0.03896104	0.06410256	0.01538462	0.00000000	0.00000000	0.00000000
## 34	0.03278689	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.03703704	0.07462687	0.00000000	0.05000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06779661
## 38	0.03896104	0.06250000	0.00000000	0.01265823	0.01369863	0.00000000
## 39	0.06666667	0.05633803	0.03125000	0.00000000	0.01408451	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.01369863	0.01351351	0.00000000
## 41	0.03030303	0.16923077	0.01428571	0.01369863	0.00000000	0.00000000
## 42	0.01388889	0.06756757	0.03174603	0.01562500	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.08860759	0.00000000	0.03614458	0.01388889
## 44	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 45	0.04545455	0.03448276	0.00000000	0.01538462	0.00000000	0.00000000
## 46	0.06666667	0.05633803	0.00000000	0.01449275	0.00000000	0.00000000
## 47	0.07407407	0.02941176	0.00000000	0.01470588	0.00000000	0.00000000
## 48	0.03636364	0.29508197	0.00000000	0.05797101	0.00000000	0.00000000
## 49	0.01538462	0.00000000	0.00000000	0.04225352	0.00000000	0.00000000
## 50	0.01428571	0.01282051	0.01587302	0.00000000	0.00000000	0.00000000
## 51	0.06779661	0.10144928	0.00000000	0.04918033	0.00000000	0.00000000
## 52	0.03076923	0.00000000	0.01694915	0.00000000	0.02631579	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.04411765	0.00000000	0.04761905	0.00000000	0.00000000
## 55	0.02985075	0.01369863	0.00000000	0.00000000	0.01538462	0.00000000
## 56	0.07246377	0.05479452	0.00000000	0.01639344	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.07462687
## 58	0.01562500	0.08771930	0.00000000	0.01785714	0.04838710	0.00000000
## 59	0.01470588	0.06756757	0.01449275	0.02985075	0.00000000	0.00000000
## 60	0.01923077	0.03174603	0.00000000	0.01666667	0.00000000	0.00000000
## 61	0.01492537	0.00000000	0.09523810	0.00000000	0.04285714	0.00000000
##	145	146	147	148	149	150
## 1	0.00000000	0.00000000	0.03030303	0.00000000	0.03030303	0.00000000
## 2	0.00000000	0.00000000	0.02898551	0.00000000	0.02941176	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405
## 4	0.00000000	0.00000000	0.00000000	0.01724138	0.02564103	0.00000000
## 5	0.00000000	0.00000000	0.04225352	0.00000000	0.05333333	0.00000000
## 6	0.00000000	0.00000000	0.04411765	0.00000000	0.01351351	0.00000000
## 7	0.00000000	0.00000000	0.01408451	0.00000000	0.05617978	0.00000000

## 8	0.00000000	0.00000000	0.03896104	0.00000000	0.04411765	0.00000000
## 9	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 10	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 11	0.00000000	0.00000000	0.14084507	0.00000000	0.11111111	0.00000000
## 12	0.00000000	0.00000000	0.03750000	0.00000000	0.03409091	0.00000000
## 13	0.01538462	0.02702703	0.00000000	0.01639344	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.01724138	0.00000000	0.04687500	0.00000000
## 15	0.04000000	0.01204819	0.00000000	0.00000000	0.00000000	0.01265823
## 16	0.00000000	0.00000000	0.02777778	0.01666667	0.01538462	0.00000000
## 17	0.00000000	0.00000000	0.04225352	0.00000000	0.06060606	0.00000000
## 18	0.00000000	0.00000000	0.02985075	0.00000000	0.03076923	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04411765
## 20	0.00000000	0.02409639	0.00000000	0.00000000	0.00000000	0.11267606
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714	0.00000000
## 22	0.00000000	0.00000000	0.01428571	0.00000000	0.01333333	0.00000000
## 23	0.00000000	0.00000000	0.04054054	0.00000000	0.08571429	0.00000000
## 24	0.00000000	0.00000000	0.01612903	0.05172414	0.02739726	0.00000000
## 25	0.00000000	0.00000000	0.01315789	0.00000000	0.01282051	0.00000000
## 26	0.00000000	0.00000000	0.01351351	0.03773585	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.06153846	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.03797468	0.00000000	0.01282051	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.03333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.02631579	0.01190476	0.00000000	0.00000000	0.00000000	0.01282051
## 32	0.04918033	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 33	0.00000000	0.00000000	0.05479452	0.00000000	0.04109589	0.00000000
## 34	0.00000000	0.00000000	0.01639344	0.00000000	0.01562500	0.00000000
## 35	0.00000000	0.00000000	0.01492537	0.00000000	0.01612903	0.00000000
## 36	0.01587302	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.07692308	0.01219512	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.08108108	0.00000000	0.06666667	0.00000000
## 39	0.00000000	0.00000000	0.03174603	0.00000000	0.02597403	0.00000000
## 40	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.04411765	0.00000000	0.08000000	0.00000000
## 42	0.00000000	0.00000000	0.04285714	0.00000000	0.04054054	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.10294118	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.01538462	0.00000000	0.07462687	0.00000000
## 46	0.00000000	0.00000000	0.01492537	0.00000000	0.04477612	0.00000000
## 47	0.00000000	0.00000000	0.01666667	0.00000000	0.02777778	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 49	0.00000000	0.00000000	0.01408451	0.00000000	0.01428571	0.00000000
## 50	0.00000000	0.00000000	0.05970149	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.01694915	0.00000000	0.03225806	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.11764706	0.00000000	0.00000000
## 53	0.01388889	0.01234568	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.03076923	0.01666667	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.07812500	0.00000000	0.04347826	0.00000000
## 57	0.06557377	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.17391304	0.00000000	0.00000000

##	151	152	153	154	155	156
## 1	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000	0.01449275
## 2	0.00000000	0.04918033	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 4	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000	0.01315789
## 6	0.01388889	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.03703704	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.13636364	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.03797468	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000
## 14	0.00000000	0.05357143	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.01282051
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 21	0.01724138	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.01388889	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01785714	0.00000000	0.05454545	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.05555556	0.00000000	0.01515152	0.02469136	0.01298701
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 30	0.22222222	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 31	0.04918033	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.06250000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.01694915	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.03508772	0.00000000	0.00000000	0.00000000
## 37	0.02739726	0.00000000	0.02941176	0.00000000	0.04687500	0.00000000
## 38	0.01369863	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.02941176	0.00000000	0.00000000	0.01639344	0.00000000
## 40	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368
## 41	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.07462687	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.25806452
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.01694915	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.01587302
## 50	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 51	0.01724138	0.03389831	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.09090909	0.00000000	0.01315789	0.00000000	0.01388889	0.01388889

## 54	0.01562500	0.02857143	0.00000000	0.00000000	0.00000000	0.01694915
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.01587302	0.09090909	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.02702703	0.00000000	0.01428571	0.00000000	0.03125000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.01470588
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	157	158	159	160	161	162
## 1	0.00000000	0.02985075	0.01612903	0.01298701	0.00000000	0.00000000
## 2	0.05128205	0.03076923	0.00000000	0.09090909	0.01639344	0.11111111
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01282051	0.01470588	0.00000000	0.06849315	0.00000000	0.07812500
## 5	0.00000000	0.00000000	0.01449275	0.16438356	0.01470588	0.09375000
## 6	0.02777778	0.02739726	0.00000000	0.22077922	0.00000000	0.08333333
## 7	0.04545455	0.00000000	0.02631579	0.10144928	0.00000000	0.08860759
## 8	0.01250000	0.00000000	0.01351351	0.04225352	0.00000000	0.03797468
## 9	0.04477612	0.01515152	0.02898551	0.04545455	0.01851852	0.24590164
## 10	0.03125000	0.01388889	0.00000000	0.00000000	0.00000000	0.04477612
## 11	0.01492537	0.00000000	0.01449275	0.07142857	0.10447761	0.04054054
## 12	0.02777778	0.02941176	0.04761905	0.41891892	0.00000000	0.13333333
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01612903	0.02000000	0.01724138	0.20338983	0.00000000	0.08333333
## 15	0.00000000	0.00000000	0.00000000	0.02325581	0.00000000	0.01369863
## 16	0.00000000	0.00000000	0.07462687	0.06329114	0.04000000	0.02898551
## 17	0.01470588	0.01234568	0.04109589	0.12987013	0.00000000	0.05797101
## 18	0.00000000	0.02985075	0.00000000	0.09090909	0.01886792	0.01428571
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 20	0.09756098	0.00000000	0.14285714	0.00000000	0.01428571	0.02500000
## 21	0.03225806	0.01492537	0.01587302	0.30508475	0.00000000	0.10000000
## 22	0.00000000	0.01388889	0.00000000	0.20634921	0.00000000	0.02777778
## 23	0.04687500	0.04687500	0.00000000	0.26470588	0.01492537	0.06756757
## 24	0.00000000	0.01587302	0.00000000	0.07575758	0.01562500	0.01428571
## 25	0.02985075	0.01587302	0.01470588	0.03947368	0.00000000	0.08064516
## 26	0.00000000	0.01428571	0.19047619	0.00000000	0.02857143	0.02857143
## 27	0.00000000	0.00000000	0.00000000	0.08196721	0.00000000	0.21311475
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.02500000	0.00000000
## 29	0.00000000	0.08108108	0.00000000	0.03636364	0.00000000	0.03125000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.02941176	0.00000000	0.01333333	0.00000000	0.00000000
## 32	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.04411765	0.01408451	0.02816901	0.26027397	0.00000000	0.03225806
## 34	0.00000000	0.11290323	0.03448276	0.16455696	0.00000000	0.04838710
## 35	0.05555556	0.03125000	0.00000000	0.25423729	0.00000000	0.27692308
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.03389831	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02702703	0.02702703	0.02816901	0.27941176	0.00000000	0.08000000
## 39	0.01612903	0.00000000	0.00000000	0.32352941	0.00000000	0.09230769
## 40	0.00000000	0.01388889	0.00000000	0.01333333	0.00000000	0.00000000
## 41	0.01428571	0.01388889	0.01408451	0.30158730	0.01562500	0.07246377
## 42	0.00000000	0.01315789	0.01408451	0.22058824	0.00000000	0.05333333
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701
## 44	0.00000000	0.09090909	0.01639344	0.00000000	0.00000000	0.01470588
## 45	0.00000000	0.01470588	0.03448276	0.18571429	0.01785714	0.02985075



## 46	0.00000000	0.01515152	0.02941176	0.31818182	0.04615385	0.06349206
## 47	0.01562500	0.03278689	0.06250000	0.21538462	0.03225806	0.07142857
## 48	0.03636364	0.01562500	0.01492537	0.24590164	0.01587302	0.11111111
## 49	0.01470588	0.04545455	0.04918033	0.12121212	0.00000000	0.07272727
## 50	0.00000000	0.05063291	0.01408451	0.13513514	0.02666667	0.06578947
## 51	0.05084746	0.06060606	0.05000000	0.21739130	0.00000000	0.11475410
## 52	0.00000000	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000
## 53	0.07894737	0.01408451	0.00000000	0.02702703	0.00000000	0.03174603
## 54	0.01724138	0.06578947	0.11666667	0.07142857	0.01724138	0.10810811
## 55	0.00000000	0.00000000	0.10447761	0.03174603	0.03333333	0.02985075
## 56	0.02985075	0.04285714	0.03278689	0.72602740	0.01851852	0.14084507
## 57	0.05000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01562500	0.00000000	0.00000000	0.01492537	0.00000000
## 59	0.00000000	0.01333333	0.00000000	0.01470588	0.00000000	0.02941176
## 60	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.01470588	0.00000000	0.01388889	0.00000000
##	163	164	165	166	167	168
## 1	0.03030303	0.00000000	0.06349206	0.00000000	0.00000000	0.03278689
## 2	0.07792208	0.01666667	0.00000000	0.03508772	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.16438356	0.04838710
## 4	0.07246377	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.26086957	0.01754386	0.00000000	0.01282051	0.00000000	0.00000000
## 6	0.18840580	0.01538462	0.03750000	0.00000000	0.00000000	0.00000000
## 7	0.14705882	0.01754386	0.01408451	0.02816901	0.00000000	0.00000000
## 8	0.03797468	0.01298701	0.00000000	0.01470588	0.00000000	0.00000000
## 9	0.04918033	0.01428571	0.03030303	0.01639344	0.00000000	0.01470588
## 10	0.02941176	0.00000000	0.00000000	0.03703704	0.00000000	0.00000000
## 11	0.05882353	0.00000000	0.00000000	0.05555556	0.00000000	0.00000000
## 12	0.43589744	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.05263158	0.11764706
## 14	0.12727273	0.03389831	0.00000000	0.01639344	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.02352941
## 16	0.13157895	0.03571429	0.01428571	0.00000000	0.00000000	0.00000000
## 17	0.17910448	0.01612903	0.01612903	0.00000000	0.00000000	0.00000000
## 18	0.11111111	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.09375000	0.00000000
## 20	0.00000000	0.04166667	0.01408451	0.01562500	0.01388889	0.05000000
## 21	0.21875000	0.01666667	0.05084746	0.01666667	0.00000000	0.00000000
## 22	0.07352941	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.24137931	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 24	0.08474576	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 25	0.01265823	0.00000000	0.03076923	0.01449275	0.00000000	0.00000000
## 26	0.01515152	0.06557377	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.09375000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 29	0.04166667	0.00000000	0.01492537	0.01694915	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.05263158	0.00000000	0.00000000	0.01369863
## 32	0.00000000	0.01724138	0.05797101	0.01408451	0.01449275	0.01449275
## 33	0.08450704	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.07575758	0.01666667	0.01562500	0.00000000	0.00000000	0.00000000
## 35	0.12727273	0.00000000	0.01851852	0.03174603	0.00000000	0.01449275
## 36	0.00000000	0.00000000	0.01449275	0.03225806	0.00000000	0.01408451
## 37	0.00000000	0.04615385	0.00000000	0.00000000	0.02857143	0.13636364

## 38	0.30136986	0.01470588	0.02857143	0.02380952	0.00000000	0.00000000
## 39	0.27941176	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.01515152	0.01408451	0.00000000	0.01428571	0.00000000
## 41	0.33846154	0.00000000	0.01538462	0.02500000	0.00000000	0.00000000
## 42	0.25714286	0.00000000	0.05263158	0.02985075	0.00000000	0.00000000
## 43	0.00000000	0.03030303	0.00000000	0.00000000	0.01162791	0.00000000
## 44	0.00000000	0.03773585	0.03030303	0.00000000	0.00000000	0.00000000
## 45	0.14705882	0.01666667	0.01388889	0.00000000	0.00000000	0.00000000
## 46	0.20000000	0.01923077	0.03846154	0.01515152	0.00000000	0.00000000
## 47	0.20000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.26562500	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 49	0.11864407	0.01724138	0.03174603	0.01538462	0.00000000	0.00000000
## 50	0.16455696	0.01639344	0.03614458	0.01428571	0.00000000	0.00000000
## 51	0.26229508	0.03636364	0.01754386	0.01538462	0.00000000	0.00000000
## 52	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01612903	0.02898551	0.04761905	0.00000000	0.01492537
## 54	0.07042254	0.03703704	0.08064516	0.01408451	0.00000000	0.00000000
## 55	0.04477612	0.03571429	0.00000000	0.00000000	0.00000000	0.01449275
## 56	0.65079365	0.01754386	0.01612903	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.01785714
## 58	0.01754386	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 59	0.01388889	0.01562500	0.00000000	0.01388889	0.00000000	0.01515152
## 60	0.02985075	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	169	170	171	172	173	174
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.02409639
## 2	0.01388889	0.00000000	0.01388889	0.01265823	0.17391304	0.20000000
## 3	0.00000000	0.05405405	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.03947368	0.06849315	0.15189873
## 5	0.00000000	0.00000000	0.00000000	0.02857143	0.04838710	0.09859155
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.10769231	0.30952381
## 7	0.01315789	0.00000000	0.00000000	0.01449275	0.25581395	0.23863636
## 8	0.00000000	0.00000000	0.00000000	0.02597403	0.20833333	0.10227273
## 9	0.00000000	0.00000000	0.00000000	0.04545455	0.23214286	0.09090909
## 10	0.01351351	0.00000000	0.00000000	0.00000000	0.02040816	0.01492537
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.06741573
## 12	0.00000000	0.00000000	0.00000000	0.02469136	0.10000000	0.27272727
## 13	0.00000000	0.14705882	0.00000000	0.01428571	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.01351351	0.15217391	0.14925373
## 15	0.01265823	0.01176471	0.01369863	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01298701	0.01612903	0.06578947	0.02941176	0.06153846
## 17	0.00000000	0.00000000	0.00000000	0.01333333	0.05882353	0.07500000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385	0.10294118
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.01369863
## 20	0.02298851	0.01388889	0.00000000	0.02325581	0.04545455	0.01333333
## 21	0.01470588	0.00000000	0.00000000	0.04347826	0.27868852	0.56521739
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.09677419	0.08695652
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.11940299	0.29629630
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.04054054
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.05797101	0.10389610
## 26	0.01538462	0.00000000	0.00000000	0.13698630	0.03508772	0.02777778
## 27	0.00000000	0.00000000	0.00000000	0.01538462	0.11940299	0.11842105
## 28	0.00000000	0.02352941	0.02597403	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.02409639

## 30	0.03225806	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.02564103	0.02702703	0.02777778	0.00000000	0.01587302	0.02666667
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.01369863	0.05000000	0.08974359
## 34	0.00000000	0.00000000	0.00000000	0.02857143	0.06557377	0.09333333
## 35	0.00000000	0.00000000	0.00000000	0.02857143	0.30188679	0.25373134
## 36	0.00000000	0.01315789	0.14754098	0.01265823	0.00000000	0.00000000
## 37	0.00000000	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.01408451	0.11267606	0.24050633
## 39	0.00000000	0.00000000	0.00000000	0.02739726	0.10169492	0.31111111
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568
## 41	0.00000000	0.00000000	0.00000000	0.01449275	0.21212121	0.31428571
## 42	0.01190476	0.01265823	0.00000000	0.01351351	0.09677419	0.20512821
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.06666667	0.10447761
## 46	0.01562500	0.00000000	0.00000000	0.07575758	0.14035088	0.15384615
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.05555556	0.15151515
## 48	0.00000000	0.01515152	0.00000000	0.01587302	0.39655172	0.27272727
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.06896552	0.09459459
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.07812500	0.15476190
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.17241379	0.40000000
## 52	0.01449275	0.00000000	0.00000000	0.04411765	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01515152	0.01587302	0.02777778
## 54	0.00000000	0.00000000	0.00000000	0.02898551	0.06779661	0.16000000
## 55	0.00000000	0.02898551	0.00000000	0.13432836	0.08333333	0.03076923
## 56	0.00000000	0.00000000	0.00000000	0.01587302	0.16417910	0.36486486
## 57	0.00000000	0.01408451	0.02666667	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710	0.03278689
## 59	0.00000000	0.01388889	0.00000000	0.03125000	0.08571429	0.02564103
## 60	0.00000000	0.00000000	0.00000000	0.01333333	0.02941176	0.01492537
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
##	175	176	177	178	179	180
## 1	0.00000000	0.02857143	0.01587302	0.00000000	0.00000000	0.01449275
## 2	0.03125000	0.09722222	0.00000000	0.04545455	0.00000000	0.14925373
## 3	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 4	0.01612903	0.01265823	0.00000000	0.01265823	0.00000000	0.12903226
## 5	0.03125000	0.08823529	0.00000000	0.08108108	0.00000000	0.09876543
## 6	0.01470588	0.05333333	0.01428571	0.05333333	0.00000000	0.16176471
## 7	0.03030303	0.13580247	0.00000000	0.04878049	0.00000000	0.15217391
## 8	0.02777778	0.08974359	0.01388889	0.00000000	0.00000000	0.07407407
## 9	0.10169492	0.08196721	0.01562500	0.01538462	0.00000000	0.02739726
## 10	0.10169492	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000
## 11	0.00000000	0.02898551	0.01562500	0.01369863	0.00000000	0.03896104
## 12	0.05479452	0.07894737	0.00000000	0.07228916	0.00000000	0.17073171
## 13	0.00000000	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01886792	0.00000000	0.11111111	0.00000000	0.09230769
## 15	0.09090909	0.00000000	0.00000000	0.01149425	0.00000000	0.00000000
## 16	0.01785714	0.02739726	0.00000000	0.12000000	0.00000000	0.07352941
## 17	0.03225806	0.06557377	0.00000000	0.04347826	0.00000000	0.08571429
## 18	0.01818182	0.00000000	0.00000000	0.01587302	0.00000000	0.06250000
## 19	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01176471	0.01282051	0.03614458	0.00000000	0.01492537
## 21	0.05000000	0.16438356	0.00000000	0.08450704	0.00000000	0.16216216

## 22	0.01785714	0.10169492	0.00000000	0.02898551	0.00000000	0.08450704
## 23	0.07692308	0.10958904	0.00000000	0.12121212	0.00000000	0.17567568
## 24	0.00000000	0.05970149	0.00000000	0.02666667	0.00000000	0.03947368
## 25	0.03125000	0.01351351	0.00000000	0.00000000	0.00000000	0.06849315
## 26	0.00000000	0.01388889	0.00000000	0.15068493	0.00000000	0.04166667
## 27	0.03333333	0.04545455	0.00000000	0.00000000	0.00000000	0.05970149
## 28	0.00000000	0.00000000	0.01369863	0.00000000	0.01190476	0.00000000
## 29	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000	0.04687500
## 30	0.01818182	0.00000000	0.00000000	0.00000000	0.03125000	0.01408451
## 31	0.08955224	0.01666667	0.00000000	0.00000000	0.00000000	0.03947368
## 32	0.03508772	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 33	0.01470588	0.00000000	0.00000000	0.02702703	0.00000000	0.08333333
## 34	0.00000000	0.06250000	0.00000000	0.01515152	0.00000000	0.04545455
## 35	0.07407407	0.08333333	0.00000000	0.06666667	0.00000000	0.28333333
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.04054054	0.00000000
## 37	0.00000000	0.00000000	0.01754386	0.01408451	0.00000000	0.00000000
## 38	0.01219512	0.21794872	0.00000000	0.01369863	0.01162791	0.12941176
## 39	0.05084746	0.10256410	0.00000000	0.10843373	0.00000000	0.17567568
## 40	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.05970149	0.12500000	0.00000000	0.12676056	0.00000000	0.22972973
## 42	0.01562500	0.11538462	0.00000000	0.04938272	0.00000000	0.09333333
## 43	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 45	0.00000000	0.03846154	0.00000000	0.04225352	0.00000000	0.16666667
## 46	0.01754386	0.06557377	0.00000000	0.08823529	0.00000000	0.08974359
## 47	0.04838710	0.12903226	0.00000000	0.07792208	0.00000000	0.03571429
## 48	0.09615385	0.15517241	0.00000000	0.05479452	0.00000000	0.15384615
## 49	0.01666667	0.01538462	0.00000000	0.02857143	0.00000000	0.03225806
## 50	0.01562500	0.05405405	0.00000000	0.04285714	0.00000000	0.20000000
## 51	0.06451613	0.13235294	0.00000000	0.15277778	0.00000000	0.22058824
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.15625000	0.01562500	0.00000000	0.00000000	0.01265823	0.00000000
## 54	0.04615385	0.13043478	0.00000000	0.04166667	0.01428571	0.15942029
## 55	0.00000000	0.00000000	0.00000000	0.09677419	0.00000000	0.04054054
## 56	0.06666667	0.07352941	0.00000000	0.13235294	0.00000000	0.15151515
## 57	0.01694915	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.01562500
## 59	0.01666667	0.01265823	0.00000000	0.01470588	0.00000000	0.01282051
## 60	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
##	181	182	183	184	185	186
## 1	0.01408451	0.00000000	0.00000000	0.00000000	0.02531646	0.00000000
## 2	0.10937500	0.00000000	0.00000000	0.00000000	0.09459459	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.01449275
## 4	0.09210526	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000
## 5	0.04347826	0.00000000	0.00000000	0.00000000	0.04819277	0.00000000
## 6	0.05555556	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000
## 7	0.25333333	0.00000000	0.00000000	0.02898551	0.20408163	0.00000000
## 8	0.17647059	0.00000000	0.00000000	0.01587302	0.08235294	0.00000000
## 9	0.22058824	0.00000000	0.00000000	0.00000000	0.04166667	0.00000000
## 10	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.01449275	0.02985075	0.00000000
## 12	0.08823529	0.00000000	0.00000000	0.00000000	0.04938272	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000

## 14	0.11363636	0.00000000	0.00000000	0.00000000	0.08620690	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.02857143	0.00000000	0.00000000	0.00000000	0.04225352	0.00000000
## 17	0.11864407	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 18	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385
## 20	0.01298701	0.00000000	0.00000000	0.00000000	0.01369863	0.01449275
## 21	0.10769231	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000
## 22	0.01351351	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 23	0.11764706	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000
## 24	0.01351351	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000
## 25	0.06944444	0.00000000	0.00000000	0.01449275	0.05333333	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 27	0.18032787	0.00000000	0.00000000	0.00000000	0.04615385	0.00000000
## 28	0.00000000	0.01234568	0.01204819	0.08196721	0.01149425	0.01492537
## 29	0.09230769	0.00000000	0.00000000	0.01587302	0.01470588	0.00000000
## 30	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 32	0.02985075	0.01492537	0.00000000	0.00000000	0.01408451	0.00000000
## 33	0.02739726	0.00000000	0.00000000	0.00000000	0.02531646	0.00000000
## 34	0.07812500	0.00000000	0.00000000	0.00000000	0.02666667	0.00000000
## 35	0.20000000	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806
## 37	0.00000000	0.00000000	0.00000000	0.01923077	0.00000000	0.00000000
## 38	0.12500000	0.00000000	0.00000000	0.00000000	0.06329114	0.00000000
## 39	0.16129032	0.00000000	0.00000000	0.01428571	0.07692308	0.00000000
## 40	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.12307692	0.00000000	0.00000000	0.00000000	0.06493506	0.00000000
## 42	0.07936508	0.00000000	0.00000000	0.00000000	0.05000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.03773585	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 45	0.04225352	0.00000000	0.00000000	0.00000000	0.02666667	0.00000000
## 46	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.18750000	0.00000000	0.00000000	0.03333333	0.06944444	0.00000000
## 48	0.24242424	0.00000000	0.00000000	0.00000000	0.08450704	0.00000000
## 49	0.14285714	0.00000000	0.00000000	0.01587302	0.04347826	0.00000000
## 50	0.11764706	0.00000000	0.00000000	0.00000000	0.03846154	0.00000000
## 51	0.12121212	0.00000000	0.00000000	0.00000000	0.09859155	0.00000000
## 52	0.01428571	0.01470588	0.00000000	0.01470588	0.00000000	0.00000000
## 53	0.03125000	0.00000000	0.00000000	0.00000000	0.02500000	0.00000000
## 54	0.27941176	0.00000000	0.00000000	0.00000000	0.03571429	0.00000000
## 55	0.07462687	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.13888889	0.00000000	0.00000000	0.00000000	0.08000000	0.00000000
## 57	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 58	0.01515152	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 59	0.03076923	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.02040816	0.01449275	0.00000000
## 61	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	187	188	189	190	191	192
## 1	0.00000000	0.03225806	0.04109589	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.03030303	0.02666667	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.08219178	0.01666667
## 4	0.00000000	0.04761905	0.04166667	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.09090909	0.00000000	0.00000000	0.00000000	0.00000000

## 6	0.00000000	0.14925373	0.05479452	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.11842105	0.01282051	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.06666667	0.01333333	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.13432836	0.03571429	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.01639344	0.01724138	0.00000000	0.00000000
## 11	0.00000000	0.15625000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.18918919	0.03614458	0.00000000	0.00000000	0.00000000
## 13	0.04687500	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000
## 14	0.00000000	0.16071429	0.07812500	0.00000000	0.00000000	0.00000000
## 15	0.01315789	0.01298701	0.00000000	0.01234568	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.15714286	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.07407407	0.10000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 20	0.00000000	0.01587302	0.01315789	0.00000000	0.02816901	0.00000000
## 21	0.00000000	0.14285714	0.03278689	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.08474576	0.01694915	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.20967742	0.07042254	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.03947368	0.02816901	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.04411765	0.01538462	0.00000000	0.00000000	0.00000000
## 26	0.01492537	0.02040816	0.01492537	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.04761905	0.01694915	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.02816901
## 29	0.00000000	0.01639344	0.12903226	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.13513514	0.07246377	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.08064516	0.21212121	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.10769231	0.03030303	0.00000000	0.00000000	0.00000000
## 36	0.07246377	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 37	0.03333333	0.00000000	0.00000000	0.01351351	0.02941176	0.01515152
## 38	0.00000000	0.12698413	0.04285714	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.17142857	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.19672131	0.06329114	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.07462687	0.02777778	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 44	0.00000000	0.00000000	0.02898551	0.01515152	0.00000000	0.00000000
## 45	0.00000000	0.17241379	0.10714286	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.36734694	0.04838710	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.16176471	0.10344828	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.10937500	0.03076923	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.05882353	0.10937500	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.07575758	0.05555556	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.16071429	0.10344828	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.12244898	0.13207547	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.05084746	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.30645161	0.04285714	0.00000000	0.00000000	0.00000000
## 57	0.02666667	0.00000000	0.00000000	0.02500000	0.00000000	0.01388889
## 58	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01449275	0.03076923	0.00000000	0.00000000	0.01492537

## 60	0.00000000	0.04000000	0.02777778	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
##	193	194	195	196	197	198
## 1	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.05797101	0.00000000	0.00000000	0.07575758	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.08974359	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.24324324	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 6	0.15068493	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 7	0.15853659	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.11764706	0.00000000	0.01470588	0.02857143	0.00000000	0.00000000
## 9	0.11594203	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.04054054	0.01449275	0.00000000	0.03773585	0.00000000	0.00000000
## 12	0.27777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 14	0.38461538	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.03030303	0.01369863	0.00000000	0.01470588	0.00000000	0.00000000
## 16	0.09722222	0.01428571	0.01315789	0.00000000	0.00000000	0.00000000
## 17	0.23287671	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.05882353	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 20	0.00000000	0.05194805	0.00000000	0.00000000	0.01369863	0.01333333
## 21	0.25352113	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 22	0.15584416	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.26760563	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 24	0.10526316	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.07692308	0.01388889	0.00000000	0.01470588	0.00000000	0.00000000
## 26	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.15625000	0.01587302	0.00000000	0.01923077	0.00000000	0.00000000
## 28	0.00000000	0.02409639	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.02857143	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.09411765	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 34	0.09210526	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 35	0.22580645	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.01562500	0.02941176	0.00000000	0.06153846	0.05357143
## 37	0.00000000	0.00000000	0.00000000	0.01818182	0.01785714	0.00000000
## 38	0.42168675	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 39	0.28947368	0.01315789	0.00000000	0.01470588	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.52000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 42	0.38095238	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.01315789	0.00000000	0.01538462	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.14285714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.23333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.11594203	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.23880597	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 49	0.08219178	0.00000000	0.00000000	0.04166667	0.00000000	0.00000000
## 50	0.12500000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.33333333	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000

## 52	0.01388889	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000
## 53	0.01265823	0.01470588	0.00000000	0.02597403	0.01408451	0.00000000
## 54	0.24615385	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 55	0.05714286	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.41428571	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182
## 58	0.05084746	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01298701	0.00000000	0.02597403	0.00000000	0.00000000	0.00000000
## 60	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
##	199	200	201	202	203	204
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03529412
## 2	0.01428571	0.04687500	0.02816901	0.06666667	0.00000000	0.12307692
## 3	0.00000000	0.00000000	0.00000000	0.01639344	0.05555556	0.00000000
## 4	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000	0.12820513
## 5	0.03030303	0.00000000	0.04225352	0.01923077	0.00000000	0.16438356
## 6	0.00000000	0.01123596	0.10294118	0.01388889	0.00000000	0.22222222
## 7	0.02409639	0.01162791	0.11494253	0.06024096	0.00000000	0.22093023
## 8	0.00000000	0.01123596	0.06593407	0.02597403	0.00000000	0.11267606
## 9	0.03125000	0.05333333	0.19178082	0.05333333	0.00000000	0.10000000
## 10	0.01639344	0.03225806	0.01428571	0.10169492	0.00000000	0.01298701
## 11	0.00000000	0.00000000	0.06666667	0.00000000	0.00000000	0.05128205
## 12	0.02380952	0.00000000	0.02597403	0.01282051	0.00000000	0.36781609
## 13	0.01408451	0.00000000	0.00000000	0.01562500	0.01639344	0.00000000
## 14	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.23188406
## 15	0.01265823	0.07407407	0.00000000	0.00000000	0.00000000	0.01351351
## 16	0.00000000	0.00000000	0.01408451	0.02469136	0.00000000	0.13513514
## 17	0.00000000	0.01408451	0.04109589	0.02985075	0.00000000	0.22972973
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06849315
## 19	0.00000000	0.02666667	0.00000000	0.01666667	0.00000000	0.00000000
## 20	0.00000000	0.01298701	0.01250000	0.01515152	0.00000000	0.01333333
## 21	0.01408451	0.02941176	0.06250000	0.03174603	0.00000000	0.40625000
## 22	0.01408451	0.01282051	0.02739726	0.00000000	0.00000000	0.13698630
## 23	0.01428571	0.00000000	0.02816901	0.04477612	0.00000000	0.28395062
## 24	0.00000000	0.00000000	0.00000000	0.08333333	0.02816901	0.09090909
## 25	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.05882353
## 26	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000	0.01470588
## 27	0.00000000	0.01754386	0.05479452	0.03448276	0.00000000	0.11290323
## 28	0.00000000	0.00000000	0.02564103	0.01369863	0.00000000	0.00000000
## 29	0.01388889	0.00000000	0.04285714	0.00000000	0.00000000	0.01369863
## 30	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.05882353	0.05555556	0.00000000	0.04687500	0.00000000	0.00000000
## 32	0.00000000	0.01470588	0.00000000	0.01470588	0.00000000	0.00000000
## 33	0.01176471	0.00000000	0.01351351	0.00000000	0.02597403	0.15189873
## 34	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.18571429
## 35	0.00000000	0.06451613	0.10666667	0.01639344	0.00000000	0.25806452
## 36	0.00000000	0.00000000	0.03508772	0.00000000	0.00000000	0.00000000
## 37	0.01470588	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01369863	0.00000000	0.03658537	0.01754386	0.00000000	0.28235294
## 39	0.01754386	0.00000000	0.09090909	0.00000000	0.00000000	0.32911392
## 40	0.00000000	0.01388889	0.00000000	0.00000000	0.01351351	0.00000000
## 41	0.01315789	0.05084746	0.05333333	0.04545455	0.00000000	0.36764706
## 42	0.00000000	0.03947368	0.02702703	0.02985075	0.00000000	0.20000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.05882353	0.00000000



## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000	0.14285714
## 46	0.01449275	0.00000000	0.02666667	0.00000000	0.01666667	0.25333333
## 47	0.01587302	0.01470588	0.01470588	0.03636364	0.00000000	0.15714286
## 48	0.02531646	0.03125000	0.07017544	0.00000000	0.00000000	0.28571429
## 49	0.00000000	0.00000000	0.02777778	0.01639344	0.01562500	0.11250000
## 50	0.01449275	0.01219512	0.02985075	0.01408451	0.00000000	0.10465116
## 51	0.01587302	0.03076923	0.01449275	0.01666667	0.00000000	0.44285714
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.09876543	0.00000000
## 53	0.02816901	0.08860759	0.06756757	0.01449275	0.00000000	0.03846154
## 54	0.03333333	0.01562500	0.05194805	0.03076923	0.00000000	0.17808219
## 55	0.00000000	0.01639344	0.00000000	0.00000000	0.01515152	0.04347826
## 56	0.03174603	0.00000000	0.06250000	0.01694915	0.00000000	0.38961039
## 57	0.01219512	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01724138	0.01538462	0.04761905	0.01754386	0.02985075
## 59	0.00000000	0.01204819	0.01282051	0.01562500	0.00000000	0.02702703
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000
##	205	206	207	208	209	210
## 1	0.01724138	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 3	0.00000000	0.00000000	0.00000000	0.01492537	0.01587302	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.01388889
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.01052632
## 8	0.01449275	0.00000000	0.00000000	0.01515152	0.00000000	0.01369863
## 9	0.01923077	0.00000000	0.00000000	0.00000000	0.00000000	0.03896104
## 10	0.00000000	0.02702703	0.01694915	0.00000000	0.00000000	0.06250000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701
## 13	0.01724138	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276
## 15	0.02985075	0.00000000	0.01492537	0.00000000	0.01470588	0.09523810
## 16	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.02941176
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 18	0.00000000	0.00000000	0.00000000	0.03389831	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.05000000	0.00000000	0.02777778
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06153846
## 22	0.01754386	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 24	0.00000000	0.00000000	0.00000000	0.03508772	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.01315789
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 27	0.00000000	0.00000000	0.00000000	0.01960784	0.00000000	0.03333333
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.07812500	0.00000000	0.06060606	0.00000000	0.00000000	0.00000000
## 31	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 32	0.01886792	0.00000000	0.01639344	0.00000000	0.00000000	0.01408451
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03896104
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 35	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000	0.06557377

## 36	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.05797101	0.00000000	0.01639344	0.02777778
## 38	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.01408451
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.10294118	0.00000000	0.00000000
## 41	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.09230769	0.01754386	0.00000000
## 44	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.01408451
## 46	0.00000000	0.00000000	0.01851852	0.00000000	0.00000000	0.01515152
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05797101
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 50	0.02531646	0.00000000	0.00000000	0.01666667	0.00000000	0.03947368
## 51	0.01818182	0.00000000	0.00000000	0.00000000	0.00000000	0.07812500
## 52	0.00000000	0.00000000	0.00000000	0.01492537	0.03278689	0.00000000
## 53	0.01666667	0.00000000	0.01449275	0.00000000	0.00000000	0.06060606
## 54	0.05357143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 57	0.01612903	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.14285714	0.00000000	0.00000000
## 59	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.06779661	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
##	211	212	213	214	215	216
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06250000
## 11	0.01562500	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103
## 16	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 17	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.04838710	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.02702703
## 20	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000
## 27	0.10000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 28	0.06451613	0.00000000	0.00000000	0.01234568	0.02857143	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06849315
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10389610
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901	0.07812500
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 36	0.00000000	0.03947368	0.01492537	0.01515152	0.01538462	0.00000000
## 37	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.01190476	0.00000000	0.03030303	0.00000000	0.01538462
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 42	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.03125000	0.00000000	0.03508772	0.01612903
## 45	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 54	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176
## 58	0.00000000	0.00000000	0.00000000	0.02531646	0.00000000	0.01666667
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901	0.01639344
## 60	0.01754386	0.00000000	0.00000000	0.00000000	0.02000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	217	218	219	220	221	222
## 1	0.03225806	0.01515152	0.01351351	0.00000000	0.18292683	0.08620690
## 2	0.12727273	0.00000000	0.02564103	0.00000000	0.01388889	0.01639344
## 3	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.07936508	0.00000000	0.00000000	0.00000000	0.01351351	0.01449275
## 5	0.04411765	0.04819277	0.00000000	0.00000000	0.02739726	0.04838710
## 6	0.16666667	0.00000000	0.02597403	0.00000000	0.02631579	0.05970149
## 7	0.13846154	0.00000000	0.06329114	0.00000000	0.02500000	0.04411765
## 8	0.11290323	0.01315789	0.01369863	0.00000000	0.02469136	0.04545455
## 9	0.07692308	0.00000000	0.00000000	0.00000000	0.08000000	0.07692308
## 10	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.07272727	0.01204819	0.02816901	0.00000000	0.01149425	0.00000000
## 12	0.12500000	0.00000000	0.05194805	0.00000000	0.04938272	0.01470588
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.04255319	0.02898551	0.04225352	0.00000000	0.03174603	0.03571429
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01562500	0.00000000	0.13432836	0.01639344	0.01204819	0.00000000
## 17	0.12000000	0.00000000	0.02898551	0.00000000	0.02857143	0.02985075
## 18	0.08928571	0.01250000	0.00000000	0.00000000	0.02816901	0.01754386
## 19	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778
## 21	0.22413793	0.01369863	0.05633803	0.00000000	0.05479452	0.06779661
## 22	0.10526316	0.00000000	0.02597403	0.00000000	0.04687500	0.01492537
## 23	0.21739130	0.00000000	0.07500000	0.00000000	0.02531646	0.03125000
## 24	0.03333333	0.00000000	0.00000000	0.00000000	0.02409639	0.00000000
## 25	0.01562500	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000
## 26	0.01587302	0.01315789	0.10447761	0.00000000	0.01282051	0.00000000
## 27	0.07843137	0.00000000	0.01492537	0.00000000	0.01612903	0.03571429
## 28	0.03125000	0.00000000	0.01219512	0.04477612	0.00000000	0.00000000
## 29	0.01818182	0.02564103	0.00000000	0.00000000	0.01724138	0.01612903
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01470588	0.01351351	0.00000000	0.01538462	0.02564103	0.00000000
## 32	0.00000000	0.01315789	0.00000000	0.00000000	0.01449275	0.01960784
## 33	0.03125000	0.00000000	0.00000000	0.00000000	0.01282051	0.01639344
## 34	0.08474576	0.04411765	0.01470588	0.00000000	0.01333333	0.00000000
## 35	0.17391304	0.00000000	0.00000000	0.00000000	0.06557377	0.08333333
## 36	0.00000000	0.00000000	0.00000000	0.10294118	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.16176471	0.03529412	0.01265823	0.00000000	0.02500000	0.05970149
## 39	0.11475410	0.01351351	0.02500000	0.01515152	0.03846154	0.04838710
## 40	0.00000000	0.02409639	0.00000000	0.00000000	0.02857143	0.04761905
## 41	0.12068966	0.00000000	0.04347826	0.00000000	0.07142857	0.03508772
## 42	0.10204082	0.01282051	0.01265823	0.00000000	0.02564103	0.01562500
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01449275	0.00000000	0.00000000	0.10937500	0.09375000
## 45	0.10909091	0.00000000	0.00000000	0.00000000	0.01449275	0.01694915
## 46	0.08474576	0.03174603	0.05970149	0.00000000	0.05263158	0.05357143
## 47	0.10344828	0.02631579	0.06493506	0.00000000	0.01408451	0.09523810
## 48	0.10000000	0.00000000	0.04545455	0.00000000	0.02597403	0.01587302
## 49	0.05882353	0.07812500	0.01388889	0.00000000	0.06329114	0.03125000
## 50	0.03125000	0.03750000	0.04000000	0.00000000	0.03571429	0.07142857
## 51	0.29824561	0.01492537	0.01612903	0.00000000	0.02985075	0.05454545
## 52	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568	0.01388889
## 54	0.11475410	0.00000000	0.01351351	0.00000000	0.06060606	0.05769231
## 55	0.00000000	0.00000000	0.04411765	0.00000000	0.02739726	0.03225806
## 56	0.12280702	0.04054054	0.04166667	0.00000000	0.01408451	0.00000000
## 57	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.07692308	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.05084746	0.14516129	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
##	223	224	225	226	227	228
## 1	0.18032787	0.08064516	0.00000000	0.05172414	0.05633803	0.04761905
## 2	0.08928571	0.02739726	0.01408451	0.04347826	0.08064516	0.10526316
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.02941176	0.01492537	0.01408451	0.07462687	0.11764706	0.16363636
## 5	0.05882353	0.02777778	0.02816901	0.18644068	0.15068493	0.20967742
## 6	0.07462687	0.00000000	0.01388889	0.13333333	0.07792208	0.31884058
## 7	0.05333333	0.01250000	0.02380952	0.16000000	0.14606742	0.27868852
## 8	0.07462687	0.05333333	0.02439024	0.12162162	0.02531646	0.09722222
## 9	0.07462687	0.03947368	0.01408451	0.12280702	0.05882353	0.16981132
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714
## 11	0.00000000	0.00000000	0.00000000	0.04166667	0.00000000	0.04545455

## 12	0.05263158	0.04651163	0.06896552	0.21621622	0.21250000	0.33333333
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.03921569	0.01449275	0.06250000	0.15384615	0.13333333	0.18367347
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01388889	0.01351351	0.18666667	0.07246377	0.09859155	0.10769231
## 17	0.01666667	0.01369863	0.05555556	0.16666667	0.16438356	0.24615385
## 18	0.01818182	0.00000000	0.00000000	0.03076923	0.10294118	0.10169492
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 20	0.01449275	0.01250000	0.04166667	0.00000000	0.01388889	0.00000000
## 21	0.10769231	0.04000000	0.07352941	0.11594203	0.10769231	0.28301887
## 22	0.01492537	0.01694915	0.01666667	0.05797101	0.02898551	0.05084746
## 23	0.01449275	0.01408451	0.07500000	0.18518519	0.09859155	0.37735849
## 24	0.04545455	0.02898551	0.01538462	0.01562500	0.03225806	0.12698413
## 25	0.02380952	0.02597403	0.00000000	0.11111111	0.01492537	0.02857143
## 26	0.00000000	0.02666667	0.07352941	0.04545455	0.04285714	0.08474576
## 27	0.01666667	0.00000000	0.01639344	0.06896552	0.04918033	0.17741935
## 28	0.00000000	0.00000000	0.04651163	0.00000000	0.00000000	0.00000000
## 29	0.03125000	0.01492537	0.00000000	0.03076923	0.04109589	0.08196721
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.02985075	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.04285714	0.02941176	0.00000000	0.00000000	0.01587302	0.03703704
## 33	0.01587302	0.00000000	0.15789474	0.10666667	0.05797101	0.14516129
## 34	0.01639344	0.00000000	0.01428571	0.05084746	0.09375000	0.10909091
## 35	0.06000000	0.03278689	0.04687500	0.15151515	0.07462687	0.27777778
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 38	0.04477612	0.01298701	0.07142857	0.17647059	0.18918919	0.22857143
## 39	0.01694915	0.02597403	0.03797468	0.16901408	0.09722222	0.21311475
## 40	0.04347826	0.00000000	0.00000000	0.00000000	0.01333333	0.01408451
## 41	0.06250000	0.06153846	0.04687500	0.20895522	0.17647059	0.40740741
## 42	0.02816901	0.08000000	0.05813953	0.11940299	0.12500000	0.14925373
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.08196721	0.07812500	0.00000000	0.00000000	0.01408451	0.03076923
## 45	0.01470588	0.00000000	0.04687500	0.08474576	0.05405405	0.10526316
## 46	0.04411765	0.01388889	0.02857143	0.19354839	0.14705882	0.18333333
## 47	0.06557377	0.03278689	0.07692308	0.26315789	0.07246377	0.23076923
## 48	0.03448276	0.00000000	0.01428571	0.14000000	0.07462687	0.25454545
## 49	0.07142857	0.01449275	0.01562500	0.03278689	0.10256410	0.10344828
## 50	0.08955224	0.00000000	0.02857143	0.11842105	0.12162162	0.15714286
## 51	0.03636364	0.01470588	0.04615385	0.15151515	0.07042254	0.16071429
## 52	0.00000000	0.01587302	0.01470588	0.01562500	0.00000000	0.04477612
## 53	0.03030303	0.00000000	0.00000000	0.01492537	0.01351351	0.01562500
## 54	0.04285714	0.03125000	0.02816901	0.20895522	0.24615385	0.32786885
## 55	0.01694915	0.01470588	0.00000000	0.04411765	0.05263158	0.06060606
## 56	0.01515152	0.01587302	0.06250000	0.29411765	0.14925373	0.33333333
## 57	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 58	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.02739726	0.01333333	0.01562500	0.01333333	0.01449275	0.00000000
## 60	0.00000000	0.01408451	0.00000000	0.01639344	0.01562500	0.01960784
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.01562500
##	229	230	231	232	233	234
## 1	0.01492537	0.00000000	0.00000000	0.00000000	0.04838710	0.00000000
## 2	0.13114754	0.00000000	0.00000000	0.11290323	0.21875000	0.00000000
## 3	0.00000000	0.14705882	0.00000000	0.00000000	0.00000000	0.01666667

## 4	0.05000000	0.01515152	0.00000000	0.08695652	0.17910448	0.00000000
## 5	0.05714286	0.00000000	0.01282051	0.09722222	0.15584416	0.00000000
## 6	0.09523810	0.00000000	0.00000000	0.03278689	0.19402985	0.00000000
## 7	0.32835821	0.00000000	0.00000000	0.07058824	0.22077922	0.00000000
## 8	0.24285714	0.00000000	0.00000000	0.07352941	0.12048193	0.00000000
## 9	0.15789474	0.00000000	0.00000000	0.03448276	0.06666667	0.01666667
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 11	0.03225806	0.00000000	0.00000000	0.01428571	0.04761905	0.00000000
## 12	0.17808219	0.00000000	0.00000000	0.18181818	0.40259740	0.00000000
## 13	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000	0.07692308
## 14	0.10869565	0.00000000	0.00000000	0.16393443	0.19642857	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.01724138
## 16	0.06849315	0.00000000	0.01282051	0.26785714	0.08571429	0.01694915
## 17	0.18181818	0.00000000	0.01369863	0.04687500	0.24590164	0.00000000
## 18	0.06557377	0.00000000	0.00000000	0.03125000	0.08064516	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386
## 20	0.01351351	0.00000000	0.01408451	0.01388889	0.01388889	0.00000000
## 21	0.32835821	0.00000000	0.00000000	0.20967742	0.44642857	0.00000000
## 22	0.04109589	0.00000000	0.00000000	0.03278689	0.06250000	0.00000000
## 23	0.14285714	0.00000000	0.00000000	0.25000000	0.23728814	0.00000000
## 24	0.00000000	0.01587302	0.00000000	0.07812500	0.04411765	0.01886792
## 25	0.09523810	0.00000000	0.00000000	0.04411765	0.04054054	0.00000000
## 26	0.03225806	0.00000000	0.00000000	0.11764706	0.01587302	0.00000000
## 27	0.07017544	0.00000000	0.00000000	0.03773585	0.03703704	0.00000000
## 28	0.00000000	0.00000000	0.02469136	0.03947368	0.00000000	0.00000000
## 29	0.03508772	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01612903	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 32	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.02777778	0.00000000	0.00000000	0.04166667	0.11594203	0.00000000
## 34	0.05172414	0.00000000	0.00000000	0.06451613	0.08771930	0.00000000
## 35	0.13793103	0.00000000	0.00000000	0.12000000	0.24561404	0.00000000
## 36	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 38	0.06944444	0.00000000	0.00000000	0.15789474	0.30263158	0.00000000
## 39	0.20634921	0.00000000	0.00000000	0.15000000	0.30555556	0.00000000
## 40	0.01724138	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.15068493	0.00000000	0.00000000	0.24561404	0.30769231	0.00000000
## 42	0.19117647	0.00000000	0.01219512	0.13432836	0.21621622	0.00000000
## 43	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01818182	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.13888889	0.00000000	0.00000000	0.16393443	0.12162162	0.00000000
## 46	0.07812500	0.00000000	0.00000000	0.08474576	0.17241379	0.00000000
## 47	0.07547170	0.00000000	0.00000000	0.07017544	0.08474576	0.00000000
## 48	0.23809524	0.00000000	0.00000000	0.03278689	0.25423729	0.00000000
## 49	0.09459459	0.00000000	0.00000000	0.03174603	0.12068966	0.00000000
## 50	0.08823529	0.00000000	0.00000000	0.09090909	0.04109589	0.00000000
## 51	0.16666667	0.00000000	0.00000000	0.21052632	0.25000000	0.00000000
## 52	0.00000000	0.01408451	0.00000000	0.04411765	0.00000000	0.00000000
## 53	0.06172840	0.00000000	0.00000000	0.01639344	0.01369863	0.01960784
## 54	0.14285714	0.00000000	0.00000000	0.12962963	0.12903226	0.00000000
## 55	0.01562500	0.00000000	0.02898551	0.09523810	0.04615385	0.00000000
## 56	0.27777778	0.00000000	0.00000000	0.23880597	0.48529412	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000

## 58	0.06153846	0.05172414	0.00000000	0.00000000	0.00000000	0.01818182
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.03333333	0.00000000	0.01724138	0.00000000	0.06666667	0.00000000
## 61	0.00000000	0.05714286	0.01333333	0.00000000	0.00000000	0.00000000
##	235	236	237	238	239	240
## 1	0.02816901	0.01724138	0.02857143	0.07142857	0.00000000	0.00000000
## 2	0.01428571	0.08196721	0.10294118	0.19480519	0.00000000	0.01449275
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 4	0.00000000	0.00000000	0.03896104	0.08108108	0.00000000	0.00000000
## 5	0.02564103	0.04545455	0.08571429	0.18918919	0.00000000	0.00000000
## 6	0.01282051	0.03278689	0.05882353	0.16216216	0.00000000	0.00000000
## 7	0.01176471	0.03076923	0.12658228	0.17204301	0.00000000	0.00000000
## 8	0.00000000	0.05882353	0.10666667	0.15384615	0.00000000	0.00000000
## 9	0.01492537	0.13235294	0.08333333	0.12068966	0.00000000	0.00000000
## 10	0.00000000	0.03225806	0.03125000	0.01587302	0.00000000	0.02857143
## 11	0.01333333	0.00000000	0.02985075	0.08333333	0.02739726	0.00000000
## 12	0.02409639	0.04918033	0.05000000	0.28571429	0.01250000	0.00000000
## 13	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.01639344
## 14	0.01587302	0.01724138	0.07936508	0.19354839	0.00000000	0.00000000
## 15	0.00000000	0.05882353	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01298701	0.05405405	0.02739726	0.07594937	0.00000000	0.00000000
## 17	0.00000000	0.05405405	0.06666667	0.31250000	0.00000000	0.00000000
## 18	0.01515152	0.01639344	0.00000000	0.11940299	0.00000000	0.00000000
## 19	0.00000000	0.08333333	0.00000000	0.00000000	0.00000000	0.03076923
## 20	0.01204819	0.05555556	0.02409639	0.00000000	0.00000000	0.00000000
## 21	0.01449275	0.04687500	0.10294118	0.40909091	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.07352941	0.10769231	0.00000000	0.00000000
## 23	0.01315789	0.04285714	0.04225352	0.18461538	0.00000000	0.00000000
## 24	0.07594937	0.01538462	0.01369863	0.06578947	0.00000000	0.00000000
## 25	0.00000000	0.01492537	0.10975610	0.07692308	0.01250000	0.00000000
## 26	0.01351351	0.00000000	0.00000000	0.01265823	0.02666667	0.00000000
## 27	0.00000000	0.05555556	0.10000000	0.06060606	0.00000000	0.01562500
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01470588	0.01298701	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.02439024	0.00000000	0.00000000	0.00000000
## 32	0.01408451	0.03508772	0.01282051	0.00000000	0.00000000	0.01449275
## 33	0.00000000	0.01694915	0.03529412	0.12162162	0.00000000	0.00000000
## 34	0.02857143	0.00000000	0.03278689	0.12162162	0.00000000	0.00000000
## 35	0.00000000	0.08928571	0.16176471	0.22058824	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.01428571	0.00000000	0.02777778	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.03750000	0.03225806	0.12000000	0.17073171	0.00000000	0.00000000
## 39	0.00000000	0.03225806	0.03896104	0.25757576	0.01388889	0.00000000
## 40	0.02469136	0.00000000	0.00000000	0.01639344	0.00000000	0.01388889
## 41	0.04347826	0.08064516	0.09230769	0.33720930	0.00000000	0.00000000
## 42	0.04819277	0.01562500	0.11594203	0.26829268	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 44	0.02857143	0.00000000	0.01666667	0.00000000	0.00000000	0.01666667
## 45	0.02631579	0.00000000	0.04687500	0.22666667	0.00000000	0.00000000
## 46	0.10000000	0.00000000	0.07042254	0.19354839	0.00000000	0.04109589
## 47	0.03278689	0.06451613	0.03571429	0.16417910	0.00000000	0.00000000
## 48	0.00000000	0.05660377	0.08571429	0.16417910	0.01470588	0.00000000
## 49	0.00000000	0.01639344	0.08064516	0.04054054	0.00000000	0.00000000

## 50	0.00000000	0.04615385	0.01492537	0.17948718	0.01369863	0.00000000
## 51	0.02816901	0.02857143	0.05000000	0.34328358	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.01351351
## 53	0.00000000	0.12307692	0.02469136	0.01388889	0.00000000	0.00000000
## 54	0.01388889	0.01724138	0.07812500	0.08955224	0.00000000	0.00000000
## 55	0.00000000	0.02941176	0.02702703	0.01538462	0.02985075	0.00000000
## 56	0.04761905	0.06896552	0.05882353	0.30303030	0.00000000	0.00000000
## 57	0.00000000	0.01639344	0.01265823	0.00000000	0.00000000	0.00000000
## 58	0.03030303	0.00000000	0.01612903	0.03076923	0.00000000	0.01724138
## 59	0.04411765	0.03278689	0.04761905	0.00000000	0.00000000	0.01369863
## 60	0.07042254	0.01754386	0.01724138	0.06849315	0.00000000	0.00000000
## 61	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
##	241	242	243	244	245	246
## 1	0.01428571	0.00000000	0.01785714	0.08955224	0.00000000	0.01428571
## 2	0.09230769	0.05263158	0.14062500	0.14084507	0.00000000	0.06849315
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.02857143	0.16417910	0.10144928	0.07692308	0.01351351	0.01282051
## 5	0.02898551	0.13793103	0.11267606	0.15277778	0.01408451	0.03797468
## 6	0.01351351	0.11111111	0.12162162	0.28571429	0.04477612	0.06250000
## 7	0.02702703	0.10526316	0.34615385	0.41333333	0.06944444	0.07777778
## 8	0.03278689	0.15584416	0.15714286	0.28947368	0.01408451	0.05000000
## 9	0.02816901	0.16949153	0.12000000	0.22077922	0.02531646	0.05633803
## 10	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 11	0.02702703	0.16129032	0.03076923	0.10144928	0.00000000	0.07894737
## 12	0.00000000	0.19178082	0.18750000	0.14285714	0.00000000	0.10526316
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01851852	0.00000000
## 14	0.00000000	0.14000000	0.14754098	0.10526316	0.01754386	0.11475410
## 15	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.01265823
## 16	0.03125000	0.11764706	0.05882353	0.02702703	0.01333333	0.02857143
## 17	0.01587302	0.19696970	0.14705882	0.21126761	0.02816901	0.07246377
## 18	0.01492537	0.20312500	0.01612903	0.12500000	0.00000000	0.07142857
## 19	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01333333	0.01639344	0.01369863	0.01449275	0.02409639
## 21	0.03333333	0.14516129	0.23809524	0.38461538	0.03174603	0.17142857
## 22	0.00000000	0.04615385	0.05882353	0.08108108	0.01785714	0.33766234
## 23	0.03030303	0.14516129	0.14925373	0.32467532	0.00000000	0.14492754
## 24	0.00000000	0.04918033	0.01298701	0.04225352	0.00000000	0.06944444
## 25	0.02816901	0.07042254	0.06666667	0.09859155	0.02941176	0.02597403
## 26	0.00000000	0.00000000	0.05172414	0.04545455	0.11764706	0.00000000
## 27	0.00000000	0.15151515	0.10294118	0.13235294	0.03389831	0.05714286
## 28	0.01492537	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01666667	0.02985075	0.00000000	0.04918033	0.00000000	0.01298701
## 30	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01428571	0.07142857	0.06756757	0.12500000	0.02739726	0.15789474
## 34	0.00000000	0.07017544	0.00000000	0.09090909	0.00000000	0.01562500
## 35	0.01666667	0.15789474	0.15000000	0.21311475	0.03076923	0.11666667
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01428571	0.17391304	0.15068493	0.27397260	0.02597403	0.07792208
## 39	0.01562500	0.15254237	0.15942029	0.14285714	0.00000000	0.12162162
## 40	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 41	0.01449275	0.17142857	0.22388060	0.23750000	0.00000000	0.10000000



## 42	0.00000000	0.11111111	0.10810811	0.24324324	0.00000000	0.06849315
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 45	0.00000000	0.12676056	0.01428571	0.11940299	0.00000000	0.14516129
## 46	0.00000000	0.11666667	0.07272727	0.14516129	0.03225806	0.14814815
## 47	0.01612903	0.07462687	0.12307692	0.10144928	0.01666667	0.09090909
## 48	0.01639344	0.07352941	0.21538462	0.31884058	0.03797468	0.16216216
## 49	0.04687500	0.01612903	0.11666667	0.10000000	0.00000000	0.01428571
## 50	0.03076923	0.17391304	0.09459459	0.12643678	0.02739726	0.07594937
## 51	0.05555556	0.09090909	0.22972973	0.45161290	0.01492537	0.13846154
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 53	0.01449275	0.00000000	0.00000000	0.01492537	0.01515152	0.00000000
## 54	0.01428571	0.14754098	0.18644068	0.24615385	0.02985075	0.04545455
## 55	0.00000000	0.01694915	0.03225806	0.00000000	0.11290323	0.00000000
## 56	0.02777778	0.35211268	0.06666667	0.25757576	0.00000000	0.25396825
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01639344	0.00000000	0.01923077	0.01754386	0.00000000	0.01428571
## 59	0.00000000	0.01851852	0.07792208	0.06060606	0.00000000	0.02631579
## 60	0.01515152	0.01515152	0.00000000	0.04615385	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.01282051	0.01587302	0.00000000	0.00000000
##	247	248	249	250	251	252
## 1	0.03896104	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.15492958	0.00000000	0.01369863	0.06250000	0.00000000	0.06557377
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 4	0.04166667	0.00000000	0.00000000	0.05263158	0.00000000	0.01428571
## 5	0.04347826	0.00000000	0.00000000	0.01470588	0.00000000	0.02702703
## 6	0.08064516	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 7	0.18823529	0.00000000	0.00000000	0.08433735	0.00000000	0.08000000
## 8	0.24324324	0.00000000	0.00000000	0.10000000	0.00000000	0.04109589
## 9	0.17910448	0.00000000	0.00000000	0.18840580	0.00000000	0.04545455
## 10	0.01149425	0.00000000	0.02898551	0.10714286	0.00000000	0.08064516
## 11	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915
## 12	0.04054054	0.00000000	0.00000000	0.06250000	0.00000000	0.02898551
## 13	0.01449275	0.01587302	0.01351351	0.00000000	0.05357143	0.00000000
## 14	0.01851852	0.00000000	0.00000000	0.04918033	0.00000000	0.01851852
## 15	0.01282051	0.00000000	0.01265823	0.00000000	0.00000000	0.06493506
## 16	0.01492537	0.00000000	0.00000000	0.04285714	0.00000000	0.01612903
## 17	0.14035088	0.00000000	0.00000000	0.06349206	0.00000000	0.05263158
## 18	0.04285714	0.00000000	0.00000000	0.01785714	0.00000000	0.01785714
## 19	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.02857143	0.05194805	0.00000000	0.00000000
## 21	0.20634921	0.00000000	0.00000000	0.08333333	0.00000000	0.06451613
## 22	0.06578947	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915
## 23	0.16216216	0.00000000	0.00000000	0.09459459	0.00000000	0.06756757
## 24	0.01388889	0.04000000	0.00000000	0.01851852	0.01587302	0.00000000
## 25	0.10126582	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 26	0.04347826	0.01515152	0.00000000	0.01408451	0.03333333	0.01562500
## 27	0.08064516	0.00000000	0.00000000	0.05000000	0.00000000	0.01587302
## 28	0.01234568	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.04347826	0.01388889	0.07142857	0.00000000
## 31	0.05063291	0.00000000	0.02500000	0.00000000	0.00000000	0.02898551
## 32	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.06349206
## 33	0.02597403	0.00000000	0.00000000	0.01298701	0.00000000	0.01639344

## 34	0.04545455	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 35	0.09375000	0.00000000	0.00000000	0.05172414	0.00000000	0.03773585
## 36	0.00000000	0.00000000	0.01315789	0.01492537	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.03797468	0.00000000	0.01639344	0.00000000
## 38	0.04938272	0.00000000	0.00000000	0.01369863	0.00000000	0.02941176
## 39	0.05263158	0.00000000	0.00000000	0.05714286	0.00000000	0.05797101
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.16176471	0.00000000	0.00000000	0.10606061	0.00000000	0.05633803
## 42	0.13924051	0.00000000	0.00000000	0.00000000	0.00000000	0.04347826
## 43	0.00000000	0.05797101	0.00000000	0.00000000	0.01492537	0.00000000
## 44	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792
## 45	0.06756757	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 46	0.04225352	0.00000000	0.00000000	0.05714286	0.00000000	0.03389831
## 47	0.06250000	0.00000000	0.00000000	0.20588235	0.00000000	0.06666667
## 48	0.20270270	0.00000000	0.00000000	0.09836066	0.00000000	0.13559322
## 49	0.08333333	0.00000000	0.00000000	0.01754386	0.00000000	0.04838710
## 50	0.07352941	0.00000000	0.00000000	0.02631579	0.00000000	0.01587302
## 51	0.21428571	0.00000000	0.00000000	0.07462687	0.00000000	0.06153846
## 52	0.00000000	0.01639344	0.00000000	0.00000000	0.01492537	0.00000000
## 53	0.03797468	0.00000000	0.00000000	0.11594203	0.01492537	0.09836066
## 54	0.08333333	0.00000000	0.00000000	0.04918033	0.00000000	0.01886792
## 55	0.00000000	0.00000000	0.03125000	0.03278689	0.00000000	0.00000000
## 56	0.09333333	0.00000000	0.00000000	0.09836066	0.00000000	0.06451613
## 57	0.00000000	0.00000000	0.02597403	0.00000000	0.06000000	0.00000000
## 58	0.04285714	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 59	0.04109589	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 61	0.00000000	0.08333333	0.00000000	0.00000000	0.00000000	0.00000000
##	253	254	255	256	257	258
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 2	0.03896104	0.00000000	0.00000000	0.01587302	0.00000000	0.10937500
## 3	0.00000000	0.00000000	0.07142857	0.03333333	0.00000000	0.00000000
## 4	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.19444444
## 5	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.12307692
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.15151515
## 7	0.02631579	0.00000000	0.00000000	0.00000000	0.01176471	0.22077922
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333
## 9	0.03797468	0.00000000	0.00000000	0.00000000	0.00000000	0.04761905
## 10	0.06451613	0.00000000	0.01388889	0.00000000	0.01428571	0.01562500
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05333333
## 12	0.01369863	0.00000000	0.00000000	0.00000000	0.01265823	0.07594937
## 13	0.00000000	0.00000000	0.01666667	0.06666667	0.01515152	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.23076923
## 15	0.04054054	0.00000000	0.00000000	0.00000000	0.01234568	0.02739726
## 16	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000	0.05333333
## 17	0.01449275	0.00000000	0.00000000	0.00000000	0.01315789	0.10526316
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 19	0.05633803	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01265823	0.00000000	0.00000000	0.00000000	0.01428571	0.01408451
## 21	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.33823529
## 22	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.18461538
## 23	0.03896104	0.00000000	0.00000000	0.00000000	0.00000000	0.18181818
## 24	0.01369863	0.01562500	0.03571429	0.01333333	0.00000000	0.03076923
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.10810811

## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.02469136	0.04225352
## 27	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.05769231
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 30	0.03225806	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 31	0.12676056	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 32	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 33	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.05405405
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.07462687
## 35	0.03921569	0.00000000	0.00000000	0.00000000	0.00000000	0.20370370
## 36	0.00000000	0.04000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01449275	0.00000000	0.03076923	0.01315789	0.00000000	0.00000000
## 38	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.22222222
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.17391304
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.04477612	0.00000000	0.00000000	0.01639344	0.00000000	0.36507937
## 42	0.02816901	0.00000000	0.00000000	0.01388889	0.00000000	0.25352113
## 43	0.00000000	0.00000000	0.05882353	0.01315789	0.01298701	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.10769231
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.06666667
## 47	0.03125000	0.00000000	0.00000000	0.00000000	0.01315789	0.11111111
## 48	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.19718310
## 49	0.01492537	0.00000000	0.03278689	0.00000000	0.00000000	0.08064516
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.04761905
## 51	0.01538462	0.00000000	0.00000000	0.01408451	0.00000000	0.46666667
## 52	0.00000000	0.00000000	0.09836066	0.01470588	0.00000000	0.00000000
## 53	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 54	0.01470588	0.00000000	0.00000000	0.00000000	0.01428571	0.21818182
## 55	0.00000000	0.00000000	0.01724138	0.01612903	0.01388889	0.01562500
## 56	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.12857143
## 57	0.01492537	0.00000000	0.01587302	0.00000000	0.02666667	0.00000000
## 58	0.01612903	0.00000000	0.01538462	0.07352941	0.00000000	0.01351351
## 59	0.03030303	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333
## 61	0.00000000	0.00000000	0.08333333	0.09090909	0.00000000	0.00000000
##	259	260	261	262	263	264
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.03571429	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.07462687	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.02985075	0.00000000	0.12195122	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.08860759	0.00000000
## 6	0.00000000	0.00000000	0.04761905	0.00000000	0.14285714	0.00000000
## 7	0.00000000	0.01250000	0.08450704	0.00000000	0.15068493	0.00000000
## 8	0.00000000	0.00000000	0.05063291	0.00000000	0.09523810	0.00000000
## 9	0.00000000	0.00000000	0.08955224	0.00000000	0.26315789	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000
## 11	0.00000000	0.00000000	0.04285714	0.00000000	0.02857143	0.01162791
## 12	0.00000000	0.01176471	0.03225806	0.00000000	0.12328767	0.00000000
## 13	0.05172414	0.05084746	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.01694915	0.00000000	0.10909091	0.00000000
## 15	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01428571	0.01298701	0.00000000	0.02816901	0.00000000
## 17	0.00000000	0.01587302	0.00000000	0.00000000	0.16901408	0.00000000

## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01470588	0.01408451	0.06172840
## 20	0.00000000	0.01408451	0.00000000	0.04166667	0.01449275	0.00000000
## 21	0.00000000	0.00000000	0.04477612	0.00000000	0.21212121	0.00000000
## 22	0.00000000	0.00000000	0.01515152	0.00000000	0.06944444	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.13698630	0.00000000
## 24	0.00000000	0.00000000	0.01351351	0.00000000	0.04000000	0.00000000
## 25	0.00000000	0.01234568	0.01408451	0.00000000	0.07246377	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000
## 27	0.00000000	0.00000000	0.02173913	0.00000000	0.25000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01204819
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01666667	0.01265823	0.00000000	0.00000000
## 32	0.00000000	0.02941176	0.00000000	0.01428571	0.03703704	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.06944444	0.00000000
## 34	0.00000000	0.01754386	0.00000000	0.00000000	0.05714286	0.01515152
## 35	0.00000000	0.01694915	0.02439024	0.00000000	0.18181818	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01587302	0.04285714	0.00000000	0.07042254	0.00000000	0.01428571
## 38	0.00000000	0.00000000	0.02631579	0.00000000	0.13924051	0.00000000
## 39	0.00000000	0.00000000	0.01612903	0.00000000	0.14516129	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 41	0.00000000	0.00000000	0.06896552	0.00000000	0.26086957	0.00000000
## 42	0.00000000	0.00000000	0.01515152	0.00000000	0.04545455	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.01470588	0.00000000	0.03030303	0.01408451
## 46	0.00000000	0.01492537	0.00000000	0.00000000	0.10447761	0.00000000
## 47	0.00000000	0.01666667	0.01612903	0.00000000	0.09230769	0.00000000
## 48	0.00000000	0.00000000	0.09836066	0.00000000	0.15492958	0.01538462
## 49	0.00000000	0.00000000	0.01639344	0.00000000	0.12280702	0.00000000
## 50	0.00000000	0.00000000	0.04000000	0.00000000	0.18840580	0.00000000
## 51	0.00000000	0.00000000	0.05555556	0.00000000	0.15384615	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01515152	0.07042254	0.05263158	0.02777778
## 54	0.00000000	0.01818182	0.08474576	0.00000000	0.28571429	0.00000000
## 55	0.00000000	0.03225806	0.00000000	0.01612903	0.07936508	0.00000000
## 56	0.00000000	0.00000000	0.01666667	0.00000000	0.14062500	0.00000000
## 57	0.01694915	0.00000000	0.01492537	0.01492537	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
##	265	266	267	268	269	270
## 1	0.00000000	0.01470588	0.01333333	0.00000000	0.01428571	0.00000000
## 2	0.00000000	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.01470588	0.00000000	0.01562500	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000
## 5	0.01333333	0.00000000	0.08450704	0.00000000	0.03174603	0.00000000
## 6	0.00000000	0.01612903	0.10666667	0.01351351	0.01282051	0.00000000
## 7	0.00000000	0.00000000	0.05405405	0.03947368	0.01190476	0.00000000
## 8	0.00000000	0.01369863	0.05797101	0.07142857	0.01538462	0.00000000
## 9	0.00000000	0.01538462	0.01298701	0.01587302	0.01388889	0.00000000

## 10	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.05882353
## 11	0.00000000	0.01333333	0.04285714	0.06060606	0.04687500	0.00000000
## 12	0.01351351	0.00000000	0.13414634	0.01351351	0.00000000	0.00000000
## 13	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.10000000	0.02941176	0.01470588	0.00000000
## 15	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000	0.05714286
## 16	0.00000000	0.01515152	0.02941176	0.00000000	0.03614458	0.00000000
## 17	0.00000000	0.00000000	0.14084507	0.01408451	0.01538462	0.00000000
## 18	0.01754386	0.00000000	0.04225352	0.01492537	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 20	0.00000000	0.01388889	0.00000000	0.00000000	0.01265823	0.00000000
## 21	0.00000000	0.00000000	0.10389610	0.01562500	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.21428571	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.12987013	0.00000000	0.02469136	0.00000000
## 24	0.00000000	0.00000000	0.03896104	0.25806452	0.01298701	0.00000000
## 25	0.00000000	0.00000000	0.07894737	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01694915	0.00000000	0.00000000	0.03076923	0.00000000
## 27	0.00000000	0.00000000	0.05454545	0.02040816	0.00000000	0.00000000
## 28	0.00000000	0.01538462	0.00000000	0.00000000	0.03896104	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03389831
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01515152	0.00000000	0.08450704	0.02816901	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.07407407	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.11940299	0.01818182	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01234568	0.00000000	0.13513514	0.05714286	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.17105263	0.00000000	0.01515152	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.09859155	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.01562500	0.07594937	0.01408451	0.00000000	0.00000000
## 43	0.01282051	0.01408451	0.00000000	0.04347826	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.06557377	0.01562500	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.11111111	0.01333333	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.13333333	0.03030303	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.14062500	0.01785714	0.00000000	0.00000000
## 49	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.10294118	0.01470588	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.20312500	0.02000000	0.01408451	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.03750000	0.01369863	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.01612903	0.01639344	0.01515152	0.00000000
## 55	0.00000000	0.00000000	0.04225352	0.00000000	0.04687500	0.00000000
## 56	0.00000000	0.00000000	0.08928571	0.06451613	0.05172414	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01639344	0.00000000	0.00000000	0.06349206	0.00000000	0.00000000
## 59	0.00000000	0.01886792	0.00000000	0.01538462	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.01612903	0.01538462	0.00000000	0.00000000
## 61	0.01449275	0.00000000	0.00000000	0.05333333	0.00000000	0.00000000
##	271	272	273	274	275	276
## 1	0.00000000	0.08955224	0.00000000	0.13846154	0.02816901	0.00000000

## 2	0.00000000	0.07692308	0.00000000	0.01408451	0.09230769	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.11428571	0.00000000	0.02857143	0.00000000	0.00000000
## 5	0.00000000	0.16470588	0.00000000	0.10937500	0.04109589	0.01538462
## 6	0.00000000	0.22535211	0.00000000	0.06944444	0.00000000	0.00000000
## 7	0.00000000	0.17500000	0.00000000	0.10958904	0.02816901	0.00000000
## 8	0.00000000	0.08333333	0.00000000	0.02666667	0.01315789	0.00000000
## 9	0.00000000	0.15942029	0.00000000	0.01333333	0.01666667	0.00000000
## 10	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.03333333
## 11	0.00000000	0.03030303	0.00000000	0.00000000	0.02702703	0.00000000
## 12	0.00000000	0.13580247	0.00000000	0.08974359	0.06756757	0.00000000
## 13	0.01562500	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 14	0.00000000	0.13793103	0.00000000	0.11666667	0.03333333	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 16	0.01282051	0.12162162	0.00000000	0.02666667	0.19718310	0.01724138
## 17	0.00000000	0.16417910	0.00000000	0.11594203	0.09375000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.01515152	0.02857143	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 20	0.01250000	0.01298701	0.01492537	0.00000000	0.01515152	0.02941176
## 21	0.00000000	0.13235294	0.00000000	0.11764706	0.05797101	0.01754386
## 22	0.00000000	0.06410256	0.00000000	0.04166667	0.03076923	0.00000000
## 23	0.00000000	0.24242424	0.00000000	0.06578947	0.04761905	0.00000000
## 24	0.00000000	0.09090909	0.00000000	0.02739726	0.00000000	0.00000000
## 25	0.00000000	0.10810811	0.00000000	0.02666667	0.00000000	0.00000000
## 26	0.00000000	0.03076923	0.00000000	0.03030303	0.01315789	0.01612903
## 27	0.00000000	0.13793103	0.00000000	0.05882353	0.00000000	0.00000000
## 28	0.00000000	0.01219512	0.00000000	0.00000000	0.02531646	0.00000000
## 29	0.00000000	0.04411765	0.00000000	0.01449275	0.01612903	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01369863	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.11538462	0.00000000	0.05333333	0.02898551	0.00000000
## 34	0.00000000	0.05479452	0.00000000	0.08695652	0.03076923	0.00000000
## 35	0.00000000	0.05263158	0.00000000	0.05555556	0.05769231	0.00000000
## 36	0.00000000	0.00000000	0.03896104	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 38	0.00000000	0.13157895	0.00000000	0.10256410	0.07042254	0.00000000
## 39	0.00000000	0.12500000	0.00000000	0.14285714	0.05970149	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.19480519	0.00000000	0.21333333	0.11267606	0.00000000
## 42	0.00000000	0.09210526	0.00000000	0.06756757	0.08955224	0.01333333
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 44	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.08695652	0.00000000	0.06578947	0.07246377	0.00000000
## 46	0.00000000	0.11594203	0.00000000	0.14516129	0.04918033	0.00000000
## 47	0.00000000	0.25862069	0.00000000	0.07936508	0.04477612	0.00000000
## 48	0.00000000	0.12698413	0.00000000	0.06779661	0.00000000	0.01923077
## 49	0.00000000	0.16666667	0.00000000	0.10294118	0.01470588	0.00000000
## 50	0.00000000	0.13114754	0.00000000	0.05555556	0.00000000	0.00000000
## 51	0.00000000	0.15384615	0.00000000	0.08750000	0.03225806	0.00000000
## 52	0.00000000	0.01470588	0.00000000	0.00000000	0.01666667	0.00000000
## 53	0.01204819	0.02531646	0.00000000	0.00000000	0.01250000	0.03278689
## 54	0.00000000	0.22535211	0.00000000	0.12698413	0.01612903	0.00000000
## 55	0.02739726	0.01515152	0.00000000	0.01612903	0.04545455	0.00000000

## 56	0.00000000	0.19117647	0.00000000	0.07352941	0.11111111	0.00000000
## 57	0.02531646	0.00000000	0.00000000	0.00000000	0.01351351	0.03174603
## 58	0.00000000	0.02985075	0.00000000	0.03225806	0.02777778	0.00000000
## 59	0.00000000	0.01351351	0.00000000	0.01428571	0.01492537	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.12903226	0.01612903	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
##	277	278	279	280	281	282
## 1	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 2	0.03125000	0.00000000	0.00000000	0.00000000	0.01492537	0.02777778
## 3	0.00000000	0.00000000	0.03846154	0.00000000	0.00000000	0.02857143
## 4	0.06153846	0.00000000	0.00000000	0.01234568	0.01754386	0.01190476
## 5	0.12500000	0.00000000	0.00000000	0.00000000	0.02985075	0.02857143
## 6	0.10256410	0.00000000	0.00000000	0.01492537	0.00000000	0.05405405
## 7	0.14666667	0.00000000	0.00000000	0.05063291	0.04000000	0.03846154
## 8	0.10144928	0.00000000	0.00000000	0.00000000	0.01515152	0.02631579
## 9	0.07692308	0.00000000	0.00000000	0.00000000	0.03636364	0.01408451
## 10	0.01428571	0.02739726	0.00000000	0.00000000	0.01587302	0.00000000
## 11	0.06172840	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 12	0.16666667	0.00000000	0.00000000	0.00000000	0.01470588	0.02666667
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 14	0.20000000	0.00000000	0.00000000	0.01449275	0.00000000	0.08333333
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 16	0.02597403	0.00000000	0.00000000	0.01298701	0.01724138	0.05000000
## 17	0.12307692	0.00000000	0.00000000	0.01492537	0.00000000	0.02777778
## 18	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.04000000	0.02702703	0.04819277
## 21	0.12328767	0.00000000	0.00000000	0.03030303	0.01666667	0.04477612
## 22	0.01449275	0.00000000	0.00000000	0.00000000	0.04918033	0.01449275
## 23	0.24691358	0.00000000	0.00000000	0.01515152	0.02898551	0.03030303
## 24	0.01538462	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 25	0.07594937	0.00000000	0.00000000	0.01388889	0.04000000	0.00000000
## 26	0.02985075	0.00000000	0.00000000	0.02739726	0.00000000	0.07142857
## 27	0.06250000	0.00000000	0.00000000	0.00000000	0.01960784	0.01428571
## 28	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 29	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000
## 31	0.00000000	0.04687500	0.00000000	0.00000000	0.01587302	0.00000000
## 32	0.01694915	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 33	0.13924051	0.00000000	0.00000000	0.01428571	0.04477612	0.02666667
## 34	0.04918033	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 35	0.08955224	0.00000000	0.00000000	0.03174603	0.00000000	0.01639344
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.06451613	0.01538462	0.00000000	0.01351351
## 38	0.13924051	0.00000000	0.00000000	0.02409639	0.02739726	0.05000000
## 39	0.11392405	0.00000000	0.00000000	0.00000000	0.03076923	0.01408451
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.26666667	0.00000000	0.00000000	0.00000000	0.02985075	0.05714286
## 42	0.09722222	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000
## 44	0.01666667	0.00000000	0.00000000	0.01538462	0.01694915	0.00000000
## 45	0.06756757	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 46	0.19718310	0.00000000	0.00000000	0.00000000	0.01818182	0.04615385
## 47	0.16666667	0.00000000	0.00000000	0.00000000	0.01851852	0.01449275

## 48	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385
## 49	0.12121212	0.00000000	0.00000000	0.00000000	0.05633803	0.02531646
## 50	0.06349206	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 51	0.18840580	0.00000000	0.00000000	0.03125000	0.01666667	0.05882353
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 53	0.00000000	0.08064516	0.00000000	0.01449275	0.01538462	0.01298701
## 54	0.29850746	0.00000000	0.00000000	0.03389831	0.01492537	0.04477612
## 55	0.03125000	0.00000000	0.00000000	0.17543860	0.00000000	0.06779661
## 56	0.19480519	0.00000000	0.00000000	0.03125000	0.01538462	0.02816901
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
##	283	284	285	286	287	288
## 1	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.04411765	0.00000000	0.09459459	0.00000000	0.00000000
## 3	0.03030303	0.00000000	0.06410256	0.00000000	0.00000000	0.00000000
## 4	0.01388889	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.02597403	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 7	0.00000000	0.01298701	0.01250000	0.02531646	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.01351351
## 11	0.00000000	0.09523810	0.01315789	0.06329114	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.01149425	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000
## 16	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.04285714	0.00000000	0.00000000
## 18	0.00000000	0.01666667	0.01388889	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01190476	0.00000000	0.00000000
## 21	0.00000000	0.01612903	0.00000000	0.02941176	0.00000000	0.00000000
## 22	0.00000000	0.01408451	0.00000000	0.01333333	0.00000000	0.00000000
## 23	0.00000000	0.01666667	0.01408451	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.01724138	0.01587302	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.01136364	0.00000000	0.00000000
## 26	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 28	0.04285714	0.03030303	0.00000000	0.02380952	0.01219512	0.00000000
## 29	0.00000000	0.01492537	0.00000000	0.01351351	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01587302	0.01639344	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.01470588	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.01562500	0.00000000	0.03278689	0.00000000	0.00000000
## 36	0.01562500	0.01666667	0.00000000	0.05797101	0.01587302	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.01449275	0.01136364	0.00000000	0.00000000
## 39	0.01428571	0.04285714	0.06493506	0.00000000	0.00000000	0.00000000



## 40	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000	0.00000000
## 42	0.01282051	0.00000000	0.01470588	0.01250000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.05633803	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01562500	0.01369863	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.01492537	0.00000000	0.01449275	0.00000000	0.00000000
## 47	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 50	0.00000000	0.01515152	0.00000000	0.01123596	0.00000000	0.00000000
## 51	0.01612903	0.03076923	0.00000000	0.01282051	0.00000000	0.00000000
## 52	0.00000000	0.03076923	0.07894737	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.01515152	0.01492537	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.06349206	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.09589041	0.00000000	0.00000000	0.00000000
##	289	290	291	292	293	294
## 1	0.05479452	0.00000000	0.05263158	0.00000000	0.00000000	0.00000000
## 2	0.20270270	0.00000000	0.02985075	0.01492537	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.05194805	0.06060606
## 4	0.05333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.14492754	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 6	0.12857143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.24705882	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.09459459	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 9	0.03278689	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.12500000	0.00000000	0.00000000	0.01219512	0.00000000	0.01449275
## 13	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.03508772
## 14	0.09259259	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.01333333	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 16	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.10144928	0.00000000	0.02564103	0.00000000	0.00000000	0.00000000
## 18	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01470588	0.02500000	0.01333333	0.01265823	0.00000000	0.01515152
## 21	0.15789474	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000
## 22	0.05000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.19672131	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 24	0.04761905	0.00000000	0.00000000	0.03030303	0.00000000	0.01369863
## 25	0.05882353	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01470588	0.00000000	0.01785714	0.01515152	0.00000000	0.00000000
## 27	0.05357143	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.03174603	0.00000000	0.01388889	0.01428571	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 32	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 33	0.06578947	0.00000000	0.00000000	0.01298701	0.00000000	0.01694915
## 34	0.09589041	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 35	0.12000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.22666667	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 38	0.11842105	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 39	0.10294118	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.01333333	0.00000000	0.03076923	0.00000000	0.02941176	0.01785714
## 41	0.29411765	0.00000000	0.02941176	0.01408451	0.00000000	0.00000000
## 42	0.15384615	0.00000000	0.01219512	0.01219512	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.03947368	0.08750000	0.01492537
## 44	0.00000000	0.00000000	0.22641509	0.00000000	0.00000000	0.00000000
## 45	0.14062500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.13235294	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.10144928	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.38461538	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
## 49	0.07575758	0.00000000	0.08771930	0.00000000	0.00000000	0.00000000
## 50	0.08974359	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 51	0.14925373	0.00000000	0.01612903	0.01538462	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.15492958	0.11764706	0.08474576
## 53	0.04347826	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000
## 54	0.16417910	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 55	0.03508772	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 56	0.13235294	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.04761905	0.00000000	0.00000000	0.01449275	0.01449275	0.03225806
## 59	0.05172414	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000	0.02000000
## 61	0.00000000	0.00000000	0.00000000	0.11428571	0.31168831	0.09722222
##	295	296	297	298	299	300
## 1	0.00000000	0.01587302	0.00000000	0.00000000	0.02702703	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000
## 3	0.01333333	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.02409639	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000
## 10	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 12	0.00000000	0.02298851	0.00000000	0.00000000	0.04054054	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.01666667
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 18	0.00000000	0.01562500	0.00000000	0.00000000	0.01219512	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000

## 24	0.00000000	0.01369863	0.00000000	0.00000000	0.01515152	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.01333333	0.01666667	0.00000000	0.02564103	0.03225806
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000
## 30	0.05555556	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 36	0.00000000	0.00000000	0.07936508	0.00000000	0.04477612	0.02000000
## 37	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.01282051	0.01470588	0.00000000	0.04411765	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.02500000	0.00000000	0.00000000
## 44	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.01818182
## 45	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.02985075	0.00000000	0.00000000	0.01470588	0.00000000
## 47	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 50	0.00000000	0.01204819	0.00000000	0.00000000	0.02702703	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.01515152	0.00000000	0.00000000	0.01694915	0.00000000
## 57	0.01515152	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.03750000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.07936508	0.00000000	0.00000000	0.01724138	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	301	302	303	304	305	306
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000	0.00000000
## 2	0.10606061	0.00000000	0.01666667	0.00000000	0.04225352	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.24242424	0.00000000
## 5	0.13043478	0.00000000	0.00000000	0.00000000	0.16000000	0.00000000
## 6	0.07352941	0.00000000	0.01449275	0.00000000	0.19736842	0.00000000
## 7	0.04761905	0.00000000	0.00000000	0.00000000	0.17857143	0.00000000
## 8	0.06756757	0.00000000	0.00000000	0.00000000	0.15662651	0.00000000
## 9	0.01639344	0.00000000	0.00000000	0.00000000	0.17142857	0.00000000
## 10	0.00000000	0.01388889	0.01886792	0.00000000	0.00000000	0.00000000
## 11	0.02816901	0.00000000	0.00000000	0.00000000	0.05263158	0.00000000
## 12	0.13095238	0.00000000	0.00000000	0.00000000	0.35526316	0.02564103
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.15000000	0.00000000	0.00000000	0.00000000	0.31250000	0.00000000
## 15	0.01369863	0.02247191	0.01587302	0.01315789	0.00000000	0.00000000

## 16	0.04225352	0.00000000	0.00000000	0.00000000	0.06666667	0.00000000
## 17	0.03448276	0.00000000	0.00000000	0.00000000	0.09722222	0.01538462
## 18	0.13846154	0.00000000	0.00000000	0.00000000	0.04225352	0.00000000
## 19	0.00000000	0.02597403	0.01515152	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.02325581	0.01470588
## 21	0.15942029	0.00000000	0.00000000	0.00000000	0.18461538	0.00000000
## 22	0.18461538	0.00000000	0.00000000	0.00000000	0.16176471	0.01449275
## 23	0.11267606	0.00000000	0.00000000	0.00000000	0.22535211	0.01538462
## 24	0.01449275	0.00000000	0.00000000	0.00000000	0.09459459	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.07894737	0.00000000
## 26	0.03125000	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000
## 27	0.03508772	0.00000000	0.01886792	0.00000000	0.07936508	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 29	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.03030303	0.01515152	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 33	0.07575758	0.00000000	0.00000000	0.00000000	0.09459459	0.02816901
## 34	0.01818182	0.00000000	0.00000000	0.00000000	0.08196721	0.00000000
## 35	0.14285714	0.00000000	0.00000000	0.00000000	0.21052632	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.05882353	0.00000000	0.00000000
## 37	0.00000000	0.09589041	0.01694915	0.01694915	0.00000000	0.00000000
## 38	0.13888889	0.00000000	0.01562500	0.00000000	0.26086957	0.00000000
## 39	0.25423729	0.00000000	0.00000000	0.00000000	0.28571429	0.01562500
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.18461538	0.00000000	0.00000000	0.00000000	0.19696970	0.01724138
## 42	0.17647059	0.00000000	0.00000000	0.00000000	0.09638554	0.00000000
## 43	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.01388889
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 45	0.12068966	0.00000000	0.00000000	0.00000000	0.14705882	0.00000000
## 46	0.19117647	0.00000000	0.00000000	0.00000000	0.16901408	0.00000000
## 47	0.07812500	0.00000000	0.00000000	0.00000000	0.22950820	0.01724138
## 48	0.15384615	0.00000000	0.01639344	0.00000000	0.19642857	0.00000000
## 49	0.08064516	0.00000000	0.00000000	0.00000000	0.04225352	0.00000000
## 50	0.08823529	0.00000000	0.00000000	0.00000000	0.17283951	0.00000000
## 51	0.11864407	0.00000000	0.00000000	0.00000000	0.26086957	0.00000000
## 52	0.00000000	0.02631579	0.00000000	0.00000000	0.00000000	0.04761905
## 53	0.00000000	0.00000000	0.00000000	0.01449275	0.01562500	0.00000000
## 54	0.06557377	0.00000000	0.00000000	0.00000000	0.19402985	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.05194805	0.01960784
## 56	0.29850746	0.00000000	0.01785714	0.00000000	0.38356164	0.01449275
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01470588	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01785714	0.01449275	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
##	307	308	309	310	311	312
## 1	0.02985075	0.00000000	0.00000000	0.05128205	0.01428571	0.02857143
## 2	0.14666667	0.10447761	0.00000000	0.12000000	0.03278689	0.15789474
## 3	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000
## 4	0.02409639	0.00000000	0.00000000	0.00000000	0.01449275	0.06779661
## 5	0.07500000	0.01470588	0.00000000	0.04819277	0.02666667	0.05000000
## 6	0.02777778	0.00000000	0.00000000	0.03947368	0.01408451	0.05970149
## 7	0.16483516	0.07894737	0.00000000	0.02564103	0.03896104	0.29487179

## 8	0.08641975	0.10126582	0.00000000	0.06329114	0.01408451	0.09756098
## 9	0.07575758	0.06250000	0.01333333	0.02985075	0.01492537	0.14516129
## 10	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.01694915
## 11	0.00000000	0.01492537	0.00000000	0.01515152	0.01298701	0.04054054
## 12	0.05813953	0.01234568	0.00000000	0.02439024	0.01265823	0.11688312
## 13	0.00000000	0.01492537	0.00000000	0.01562500	0.00000000	0.00000000
## 14	0.11764706	0.00000000	0.00000000	0.04687500	0.01754386	0.07547170
## 15	0.00000000	0.00000000	0.04878048	0.00000000	0.01219512	0.01470588
## 16	0.05194805	0.00000000	0.00000000	0.01351351	0.07500000	0.05797101
## 17	0.09459459	0.00000000	0.00000000	0.09722222	0.06250000	0.13636364
## 18	0.02985075	0.08571429	0.00000000	0.01492537	0.02816901	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01234568	0.00000000	0.00000000	0.00000000	0.01219512	0.01298701
## 21	0.18461538	0.08823529	0.00000000	0.07352941	0.06944444	0.14035088
## 22	0.03750000	0.02857143	0.00000000	0.11428571	0.00000000	0.06250000
## 23	0.09090909	0.01639344	0.00000000	0.12000000	0.06097561	0.17567568
## 24	0.03750000	0.00000000	0.00000000	0.06578947	0.03896104	0.01449275
## 25	0.03947368	0.01428571	0.00000000	0.01315789	0.01351351	0.05405405
## 26	0.01298701	0.00000000	0.00000000	0.05479452	0.14864865	0.00000000
## 27	0.02898551	0.03389831	0.00000000	0.01587302	0.01470588	0.08571429
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.05128205	0.04477612	0.00000000	0.01724138	0.00000000	0.04166667
## 30	0.00000000	0.00000000	0.02564102	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01388889	0.03797468	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 33	0.01298701	0.01515152	0.00000000	0.05263158	0.00000000	0.06944444
## 34	0.09090909	0.07042254	0.00000000	0.02985075	0.02857143	0.04838710
## 35	0.05000000	0.01515152	0.00000000	0.09523810	0.00000000	0.08000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.02702702	0.00000000	0.01515152	0.00000000
## 38	0.12658228	0.00000000	0.00000000	0.05882353	0.02500000	0.03947368
## 39	0.17567568	0.01388889	0.00000000	0.11594203	0.01282051	0.10447761
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.26760563	0.06666667	0.00000000	0.08219178	0.05000000	0.11764706
## 42	0.12987013	0.07692308	0.00000000	0.16438356	0.03947368	0.07246377
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 44	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000	0.01639344
## 45	0.05063291	0.05172414	0.00000000	0.07352941	0.01351351	0.06666667
## 46	0.08000000	0.01587302	0.00000000	0.04761905	0.08695652	0.09523810
## 47	0.03076923	0.00000000	0.00000000	0.09375000	0.01587302	0.14285714
## 48	0.26086957	0.09090909	0.00000000	0.05882353	0.01754386	0.15517241
## 49	0.10958904	0.01666667	0.00000000	0.01428571	0.01492537	0.12280702
## 50	0.14666667	0.04285714	0.00000000	0.02564103	0.02500000	0.13157895
## 51	0.11764706	0.05000000	0.00000000	0.07812500	0.09459459	0.13846154
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.03658537	0.00000000
## 53	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.06451613
## 54	0.20967742	0.03174603	0.00000000	0.07142857	0.01639344	0.17543860
## 55	0.01562500	0.00000000	0.00000000	0.01639344	0.04411765	0.00000000
## 56	0.00000000	0.01724138	0.00000000	0.05405405	0.01538462	0.09090909
## 57	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.01470588
## 58	0.01562500	0.13114754	0.00000000	0.01470588	0.00000000	0.03389831
## 59	0.02857143	0.17187500	0.00000000	0.05970149	0.00000000	0.03278689
## 60	0.01538462	0.09259259	0.00000000	0.05797101	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

##	313	314	315	316	317	318
## 1	0.03508772	0.01492537	0.00000000	0.00000000	0.04615385	0.01562500
## 2	0.18644068	0.09230769	0.00000000	0.08620690	0.19047619	0.05633803
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.13846154	0.01250000	0.00000000	0.01538462	0.04761905	0.03030303
## 5	0.13235294	0.03174603	0.00000000	0.04615385	0.11290323	0.03030303
## 6	0.12307692	0.05769231	0.00000000	0.03508772	0.07812500	0.01470588
## 7	0.31578947	0.12790698	0.00000000	0.05263158	0.21126761	0.04819277
## 8	0.12987013	0.07792208	0.00000000	0.16438356	0.08108108	0.11267606
## 9	0.09589041	0.04761905	0.02222222	0.22950820	0.03076923	0.06666667
## 10	0.01515152	0.00000000	0.00000000	0.00000000	0.01470588	0.01724138
## 11	0.02816901	0.11111111	0.00000000	0.02898551	0.05194805	0.00000000
## 12	0.23943662	0.01282051	0.00000000	0.05882353	0.26666667	0.04000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.20000000	0.00000000	0.00000000	0.06896552	0.24137931	0.00000000
## 15	0.00000000	0.00000000	0.009708738	0.01428571	0.00000000	0.00000000
## 16	0.10666667	0.00000000	0.00000000	0.00000000	0.07042254	0.02702703
## 17	0.14084507	0.05000000	0.00000000	0.03508772	0.15873016	0.00000000
## 18	0.07812500	0.04938272	0.00000000	0.01612903	0.07142857	0.00000000
## 19	0.01538462	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000
## 21	0.38596491	0.07547170	0.00000000	0.10447761	0.19047619	0.01470588
## 22	0.13636364	0.02325581	0.00000000	0.06153846	0.29166667	0.04687500
## 23	0.31578947	0.09459459	0.00000000	0.04687500	0.33333333	0.02631579
## 24	0.08823529	0.01612903	0.00000000	0.03030303	0.08823529	0.01538462
## 25	0.04166667	0.01492537	0.00000000	0.01492537	0.12857143	0.05797101
## 26	0.05000000	0.00000000	0.012345679	0.00000000	0.03174603	0.03174603
## 27	0.06779661	0.05882353	0.015151515	0.01694915	0.09615385	0.01666667
## 28	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01587302	0.00000000	0.01818182	0.01428571	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01408451	0.00000000	0.00000000	0.03174603	0.00000000	0.01639344
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.05714286	0.04000000	0.00000000	0.04761905	0.07142857	0.02531646
## 34	0.11267606	0.00000000	0.00000000	0.03333333	0.06944444	0.00000000
## 35	0.16393443	0.01754386	0.00000000	0.18867925	0.15000000	0.04918033
## 36	0.00000000	0.01562500	0.012195122	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.26562500	0.04819277	0.00000000	0.07142857	0.20833333	0.06410256
## 39	0.29166667	0.07352941	0.014285714	0.01562500	0.15714286	0.03333333
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.38235294	0.04166667	0.013888889	0.04411765	0.30769231	0.01538462
## 42	0.25806452	0.02380952	0.00000000	0.07462687	0.18421053	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.014492754	0.00000000	0.00000000	0.01515152
## 45	0.19178082	0.04285714	0.00000000	0.02816901	0.12307692	0.00000000
## 46	0.22807018	0.01190476	0.00000000	0.04838710	0.19354839	0.01449275
## 47	0.15686275	0.01449275	0.00000000	0.04477612	0.16129032	0.07547170
## 48	0.26562500	0.00000000	0.00000000	0.24074074	0.22033898	0.09090909
## 49	0.11111111	0.04615385	0.00000000	0.00000000	0.03076923	0.01785714
## 50	0.08695652	0.00000000	0.00000000	0.03389831	0.10958904	0.09589041
## 51	0.36507937	0.02816901	0.00000000	0.10000000	0.35714286	0.01724138
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01388889	0.00000000	0.01587302	0.01265823	0.01351351

## 54	0.18461538	0.06944444	0.00000000	0.08333333	0.16981132	0.10447761
## 55	0.04411765	0.00000000	0.01449275	0.03076923	0.00000000	0.01538462
## 56	0.22222222	0.04411765	0.00000000	0.03389831	0.25000000	0.03125000
## 57	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01219512	0.05000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.03278689	0.01612903	0.00000000
## 61	0.01388889	0.00000000	0.01265822	0.00000000	0.00000000	0.00000000
##	319	320	321	322	323	324
## 1	0.00000000	0.02898551	0.03846154	0.00000000	0.00000000	0.00000000
## 2	0.01818182	0.00000000	0.08955224	0.00000000	0.06578947	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 4	0.01470588	0.00000000	0.06250000	0.00000000	0.00000000	0.00000000
## 5	0.01369863	0.01369863	0.11764706	0.00000000	0.01428571	0.00000000
## 6	0.00000000	0.00000000	0.08450704	0.00000000	0.01282051	0.00000000
## 7	0.01162791	0.00000000	0.21621622	0.00000000	0.04597701	0.00000000
## 8	0.01369863	0.00000000	0.09722222	0.00000000	0.02409639	0.00000000
## 9	0.02816901	0.00000000	0.12500000	0.00000000	0.02777778	0.00000000
## 10	0.05084746	0.01369863	0.04347826	0.00000000	0.01408451	0.00000000
## 11	0.00000000	0.00000000	0.01408451	0.00000000	0.03797468	0.00000000
## 12	0.00000000	0.00000000	0.09782609	0.00000000	0.01219512	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.07142857	0.00000000	0.01587302	0.00000000
## 15	0.11428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01449275	0.00000000	0.09210526	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.11290323	0.00000000	0.01315789	0.00000000
## 18	0.00000000	0.00000000	0.05714286	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.01428571	0.00000000	0.22500000	0.00000000	0.02702703	0.00000000
## 22	0.01785714	0.00000000	0.01408451	0.00000000	0.01333333	0.00000000
## 23	0.01428571	0.00000000	0.14814815	0.00000000	0.02631579	0.00000000
## 24	0.00000000	0.00000000	0.05797101	0.02898551	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.06410256	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.05970149	0.00000000	0.04838710	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.25000000	0.02702703	0.03947368	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.04597701	0.00000000	0.01265823	0.00000000
## 34	0.00000000	0.00000000	0.07812500	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.17241379	0.00000000	0.04347826	0.00000000
## 36	0.00000000	0.03030303	0.00000000	0.01694915	0.01515152	0.02898551
## 37	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.13253012	0.00000000	0.01298701	0.00000000
## 39	0.00000000	0.00000000	0.12280702	0.00000000	0.02941176	0.00000000
## 40	0.00000000	0.00000000	0.01123596	0.00000000	0.00000000	0.00000000
## 41	0.01492537	0.00000000	0.33783784	0.00000000	0.06153846	0.00000000
## 42	0.01408451	0.00000000	0.09210526	0.00000000	0.01282051	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.11267606	0.00000000	0.00000000	0.00000000

## 46	0.00000000	0.00000000	0.11290323	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.05000000	0.00000000	0.02816901	0.00000000
## 48	0.02985075	0.00000000	0.12500000	0.00000000	0.04477612	0.00000000
## 49	0.01428571	0.00000000	0.05882353	0.00000000	0.03389831	0.00000000
## 50	0.00000000	0.00000000	0.10126582	0.00000000	0.00000000	0.00000000
## 51	0.03125000	0.00000000	0.15492958	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.14705882	0.00000000	0.03846154	0.00000000	0.02985075	0.00000000
## 54	0.01562500	0.00000000	0.13698630	0.00000000	0.01492537	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.09459459	0.00000000	0.02777778	0.00000000
## 57	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
##	325	326	327	328	329	330
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.01754386	0.01492537	0.00000000	0.00000000	0.04109589
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000
## 4	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02439024
## 6	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.01265823	0.01562500	0.00000000	0.00000000	0.01111111
## 8	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000	0.02597403
## 9	0.00000000	0.01470588	0.00000000	0.01449275	0.00000000	0.00000000
## 10	0.01470588	0.00000000	0.04615385	0.07547170	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.05333333	0.02941176	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 20	0.05263158	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000
## 21	0.00000000	0.01282051	0.01470588	0.00000000	0.00000000	0.01470588
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.01388889
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01538462	0.00000000	0.01190476	0.00000000
## 29	0.00000000	0.00000000	0.01923077	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01515152	0.04477612	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.05797101	0.06666667	0.00000000	0.02469136
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 36	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000



## 38	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000	0.01333333
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 40	0.00000000	0.00000000	0.01538462	0.00000000	0.01428571	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303
## 42	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.03125000
## 50	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.03125000	0.03947368	0.00000000	0.00000000
## 54	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.01666667
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 57	0.00000000	0.00000000	0.00000000	0.06849315	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	331	332	333	334	335	336
## 1	0.05882353	0.01315789	0.01449275	0.01449275	0.01639344	0.00000000
## 2	0.10769231	0.04109589	0.07692308	0.04054054	0.04285714	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 4	0.07352941	0.02597403	0.05333333	0.04347826	0.04411765	0.00000000
## 5	0.12500000	0.04651163	0.05128205	0.02409639	0.02352941	0.00000000
## 6	0.15584416	0.05405405	0.02857143	0.01428571	0.05263158	0.00000000
## 7	0.19178082	0.10256410	0.09411765	0.07526882	0.07058824	0.00000000
## 8	0.06944444	0.00000000	0.17333333	0.02500000	0.05555556	0.00000000
## 9	0.03125000	0.00000000	0.14492754	0.17391304	0.17910448	0.00000000
## 10	0.01694915	0.00000000	0.02898551	0.01470588	0.00000000	0.00000000
## 11	0.07575758	0.00000000	0.06493506	0.01470588	0.00000000	0.00000000
## 12	0.17910448	0.06097561	0.10112360	0.02469136	0.08860759	0.00000000
## 13	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.02857143
## 14	0.19298246	0.09459459	0.11475410	0.03333333	0.03508772	0.00000000
## 15	0.01265823	0.00000000	0.00000000	0.01219512	0.00000000	0.00000000
## 16	0.04054054	0.12345679	0.06666667	0.02857143	0.06172840	0.00000000
## 17	0.11111111	0.03750000	0.10606061	0.01298701	0.03896104	0.00000000
## 18	0.07575758	0.01694915	0.02985075	0.00000000	0.01538462	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 20	0.00000000	0.02564103	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.33333333	0.06578947	0.21538462	0.08750000	0.05333333	0.00000000
## 22	0.21538462	0.01408451	0.02500000	0.02777778	0.00000000	0.00000000
## 23	0.48484848	0.03846154	0.05633803	0.02898551	0.02666667	0.00000000
## 24	0.12162162	0.00000000	0.00000000	0.02564103	0.01470588	0.00000000
## 25	0.04411765	0.01149425	0.06666667	0.05882353	0.05714286	0.00000000
## 26	0.01612903	0.19718310	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.01449275	0.18918919	0.02857143	0.12121212	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.08219178	0.00000000	0.08571429	0.00000000

## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01388889	0.01369863	0.00000000	0.01265823	0.01234568	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 33	0.06250000	0.01123596	0.06666667	0.02857143	0.06250000	0.00000000
## 34	0.09677419	0.01333333	0.02816901	0.00000000	0.00000000	0.00000000
## 35	0.26153846	0.02985075	0.13636364	0.05797101	0.04687500	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.22222222	0.04166667	0.07317073	0.02702703	0.04109589	0.00000000
## 39	0.11842105	0.01298701	0.10256410	0.02777778	0.08219178	0.00000000
## 40	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.03703704
## 41	0.30434783	0.03030303	0.07594937	0.08333333	0.03174603	0.00000000
## 42	0.20000000	0.04545455	0.02702703	0.02816901	0.03125000	0.00000000
## 43	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.01315789
## 44	0.00000000	0.00000000	0.02941176	0.03174603	0.03225806	0.00000000
## 45	0.25000000	0.01515152	0.01428571	0.00000000	0.00000000	0.00000000
## 46	0.16923077	0.08333333	0.08450704	0.04109589	0.01612903	0.00000000
## 47	0.10447761	0.03947368	0.04761905	0.05333333	0.10447761	0.00000000
## 48	0.22222222	0.05797101	0.19354839	0.11688312	0.09230769	0.00000000
## 49	0.01515152	0.05970149	0.08571429	0.00000000	0.10769231	0.00000000
## 50	0.12658228	0.08000000	0.08108108	0.04225352	0.05479452	0.00000000
## 51	0.42028986	0.03278689	0.12500000	0.08571429	0.05405405	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01408451	0.00000000	0.00000000	0.05797101	0.00000000
## 54	0.11111111	0.11111111	0.05970149	0.06349206	0.13636364	0.00000000
## 55	0.01612903	0.11842105	0.00000000	0.02898551	0.00000000	0.01408451
## 56	0.28571429	0.02777778	0.14473684	0.03174603	0.07246377	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276
## 59	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.03571429	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	337	338	339	340	341	342
## 1	0.01724138	0.01388889	0.00000000	0.00000000	0.01515152	0.01492537
## 2	0.00000000	0.07246377	0.00000000	0.06060606	0.07792208	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.05479452	0.10526316	0.00000000	0.02409639	0.01515152	0.00000000
## 5	0.08333333	0.07142857	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.05555556	0.05747126	0.00000000	0.04347826	0.00000000	0.00000000
## 7	0.07317073	0.12345679	0.00000000	0.04878049	0.01315789	0.00000000
## 8	0.01408451	0.15789474	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.01639344	0.22388060	0.00000000	0.03333333	0.00000000	0.00000000
## 10	0.00000000	0.01369863	0.00000000	0.04838710	0.01492537	0.00000000
## 11	0.12121212	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.12500000	0.09459459	0.00000000	0.02702703	0.01219512	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02000000
## 14	0.10714286	0.16393443	0.00000000	0.01538462	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.03797468	0.01408451	0.01265823
## 16	0.01470588	0.03448276	0.00000000	0.01351351	0.00000000	0.01470588
## 17	0.05000000	0.02666667	0.00000000	0.03030303	0.01515152	0.00000000
## 18	0.08571429	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01428571	0.01492537	0.11111111	0.00000000
## 20	0.00000000	0.00000000	0.02985075	0.01282051	0.00000000	0.07352941
## 21	0.05263158	0.10769231	0.00000000	0.03225806	0.03225806	0.00000000

## 22	0.04411765	0.07812500	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.15254237	0.11842105	0.00000000	0.04054054	0.01369863	0.00000000
## 24	0.03448276	0.06849315	0.01562500	0.00000000	0.06944444	0.00000000
## 25	0.00000000	0.10958904	0.00000000	0.00000000	0.02666667	0.00000000
## 26	0.02898551	0.01204819	0.01612903	0.00000000	0.00000000	0.00000000
## 27	0.03846154	0.16666667	0.00000000	0.03030303	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01470588	0.02777778	0.00000000	0.01515152	0.01333333	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.07575758	0.00000000	0.01694915
## 31	0.00000000	0.04000000	0.00000000	0.12328767	0.01250000	0.01666667
## 32	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.04545455	0.08641975	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.04545455	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.09230769	0.11842105	0.00000000	0.01449275	0.01562500	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 37	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.03278689
## 38	0.08108108	0.13698630	0.00000000	0.01449275	0.02564103	0.00000000
## 39	0.06666667	0.16666667	0.00000000	0.01639344	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.08955224	0.13888889	0.00000000	0.01612903	0.00000000	0.00000000
## 42	0.04347826	0.04166667	0.00000000	0.04477612	0.04225352	0.00000000
## 43	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01538462	0.00000000	0.01612903	0.00000000	0.00000000
## 45	0.13432836	0.01562500	0.00000000	0.00000000	0.01492537	0.00000000
## 46	0.06250000	0.04000000	0.00000000	0.00000000	0.01612903	0.00000000
## 47	0.03225806	0.10606061	0.00000000	0.01538462	0.00000000	0.00000000
## 48	0.02083333	0.13513514	0.00000000	0.04687500	0.04918033	0.00000000
## 49	0.03636364	0.08219178	0.00000000	0.03030303	0.00000000	0.00000000
## 50	0.00000000	0.03750000	0.00000000	0.00000000	0.01388889	0.00000000
## 51	0.14925373	0.13888889	0.00000000	0.04545455	0.04285714	0.00000000
## 52	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01250000	0.00000000	0.17187500	0.01265823	0.00000000
## 54	0.05172414	0.19117647	0.00000000	0.05263158	0.01612903	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.11475410	0.05479452	0.00000000	0.03508772	0.00000000	0.00000000
## 57	0.00000000	0.01333333	0.00000000	0.02898551	0.00000000	0.00000000
## 58	0.01724138	0.00000000	0.01587302	0.00000000	0.13333333	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 60	0.01818182	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 61	0.00000000	0.00000000	0.07352941	0.00000000	0.01428571	0.00000000
##	343	344	345	346	347	348
## 1	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000
## 2	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000	0.04687500
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 7	0.01162791	0.02564103	0.01176471	0.02739726	0.00000000	0.02564103
## 8	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 9	0.03174603	0.00000000	0.00000000	0.01369863	0.00000000	0.04838710
## 10	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.01388889	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000

## 14	0.00000000	0.03921569	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.01315789	0.00000000	0.00000000	0.01408451	0.00000000	0.04285714
## 16	0.02898551	0.03797468	0.01351351	0.04838710	0.00000000	0.00000000
## 17	0.01282051	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.07462687	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.01612903
## 21	0.01408451	0.00000000	0.00000000	0.02777778	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 23	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 25	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.05084746	0.00000000	0.05172414	0.00000000	0.00000000
## 27	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 29	0.00000000	0.07462687	0.01408451	0.00000000	0.00000000	0.01639344
## 30	0.01449275	0.01724138	0.00000000	0.00000000	0.00000000	0.09230769
## 31	0.01190476	0.01492537	0.00000000	0.01428571	0.00000000	0.17241379
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.01587302	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 38	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.01515152	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 44	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.01492537	0.05263158	0.00000000	0.00000000
## 47	0.01492537	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.03333333	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.19178082	0.00000000	0.00000000	0.01515152	0.00000000	0.04000000
## 54	0.01538462	0.05660377	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.01587302	0.05555556	0.00000000	0.05970149	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 57	0.00000000	0.01408451	0.01388889	0.00000000	0.00000000	0.01538462
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	349	350	351	352	353	354
## 1	0.04285714	0.00000000	0.01298701	0.01612903	0.00000000	0.04477612
## 2	0.08823529	0.00000000	0.03947368	0.01449275	0.01562500	0.20000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 4	0.03030303	0.00000000	0.01282051	0.01428571	0.01818182	0.05797101
## 5	0.02898551	0.00000000	0.02816901	0.02739726	0.01666667	0.08474576

## 6	0.07407407	0.00000000	0.02439024	0.01315789	0.01587302	0.05479452
## 7	0.22368421	0.00000000	0.08235294	0.02985075	0.01250000	0.26250000
## 8	0.11428571	0.00000000	0.04761905	0.01515152	0.01470588	0.13333333
## 9	0.28767123	0.00000000	0.04285714	0.03030303	0.01428571	0.06944444
## 10	0.01449275	0.00000000	0.00000000	0.01587302	0.00000000	0.01562500
## 11	0.00000000	0.00000000	0.01315789	0.01470588	0.00000000	0.01492537
## 12	0.07246377	0.00000000	0.02564103	0.00000000	0.00000000	0.12857143
## 13	0.00000000	0.04054054	0.00000000	0.00000000	0.01639344	0.00000000
## 14	0.07462687	0.00000000	0.05263158	0.03448276	0.03703704	0.13333333
## 15	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
## 16	0.02500000	0.00000000	0.03333333	0.04166667	0.00000000	0.07352941
## 17	0.06578947	0.00000000	0.02597403	0.03278689	0.00000000	0.13846154
## 18	0.01587302	0.00000000	0.01538462	0.00000000	0.00000000	0.05454545
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.04109589	0.00000000	0.00000000	0.02564103	0.00000000
## 21	0.12857143	0.00000000	0.04761905	0.03174603	0.00000000	0.18644068
## 22	0.03225806	0.01492537	0.01515152	0.00000000	0.03773585	0.11764706
## 23	0.06849315	0.00000000	0.20967742	0.05405405	0.00000000	0.22413793
## 24	0.01587302	0.00000000	0.02666667	0.01470588	0.00000000	0.06349206
## 25	0.07462687	0.00000000	0.05128205	0.02702703	0.00000000	0.02531646
## 26	0.02777778	0.00000000	0.04761905	0.00000000	0.08333333	0.04545455
## 27	0.14084507	0.00000000	0.01639344	0.04081633	0.03703704	0.03448276
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01492537	0.00000000	0.00000000	0.06060606	0.00000000	0.01851852
## 30	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000	0.00000000
## 32	0.01639344	0.00000000	0.00000000	0.03076923	0.00000000	0.01408451
## 33	0.07936508	0.00000000	0.01369863	0.00000000	0.01470588	0.08571429
## 34	0.04761905	0.00000000	0.04000000	0.00000000	0.00000000	0.03278689
## 35	0.12698413	0.00000000	0.01851852	0.05172414	0.01694915	0.12500000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.07142857	0.00000000	0.00000000	0.02985075	0.00000000
## 38	0.10666667	0.00000000	0.00000000	0.01428571	0.01408451	0.10144928
## 39	0.11764706	0.00000000	0.07142857	0.00000000	0.04545455	0.14754098
## 40	0.01369863	0.00000000	0.00000000	0.02985075	0.02857143	0.00000000
## 41	0.13114754	0.00000000	0.09859155	0.03174603	0.01818182	0.24637681
## 42	0.04545455	0.00000000	0.08974359	0.01428571	0.00000000	0.12857143
## 43	0.00000000	0.01351351	0.00000000	0.00000000	0.01449275	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.01886792	0.00000000	0.01785714
## 45	0.01219512	0.00000000	0.09090909	0.00000000	0.00000000	0.07042254
## 46	0.01754386	0.00000000	0.01515152	0.01612903	0.00000000	0.13333333
## 47	0.16666667	0.00000000	0.07812500	0.05000000	0.03508772	0.14285714
## 48	0.16666667	0.00000000	0.17187500	0.02985075	0.05263158	0.18644068
## 49	0.05172414	0.00000000	0.01515152	0.06250000	0.01666667	0.08196721
## 50	0.09756098	0.00000000	0.01538462	0.01351351	0.02631579	0.07547170
## 51	0.08000000	0.00000000	0.12903226	0.04545455	0.01515152	0.08620690
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.02941176	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000
## 54	0.13333333	0.00000000	0.06060606	0.04615385	0.01666667	0.14000000
## 55	0.01408451	0.01428571	0.00000000	0.00000000	0.04225352	0.01785714
## 56	0.10666667	0.00000000	0.06250000	0.00000000	0.00000000	0.11538462
## 57	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01538462	0.00000000	0.07017544	0.00000000	0.00000000	0.00000000
## 59	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 60	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000	0.01724138
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
##	355	356	357	358	359	360
## 1	0.00000000	0.00000000	0.02597403	0.00000000	0.00000000	0.06250000
## 2	0.00000000	0.01724138	0.03030303	0.00000000	0.00000000	0.01562500
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 5	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.03030303
## 6	0.00000000	0.01315789	0.01492537	0.00000000	0.00000000	0.03076923
## 7	0.00000000	0.01234568	0.02469136	0.00000000	0.00000000	0.02439024
## 8	0.00000000	0.01234568	0.01612903	0.00000000	0.00000000	0.08219178
## 9	0.00000000	0.00000000	0.02702703	0.00000000	0.01449275	0.07017544
## 10	0.00000000	0.00000000	0.01666667	0.01639344	0.01538462	0.00000000
## 11	0.00000000	0.02631579	0.00000000	0.00000000	0.00000000	0.01724138
## 12	0.00000000	0.02777778	0.01408451	0.00000000	0.00000000	0.02816901
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.07142857
## 15	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.04225352	0.01449275	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.02469136	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.15068493	0.00000000	0.00000000	0.00000000	0.03125000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01612903	0.01449275	0.04395604	0.00000000
## 21	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000	0.05454545
## 22	0.00000000	0.05000000	0.00000000	0.00000000	0.00000000	0.04225352
## 23	0.00000000	0.13235294	0.00000000	0.00000000	0.00000000	0.03225806
## 24	0.00000000	0.06451613	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.11111111
## 26	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.01470588
## 27	0.00000000	0.02777778	0.03225806	0.00000000	0.00000000	0.07272727
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000	0.03448276
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01470588	0.00000000	0.01515152	0.00000000	0.01250000	0.01492537
## 33	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000	0.03333333
## 34	0.00000000	0.12307692	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.03076923	0.01587302	0.00000000	0.00000000	0.07017544
## 36	0.00000000	0.00000000	0.00000000	0.04411765	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.02941176
## 38	0.00000000	0.02597403	0.01369863	0.00000000	0.00000000	0.06578947
## 39	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.01612903
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.05405405	0.00000000	0.00000000	0.00000000	0.06060606
## 42	0.00000000	0.13235294	0.01265823	0.00000000	0.00000000	0.01449275
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01492537	0.00000000	0.03278689	0.00000000	0.00000000	0.01754386
## 45	0.00000000	0.07692308	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.02985075	0.01639344	0.00000000	0.00000000	0.01724138
## 47	0.00000000	0.01538462	0.01754386	0.00000000	0.00000000	0.01470588
## 48	0.00000000	0.01666667	0.01562500	0.00000000	0.00000000	0.03571429
## 49	0.00000000	0.00000000	0.01923077	0.00000000	0.00000000	0.02857143
## 50	0.00000000	0.01694915	0.01492537	0.00000000	0.00000000	0.04109589
## 51	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.07575758

## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.04477612	0.00000000	0.07575758	0.00000000	0.02325581	0.00000000
## 54	0.00000000	0.05405405	0.05454545	0.00000000	0.00000000	0.12121212
## 55	0.00000000	0.01587302	0.00000000	0.00000000	0.03030303	0.03448276
## 56	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.02816901
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01408451	0.01408451	0.00000000	0.00000000	0.00000000	0.02898551
## 60	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000	0.01724138
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	361	362	363	364	365	366
## 1	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.05970149
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.04411765	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09459459
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.14285714
## 6	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.08333333
## 7	0.00000000	0.00000000	0.02500000	0.00000000	0.00000000	0.09210526
## 8	0.00000000	0.00000000	0.02564103	0.00000000	0.00000000	0.04878049
## 9	0.00000000	0.00000000	0.03125000	0.01265823	0.00000000	0.04918033
## 10	0.00000000	0.00000000	0.08333333	0.00000000	0.03174603	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.21951220
## 13	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.22580645
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07792208
## 17	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.16666667
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.03174603
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.17187500	0.00000000
## 20	0.00000000	0.00000000	0.02531646	0.02500000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.11111111
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06349206
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.20547945
## 24	0.00000000	0.00000000	0.01449275	0.00000000	0.01449275	0.01369863
## 25	0.00000000	0.00000000	0.00000000	0.01190476	0.00000000	0.05405405
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.02816901	0.00000000	0.01538462	0.00000000
## 32	0.00000000	0.00000000	0.02985075	0.00000000	0.01785714	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.01449275
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10714286
## 36	0.05263158	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.17073171
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.15277778
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746	0.00000000
## 41	0.00000000	0.00000000	0.01851852	0.00000000	0.00000000	0.20000000
## 42	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.14285714
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 44	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.01449275
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.03225806
## 46	0.00000000	0.00000000	0.01408451	0.01754386	0.00000000	0.18666667
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.19696970
## 48	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.08333333
## 49	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.16176471
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.14864865
## 51	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.08695652
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.09836066	0.00000000	0.05882353	0.00000000
## 54	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.11864407
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.22950820
## 57	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000
## 59	0.00000000	0.00000000	0.01562500	0.02985075	0.00000000	0.01449275
## 60	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000	0.01538462
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	367	368	369	370	371	372
## 1	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.10000000	0.01250000	0.00000000	0.00000000	0.03636364
## 3	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 4	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.01639344	0.01298701	0.00000000	0.00000000	0.04687500
## 6	0.00000000	0.07462687	0.00000000	0.00000000	0.00000000	0.03174603
## 7	0.00000000	0.07142857	0.00000000	0.00000000	0.00000000	0.02597403
## 8	0.00000000	0.11111111	0.01351351	0.00000000	0.00000000	0.02702703
## 9	0.00000000	0.10000000	0.00000000	0.00000000	0.00000000	0.01694915
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.01515152
## 12	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000	0.04687500
## 13	0.01515152	0.00000000	0.00000000	0.00000000	0.13846154	0.00000000
## 14	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000	0.02040816
## 15	0.01234568	0.01333333	0.00000000	0.00000000	0.01075269	0.00000000
## 16	0.01369863	0.02857143	0.02469136	0.00000000	0.00000000	0.04545455
## 17	0.00000000	0.04225352	0.01298701	0.00000000	0.00000000	0.03508772
## 18	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.03508772
## 19	0.00000000	0.01315789	0.00000000	0.01851852	0.00000000	0.01470588
## 20	0.06493506	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 21	0.00000000	0.05660377	0.01666667	0.00000000	0.00000000	0.10344828
## 22	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.01612903	0.00000000	0.07462687	0.00000000	0.00000000
## 25	0.01470588	0.04347826	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01562500	0.00000000	0.10144928	0.01428571	0.00000000	0.00000000
## 27	0.00000000	0.06451613	0.00000000	0.00000000	0.00000000	0.02127660
## 28	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.03030303
## 29	0.00000000	0.03076923	0.01369863	0.00000000	0.00000000	0.06896552
## 30	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01428571	0.01612903	0.00000000	0.00000000
## 33	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.03571429	0.00000000	0.00000000	0.00000000	0.01724138



## 36	0.01538462	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000
## 37	0.06779661	0.00000000	0.00000000	0.00000000	0.06849315	0.00000000
## 38	0.00000000	0.07692308	0.00000000	0.00000000	0.00000000	0.01612903
## 39	0.00000000	0.02777778	0.00000000	0.00000000	0.00000000	0.03174603
## 40	0.00000000	0.00000000	0.00000000	0.01538462	0.01234568	0.00000000
## 41	0.00000000	0.06250000	0.00000000	0.00000000	0.00000000	0.07692308
## 42	0.00000000	0.01492537	0.01612903	0.00000000	0.00000000	0.08064516
## 43	0.00000000	0.01515152	0.00000000	0.15625000	0.02597403	0.00000000
## 44	0.01612903	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.07272727	0.00000000	0.03174603	0.00000000	0.00000000
## 48	0.00000000	0.11290323	0.00000000	0.00000000	0.00000000	0.01666667
## 49	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000	0.01851852
## 50	0.00000000	0.04285714	0.01351351	0.00000000	0.00000000	0.01515152
## 51	0.00000000	0.03508772	0.00000000	0.00000000	0.00000000	0.03773585
## 52	0.00000000	0.00000000	0.00000000	0.17187500	0.00000000	0.00000000
## 53	0.03797468	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.10909091	0.03333333	0.00000000	0.00000000	0.05084746
## 55	0.03571429	0.03448276	0.08955224	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.06451613	0.00000000	0.00000000	0.00000000	0.02222222
## 57	0.02777778	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 59	0.00000000	0.01818182	0.02816901	0.01587302	0.00000000	0.01694915
## 60	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.01851852
## 61	0.00000000	0.00000000	0.00000000	0.20338983	0.00000000	0.00000000
##	373	374	375	376	377	378
## 1	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 2	0.00000000	0.01851852	0.08450704	0.08333333	0.00000000	0.11940299
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.04687500	0.07894737	0.01408451	0.07500000
## 5	0.00000000	0.03750000	0.05633803	0.05555556	0.01666667	0.04166667
## 6	0.00000000	0.01333333	0.10344828	0.07894737	0.00000000	0.04000000
## 7	0.00000000	0.01282051	0.11594203	0.24324324	0.01315789	0.22988506
## 8	0.00000000	0.00000000	0.10606061	0.11940299	0.00000000	0.20000000
## 9	0.00000000	0.00000000	0.07142857	0.07462687	0.00000000	0.08219178
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.03030303	0.04054054	0.00000000	0.00000000	0.02941176
## 12	0.00000000	0.11940299	0.02380952	0.08750000	0.00000000	0.06756757
## 13	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.06000000	0.11111111	0.08064516	0.00000000	0.01612903
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 16	0.00000000	0.03333333	0.06250000	0.07042254	0.00000000	0.02777778
## 17	0.00000000	0.04225352	0.00000000	0.11267606	0.00000000	0.10144928
## 18	0.00000000	0.26086957	0.03333333	0.02985075	0.01724138	0.02666667
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.01666667	0.14545455	0.19672131	0.00000000	0.07575758
## 22	0.00000000	0.03703704	0.06666667	0.11666667	0.00000000	0.11475410
## 23	0.00000000	0.13636364	0.06250000	0.23076923	0.03125000	0.13043478
## 24	0.00000000	0.08695652	0.07142857	0.09090909	0.00000000	0.08571429
## 25	0.00000000	0.01449275	0.10000000	0.07692308	0.00000000	0.18518519
## 26	0.00000000	0.03333333	0.03225806	0.02857143	0.00000000	0.01369863
## 27	0.00000000	0.01408451	0.15094340	0.01639344	0.00000000	0.10000000

## 28	0.00000000	0.00000000	0.00000000	0.01408451	0.09090909	0.00000000
## 29	0.00000000	0.01612903	0.06060606	0.00000000	0.00000000	0.02898551
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01298701	0.00000000	0.01515152	0.00000000	0.02439024
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.02898551	0.06557377	0.04166667	0.00000000	0.02985075
## 34	0.00000000	0.06060606	0.06060606	0.08571429	0.01587302	0.04477612
## 35	0.00000000	0.03278689	0.04000000	0.04918033	0.00000000	0.06896552
## 36	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.01428571	0.10000000	0.02816901	0.00000000	0.05263158
## 39	0.00000000	0.05797101	0.15254237	0.13333333	0.01538462	0.09210526
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.01639344	0.15384615	0.18918919	0.00000000	0.07042254
## 42	0.00000000	0.06153846	0.07462687	0.18750000	0.02898551	0.08450704
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 45	0.00000000	0.13636364	0.03174603	0.09459459	0.00000000	0.06493506
## 46	0.00000000	0.04615385	0.01754386	0.04545455	0.00000000	0.01538462
## 47	0.00000000	0.05479452	0.03571429	0.08219178	0.01694915	0.11111111
## 48	0.00000000	0.00000000	0.11111111	0.23287671	0.00000000	0.21917808
## 49	0.00000000	0.00000000	0.07272727	0.06451613	0.00000000	0.06849315
## 50	0.00000000	0.04411765	0.08695652	0.07246377	0.00000000	0.06578947
## 51	0.00000000	0.00000000	0.16326531	0.16949153	0.00000000	0.17647059
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01612903	0.01351351	0.00000000	0.01428571
## 54	0.00000000	0.04285714	0.22033898	0.20895522	0.04838710	0.16901408
## 55	0.00000000	0.03333333	0.00000000	0.00000000	0.00000000	0.02083333
## 56	0.00000000	0.04918033	0.05797101	0.11864407	0.00000000	0.13114754
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.03389831	0.00000000	0.01694915	0.00000000	0.01612903
## 59	0.00000000	0.01515152	0.03508772	0.02666667	0.03225806	0.00000000
## 60	0.00000000	0.05084746	0.03448276	0.02040816	0.03125000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	379	380	381	382	383	384
## 1	0.01408451	0.07246377	0.00000000	0.00000000	0.00000000	0.20312500
## 2	0.06666667	0.04477612	0.00000000	0.00000000	0.02857143	0.01388889
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.06024096	0.01449275	0.00000000	0.00000000	0.00000000	0.04225352
## 5	0.15853659	0.11538462	0.00000000	0.00000000	0.02739726	0.09756098
## 6	0.01333333	0.03947368	0.00000000	0.00000000	0.02702703	0.00000000
## 7	0.02500000	0.02702703	0.00000000	0.00000000	0.02898551	0.01190476
## 8	0.04444444	0.01408451	0.00000000	0.00000000	0.04411765	0.02325581
## 9	0.01492537	0.00000000	0.00000000	0.00000000	0.01639344	0.02597403
## 10	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000
## 11	0.01219512	0.01492537	0.00000000	0.00000000	0.01351351	0.00000000
## 12	0.11340206	0.14705882	0.00000000	0.00000000	0.02631579	0.13253012
## 13	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 14	0.12903226	0.12500000	0.00000000	0.00000000	0.05084746	0.05000000
## 15	0.01282051	0.01176471	0.00000000	0.02597403	0.00000000	0.00000000
## 16	0.07575758	0.05479452	0.01234568	0.00000000	0.01388889	0.07352941
## 17	0.16176471	0.09677419	0.00000000	0.00000000	0.01562500	0.08974359
## 18	0.10666667	0.03508772	0.00000000	0.00000000	0.13432836	0.05714286
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 20	0.01162791	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000
## 21	0.08000000	0.04761905	0.00000000	0.00000000	0.08196721	0.01515152
## 22	0.14705882	0.20895522	0.00000000	0.00000000	0.01612903	0.03225806
## 23	0.10389610	0.15151515	0.00000000	0.00000000	0.09859155	0.08571429
## 24	0.03174603	0.01960784	0.00000000	0.00000000	0.02564103	0.06849315
## 25	0.02409639	0.04000000	0.00000000	0.00000000	0.00000000	0.02898551
## 26	0.04285714	0.01694915	0.00000000	0.00000000	0.01538462	0.03333333
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.01538462
## 28	0.00000000	0.00000000	0.01333333	0.00000000	0.01250000	0.00000000
## 29	0.05000000	0.00000000	0.00000000	0.01369863	0.02898551	0.00000000
## 30	0.00000000	0.00000000	0.01587302	0.07352941	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01538462	0.08974359	0.01315789	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.01250000
## 33	0.10389610	0.21311475	0.00000000	0.00000000	0.01408451	0.02857143
## 34	0.11594203	0.06060606	0.00000000	0.00000000	0.04285714	0.03333333
## 35	0.05970149	0.03174603	0.00000000	0.00000000	0.00000000	0.03076923
## 36	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.03750000	0.00000000	0.00000000
## 38	0.14285714	0.11764706	0.00000000	0.00000000	0.05797101	0.05194805
## 39	0.07692308	0.06153846	0.00000000	0.01562500	0.06349206	0.13846154
## 40	0.00000000	0.01388889	0.00000000	0.00000000	0.01470588	0.01408451
## 41	0.17187500	0.17391304	0.00000000	0.00000000	0.06250000	0.07894737
## 42	0.20833333	0.13043478	0.00000000	0.01369863	0.13846154	0.04225352
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 45	0.13698630	0.20312500	0.00000000	0.00000000	0.06153846	0.04285714
## 46	0.05405405	0.13793103	0.00000000	0.00000000	0.01612903	0.21212121
## 47	0.07692308	0.12698413	0.00000000	0.00000000	0.03333333	0.03174603
## 48	0.02777778	0.08450704	0.00000000	0.01282051	0.01408451	0.00000000
## 49	0.06756757	0.03030303	0.00000000	0.01612903	0.01492537	0.00000000
## 50	0.13432836	0.04687500	0.00000000	0.00000000	0.01449275	0.07042254
## 51	0.02941176	0.09836066	0.00000000	0.00000000	0.08571429	0.11290323
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01515152	0.00000000	0.00000000	0.02777778	0.00000000	0.00000000
## 54	0.15254237	0.06349206	0.00000000	0.00000000	0.04761905	0.04687500
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 56	0.02631579	0.17460317	0.00000000	0.00000000	0.03703704	0.05000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01515152	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01351351	0.00000000	0.00000000	0.01428571	0.05882353	0.02666667
## 60	0.00000000	0.01639344	0.00000000	0.00000000	0.09090909	0.03174603
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	385	386	387	388	389	390
## 1	0.00000000	0.01785714	0.06557377	0.01428571	0.03030303	0.01612903
## 2	0.00000000	0.06060606	0.00000000	0.00000000	0.03076923	0.09523810
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.04615385	0.05479452	0.00000000	0.02222222	0.04615385
## 5	0.00000000	0.10294118	0.02531646	0.00000000	0.05000000	0.08823529
## 6	0.00000000	0.07142857	0.02631579	0.00000000	0.02469136	0.12162162
## 7	0.00000000	0.08750000	0.02325581	0.00000000	0.06097561	0.07894737
## 8	0.00000000	0.10447761	0.01282051	0.00000000	0.01234568	0.05333333
## 9	0.00000000	0.08823529	0.00000000	0.00000000	0.00000000	0.04838710
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.02985075	0.00000000	0.02898551	0.02564103

## 12	0.00000000	0.07246377	0.06250000	0.00000000	0.07792208	0.18292683
## 13	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.07843137	0.05172414	0.01666667	0.05357143	0.16666667
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 16	0.00000000	0.03076923	0.02352941	0.00000000	0.17647059	0.04761905
## 17	0.00000000	0.06122449	0.04878049	0.00000000	0.05797101	0.16949153
## 18	0.00000000	0.01724138	0.02898551	0.00000000	0.01492537	0.21212121
## 19	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.04444444	0.00000000	0.00000000	0.00000000	0.04938272	0.00000000
## 21	0.00000000	0.11764706	0.04109589	0.00000000	0.11267606	0.25714286
## 22	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.16666667
## 23	0.00000000	0.13333333	0.01315789	0.00000000	0.06756757	0.29687500
## 24	0.00000000	0.01639344	0.02666667	0.00000000	0.00000000	0.07594937
## 25	0.00000000	0.05797101	0.00000000	0.00000000	0.02816901	0.04166667
## 26	0.00000000	0.01449275	0.00000000	0.00000000	0.12676056	0.00000000
## 27	0.00000000	0.03508772	0.00000000	0.00000000	0.02898551	0.01851852
## 28	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 29	0.00000000	0.03333333	0.00000000	0.00000000	0.01315789	0.01666667
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.02941176	0.02739726	0.00000000	0.01369863	0.11250000
## 34	0.00000000	0.01562500	0.01315789	0.00000000	0.02777778	0.14516129
## 35	0.00000000	0.03571429	0.00000000	0.00000000	0.00000000	0.19047619
## 36	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.04687500	0.01492537	0.00000000	0.05714286	0.19178082
## 39	0.00000000	0.04687500	0.00000000	0.01754386	0.04225352	0.25714286
## 40	0.01351351	0.01515152	0.00000000	0.00000000	0.00000000	0.01470588
## 41	0.00000000	0.07462687	0.04411765	0.00000000	0.04615385	0.27941176
## 42	0.00000000	0.07142857	0.02985075	0.00000000	0.00000000	0.21739130
## 43	0.01265823	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000
## 44	0.00000000	0.04081633	0.00000000	0.00000000	0.01470588	0.00000000
## 45	0.00000000	0.01724138	0.02631579	0.00000000	0.02941176	0.14062500
## 46	0.01492537	0.10606061	0.04166667	0.02739726	0.08064516	0.18840580
## 47	0.00000000	0.01818182	0.04761905	0.00000000	0.07575758	0.17142857
## 48	0.00000000	0.03125000	0.02857143	0.00000000	0.03030303	0.13333333
## 49	0.00000000	0.03174603	0.01408451	0.00000000	0.01470588	0.03921569
## 50	0.00000000	0.01492537	0.01298701	0.01639344	0.04054054	0.08450704
## 51	0.00000000	0.13114754	0.01639344	0.00000000	0.07142857	0.23437500
## 52	0.03488372	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000
## 53	0.00000000	0.01818182	0.00000000	0.00000000	0.01351351	0.00000000
## 54	0.00000000	0.21311475	0.04411765	0.00000000	0.08823529	0.14035088
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589	0.00000000
## 56	0.00000000	0.01492537	0.01449275	0.00000000	0.06557377	0.31944444
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.03947368	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	391	392	393	394	395	396
## 1	0.00000000	0.00000000	0.07246377	0.04225352	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01851852
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333

## 4	0.03030303	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 5	0.01538462	0.00000000	0.03703704	0.05084746	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.01333333
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.04411765	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.01492537
## 17	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.02469136	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.01923077	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.05000000	0.01538462	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.01298701	0.01587302	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.01408451	0.02941176	0.00000000	0.01538462
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.02500000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01612903	0.00000000	0.00000000	0.02941176	0.00000000	0.01408451
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01666667	0.03773585	0.04477612
## 33	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 34	0.04347826	0.00000000	0.04285714	0.03174603	0.00000000	0.01428571
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 39	0.00000000	0.00000000	0.01408451	0.01449275	0.00000000	0.01428571
## 40	0.00000000	0.00000000	0.06060606	0.01694915	0.00000000	0.00000000
## 41	0.01388889	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.06153846	0.14285714	0.00000000	0.00000000
## 45	0.01562500	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.09259259	0.01612903	0.00000000	0.01351351
## 47	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.01369863	0.01315789	0.00000000	0.00000000
## 51	0.01562500	0.00000000	0.04761905	0.01470588	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01333333	0.00000000	0.00000000	0.01724138	0.00000000
## 54	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 56	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351

## 58	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.02816901
## 60	0.00000000	0.00000000	0.06557377	0.06557377	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	397	398	399	400	401	402
## 1	0.00000000	0.00000000	0.09677419	0.02941176	0.10447761	0.10389610
## 2	0.00000000	0.00000000	0.04761905	0.02777778	0.01369863	0.02666667
## 3	0.03846154	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.02739726	0.00000000	0.01408451	0.07692308
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.02352941	0.03703704
## 6	0.00000000	0.00000000	0.03125000	0.00000000	0.01351351	0.06097561
## 7	0.00000000	0.00000000	0.05128205	0.03571429	0.03846154	0.03409091
## 8	0.00000000	0.00000000	0.08219178	0.03750000	0.02380952	0.02380952
## 9	0.00000000	0.00000000	0.10937500	0.04477612	0.01428571	0.03947368
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.04054054	0.02631579
## 12	0.02631579	0.00000000	0.03333333	0.00000000	0.04347826	0.11111111
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.01724138	0.00000000	0.01818182	0.05970149
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01470588	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.02985075	0.06666667	0.06756757
## 18	0.01754386	0.00000000	0.00000000	0.03030303	0.00000000	0.06097561
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01315789	0.00000000	0.00000000	0.00000000	0.01190476	0.00000000
## 21	0.00000000	0.00000000	0.07352941	0.01408451	0.01428571	0.05479452
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.02469136	0.05333333
## 23	0.00000000	0.00000000	0.01428571	0.00000000	0.01123596	0.01315789
## 24	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368
## 25	0.00000000	0.00000000	0.05405405	0.01298701	0.06493506	0.02631579
## 26	0.00000000	0.01724138	0.01492537	0.00000000	0.01388889	0.02469136
## 27	0.00000000	0.00000000	0.03921569	0.01587302	0.06153846	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01428571	0.06250000	0.01369863	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.01219512
## 33	0.01408451	0.00000000	0.00000000	0.00000000	0.04761905	0.04444444
## 34	0.00000000	0.00000000	0.01785714	0.00000000	0.04477612	0.08695652
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.06060606
## 36	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.01428571	0.01351351	0.10666667
## 39	0.00000000	0.00000000	0.04109589	0.00000000	0.01449275	0.04878049
## 40	0.01639344	0.00000000	0.00000000	0.01234568	0.01149425	0.01162791
## 41	0.00000000	0.00000000	0.01785714	0.01470588	0.00000000	0.05970149
## 42	0.00000000	0.00000000	0.01298701	0.02666667	0.01408451	0.09523810
## 43	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.03333333	0.04615385	0.02898551	0.02941176
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403	0.05063291
## 46	0.01666667	0.00000000	0.04477612	0.00000000	0.08064516	0.14705882
## 47	0.00000000	0.00000000	0.01408451	0.04545455	0.01724138	0.05882353
## 48	0.00000000	0.00000000	0.02739726	0.01408451	0.01388889	0.00000000
## 49	0.00000000	0.01851852	0.00000000	0.11111111	0.04054054	0.00000000

## 50	0.01470588	0.00000000	0.01408451	0.02469136	0.06493506	0.03488372
## 51	0.01470588	0.00000000	0.02816901	0.01428571	0.01315789	0.10958904
## 52	0.16250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.01785714	0.00000000	0.06779661	0.02941176
## 55	0.00000000	0.01785714	0.05970149	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.03125000	0.04918033	0.10000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 59	0.00000000	0.00000000	0.04761905	0.00000000	0.01351351	0.01470588
## 60	0.00000000	0.00000000	0.00000000	0.01754386	0.01587302	0.02857143
## 61	0.14285714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	403	404	405	406	407	408
## 1	0.03389831	0.00000000	0.00000000	0.00000000	0.01694915	0.03448276
## 2	0.19047619	0.12987013	0.07407407	0.00000000	0.00000000	0.06349206
## 3	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 4	0.08695652	0.03896104	0.03750000	0.00000000	0.00000000	0.05555556
## 5	0.11111111	0.08219178	0.01408451	0.00000000	0.00000000	0.09210526
## 6	0.10126582	0.04819277	0.01204819	0.00000000	0.00000000	0.15492958
## 7	0.12658228	0.18681319	0.03846154	0.00000000	0.00000000	0.07792208
## 8	0.10526316	0.04761905	0.05405405	0.00000000	0.00000000	0.11688312
## 9	0.07894737	0.07462687	0.03174603	0.00000000	0.01333333	0.07142857
## 10	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.07692308	0.00000000	0.00000000	0.00000000	0.00000000	0.07594937
## 12	0.15789474	0.02061856	0.02409639	0.00000000	0.00000000	0.20833333
## 13	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.06250000	0.02985075	0.01587302	0.00000000	0.00000000	0.16129032
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.02985075	0.01190476	0.01449275	0.00000000	0.00000000	0.04545455
## 17	0.15151515	0.05797101	0.01515152	0.00000000	0.00000000	0.09589041
## 18	0.12280702	0.01612903	0.00000000	0.00000000	0.01587302	0.11290323
## 19	0.00000000	0.01265823	0.00000000	0.04687500	0.00000000	0.00000000
## 20	0.00000000	0.01219512	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.32258065	0.16666667	0.04838710	0.00000000	0.00000000	0.20000000
## 22	0.20967742	0.05714286	0.01408451	0.00000000	0.00000000	0.13432836
## 23	0.25714286	0.08333333	0.05555556	0.00000000	0.00000000	0.17741935
## 24	0.10000000	0.01282051	0.01250000	0.00000000	0.00000000	0.01492537
## 25	0.10606061	0.05952381	0.02702703	0.00000000	0.01219512	0.04000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.03333333	0.05714286	0.01492537	0.00000000	0.00000000	0.07575758
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01492537	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.02631579	0.16438356	0.01351351	0.00000000	0.00000000
## 32	0.00000000	0.01298701	0.00000000	0.09230769	0.04000000	0.00000000
## 33	0.10000000	0.01298701	0.00000000	0.00000000	0.00000000	0.10843373
## 34	0.13043478	0.06756757	0.00000000	0.00000000	0.02857143	0.13333333
## 35	0.11764706	0.11428571	0.01587302	0.00000000	0.00000000	0.25000000
## 36	0.00000000	0.01388889	0.01315789	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 38	0.12307692	0.03030303	0.01176471	0.00000000	0.00000000	0.17948718
## 39	0.16883117	0.03846154	0.02985075	0.00000000	0.00000000	0.30434783
## 40	0.00000000	0.00000000	0.00000000	0.12162162	0.02247191	0.00000000
## 41	0.27142857	0.07692308	0.00000000	0.00000000	0.00000000	0.16216216

## 42	0.09459459	0.07792208	0.00000000	0.00000000	0.02564103	0.13698630
## 43	0.00000000	0.00000000	0.00000000	0.01219512	0.00000000	0.00000000
## 44	0.00000000	0.02985075	0.00000000	0.00000000	0.18965517	0.00000000
## 45	0.20895522	0.02469136	0.00000000	0.00000000	0.00000000	0.28985507
## 46	0.08450704	0.07462687	0.03896104	0.00000000	0.02941176	0.14925373
## 47	0.06451613	0.10294118	0.01298701	0.00000000	0.01515152	0.11428571
## 48	0.19402985	0.13888889	0.06944444	0.00000000	0.01470588	0.22058824
## 49	0.05084746	0.01449275	0.02857143	0.00000000	0.01369863	0.01538462
## 50	0.04687500	0.02777778	0.01538462	0.00000000	0.01515152	0.05714286
## 51	0.24615385	0.15254237	0.05633803	0.00000000	0.00000000	0.23728814
## 52	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01428571	0.08860759	0.02898551	0.00000000	0.00000000	0.01470588
## 54	0.09375000	0.13235294	0.05714286	0.00000000	0.01369863	0.05970149
## 55	0.01694915	0.01250000	0.00000000	0.00000000	0.00000000	0.04687500
## 56	0.11111111	0.02564103	0.02666667	0.00000000	0.00000000	0.26666667
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.04477612	0.02564103	0.01369863	0.01562500	0.00000000	0.03571429
## 59	0.01369863	0.01234568	0.00000000	0.01587302	0.03225806	0.00000000
## 60	0.03571429	0.01470588	0.00000000	0.00000000	0.03571429	0.00000000
## 61	0.00000000	0.01111111	0.00000000	0.00000000	0.00000000	0.00000000
##	409	410	411	412	413	414
## 1	0.05633803	0.02000000	0.04918033	0.02898551	0.00000000	0.00000000
## 2	0.13793103	0.14035088	0.01694915	0.04545455	0.03896104	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05797101
## 4	0.06153846	0.13235294	0.03076923	0.05063291	0.02597403	0.00000000
## 5	0.14516129	0.10526316	0.12121212	0.12500000	0.01369863	0.00000000
## 6	0.13432836	0.19298246	0.08474576	0.07042254	0.02857143	0.00000000
## 7	0.17948718	0.25000000	0.16049383	0.09195402	0.02352941	0.00000000
## 8	0.08108108	0.07692308	0.07352941	0.05797101	0.03846154	0.00000000
## 9	0.02985075	0.11940299	0.06666667	0.03030303	0.05172414	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714	0.00000000
## 11	0.03508772	0.06557377	0.00000000	0.05479452	0.00000000	0.00000000
## 12	0.14864865	0.33783784	0.08823529	0.21518987	0.01234568	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 14	0.16666667	0.18518519	0.03174603	0.14473684	0.00000000	0.00000000
## 15	0.01282051	0.00000000	0.00000000	0.00000000	0.01190476	0.00000000
## 16	0.04411765	0.15277778	0.01408451	0.04411765	0.00000000	0.00000000
## 17	0.12068966	0.18867925	0.12307692	0.21126761	0.01449275	0.00000000
## 18	0.05882353	0.08474576	0.01694915	0.08695652	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000
## 20	0.00000000	0.00000000	0.01428571	0.00000000	0.01219512	0.00000000
## 21	0.23076923	0.20754717	0.11290323	0.12676056	0.07246377	0.00000000
## 22	0.26388889	0.15384615	0.01470588	0.10666667	0.02816901	0.00000000
## 23	0.36065574	0.42622951	0.15789474	0.31707317	0.04615385	0.00000000
## 24	0.07462687	0.14814815	0.03030303	0.05797101	0.00000000	0.00000000
## 25	0.01492537	0.08196721	0.10000000	0.11842105	0.04000000	0.00000000
## 26	0.01408451	0.00000000	0.01724138	0.03947368	0.00000000	0.01587302
## 27	0.01315789	0.04000000	0.06349206	0.02898551	0.07352941	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 29	0.02898551	0.01639344	0.04545455	0.00000000	0.02857143	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01515152	0.00000000	0.00000000	0.01388889	0.01369863	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000
## 33	0.15625000	0.12068966	0.06493506	0.08974359	0.00000000	0.00000000



## 34	0.14285714	0.10714286	0.00000000	0.01449275	0.00000000	0.00000000
## 35	0.17741935	0.19642857	0.01754386	0.11594203	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.01428571
## 38	0.19117647	0.23809524	0.09589041	0.19277108	0.04225352	0.00000000
## 39	0.20588235	0.23728814	0.03278689	0.11940299	0.01408451	0.00000000
## 40	0.00000000	0.00000000	0.01470588	0.01265823	0.00000000	0.00000000
## 41	0.24657534	0.23880597	0.07812500	0.26760563	0.01492537	0.00000000
## 42	0.19117647	0.13043478	0.07407407	0.11428571	0.01333333	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05555556
## 44	0.00000000	0.01851852	0.01754386	0.00000000	0.01562500	0.00000000
## 45	0.24615385	0.12698413	0.03174603	0.10526316	0.00000000	0.00000000
## 46	0.17741935	0.31147541	0.07142857	0.17808219	0.00000000	0.01538462
## 47	0.20312500	0.29629630	0.08333333	0.18055556	0.01639344	0.00000000
## 48	0.19354839	0.14062500	0.08928571	0.05555556	0.01694915	0.00000000
## 49	0.04687500	0.13559322	0.09375000	0.04000000	0.04838710	0.00000000
## 50	0.06451613	0.15384615	0.11764706	0.09589041	0.00000000	0.00000000
## 51	0.29230769	0.18644068	0.11666667	0.20895522	0.07246377	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08823529
## 53	0.00000000	0.01639344	0.02941176	0.01515152	0.01492537	0.00000000
## 54	0.11538462	0.18333333	0.19117647	0.13114754	0.00000000	0.01612903
## 55	0.01449275	0.03225806	0.00000000	0.01587302	0.01785714	0.00000000
## 56	0.23943662	0.32727273	0.06779661	0.26760563	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01587302	0.01562500	0.00000000	0.00000000	0.03571429
## 59	0.03448276	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 60	0.04545455	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05194805
##	415	416	417	418	419	420
## 1	0.00000000	0.04347826	0.00000000	0.00000000	0.01470588	0.01369863
## 2	0.00000000	0.02739726	0.00000000	0.08196721	0.12162162	0.02898551
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.11250000	0.00000000	0.04761905	0.06849315	0.04166667
## 5	0.00000000	0.12820513	0.00000000	0.08219178	0.02531646	0.08450704
## 6	0.00000000	0.04000000	0.00000000	0.09589041	0.04225352	0.01449275
## 7	0.00000000	0.02247191	0.00000000	0.25316456	0.29487179	0.04819277
## 8	0.00000000	0.01282051	0.00000000	0.08750000	0.17500000	0.01388889
## 9	0.00000000	0.04000000	0.00000000	0.15942029	0.25373134	0.01315789
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 11	0.04838710	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 12	0.00000000	0.06024096	0.00000000	0.11250000	0.05333333	0.02380952
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01818182	0.09677419	0.00000000	0.12068966	0.05263158	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 16	0.07575758	0.05128205	0.04761905	0.02857143	0.07142857	0.01298701
## 17	0.00000000	0.04347826	0.00000000	0.05797101	0.08450704	0.05128205
## 18	0.00000000	0.12121212	0.00000000	0.01515152	0.00000000	0.01315789
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.01234568
## 21	0.00000000	0.07500000	0.00000000	0.16417910	0.21428571	0.01428571
## 22	0.00000000	0.01315789	0.00000000	0.05714286	0.07042254	0.04347826
## 23	0.01538462	0.06024096	0.00000000	0.15492958	0.13924051	0.09859155
## 24	0.00000000	0.04000000	0.00000000	0.01388889	0.00000000	0.04285714
## 25	0.00000000	0.03658537	0.00000000	0.05333333	0.14285714	0.02564103

## 26	0.01515152	0.04545455	0.00000000	0.01470588	0.01515152	0.01351351
## 27	0.00000000	0.02739726	0.00000000	0.08474576	0.13559322	0.00000000
## 28	0.05263158	0.00000000	0.02500000	0.00000000	0.00000000	0.01219512
## 29	0.03174603	0.02531646	0.00000000	0.00000000	0.06250000	0.06410256
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01538462	0.01470588	0.00000000	0.01369863
## 32	0.00000000	0.01265823	0.00000000	0.00000000	0.01351351	0.01449275
## 33	0.00000000	0.07792208	0.00000000	0.04477612	0.02500000	0.01204819
## 34	0.01538462	0.23728814	0.00000000	0.04761905	0.03076923	0.05970149
## 35	0.01587302	0.05882353	0.00000000	0.11111111	0.08333333	0.01408451
## 36	0.00000000	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.05405405	0.00000000	0.07142857	0.04938272	0.00000000
## 39	0.00000000	0.02500000	0.00000000	0.07142857	0.08955224	0.01315789
## 40	0.00000000	0.02777778	0.00000000	0.00000000	0.00000000	0.02409639
## 41	0.03225806	0.15068493	0.00000000	0.16000000	0.15068493	0.04411765
## 42	0.03125000	0.08860759	0.00000000	0.05084746	0.10144928	0.04000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01408451	0.00000000	0.00000000	0.01666667	0.04477612
## 45	0.00000000	0.10526316	0.00000000	0.03508772	0.01538462	0.01515152
## 46	0.00000000	0.05633803	0.00000000	0.04000000	0.00000000	0.01351351
## 47	0.00000000	0.08823529	0.00000000	0.09090909	0.10447761	0.04109589
## 48	0.00000000	0.05970149	0.00000000	0.13559322	0.17460317	0.00000000
## 49	0.00000000	0.03947368	0.00000000	0.05172414	0.06896552	0.05797101
## 50	0.03030303	0.06410256	0.00000000	0.13432836	0.07462687	0.09210526
## 51	0.01408451	0.09722222	0.00000000	0.20000000	0.17142857	0.05405405
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.02985075	0.06666667	0.01515152	0.00000000
## 54	0.01612903	0.13846154	0.00000000	0.19672131	0.15625000	0.08823529
## 55	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
## 56	0.01785714	0.06666667	0.00000000	0.05882353	0.08474576	0.02777778
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.04347826	0.00000000	0.00000000	0.03225806	0.00000000
## 59	0.01612903	0.01562500	0.00000000	0.01724138	0.02985075	0.05633803
## 60	0.00000000	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
##	421	422	423	424	425	426
## 1	0.04225352	0.05063291	0.00000000	0.00000000	0.06849315	0.00000000
## 2	0.07246377	0.05263158	0.00000000	0.00000000	0.00000000	0.20000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.04705882	0.06756757	0.00000000	0.04411765	0.01428571	0.00000000
## 5	0.05128205	0.11842105	0.00000000	0.01369863	0.00000000	0.07142857
## 6	0.04225352	0.02380952	0.00000000	0.03225806	0.01369863	0.03703704
## 7	0.05747126	0.04705882	0.00000000	0.01428571	0.05063291	0.26829268
## 8	0.05617978	0.08536585	0.00000000	0.02816901	0.02247191	0.10843373
## 9	0.00000000	0.02857143	0.00000000	0.03921569	0.04347826	0.05555556
## 10	0.00000000	0.00000000	0.01351351	0.06349206	0.00000000	0.00000000
## 11	0.02777778	0.02631579	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.04878049	0.16250000	0.00000000	0.01612903	0.01298701	0.05813953
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.08620690	0.19354839	0.00000000	0.03448276	0.00000000	0.03076923
## 15	0.01219512	0.02564103	0.01111111	0.08750000	0.00000000	0.00000000
## 16	0.02702703	0.04225352	0.00000000	0.00000000	0.00000000	0.02597403
## 17	0.07142857	0.17567568	0.00000000	0.01388889	0.01639344	0.05970149

## 18	0.04166667	0.04225352	0.00000000	0.02000000	0.00000000	0.01388889
## 19	0.00000000	0.01250000	0.00000000	0.02631579	0.00000000	0.00000000
## 20	0.00000000	0.01369863	0.00000000	0.01515152	0.02222222	0.00000000
## 21	0.11688312	0.06666667	0.00000000	0.02816901	0.00000000	0.15625000
## 22	0.00000000	0.09210526	0.00000000	0.00000000	0.00000000	0.05714286
## 23	0.04109589	0.05633803	0.00000000	0.04838710	0.01282051	0.17647059
## 24	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 25	0.01333333	0.05681818	0.00000000	0.04477612	0.02857143	0.02597403
## 26	0.02777778	0.01282051	0.00000000	0.00000000	0.04166667	0.04054054
## 27	0.00000000	0.01492537	0.00000000	0.03125000	0.13888889	0.03333333
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.04477612	0.00000000	0.01449275	0.00000000	0.02985075
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.02941176	0.12676056	0.00000000	0.00000000	0.00000000	0.01282051
## 34	0.01428571	0.02816901	0.00000000	0.00000000	0.00000000	0.02597403
## 35	0.03225806	0.05797101	0.00000000	0.00000000	0.02777778	0.04411765
## 36	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 38	0.05194805	0.13750000	0.00000000	0.03174603	0.00000000	0.06578947
## 39	0.10810811	0.08219178	0.00000000	0.00000000	0.04109589	0.05479452
## 40	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.01298701
## 41	0.07792208	0.13513514	0.00000000	0.00000000	0.01315789	0.16666667
## 42	0.08219178	0.11842105	0.00000000	0.00000000	0.00000000	0.12658228
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01562500	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 45	0.05128205	0.08974359	0.00000000	0.00000000	0.00000000	0.04109589
## 46	0.10810811	0.08955224	0.00000000	0.00000000	0.03225806	0.02985075
## 47	0.08219178	0.21538462	0.00000000	0.00000000	0.02985075	0.10169492
## 48	0.04477612	0.00000000	0.00000000	0.01587302	0.00000000	0.12500000
## 49	0.01694915	0.16176471	0.00000000	0.01851852	0.01587302	0.08000000
## 50	0.01388889	0.05633803	0.00000000	0.00000000	0.00000000	0.09523810
## 51	0.12500000	0.06849315	0.00000000	0.03174603	0.00000000	0.14666667
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.03030303	0.00000000	0.14545455	0.00000000	0.01408451
## 54	0.05357143	0.08333333	0.00000000	0.00000000	0.08064516	0.15714286
## 55	0.05479452	0.00000000	0.00000000	0.00000000	0.02857143	0.01369863
## 56	0.13333333	0.19402985	0.00000000	0.01666667	0.00000000	0.04166667
## 57	0.00000000	0.00000000	0.01162791	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.02739726	0.01492537	0.00000000	0.01492537	0.00000000	0.02380952
## 60	0.11594203	0.01754386	0.00000000	0.00000000	0.00000000	0.01562500
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	427	428	429	430	431	432
## 1	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000
## 2	0.01388889	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.02469136	0.02898551	0.00000000	0.00000000	0.00000000	0.02469136
## 4	0.01515152	0.00000000	0.01219512	0.17187500	0.00000000	0.00000000
## 5	0.01449275	0.00000000	0.01492537	0.03174603	0.00000000	0.00000000
## 6	0.01298701	0.00000000	0.00000000	0.09090909	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.01234568	0.06756757	0.00000000	0.00000000
## 8	0.02597403	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 9	0.01492537	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000

## 10	0.00000000	0.00000000	0.06779661	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.01388889	0.01612903	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01538462	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.02439024	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.03703704	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 19	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01204819	0.00000000	0.00000000	0.01388889	0.00000000
## 21	0.00000000	0.01492537	0.00000000	0.01612903	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.05084746	0.00000000	0.00000000
## 23	0.01388889	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 24	0.08974359	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 25	0.01449275	0.00000000	0.01234568	0.07246377	0.00000000	0.00000000
## 26	0.00000000	0.02666667	0.00000000	0.01666667	0.00000000	0.00000000
## 27	0.06451613	0.00000000	0.00000000	0.25423729	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01538462	0.00000000	0.01818182	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01538462	0.01538462	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000	0.00000000
## 35	0.03448276	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 37	0.00000000	0.02985075	0.02985075	0.00000000	0.00000000	0.00000000
## 38	0.01282051	0.00000000	0.01333333	0.08571429	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.03773585	0.00000000	0.00000000
## 40	0.03750000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 41	0.00000000	0.00000000	0.00000000	0.08823529	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 43	0.01408451	0.02702703	0.00000000	0.00000000	0.00000000	0.06849315
## 44	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.03636364	0.00000000	0.00000000
## 46	0.01388889	0.00000000	0.01515152	0.03125000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000
## 48	0.01515152	0.00000000	0.01298701	0.01492537	0.00000000	0.00000000
## 49	0.02898551	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.01694915	0.01428571	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.04761905	0.00000000	0.00000000
## 52	0.00000000	0.04054054	0.00000000	0.00000000	0.00000000	0.04054054
## 53	0.00000000	0.00000000	0.04054054	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.13333333	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 56	0.01538462	0.00000000	0.00000000	0.06451613	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.04615385	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01428571	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 60	0.01515152	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.01515152	0.03947368	0.00000000	0.00000000	0.00000000	0.01333333
##	433	434	435	436	437	438
## 1	0.00000000	0.01562500	0.03947368	0.01538462	0.01666667	0.00000000

## 2	0.05084746	0.04347826	0.00000000	0.00000000	0.06250000	0.09589041
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01428571	0.14492754	0.00000000	0.00000000	0.25423729	0.02857143
## 5	0.05000000	0.10588235	0.00000000	0.00000000	0.12500000	0.01234568
## 6	0.00000000	0.10144928	0.00000000	0.00000000	0.14035088	0.01190476
## 7	0.00000000	0.06410256	0.00000000	0.00000000	0.04687500	0.02531646
## 8	0.00000000	0.12162162	0.00000000	0.00000000	0.03278689	0.04109589
## 9	0.03076923	0.08823529	0.02469136	0.00000000	0.11666667	0.02597403
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 11	0.00000000	0.07042254	0.00000000	0.01492537	0.04285714	0.00000000
## 12	0.02857143	0.19230769	0.00000000	0.00000000	0.06493506	0.01204819
## 13	0.00000000	0.00000000	0.01250000	0.01190476	0.00000000	0.00000000
## 14	0.00000000	0.19047619	0.00000000	0.00000000	0.08695652	0.04615385
## 15	0.01449275	0.00000000	0.00000000	0.00000000	0.01492537	0.01111111
## 16	0.01470588	0.04761905	0.01204819	0.00000000	0.05714286	0.01492537
## 17	0.01587302	0.10294118	0.01111111	0.00000000	0.09090909	0.00000000
## 18	0.00000000	0.04477612	0.00000000	0.00000000	0.03174603	0.00000000
## 19	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.01282051
## 21	0.01666667	0.15625000	0.00000000	0.00000000	0.11864407	0.01538462
## 22	0.05084746	0.05479452	0.00000000	0.00000000	0.04687500	0.00000000
## 23	0.04838710	0.06153846	0.00000000	0.00000000	0.10169492	0.00000000
## 24	0.03125000	0.05357143	0.00000000	0.00000000	0.03225806	0.00000000
## 25	0.02777778	0.05333333	0.01176471	0.00000000	0.18644068	0.01333333
## 26	0.00000000	0.03125000	0.01369863	0.00000000	0.00000000	0.00000000
## 27	0.05882353	0.14062500	0.00000000	0.01408451	0.10526316	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 29	0.07936508	0.08196721	0.00000000	0.00000000	0.03278689	0.01515152
## 30	0.01428571	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 32	0.03030303	0.00000000	0.07142857	0.00000000	0.00000000	0.00000000
## 33	0.01666667	0.07692308	0.00000000	0.00000000	0.05263158	0.00000000
## 34	0.01724138	0.09523810	0.00000000	0.00000000	0.03225806	0.00000000
## 35	0.01851852	0.17241379	0.00000000	0.00000000	0.03636364	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 37	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 38	0.00000000	0.28378378	0.00000000	0.00000000	0.12962963	0.02857143
## 39	0.00000000	0.13043478	0.01136364	0.00000000	0.01851852	0.01408451
## 40	0.01724138	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000
## 41	0.01612903	0.12987013	0.00000000	0.00000000	0.14754098	0.01470588
## 42	0.01562500	0.11290323	0.00000000	0.00000000	0.01470588	0.01470588
## 43	0.00000000	0.00000000	0.00000000	0.02857143	0.01428571	0.00000000
## 44	0.05357143	0.01408451	0.28571429	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.10769231	0.00000000	0.00000000	0.02985075	0.01428571
## 46	0.01587302	0.10769231	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.02325581	0.10169492	0.00000000	0.00000000	0.06557377	0.01562500
## 48	0.01612903	0.06060606	0.01298701	0.00000000	0.11111111	0.01538462
## 49	0.01562500	0.03030303	0.01388889	0.00000000	0.03921569	0.01515152
## 50	0.05263158	0.02739726	0.00000000	0.00000000	0.05797101	0.01369863
## 51	0.01818182	0.19696970	0.00000000	0.00000000	0.09523810	0.01612903
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000	0.10666667
## 54	0.11864407	0.06666667	0.00000000	0.00000000	0.17307692	0.01612903
## 55	0.00000000	0.00000000	0.01449275	0.00000000	0.01754386	0.00000000

## 56	0.00000000	0.27941176	0.00000000	0.00000000	0.10937500	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 59	0.00000000	0.01408451	0.02985075	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	439	440	441	442	443	444
## 1	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000	0.02857143
## 2	0.00000000	0.01315789	0.00000000	0.00000000	0.04687500	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.01265823	0.01315789	0.06451613	0.01333333	0.00000000
## 5	0.00000000	0.02380952	0.01282051	0.05000000	0.01724138	0.00000000
## 6	0.00000000	0.00000000	0.02898551	0.03278689	0.02739726	0.00000000
## 7	0.00000000	0.03333333	0.02352941	0.06097561	0.01162791	0.00000000
## 8	0.00000000	0.00000000	0.02777778	0.01298701	0.01369863	0.00000000
## 9	0.01562500	0.02409639	0.02898551	0.04411765	0.00000000	0.01315789
## 10	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01162791	0.01351351	0.01538462	0.04054054	0.00000000
## 12	0.00000000	0.01111111	0.02298851	0.05194805	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.03030303	0.02898551	0.01754386	0.00000000	0.00000000
## 15	0.00000000	0.04395604	0.00000000	0.00000000	0.01282051	0.00000000
## 16	0.00000000	0.00000000	0.02597403	0.02777778	0.00000000	0.01470588
## 17	0.00000000	0.00000000	0.01612903	0.02000000	0.01538462	0.01470588
## 18	0.00000000	0.00000000	0.06153846	0.03448276	0.00000000	0.01428571
## 19	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 20	0.01515152	0.01219512	0.00000000	0.00000000	0.00000000	0.01250000
## 21	0.00000000	0.00000000	0.01612903	0.02898551	0.04838710	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.02985075	0.01282051	0.00000000
## 23	0.00000000	0.02380952	0.00000000	0.01470588	0.01492537	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.02439024	0.01234568	0.01369863	0.05263158	0.00000000
## 26	0.00000000	0.01282051	0.02857143	0.01694915	0.00000000	0.06060606
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.01315789
## 29	0.00000000	0.00000000	0.06250000	0.10769231	0.03225806	0.01428571
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01315789	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.01351351
## 33	0.00000000	0.00000000	0.01282051	0.01587302	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.06153846	0.12903226	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.01886792	0.02941176	0.00000000
## 36	0.01587302	0.00000000	0.00000000	0.00000000	0.04225352	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.02325581	0.01219512	0.03076923	0.01282051	0.00000000
## 39	0.00000000	0.01265823	0.00000000	0.03125000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.01282051	0.01388889	0.00000000	0.00000000
## 41	0.00000000	0.01333333	0.02941176	0.01666667	0.01612903	0.00000000
## 42	0.00000000	0.03797468	0.01351351	0.01666667	0.02985075	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103
## 44	0.00000000	0.00000000	0.12068966	0.05357143	0.00000000	0.01612903
## 45	0.00000000	0.00000000	0.01234568	0.03389831	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.03571429	0.00000000	0.00000000
## 47	0.00000000	0.01449275	0.06349206	0.03846154	0.01694915	0.00000000

## 48	0.00000000	0.01492537	0.02985075	0.03076923	0.01470588	0.00000000
## 49	0.00000000	0.01333333	0.10126582	0.09090909	0.01515152	0.01538462
## 50	0.00000000	0.00000000	0.02469136	0.02985075	0.00000000	0.00000000
## 51	0.00000000	0.01388889	0.01492537	0.05084746	0.01724138	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 53	0.00000000	0.00000000	0.01369863	0.00000000	0.01724138	0.01250000
## 54	0.00000000	0.02597403	0.02777778	0.05084746	0.02898551	0.00000000
## 55	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.01333333	0.06349206	0.01639344	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 58	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000
## 59	0.01587302	0.00000000	0.04054054	0.01587302	0.00000000	0.02816901
## 60	0.00000000	0.00000000	0.01639344	0.01666667	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
##	445	446	447	448	449	450
## 1	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000	0.01219512
## 2	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.06849315
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.02352941	0.01724138	0.05263158
## 5	0.00000000	0.00000000	0.00000000	0.05405405	0.00000000	0.04285714
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.05263158
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10714286
## 8	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.12500000
## 9	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.07142857
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.01315789
## 12	0.00000000	0.00000000	0.00000000	0.01204819	0.00000000	0.03529412
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000	0.08108108
## 18	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000	0.02666667
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 20	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07462687
## 22	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.06578947	0.00000000	0.11111111
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806	0.04411765
## 25	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000	0.10810811
## 26	0.00000000	0.00000000	0.00000000	0.01639344	0.03389831	0.02739726
## 27	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.10169492
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000	0.05405405
## 30	0.01351351	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 32	0.01250000	0.00000000	0.00000000	0.01612903	0.00000000	0.01351351
## 33	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.01351351
## 34	0.00000000	0.00000000	0.00000000	0.22222222	0.00000000	0.03030303
## 35	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.01639344
## 36	0.02816901	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.01369863	0.01449275	0.04285714
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500

## 40	0.00000000	0.00000000	0.00000000	0.03225806	0.01538462	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.08695652	0.01666667	0.04109589
## 42	0.00000000	0.00000000	0.00000000	0.07792208	0.00000000	0.06578947
## 43	0.00000000	0.00000000	0.01282051	0.00000000	0.04000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.04411765
## 45	0.00000000	0.00000000	0.00000000	0.05882353	0.00000000	0.05333333
## 46	0.00000000	0.00000000	0.01818182	0.01587302	0.02739726	0.04000000
## 47	0.00000000	0.00000000	0.00000000	0.05714286	0.00000000	0.04761905
## 48	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.06153846
## 49	0.00000000	0.00000000	0.00000000	0.03571429	0.00000000	0.01333333
## 50	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.02247191
## 51	0.00000000	0.00000000	0.00000000	0.04838710	0.00000000	0.05479452
## 52	0.00000000	0.00000000	0.11428571	0.00000000	0.11594203	0.01282051
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.21666667
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04347826
## 57	0.00000000	0.01562500	0.00000000	0.01587302	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.01265823
## 59	0.00000000	0.00000000	0.00000000	0.04000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000	0.01562500
## 61	0.00000000	0.00000000	0.04477612	0.00000000	0.05555556	0.00000000
##	451	452	453	454	455	456
## 1	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 2	0.05263158	0.02816901	0.00000000	0.00000000	0.03076923	0.01388889
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.04687500	0.01408451	0.00000000	0.00000000	0.00000000	0.03846154
## 5	0.01333333	0.04166667	0.01562500	0.00000000	0.05797101	0.01388889
## 6	0.10256410	0.01333333	0.00000000	0.00000000	0.02816901	0.02597403
## 7	0.04938272	0.07228916	0.00000000	0.00000000	0.05000000	0.05063291
## 8	0.11688312	0.03529412	0.00000000	0.00000000	0.01265823	0.01298701
## 9	0.11428571	0.01333333	0.00000000	0.00000000	0.01538462	0.09090909
## 10	0.01449275	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 11	0.08823529	0.01123596	0.00000000	0.00000000	0.02777778	0.00000000
## 12	0.08536585	0.03296703	0.00000000	0.00000000	0.11627907	0.02173913
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.03448276	0.09090909	0.00000000	0.00000000	0.07462687	0.02777778
## 15	0.01149425	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01388889	0.02564103	0.00000000	0.09375000	0.06493506	0.02702703
## 17	0.07142857	0.05063291	0.01587302	0.00000000	0.08695652	0.02816901
## 18	0.08474576	0.02739726	0.00000000	0.00000000	0.23809524	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01265823	0.01369863	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000	0.01351351
## 21	0.17741935	0.05882353	0.00000000	0.00000000	0.11594203	0.07142857
## 22	0.11392405	0.03030303	0.00000000	0.00000000	0.04285714	0.01265823
## 23	0.06060606	0.07692308	0.01234568	0.00000000	0.01388889	0.00000000
## 24	0.01282051	0.24675325	0.00000000	0.00000000	0.00000000	0.02739726
## 25	0.02298851	0.02439024	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.02777778	0.00000000	0.01724138	0.00000000	0.01408451	0.00000000
## 27	0.05797101	0.01639344	0.00000000	0.00000000	0.04615385	0.13846154
## 28	0.01176471	0.00000000	0.00000000	0.07792208	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.03125000	0.00000000	0.01428571	0.01282051
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000



## 32	0.00000000	0.00000000	0.00000000	0.05633803	0.00000000	0.00000000
## 33	0.03947368	0.00000000	0.00000000	0.00000000	0.06329114	0.01470588
## 34	0.03125000	0.06060606	0.00000000	0.00000000	0.21428571	0.00000000
## 35	0.18965517	0.01515152	0.00000000	0.00000000	0.04918033	0.04225352
## 36	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.05405405	0.04938272	0.00000000	0.00000000	0.02666667	0.02564103
## 39	0.14864865	0.03658537	0.00000000	0.00000000	0.01388889	0.01250000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.11428571	0.10769231	0.00000000	0.00000000	0.12328767	0.03174603
## 42	0.06849315	0.06410256	0.00000000	0.00000000	0.05882353	0.01388889
## 43	0.00000000	0.02531646	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.05660377	0.00000000	0.01315789
## 45	0.06060606	0.01315789	0.00000000	0.00000000	0.19117647	0.00000000
## 46	0.05970149	0.02702703	0.00000000	0.00000000	0.07352941	0.00000000
## 47	0.06578947	0.05084746	0.00000000	0.00000000	0.09836066	0.00000000
## 48	0.21666667	0.05405405	0.00000000	0.00000000	0.11267606	0.08333333
## 49	0.01492537	0.00000000	0.00000000	0.00000000	0.06451613	0.01515152
## 50	0.04225352	0.02409639	0.01470588	0.01282051	0.08536585	0.01408451
## 51	0.28985507	0.13432836	0.03030303	0.00000000	0.04285714	0.04411765
## 52	0.00000000	0.06578947	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01587302	0.01250000	0.00000000	0.00000000	0.00000000	0.01298701
## 54	0.03076923	0.02941176	0.00000000	0.00000000	0.03278689	0.03947368
## 55	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778
## 56	0.12121212	0.05714286	0.03389831	0.00000000	0.13333333	0.01369863
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01587302	0.07936508	0.00000000	0.00000000	0.04615385	0.00000000
## 59	0.00000000	0.01408451	0.00000000	0.01388889	0.01470588	0.01250000
## 60	0.03076923	0.00000000	0.00000000	0.02702703	0.10606061	0.00000000
## 61	0.01351351	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
##	457	458	459	460	461	462
## 1	0.00000000	0.00000000	0.01818182	0.04838710	0.03389831	0.02173913
## 2	0.00000000	0.00000000	0.04838710	0.00000000	0.03030303	0.04347826
## 3	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.01351351	0.03571429	0.05263158	0.07246377
## 5	0.00000000	0.00000000	0.01428571	0.03030303	0.14473684	0.06153846
## 6	0.00000000	0.00000000	0.01562500	0.03125000	0.14285714	0.11428571
## 7	0.00000000	0.00000000	0.04054054	0.01333333	0.09638554	0.17142857
## 8	0.00000000	0.00000000	0.00000000	0.01428571	0.02739726	0.12307692
## 9	0.00000000	0.00000000	0.01587302	0.01587302	0.04761905	0.07843137
## 10	0.00000000	0.01639344	0.00000000	0.00000000	0.01428571	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.01785714	0.06172840	0.00000000
## 12	0.00000000	0.00000000	0.01369863	0.04687500	0.30666667	0.15625000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.03225806	0.01960784	0.10447761	0.16071429
## 15	0.00000000	0.04166667	0.01515152	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.01666667	0.01515152	0.01492537	0.06410256
## 17	0.00000000	0.00000000	0.00000000	0.01492537	0.11940299	0.12500000
## 18	0.00000000	0.00000000	0.00000000	0.03030303	0.09859155	0.03225806
## 19	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 21	0.00000000	0.00000000	0.03125000	0.03030303	0.12500000	0.10294118
## 22	0.00000000	0.00000000	0.01538462	0.03571429	0.04838710	0.05084746
## 23	0.00000000	0.00000000	0.01612903	0.02857143	0.27142857	0.12962963

## 24	0.00000000	0.01351351	0.00000000	0.03278689	0.01515152	0.01694915
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.05555556	0.08695652
## 26	0.00000000	0.00000000	0.09615385	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01639344	0.03773585	0.03448276	0.07547170
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.01724138
## 30	0.00000000	0.03846154	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.04838710	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.03389831	0.05084746	0.08108108	0.03508772
## 34	0.00000000	0.00000000	0.00000000	0.01785714	0.08955224	0.06000000
## 35	0.00000000	0.00000000	0.04838710	0.03333333	0.09375000	0.03448276
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01923077	0.01639344	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.01428571	0.05405405	0.14102564	0.20588235
## 39	0.00000000	0.00000000	0.03030303	0.03125000	0.14925373	0.14084507
## 40	0.02857143	0.00000000	0.01470588	0.01515152	0.00000000	0.01612903
## 41	0.00000000	0.00000000	0.01315789	0.04761905	0.20000000	0.16129032
## 42	0.00000000	0.00000000	0.04545455	0.02941176	0.10810811	0.11428571
## 43	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.09259259	0.00000000	0.01754386
## 45	0.00000000	0.00000000	0.01587302	0.03174603	0.11428571	0.06896552
## 46	0.00000000	0.00000000	0.03225806	0.07407407	0.16666667	0.10000000
## 47	0.00000000	0.00000000	0.01492537	0.03389831	0.09259259	0.25925926
## 48	0.00000000	0.00000000	0.02985075	0.01470588	0.11111111	0.04761905
## 49	0.00000000	0.00000000	0.03389831	0.01785714	0.06060606	0.09523810
## 50	0.00000000	0.00000000	0.03030303	0.06060606	0.10000000	0.10000000
## 51	0.00000000	0.00000000	0.02127660	0.03125000	0.13432836	0.19696970
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.04545455
## 54	0.00000000	0.00000000	0.05000000	0.01724138	0.09230769	0.24489796
## 55	0.00000000	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.01724138	0.05769231	0.30303030	0.31578947
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
##	463	464	465	466	467	468
## 1	0.00000000	0.00000000	0.01639344	0.00000000	0.01694915	0.03174603
## 2	0.00000000	0.02985075	0.07272727	0.02564103	0.10769231	0.07352941
## 3	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.02777778	0.10294118	0.00000000	0.09589041	0.05633803
## 5	0.00000000	0.00000000	0.05454545	0.05813953	0.12121212	0.07575758
## 6	0.00000000	0.00000000	0.07692308	0.08108108	0.09459459	0.06153846
## 7	0.00000000	0.03797468	0.09090909	0.02105263	0.12500000	0.24285714
## 8	0.00000000	0.00000000	0.12121212	0.02500000	0.10666667	0.11666667
## 9	0.00000000	0.02898551	0.06250000	0.02702703	0.07142857	0.24561404
## 10	0.00000000	0.06153846	0.00000000	0.00000000	0.01538462	0.00000000
## 11	0.00000000	0.00000000	0.04838710	0.06329114	0.02941176	0.01538462
## 12	0.00000000	0.01265823	0.23684211	0.10526316	0.18666667	0.08219178
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 14	0.00000000	0.00000000	0.16000000	0.05084746	0.16000000	0.06779661
## 15	0.00000000	0.01162791	0.00000000	0.00000000	0.01408451	0.00000000

## 16	0.00000000	0.00000000	0.03030303	0.25301205	0.02597403	0.01538462
## 17	0.00000000	0.01470588	0.16666667	0.08333333	0.14516129	0.03278689
## 18	0.00000000	0.00000000	0.06557377	0.06172840	0.08450704	0.00000000
## 19	0.00000000	0.02564103	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.02816901	0.00000000	0.01111111	0.00000000	0.01428571
## 21	0.00000000	0.03333333	0.05882353	0.02531646	0.27419355	0.05454545
## 22	0.00000000	0.00000000	0.11764706	0.05194805	0.24242424	0.01694915
## 23	0.00000000	0.01388889	0.28813559	0.07500000	0.33333333	0.12000000
## 24	0.00000000	0.00000000	0.05172414	0.01219512	0.07575758	0.01562500
## 25	0.00000000	0.00000000	0.07142857	0.02325581	0.07246377	0.10769231
## 26	0.00000000	0.00000000	0.00000000	0.07042254	0.01492537	0.03174603
## 27	0.00000000	0.00000000	0.01724138	0.04615385	0.07407407	0.25806452
## 28	0.00000000	0.00000000	0.00000000	0.01219512	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01754386	0.01250000	0.00000000	0.01785714
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.03225806
## 33	0.00000000	0.00000000	0.15873016	0.06250000	0.06849315	0.06779661
## 34	0.00000000	0.00000000	0.01492537	0.01562500	0.14285714	0.01612903
## 35	0.00000000	0.02857143	0.14814815	0.06250000	0.13333333	0.18644068
## 36	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.14925373	0.10810811	0.08333333	0.12121212
## 39	0.00000000	0.00000000	0.17543860	0.04545455	0.22033898	0.15384615
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.08771930	0.04000000	0.28571429	0.13114754
## 42	0.00000000	0.00000000	0.06896552	0.03947368	0.13698630	0.01587302
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.04081633
## 45	0.00000000	0.00000000	0.06060606	0.06493506	0.26760563	0.03076923
## 46	0.00000000	0.01515152	0.11475410	0.06172840	0.19354839	0.12727273
## 47	0.00000000	0.01408451	0.10204082	0.01449275	0.19354839	0.15384615
## 48	0.00000000	0.01923077	0.06666667	0.05063291	0.19047619	0.15625000
## 49	0.00000000	0.00000000	0.02000000	0.01449275	0.07017544	0.03389831
## 50	0.00000000	0.01408451	0.04347826	0.03750000	0.07246377	0.09090909
## 51	0.00000000	0.04411765	0.18032787	0.01449275	0.35937500	0.10447761
## 52	0.00000000	0.00000000	0.00000000	0.02439024	0.00000000	0.00000000
## 53	0.00000000	0.14705882	0.01315789	0.00000000	0.00000000	0.03333333
## 54	0.00000000	0.00000000	0.08620690	0.01515152	0.13333333	0.20000000
## 55	0.00000000	0.00000000	0.01694915	0.04000000	0.01470588	0.03389831
## 56	0.00000000	0.01219512	0.38181818	0.15492958	0.31578947	0.11111111
## 57	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01587302	0.00000000	0.01754386	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.05882353	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	469	470	471	472	473	474
## 1	0.10937500	0.01408451	0.01612903	0.00000000	0.00000000	0.00000000
## 2	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.01470588
## 4	0.01408451	0.00000000	0.00000000	0.00000000	0.012345679	0.00000000
## 5	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.01515152	0.00000000	0.01470588	0.00000000	0.037037037	0.00000000
## 7	0.00000000	0.00000000	0.02702703	0.00000000	0.021276596	0.00000000

## 8	0.00000000	0.00000000	0.01190476	0.00000000	0.011764706	0.00000000
## 9	0.00000000	0.02564103	0.02739726	0.00000000	0.000000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 11	0.01515152	0.00000000	0.01333333	0.00000000	0.037974684	0.00000000
## 12	0.04225352	0.00000000	0.00000000	0.00000000	0.032608696	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 14	0.00000000	0.01388889	0.01562500	0.00000000	0.015384615	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 16	0.00000000	0.01282051	0.00000000	0.00000000	0.013513514	0.00000000
## 17	0.03571429	0.00000000	0.01333333	0.00000000	0.026666667	0.00000000
## 18	0.10000000	0.00000000	0.00000000	0.00000000	0.027397260	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.02531646	0.000000000	0.00000000
## 21	0.01666667	0.02777778	0.02816901	0.00000000	0.027777778	0.00000000
## 22	0.01612903	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 23	0.03030303	0.00000000	0.00000000	0.00000000	0.011904762	0.00000000
## 24	0.01612903	0.00000000	0.00000000	0.00000000	0.112676056	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 26	0.01428571	0.00000000	0.01428571	0.00000000	0.000000000	0.00000000
## 27	0.00000000	0.01428571	0.03125000	0.00000000	0.026315789	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 29	0.00000000	0.01639344	0.00000000	0.00000000	0.000000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 32	0.01666667	0.12328767	0.02816901	0.00000000	0.000000000	0.00000000
## 33	0.03030303	0.00000000	0.01369863	0.00000000	0.021505376	0.00000000
## 34	0.06557377	0.00000000	0.00000000	0.00000000	0.000000000	0.01538462
## 35	0.01754386	0.00000000	0.01449275	0.00000000	0.013698630	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 37	0.00000000	0.01265823	0.00000000	0.00000000	0.000000000	0.00000000
## 38	0.02941176	0.02500000	0.00000000	0.00000000	0.075949367	0.00000000
## 39	0.01538462	0.01333333	0.00000000	0.00000000	0.029411765	0.00000000
## 40	0.00000000	0.01282051	0.01587302	0.00000000	0.014084507	0.01515152
## 41	0.05797101	0.00000000	0.01234568	0.00000000	0.038961039	0.00000000
## 42	0.09230769	0.01162791	0.00000000	0.00000000	0.047619048	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.01282051	0.046511628	0.02857143
## 44	0.08000000	0.14705882	0.04411765	0.00000000	0.000000000	0.00000000
## 45	0.10526316	0.00000000	0.00000000	0.00000000	0.013513514	0.00000000
## 46	0.15000000	0.01408451	0.00000000	0.00000000	0.014492754	0.00000000
## 47	0.01724138	0.00000000	0.01428571	0.00000000	0.013698630	0.00000000
## 48	0.01408451	0.00000000	0.01408451	0.00000000	0.013513514	0.00000000
## 49	0.01785714	0.01369863	0.00000000	0.00000000	0.000000000	0.00000000
## 50	0.01428571	0.00000000	0.00000000	0.00000000	0.013888889	0.00000000
## 51	0.01515152	0.00000000	0.03076923	0.00000000	0.027027027	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01639344	0.141025641	0.02631579
## 53	0.00000000	0.02702703	0.01538462	0.00000000	0.000000000	0.00000000
## 54	0.00000000	0.01818182	0.00000000	0.00000000	0.013157895	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 56	0.01408451	0.00000000	0.00000000	0.00000000	0.060240964	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.114754098	0.01724138
## 59	0.06349206	0.01282051	0.00000000	0.00000000	0.013888889	0.01428571
## 60	0.09375000	0.01470588	0.00000000	0.00000000	0.000000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.01639344	0.034482759	0.12676056

##	475	476	477	478	479	480
## 1	0.03333333	0.00000000	0.05633803	0.01449275	0.00000000	0.14814815
## 2	0.06451613	0.00000000	0.09589041	0.08695652	0.09722222	0.02631579
## 3	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.08695652	0.00000000	0.06493506	0.07058824	0.12048193	0.01098901
## 5	0.06451613	0.00000000	0.15384615	0.12048193	0.05128205	0.03614458
## 6	0.04761905	0.00000000	0.21739130	0.08333333	0.10389610	0.02409639
## 7	0.03750000	0.00000000	0.13333333	0.16049383	0.17948718	0.04444444
## 8	0.04411765	0.00000000	0.06756757	0.14285714	0.06172840	0.05376344
## 9	0.05660377	0.00000000	0.02816901	0.23188406	0.15584416	0.03529412
## 10	0.00000000	0.00000000	0.01538462	0.01515152	0.00000000	0.00000000
## 11	0.01515152	0.00000000	0.07246377	0.01492537	0.04411765	0.00000000
## 12	0.12500000	0.00000000	0.20731707	0.13253012	0.09411765	0.01010101
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.03703704	0.00000000	0.19736842	0.07462687	0.18333333	0.00000000
## 15	0.00000000	0.01298701	0.00000000	0.01204819	0.00000000	0.00000000
## 16	0.02777778	0.00000000	0.05952381	0.10256410	0.05000000	0.02631579
## 17	0.09589041	0.00000000	0.12345679	0.10975610	0.14705882	0.01369863
## 18	0.08196721	0.00000000	0.05555556	0.04545455	0.00000000	0.00000000
## 19	0.01724138	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 21	0.09259259	0.00000000	0.30303030	0.18309859	0.14666667	0.05405405
## 22	0.11940299	0.00000000	0.17391304	0.10606061	0.03846154	0.00000000
## 23	0.11111111	0.00000000	0.32467532	0.14666667	0.22077922	0.01204819
## 24	0.06944444	0.00000000	0.04878049	0.05714286	0.04166667	0.00000000
## 25	0.01754386	0.00000000	0.03896104	0.05128205	0.12500000	0.02439024
## 26	0.00000000	0.00000000	0.03703704	0.01492537	0.04411765	0.01250000
## 27	0.01639344	0.00000000	0.00000000	0.06153846	0.08333333	0.02941176
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01818182	0.00000000	0.00000000	0.02985075	0.04285714	0.01428571
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01149425	0.01369863	0.01265823	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.02469136
## 33	0.04285714	0.00000000	0.06578947	0.07462687	0.06329114	0.00000000
## 34	0.05555556	0.00000000	0.10389610	0.04615385	0.02985075	0.01369863
## 35	0.04918033	0.00000000	0.21212121	0.10606061	0.04687500	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.08433735	0.00000000	0.07692308	0.02325581	0.09722222	0.02500000
## 39	0.03389831	0.00000000	0.17333333	0.15492958	0.11428571	0.00000000
## 40	0.00000000	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000
## 41	0.14035088	0.00000000	0.36486486	0.24242424	0.11940299	0.00000000
## 42	0.08695652	0.00000000	0.17500000	0.06666667	0.04225352	0.01204819
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01785714	0.00000000	0.01587302	0.02564103	0.10294118
## 45	0.24637681	0.00000000	0.20253165	0.13235294	0.05555556	0.00000000
## 46	0.06153846	0.00000000	0.10144928	0.14492754	0.05405405	0.02777778
## 47	0.06451613	0.00000000	0.05479452	0.10344828	0.15873016	0.02898551
## 48	0.07575758	0.00000000	0.22058824	0.20000000	0.10294118	0.00000000
## 49	0.00000000	0.00000000	0.06451613	0.08974359	0.07936508	0.02816901
## 50	0.04411765	0.00000000	0.02898551	0.13414634	0.11111111	0.00000000
## 51	0.11764706	0.00000000	0.36000000	0.21126761	0.14492754	0.01315789
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000

## 54	0.03333333	0.00000000	0.11594203	0.19047619	0.22727273	0.03703704
## 55	0.01639344	0.00000000	0.01470588	0.02941176	0.00000000	0.00000000
## 56	0.05714286	0.00000000	0.29687500	0.18918919	0.19178082	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01724138	0.00000000	0.01587302	0.00000000	0.01408451	0.00000000
## 59	0.00000000	0.00000000	0.01639344	0.02702703	0.01369863	0.01111111
## 60	0.00000000	0.00000000	0.04687500	0.01515152	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
##	481	482	483	484	485	486
## 1	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.09722222	0.04347826	0.00000000	0.00000000
## 3	0.02898551	0.01408451	0.00000000	0.00000000	0.00000000	0.07317073
## 4	0.00000000	0.00000000	0.02702703	0.01886792	0.01538462	0.00000000
## 5	0.00000000	0.00000000	0.09589041	0.01369863	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.06557377	0.01562500	0.00000000	0.00000000
## 7	0.00000000	0.01282051	0.05128205	0.00000000	0.01250000	0.00000000
## 8	0.00000000	0.00000000	0.05633803	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01538462	0.05405405	0.11290323	0.00000000	0.00000000
## 12	0.00000000	0.01315789	0.10843373	0.02352941	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.03529412
## 14	0.00000000	0.00000000	0.05357143	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.06756757	0.00000000	0.03125000	0.00000000
## 17	0.00000000	0.01515152	0.15151515	0.01470588	0.00000000	0.00000000
## 18	0.00000000	0.02941176	0.07042254	0.02739726	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103
## 20	0.02816901	0.01176471	0.00000000	0.00000000	0.00000000	0.01492537
## 21	0.01449275	0.00000000	0.05714286	0.03174603	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.09523810	0.00000000	0.00000000	0.00000000
## 24	0.01298701	0.00000000	0.05000000	0.01612903	0.03333333	0.00000000
## 25	0.00000000	0.01612903	0.04285714	0.01388889	0.01428571	0.00000000
## 26	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01333333	0.02777778	0.16000000	0.00000000
## 29	0.01428571	0.13636364	0.11428571	0.03174603	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.03030303	0.02777778	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.06172840	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.09677419	0.01315789	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.09859155	0.01250000	0.00000000	0.00000000
## 39	0.00000000	0.01351351	0.04615385	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.09677419	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.01470588	0.08571429	0.00000000	0.03174603	0.00000000
## 43	0.08064516	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 44	0.00000000	0.03076923	0.03448276	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.03125000	0.06451613	0.00000000	0.00000000	0.00000000

## 46	0.00000000	0.00000000	0.10606061	0.01515152	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.05555556	0.01470588	0.01639344	0.00000000
## 48	0.00000000	0.00000000	0.06153846	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.03030303	0.10294118	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.17647059	0.01449275	0.00000000	0.00000000
## 51	0.00000000	0.01388889	0.05084746	0.00000000	0.00000000	0.00000000
## 52	0.07228916	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.01612903	0.11290323	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 56	0.00000000	0.05084746	0.05882353	0.01428571	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.05660377	0.00000000
## 59	0.00000000	0.02597403	0.01612903	0.00000000	0.01612903	0.00000000
## 60	0.00000000	0.01538462	0.01785714	0.00000000	0.00000000	0.00000000
## 61	0.07936508	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
##	487	488	489	490	491	492
## 1	0.00000000	0.01515152	0.05172414	0.00000000	0.00000000	0.00000000
## 2	0.07042254	0.00000000	0.18750000	0.00000000	0.00000000	0.09589041
## 3	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 4	0.00000000	0.01587302	0.08333333	0.00000000	0.00000000	0.05970149
## 5	0.00000000	0.00000000	0.08955224	0.00000000	0.00000000	0.06976744
## 6	0.03389831	0.00000000	0.04761905	0.00000000	0.00000000	0.10958904
## 7	0.13483146	0.01351351	0.16000000	0.00000000	0.00000000	0.06172840
## 8	0.06493506	0.00000000	0.06000000	0.00000000	0.02380952	0.06172840
## 9	0.04477612	0.00000000	0.08771930	0.00000000	0.00000000	0.01538462
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.01388889
## 11	0.03658537	0.01428571	0.05000000	0.00000000	0.00000000	0.05633803
## 12	0.01234568	0.00000000	0.16666667	0.00000000	0.00000000	0.23529412
## 13	0.01515152	0.00000000	0.01612903	0.04761905	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.10714286	0.00000000	0.00000000	0.13559322
## 15	0.00000000	0.00000000	0.01587302	0.00000000	0.01204819	0.00000000
## 16	0.02941176	0.00000000	0.08064516	0.00000000	0.01369863	0.09230769
## 17	0.04285714	0.00000000	0.09090909	0.00000000	0.00000000	0.20338983
## 18	0.06451613	0.00000000	0.07017544	0.00000000	0.00000000	0.07936508
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000
## 20	0.00000000	0.01250000	0.00000000	0.02777778	0.00000000	0.00000000
## 21	0.08333333	0.00000000	0.17241379	0.00000000	0.00000000	0.21428571
## 22	0.12121212	0.00000000	0.13846154	0.00000000	0.00000000	0.02816901
## 23	0.08974359	0.00000000	0.17391304	0.00000000	0.00000000	0.18309859
## 24	0.01408451	0.00000000	0.11111111	0.00000000	0.00000000	0.05633803
## 25	0.01449275	0.00000000	0.03333333	0.00000000	0.01428571	0.07692308
## 26	0.01492537	0.01785714	0.03921569	0.00000000	0.00000000	0.02631579
## 27	0.04687500	0.01612903	0.01754386	0.00000000	0.00000000	0.11864407
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.04054054	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01587302	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 33	0.01351351	0.00000000	0.04838710	0.00000000	0.00000000	0.18421053
## 34	0.01333333	0.00000000	0.11666667	0.00000000	0.00000000	0.01639344
## 35	0.05797101	0.00000000	0.07272727	0.00000000	0.00000000	0.16666667
## 36	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 38	0.04225352	0.00000000	0.06349206	0.00000000	0.00000000	0.11538462
## 39	0.03947368	0.00000000	0.15625000	0.00000000	0.00000000	0.15492958
## 40	0.00000000	0.00000000	0.01428571	0.01369863	0.00000000	0.00000000
## 41	0.07317073	0.00000000	0.19047619	0.00000000	0.00000000	0.15492958
## 42	0.04878049	0.00000000	0.10606061	0.00000000	0.00000000	0.09589041
## 43	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 44	0.01639344	0.00000000	0.00000000	0.00000000	0.01694915	0.01315789
## 45	0.06944444	0.00000000	0.18032787	0.00000000	0.00000000	0.11428571
## 46	0.03174603	0.00000000	0.17307692	0.00000000	0.00000000	0.12500000
## 47	0.03389831	0.01666667	0.21875000	0.00000000	0.03174603	0.13207547
## 48	0.21739130	0.00000000	0.25000000	0.00000000	0.00000000	0.07575758
## 49	0.00000000	0.00000000	0.08333333	0.00000000	0.00000000	0.03278689
## 50	0.08695652	0.00000000	0.20312500	0.00000000	0.00000000	0.04166667
## 51	0.12068966	0.00000000	0.14285714	0.00000000	0.00000000	0.12068966
## 52	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.02941176	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 54	0.10000000	0.00000000	0.17543860	0.00000000	0.00000000	0.07462687
## 55	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.03225806
## 56	0.04938272	0.00000000	0.19298246	0.00000000	0.00000000	0.20000000
## 57	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.05970149	0.00000000	0.01754386	0.00000000	0.03278689	0.00000000
## 59	0.03076923	0.00000000	0.01612903	0.00000000	0.04347826	0.00000000
## 60	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.02702703
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	493	494	495	496	497	498
## 1	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000	0.012987013
## 2	0.00000000	0.04411765	0.02898551	0.02777778	0.01492537	0.025974026
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 4	0.00000000	0.05970149	0.01587302	0.00000000	0.01298701	0.024691358
## 5	0.00000000	0.02857143	0.06756757	0.01538462	0.02739726	0.010752688
## 6	0.00000000	0.04225352	0.01298701	0.00000000	0.02739726	0.000000000
## 7	0.00000000	0.12500000	0.02857143	0.00000000	0.08433735	0.021739130
## 8	0.00000000	0.20000000	0.01265823	0.00000000	0.02500000	0.009708738
## 9	0.00000000	0.14285714	0.09523810	0.00000000	0.07462687	0.038461538
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.012500000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.09589041	0.000000000
## 12	0.00000000	0.08860759	0.07352941	0.02631579	0.02702703	0.021505376
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 14	0.00000000	0.04918033	0.02000000	0.00000000	0.00000000	0.031746032
## 15	0.01333333	0.01298701	0.00000000	0.00000000	0.00000000	0.011235955
## 16	0.00000000	0.05555556	0.00000000	0.00000000	0.01315789	0.000000000
## 17	0.00000000	0.06451613	0.03174603	0.02857143	0.06578947	0.000000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.000000000
## 19	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.024096386
## 20	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.025000000
## 21	0.00000000	0.13559322	0.01538462	0.03773585	0.05797101	0.050632911
## 22	0.00000000	0.04411765	0.03703704	0.00000000	0.04054054	0.000000000
## 23	0.00000000	0.08571429	0.05797101	0.02666667	0.03174603	0.035714286
## 24	0.00000000	0.02816901	0.02985075	0.00000000	0.01449275	0.000000000
## 25	0.00000000	0.04285714	0.03030303	0.00000000	0.01298701	0.010204082
## 26	0.01470588	0.00000000	0.00000000	0.00000000	0.01449275	0.000000000
## 27	0.00000000	0.12727273	0.07407407	0.00000000	0.02898551	0.028169014
## 28	0.00000000	0.00000000	0.00000000	0.07594937	0.01219512	0.000000000
## 29	0.00000000	0.05633803	0.03030303	0.00000000	0.01562500	0.011627907



## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01492537	0.01694915	0.00000000	0.01408451	0.012048193
## 32	0.01785714	0.02898551	0.01724138	0.00000000	0.00000000	0.025641026
## 33	0.00000000	0.04545455	0.02898551	0.00000000	0.01219512	0.012048193
## 34	0.00000000	0.01694915	0.01724138	0.07462687	0.01351351	0.000000000
## 35	0.00000000	0.07462687	0.03636364	0.00000000	0.03636364	0.037974684
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 37	0.03508772	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 38	0.00000000	0.09411765	0.01369863	0.01694915	0.01136364	0.022727273
## 39	0.00000000	0.17187500	0.05555556	0.01562500	0.03703704	0.012345679
## 40	0.00000000	0.01492537	0.02857143	0.00000000	0.00000000	0.000000000
## 41	0.00000000	0.04615385	0.01515152	0.01515152	0.01298701	0.012658228
## 42	0.00000000	0.04285714	0.01351351	0.02666667	0.01351351	0.000000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 44	0.01923077	0.01785714	0.01666667	0.01886792	0.01538462	0.000000000
## 45	0.00000000	0.00000000	0.00000000	0.02564103	0.05063291	0.000000000
## 46	0.00000000	0.03076923	0.01562500	0.00000000	0.01298701	0.000000000
## 47	0.00000000	0.10769231	0.05172414	0.00000000	0.03333333	0.026315789
## 48	0.00000000	0.20833333	0.04285714	0.01515152	0.10144928	0.012195122
## 49	0.00000000	0.07352941	0.04545455	0.01666667	0.04918033	0.000000000
## 50	0.00000000	0.05555556	0.02739726	0.05797101	0.02857143	0.021978022
## 51	0.00000000	0.10769231	0.06557377	0.00000000	0.06060606	0.025316456
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 53	0.01562500	0.07246377	0.01234568	0.00000000	0.00000000	0.090909091
## 54	0.00000000	0.14516129	0.10447761	0.02941176	0.02985075	0.024691358
## 55	0.00000000	0.01515152	0.01538462	0.00000000	0.00000000	0.013888889
## 56	0.00000000	0.08823529	0.03636364	0.00000000	0.05479452	0.000000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.013157895
## 58	0.00000000	0.01587302	0.00000000	0.01612903	0.00000000	0.000000000
## 59	0.00000000	0.00000000	0.01538462	0.01408451	0.00000000	0.000000000
## 60	0.00000000	0.00000000	0.00000000	0.08695652	0.00000000	0.000000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
##	499	500	501	502	503	504
## 1	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.000000000
## 2	0.00000000	0.00000000	0.00000000	0.06250000	0.09230769	0.000000000
## 3	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.06578947
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.000000000
## 5	0.00000000	0.00000000	0.09230769	0.01492537	0.03389831	0.000000000
## 6	0.00000000	0.00000000	0.05970149	0.00000000	0.07142857	0.000000000
## 7	0.00000000	0.00000000	0.02439024	0.01449275	0.15584416	0.000000000
## 8	0.00000000	0.00000000	0.01265823	0.01351351	0.11594203	0.000000000
## 9	0.00000000	0.00000000	0.01515152	0.04687500	0.08196721	0.000000000
## 10	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 11	0.00000000	0.00000000	0.01538462	0.01666667	0.00000000	0.000000000
## 12	0.00000000	0.00000000	0.02941176	0.02985075	0.03076923	0.000000000
## 13	0.01666667	0.00000000	0.00000000	0.00000000	0.01639344	0.000000000
## 14	0.00000000	0.00000000	0.11111111	0.01923077	0.01785714	0.000000000
## 15	0.01562500	0.00000000	0.00000000	0.01369863	0.00000000	0.000000000
## 16	0.00000000	0.02985075	0.01562500	0.07936508	0.01724138	0.000000000
## 17	0.00000000	0.00000000	0.03508772	0.00000000	0.04285714	0.000000000
## 18	0.00000000	0.00000000	0.07936508	0.00000000	0.00000000	0.000000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 20	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000	0.000000000
## 21	0.00000000	0.00000000	0.03225806	0.11666667	0.14285714	0.000000000

## 22	0.00000000	0.00000000	0.02816901	0.00000000	0.03174603	0.00000000
## 23	0.00000000	0.00000000	0.05333333	0.00000000	0.04838710	0.00000000
## 24	0.00000000	0.07575758	0.00000000	0.00000000	0.01369863	0.00000000
## 25	0.00000000	0.00000000	0.03846154	0.01408451	0.02985075	0.00000000
## 26	0.00000000	0.01470588	0.01612903	0.04166667	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01515152	0.05000000	0.03030303	0.00000000
## 28	0.03125000	0.00000000	0.01190476	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01351351	0.00000000	0.04687500	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 33	0.00000000	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.07692308	0.01612903	0.01666667	0.00000000
## 35	0.00000000	0.00000000	0.01694915	0.00000000	0.05357143	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.07407407	0.01449275	0.04545455	0.00000000
## 39	0.00000000	0.00000000	0.04687500	0.08474576	0.04545455	0.00000000
## 40	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.05882353	0.01562500	0.11111111	0.00000000
## 42	0.00000000	0.00000000	0.10447761	0.03389831	0.07042254	0.00000000
## 43	0.00000000	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.03174603	0.02631579	0.06666667	0.00000000
## 46	0.00000000	0.00000000	0.01612903	0.01694915	0.03030303	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.01694915	0.03389831	0.00000000
## 48	0.00000000	0.00000000	0.03389831	0.05479452	0.16129032	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.01923077	0.05172414	0.00000000
## 50	0.00000000	0.00000000	0.04615385	0.00000000	0.03174603	0.00000000
## 51	0.00000000	0.00000000	0.03076923	0.00000000	0.12068966	0.00000000
## 52	0.00000000	0.05000000	0.00000000	0.00000000	0.00000000	0.04000000
## 53	0.01449275	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 54	0.00000000	0.00000000	0.06250000	0.01666667	0.06000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.09677419	0.00000000	0.01470588
## 56	0.00000000	0.00000000	0.03076923	0.01694915	0.05000000	0.00000000
## 57	0.05882353	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.03333333	0.03389831	0.01388889
## 59	0.00000000	0.00000000	0.08823529	0.01587302	0.03225806	0.00000000
## 60	0.00000000	0.00000000	0.09523810	0.00000000	0.01785714	0.00000000
## 61	0.00000000	0.02500000	0.00000000	0.00000000	0.00000000	0.01515152
##	505	506	507	508	509	510
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.05172414
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333	0.06000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.21428571
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.10958904
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.07042254	0.14062500
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.08064516
## 9	0.00000000	0.03278689	0.00000000	0.00000000	0.14516129	0.10344828
## 10	0.00000000	0.06896552	0.01639344	0.00000000	0.01923077	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05172414
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.30303030
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.03636364	0.17241379
## 15	0.00000000	0.04166667	0.00000000	0.00000000	0.00000000	0.01492537
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909
## 17	0.00000000	0.01449275	0.00000000	0.00000000	0.01666667	0.18644068
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09523810
## 19	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01234568	0.00000000	0.00000000	0.02985075	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.17543860
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.20312500
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.26153846
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.14035088
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746	0.03278689
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909	0.06000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386
## 30	0.00000000	0.11864407	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.03174603	0.00000000	0.00000000	0.01538462	0.00000000
## 32	0.03030303	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10169492
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09615385
## 35	0.00000000	0.01449275	0.00000000	0.00000000	0.04081633	0.14000000
## 36	0.00000000	0.00000000	0.02941176	0.05882353	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.15000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.03508772	0.25806452
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.26153846
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710	0.12962963
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.24193548
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000	0.21666667
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.03846154	0.21428571
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.03846154	0.13725490
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05769231
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.13432836
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792	0.22000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.10000000	0.00000000	0.00000000	0.02857143	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.08620690	0.20000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.03636364	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.30434783
## 57	0.00000000	0.01639344	0.01219512	0.00000000	0.01492537	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 59	0.01470588	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.02222222	0.01785714
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	511	512	513	514	515	516
## 1	0.00000000	0.05172414	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.10909091	0.12903226	0.00000000	0.04761905	0.00000000
## 3	0.02985075	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000
## 4	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.08064516	0.04109589	0.00000000	0.00000000	0.00000000

## 6	0.00000000	0.01886792	0.01369863	0.00000000	0.02739726	0.00000000
## 7	0.00000000	0.17721519	0.05882353	0.00000000	0.04651163	0.00000000
## 8	0.00000000	0.19402985	0.01282051	0.00000000	0.00000000	0.00000000
## 9	0.01388889	0.16666667	0.01639344	0.00000000	0.04761905	0.00000000
## 10	0.00000000	0.01694915	0.00000000	0.00000000	0.03030303	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.07692308	0.02597403	0.00000000	0.01250000	0.00000000
## 13	0.00000000	0.01515152	0.00000000	0.06756757	0.00000000	0.00000000
## 14	0.00000000	0.03174603	0.01694915	0.00000000	0.01562500	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.02597403	0.02597403	0.00000000
## 16	0.00000000	0.06557377	0.02898551	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.06779661	0.00000000	0.00000000	0.01515152	0.00000000
## 18	0.00000000	0.03389831	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.02941176	0.00000000	0.01515152	0.00000000
## 20	0.04054054	0.00000000	0.00000000	0.01315789	0.01234568	0.00000000
## 21	0.00000000	0.19672131	0.04545455	0.00000000	0.05633803	0.00000000
## 22	0.00000000	0.04918033	0.03389831	0.00000000	0.01562500	0.00000000
## 23	0.00000000	0.12903226	0.02469136	0.00000000	0.01408451	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 25	0.00000000	0.04477612	0.01204819	0.00000000	0.02531646	0.00000000
## 26	0.00000000	0.03508772	0.00000000	0.00000000	0.01639344	0.00000000
## 27	0.00000000	0.12962963	0.00000000	0.00000000	0.05970149	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.02985075	0.03030303	0.00000000	0.02702703	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 31	0.00000000	0.03225806	0.01515152	0.00000000	0.01449275	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01562500	0.05633803	0.00000000
## 33	0.00000000	0.04347826	0.03076923	0.00000000	0.03174603	0.00000000
## 34	0.00000000	0.06896552	0.03225806	0.00000000	0.01694915	0.00000000
## 35	0.00000000	0.16666667	0.00000000	0.00000000	0.01639344	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303
## 38	0.00000000	0.04761905	0.01408451	0.00000000	0.03030303	0.00000000
## 39	0.00000000	0.09523810	0.01694915	0.00000000	0.01428571	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.16417910	0.07352941	0.00000000	0.02666667	0.00000000
## 42	0.00000000	0.05970149	0.04411765	0.00000000	0.04109589	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.09677419	0.01470588	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.04000000	0.00000000	0.00000000	0.01694915	0.00000000
## 47	0.00000000	0.03846154	0.04918033	0.00000000	0.04761905	0.00000000
## 48	0.00000000	0.13793103	0.04545455	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.01612903	0.01408451	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.07692308	0.04477612	0.00000000	0.03030303	0.00000000
## 51	0.00000000	0.12903226	0.01587302	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.04411765	0.09722222	0.00000000	0.05970149	0.01492537
## 54	0.00000000	0.07692308	0.05769231	0.00000000	0.05263158	0.00000000
## 55	0.00000000	0.03225806	0.00000000	0.00000000	0.01538462	0.00000000
## 56	0.00000000	0.05454545	0.04109589	0.00000000	0.01639344	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.01538462
## 58	0.00000000	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01666667	0.02898551	0.00000000	0.00000000	0.00000000

## 60	0.00000000	0.03030303	0.01666667	0.01492537	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	517	518	519	520	521	522
## 1	0.05000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 2	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.07936508
## 3	0.00000000	0.01369863	0.03076923	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.12121212
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.12328767
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.20967742
## 7	0.01176471	0.00000000	0.00000000	0.00000000	0.00000000	0.10000000
## 8	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 9	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 10	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04347826
## 12	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.15000000
## 13	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.18181818
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.01639344
## 17	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.15789474
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303
## 19	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01282051	0.01562500	0.00000000	0.01408451	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.20338983
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.11864407
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.37878788
## 24	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746
## 26	0.00000000	0.00000000	0.01923077	0.00000000	0.00000000	0.01562500
## 27	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606
## 28	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01408451	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10526316
## 34	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.04687500
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.14285714
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.32142857
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.18367347
## 40	0.05405405	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.17857143
## 42	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.13207547
## 43	0.01265823	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.20000000
## 46	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.13114754
## 47	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.11764706
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.14545455
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333
## 50	0.00000000	0.00000000	0.01851852	0.00000000	0.00000000	0.06666667
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.28787879

## 52	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07547170
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.27692308
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01538462	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	523	524	525	526	527	528
## 1	0.02631579	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 2	0.16176471	0.03278689	0.01470588	0.00000000	0.02857143	0.05405405
## 3	0.00000000	0.00000000	0.07142857	0.01369863	0.00000000	0.00000000
## 4	0.05263158	0.01639344	0.00000000	0.00000000	0.06578947	0.01388889
## 5	0.11764706	0.00000000	0.00000000	0.01470588	0.04000000	0.04285714
## 6	0.11842105	0.00000000	0.00000000	0.00000000	0.15277778	0.04411765
## 7	0.28048780	0.00000000	0.00000000	0.00000000	0.11235955	0.12500000
## 8	0.10666667	0.00000000	0.00000000	0.00000000	0.05063291	0.07894737
## 9	0.10606061	0.02985075	0.00000000	0.00000000	0.14705882	0.06849315
## 10	0.00000000	0.07936508	0.00000000	0.00000000	0.00000000	0.01282051
## 11	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.19753086	0.00000000	0.00000000	0.00000000	0.09523810	0.04054054
## 13	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.24193548	0.00000000	0.00000000	0.00000000	0.05357143	0.01694915
## 15	0.00000000	0.08536585	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.08955224	0.01562500	0.00000000	0.01388889	0.01388889	0.01315789
## 17	0.12328767	0.00000000	0.00000000	0.00000000	0.10937500	0.07142857
## 18	0.06944444	0.00000000	0.00000000	0.00000000	0.01754386	0.01515152
## 19	0.00000000	0.02985075	0.01369863	0.00000000	0.00000000	0.01315789
## 20	0.01333333	0.00000000	0.00000000	0.00000000	0.01428571	0.01388889
## 21	0.31428571	0.00000000	0.00000000	0.00000000	0.07462687	0.08695652
## 22	0.07352941	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.22580645	0.01369863	0.00000000	0.00000000	0.13043478	0.03846154
## 24	0.05797101	0.00000000	0.00000000	0.00000000	0.01315789	0.01562500
## 25	0.02941176	0.00000000	0.00000000	0.00000000	0.01315789	0.02739726
## 26	0.05405405	0.00000000	0.00000000	0.01612903	0.01562500	0.00000000
## 27	0.05263158	0.00000000	0.00000000	0.00000000	0.03448276	0.04347826
## 28	0.00000000	0.00000000	0.00000000	0.06578947	0.00000000	0.00000000
## 29	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000	0.01587302
## 30	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.01538462
## 31	0.01639344	0.04411765	0.00000000	0.00000000	0.00000000	0.01470588
## 32	0.00000000	0.04166667	0.00000000	0.00000000	0.00000000	0.01388889
## 33	0.05633803	0.00000000	0.00000000	0.00000000	0.01333333	0.01298701
## 34	0.13333333	0.00000000	0.00000000	0.00000000	0.05797101	0.00000000
## 35	0.14705882	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 36	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.14062500	0.00000000	0.00000000	0.00000000	0.10666667	0.01315789
## 39	0.16666667	0.00000000	0.00000000	0.00000000	0.10000000	0.01538462
## 40	0.01388889	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 41	0.30000000	0.00000000	0.00000000	0.00000000	0.06849315	0.01639344
## 42	0.16949153	0.01492537	0.00000000	0.00000000	0.04477612	0.11594203
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 45	0.24193548	0.00000000	0.00000000	0.00000000	0.01694915	0.01470588
## 46	0.22727273	0.00000000	0.00000000	0.00000000	0.04411765	0.02816901
## 47	0.08474576	0.00000000	0.00000000	0.00000000	0.08974359	0.01724138
## 48	0.08450704	0.00000000	0.00000000	0.00000000	0.06557377	0.03225806
## 49	0.14705882	0.01515152	0.00000000	0.00000000	0.02941176	0.03174603
## 50	0.13750000	0.01388889	0.00000000	0.01492537	0.03076923	0.00000000
## 51	0.19696970	0.00000000	0.00000000	0.00000000	0.09722222	0.07462687
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.02857143	0.01351351	0.00000000	0.00000000	0.02631579	0.00000000
## 54	0.16949153	0.00000000	0.00000000	0.01515152	0.08620690	0.12307692
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 56	0.16393443	0.00000000	0.00000000	0.00000000	0.15068493	0.01449275
## 57	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.01408451
## 58	0.01538462	0.00000000	0.03174603	0.00000000	0.01515152	0.01612903
## 59	0.00000000	0.01492537	0.00000000	0.00000000	0.01492537	0.00000000
## 60	0.04615385	0.00000000	0.00000000	0.01666667	0.01515152	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	529	530	531	532	533	534
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000
## 3	0.04687500	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 4	0.00000000	0.01515152	0.00000000	0.01388889	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.02564103	0.01250000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 9	0.00000000	0.03076923	0.00000000	0.04918033	0.00000000	0.00000000
## 10	0.00000000	0.07692308	0.00000000	0.10344828	0.00000000	0.01724138
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.06578947	0.00000000	0.04878049	0.00000000	0.01176471
## 16	0.00000000	0.00000000	0.01333333	0.01612903	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901	0.00000000
## 20	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 21	0.00000000	0.00000000	0.00000000	0.02702703	0.01449275	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.01470588	0.00000000	0.01388889	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.07272727	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.06060606	0.01492537	0.01470588	0.00000000	0.00000000
## 31	0.00000000	0.13698630	0.00000000	0.06849315	0.00000000	0.00000000
## 32	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.01428571	0.01449275	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000

## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.02898551	0.01333333	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 40	0.01449275	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 43	0.02816901	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.01612903	0.03030303	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 53	0.00000000	0.08750000	0.00000000	0.10256410	0.00000000	0.01428571
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.02898551
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 57	0.00000000	0.04225352	0.01449275	0.01282051	0.00000000	0.01388889
## 58	0.01639344	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.01587302
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
##	535	536	537	538	539	540
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803	0.00000000
## 2	0.00000000	0.01666667	0.01639344	0.00000000	0.04109589	0.01388889
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612	0.01282051
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.10769231	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.14084507	0.00000000
## 7	0.00000000	0.01234568	0.01333333	0.00000000	0.09876543	0.01149425
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 9	0.01250000	0.01612903	0.00000000	0.00000000	0.05797101	0.03030303
## 10	0.00000000	0.06944444	0.00000000	0.00000000	0.00000000	0.01333333
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.08000000	0.02272727
## 12	0.00000000	0.01369863	0.00000000	0.00000000	0.19480519	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.13846154	0.00000000
## 15	0.00000000	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.14864865	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.07462687	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.01538462	0.00000000	0.10769231	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.10389610	0.01538462
## 23	0.00000000	0.01612903	0.00000000	0.00000000	0.25316456	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.07462687	0.00000000	0.05633803	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.01639344



## 28	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.01123596
## 29	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.06896552	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.05970149	0.00000000	0.00000000	0.01282051	0.03846154
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.07692308	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.10447761	0.00000000
## 35	0.00000000	0.01587302	0.00000000	0.00000000	0.08955224	0.01694915
## 36	0.01666667	0.00000000	0.01515152	0.00000000	0.00000000	0.01492537
## 37	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.15116279	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.15277778	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.18421053	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.08108108	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01538462	0.00000000	0.01724138	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.14814815	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.31818182	0.00000000
## 47	0.00000000	0.00000000	0.01923077	0.00000000	0.16438356	0.01515152
## 48	0.00000000	0.01538462	0.03174603	0.00000000	0.10000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.11111111	0.00000000
## 50	0.00000000	0.00000000	0.01388889	0.00000000	0.07692308	0.00000000
## 51	0.00000000	0.01538462	0.00000000	0.00000000	0.16901408	0.00000000
## 52	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.09859155	0.00000000	0.00000000	0.00000000	0.03797468
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.10714286	0.00000000
## 55	0.00000000	0.00000000	0.01351351	0.00000000	0.01351351	0.00000000
## 56	0.00000000	0.01639344	0.00000000	0.00000000	0.26086957	0.00000000
## 57	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.01315789
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.05882353	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	541	542	543	544	545	546
## 1	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 2	0.01470588	0.00000000	0.00000000	0.05797101	0.00000000	0.00000000
## 3	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01282051	0.00000000	0.00000000	0.04347826	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.02857143	0.09090909	0.00000000	0.00000000
## 6	0.01388889	0.00000000	0.02941176	0.02631579	0.00000000	0.00000000
## 7	0.10416667	0.00000000	0.00000000	0.07058824	0.00000000	0.00000000
## 8	0.02352941	0.00000000	0.01388889	0.03529412	0.00000000	0.00000000
## 9	0.02439024	0.00000000	0.01470588	0.01639344	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.12500000	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000
## 12	0.04494382	0.00000000	0.00000000	0.09638554	0.00000000	0.00000000
## 13	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.01639344
## 14	0.00000000	0.00000000	0.00000000	0.08064516	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01388889	0.00000000	0.00000000	0.05128205	0.00000000	0.00000000
## 17	0.02857143	0.00000000	0.01562500	0.07246377	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000
## 19	0.00000000	0.05063291	0.06153846	0.00000000	0.00000000	0.00000000

## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.01587302
## 21	0.06410256	0.00000000	0.00000000	0.08108108	0.00000000	0.00000000
## 22	0.02985075	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 23	0.02739726	0.00000000	0.03076923	0.10666667	0.00000000	0.00000000
## 24	0.01428571	0.00000000	0.07142857	0.04477612	0.00000000	0.00000000
## 25	0.01234568	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.01587302	0.02777778	0.00000000	0.00000000
## 27	0.02857143	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000
## 28	0.01250000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 29	0.04225352	0.00000000	0.01612903	0.01408451	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.03703704	0.00000000	0.01666667	0.05194805	0.00000000	0.00000000
## 34	0.02597403	0.00000000	0.07936508	0.05970149	0.00000000	0.00000000
## 35	0.01538462	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 38	0.02500000	0.00000000	0.00000000	0.07317073	0.00000000	0.00000000
## 39	0.01694915	0.00000000	0.00000000	0.11940299	0.00000000	0.00000000
## 40	0.00000000	0.03846154	0.01282051	0.01298701	0.00000000	0.00000000
## 41	0.05128205	0.00000000	0.01492537	0.10144928	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.12000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403
## 44	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 45	0.01282051	0.00000000	0.01562500	0.11267606	0.00000000	0.00000000
## 46	0.04615385	0.00000000	0.00000000	0.04838710	0.00000000	0.00000000
## 47	0.05970149	0.00000000	0.01587302	0.12307692	0.00000000	0.00000000
## 48	0.07142857	0.00000000	0.00000000	0.08450704	0.00000000	0.00000000
## 49	0.05797101	0.00000000	0.03508772	0.02941176	0.00000000	0.00000000
## 50	0.03846154	0.00000000	0.02985075	0.10810811	0.00000000	0.00000000
## 51	0.01351351	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.01315789	0.01351351	0.00000000	0.00000000	0.00000000
## 53	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.02941176	0.00000000	0.00000000	0.23333333	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.02469136	0.00000000	0.03225806	0.10606061	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.25757576	0.00000000	0.00000000	0.00000000
## 59	0.01587302	0.00000000	0.01754386	0.01369863	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.01470588
##	547	548	549	550	551	552
## 1	0.00000000	0.01666667	0.00000000	0.01515152	0.00000000	0.00000000
## 2	0.00000000	0.03030303	0.01315789	0.00000000	0.01538462	0.00000000
## 3	0.02941176	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000
## 4	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.01538462	0.00000000	0.01492537	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.03030303	0.02739726	0.01515152	0.01298701	0.00000000
## 10	0.00000000	0.00000000	0.01388889	0.00000000	0.03125000	0.00000000
## 11	0.00000000	0.00000000	0.01428571	0.00000000	0.02857143	0.00000000

## 12	0.00000000	0.01351351	0.03448276	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000
## 14	0.00000000	0.02083333	0.03125000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403	0.01428571
## 16	0.00000000	0.01694915	0.01428571	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 18	0.00000000	0.00000000	0.07575758	0.04838710	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.05128205	0.00000000	0.01428571	0.01612903
## 20	0.00000000	0.00000000	0.01315789	0.00000000	0.01562500	0.03174603
## 21	0.00000000	0.01538462	0.04761905	0.01538462	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.01724138	0.01234568	0.00000000	0.01204819	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000
## 28	0.04054054	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.03571429	0.03174603	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 32	0.00000000	0.04761905	0.01562500	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01515152	0.02702703	0.01515152	0.00000000	0.00000000
## 34	0.00000000	0.02000000	0.07246377	0.03278689	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.06557377	0.00000000	0.01694915	0.00000000
## 36	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01694915	0.00000000	0.01492537	0.00000000	0.01754386
## 38	0.00000000	0.01666667	0.03797468	0.00000000	0.00000000	0.00000000
## 39	0.01369863	0.01666667	0.01333333	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.03225806	0.00000000	0.02857143	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.04000000	0.00000000	0.01562500	0.00000000
## 42	0.00000000	0.01515152	0.01388889	0.01265823	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.18644068	0.01470588	0.09836066	0.00000000	0.00000000
## 45	0.00000000	0.01612903	0.05882353	0.07017544	0.00000000	0.00000000
## 46	0.00000000	0.01666667	0.01470588	0.03921569	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.01587302	0.00000000	0.01724138	0.00000000
## 48	0.00000000	0.00000000	0.04838710	0.00000000	0.01886792	0.00000000
## 49	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.01562500	0.04166667	0.01515152	0.00000000	0.00000000
## 51	0.00000000	0.01785714	0.04166667	0.03278689	0.00000000	0.00000000
## 52	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01515152	0.00000000	0.00000000	0.05263158	0.00000000
## 54	0.00000000	0.01694915	0.03846154	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.05970149	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.04545455
## 58	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01754386	0.00000000	0.01449275	0.01408451	0.00000000	0.00000000
## 60	0.01851852	0.00000000	0.04477612	0.05454545	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	553	554	555	556	557	558
## 1	0.01369863	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.03947368	0.04225352	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 4	0.00000000	0.03846154	0.04054054	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.04819277	0.02702703	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.01369863	0.02898551	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.09756098	0.09589041	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.14084507	0.01234568	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.26865672	0.09459459	0.01388889	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000	0.00000000
## 11	0.00000000	0.03703704	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.02247191	0.04761905	0.00000000	0.00000000	0.00000000
## 13	0.01587302	0.00000000	0.01333333	0.00000000	0.01388889	0.00000000
## 14	0.00000000	0.03571429	0.01886792	0.00000000	0.00000000	0.00000000
## 15	0.03947368	0.02247191	0.00000000	0.06172840	0.00000000	0.00000000
## 16	0.00000000	0.06329114	0.06410256	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.07352941	0.04411765	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.03076923	0.01449275	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 21	0.00000000	0.13235294	0.06060606	0.01333333	0.00000000	0.00000000
## 22	0.00000000	0.06153846	0.01388889	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.01408451	0.05970149	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.03896104	0.05555556	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.07812500	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.19402985	0.07692308	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.01333333	0.00000000	0.01282051	0.00000000	0.00000000
## 29	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.07792208	0.00000000	0.00000000
## 31	0.03896104	0.00000000	0.00000000	0.12987013	0.00000000	0.00000000
## 32	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.16071429	0.07042254	0.01515152	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.03030303
## 37	0.02941176	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.07500000	0.04225352	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.02597403	0.08333333	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.08219178	0.02597403	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.10666667	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01492537	0.03278689	0.01428571	0.02857143	0.00000000	0.00000000
## 45	0.00000000	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.01388889	0.01449275	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.15789474	0.08333333	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.02500000	0.02985075	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.04054054	0.04347826	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.10606061	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01538462	0.00000000	0.00000000	0.13636364	0.01369863	0.00000000
## 54	0.01449275	0.04545455	0.04615385	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.03225806	0.01470588	0.00000000	0.00000000
## 56	0.00000000	0.01333333	0.03333333	0.00000000	0.00000000	0.00000000
## 57	0.01282051	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000

## 58	0.00000000	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.01754386	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
##	559	560	561	562	563	564
## 1	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000	0.05555556
## 2	0.06329114	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.01818182	0.05063291	0.00000000	0.00000000	0.00000000
## 4	0.05714286	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.15714286	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 6	0.09090909	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 7	0.15116279	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 8	0.07594937	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.05063291	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 12	0.16455696	0.00000000	0.00000000	0.00000000	0.00000000	0.01219512
## 13	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.10606061	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.04000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 17	0.14925373	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 18	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.04347826	0.01250000	0.00000000	0.00000000	0.00000000
## 21	0.18461538	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 23	0.17460317	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.01408451	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000
## 25	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 26	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276
## 27	0.07017544	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01562500	0.00000000	0.00000000	0.00000000	0.01449275	0.05172414
## 33	0.08219178	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303
## 34	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.08064516
## 35	0.03773585	0.00000000	0.00000000	0.00000000	0.00000000	0.01851852
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.10975610	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 39	0.06153846	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 40	0.01369863	0.00000000	0.01204819	0.00000000	0.00000000	0.01449275
## 41	0.07936508	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714
## 42	0.10958904	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.01388889	0.05333333	0.00000000	0.01298701	0.00000000
## 44	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.06250000
## 45	0.08064516	0.00000000	0.00000000	0.00000000	0.00000000	0.04918033
## 46	0.14285714	0.00000000	0.00000000	0.00000000	0.00000000	0.04347826
## 47	0.07352941	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.06944444	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 49	0.06153846	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333

## 50	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714
## 51	0.10606061	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 52	0.01492537	0.00000000	0.05128205	0.00000000	0.00000000	0.00000000
## 53	0.01428571	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
## 54	0.11267606	0.00000000	0.00000000	0.00000000	0.00000000	0.03846154
## 55	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.01666667
## 56	0.17391304	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.01886792	0.00000000	0.00000000	0.00000000	0.00000000	0.03508772
## 61	0.00000000	0.00000000	0.13888889	0.00000000	0.00000000	0.00000000
##	565	566	567	568	569	570
## 1	0.06250000	0.02985075	0.00000000	0.01587302	0.03076923	0.00000000
## 2	0.05172414	0.05000000	0.02985075	0.03389831	0.01492537	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07575758
## 4	0.09375000	0.08333333	0.02857143	0.11111111	0.00000000	0.00000000
## 5	0.07575758	0.13333333	0.03896104	0.07142857	0.00000000	0.00000000
## 6	0.03125000	0.05000000	0.03174603	0.09459459	0.01351351	0.00000000
## 7	0.08860759	0.11267606	0.05714286	0.16883117	0.00000000	0.00000000
## 8	0.02777778	0.02777778	0.03947368	0.08860759	0.00000000	0.01388889
## 9	0.01515152	0.01612903	0.05882353	0.10294118	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.03125000	0.06756757	0.04285714	0.01694915	0.02941176	0.00000000
## 12	0.09459459	0.05555556	0.04347826	0.19178082	0.01136364	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.14285714	0.11864407	0.00000000	0.03571429	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.01176471	0.00000000	0.00000000
## 16	0.09722222	0.01428571	0.00000000	0.05479452	0.00000000	0.00000000
## 17	0.12068966	0.10000000	0.04838710	0.10769231	0.00000000	0.00000000
## 18	0.00000000	0.08620690	0.01538462	0.03508772	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.07812500	0.14754098	0.01470588	0.09677419	0.01388889	0.00000000
## 22	0.05172414	0.10000000	0.01428571	0.07142857	0.00000000	0.01754386
## 23	0.07246377	0.21311475	0.07142857	0.18055556	0.01315789	0.00000000
## 24	0.02816901	0.08196721	0.03030303	0.01492537	0.01298701	0.03225806
## 25	0.05633803	0.04411765	0.02816901	0.16216216	0.01315789	0.01388889
## 26	0.01587302	0.03174603	0.03125000	0.01538462	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01492537	0.08823529	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.02469136	0.00000000	0.01219512	0.00000000
## 29	0.01724138	0.01515152	0.00000000	0.01449275	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.12121212	0.05084746	0.01562500	0.05970149	0.00000000	0.00000000
## 34	0.05357143	0.08000000	0.01492537	0.01666667	0.00000000	0.00000000
## 35	0.05172414	0.07042254	0.00000000	0.01449275	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.10958904	0.10606061	0.01282051	0.09375000	0.01162791	0.00000000
## 39	0.10606061	0.14062500	0.04615385	0.09090909	0.01388889	0.03571429
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.18181818	0.18032787	0.04687500	0.11475410	0.01351351	0.00000000

## 42	0.10526316	0.21311475	0.04838710	0.04109589	0.03797468	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806
## 44	0.00000000	0.00000000	0.00000000	0.01538462	0.01639344	0.00000000
## 45	0.03225806	0.14925373	0.00000000	0.06779661	0.00000000	0.00000000
## 46	0.08571429	0.17241379	0.04615385	0.08771930	0.04761905	0.00000000
## 47	0.09230769	0.06557377	0.05357143	0.20408163	0.00000000	0.02127660
## 48	0.02985075	0.04838710	0.03448276	0.11475410	0.00000000	0.01886792
## 49	0.02898551	0.06756757	0.02739726	0.07407407	0.00000000	0.00000000
## 50	0.03174603	0.10958904	0.01369863	0.10169492	0.01408451	0.01562500
## 51	0.09722222	0.15384615	0.00000000	0.22950820	0.03030303	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.10769231	0.16393443	0.07142857	0.16666667	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.03921569	0.01639344	0.00000000
## 56	0.16949153	0.17187500	0.06896552	0.03448276	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 58	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 59	0.00000000	0.01754386	0.06024096	0.00000000	0.01351351	0.00000000
## 60	0.01492537	0.03636364	0.05084746	0.00000000	0.01587302	0.01851852
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
##	571	572	573	574	575	576
## 1	0.00000000	0.01562500	0.00000000	0.01562500	0.00000000	0.01492537
## 2	0.00000000	0.09722222	0.00000000	0.01351351	0.00000000	0.01265823
## 3	0.00000000	0.00000000	0.01666667	0.00000000	0.02702703	0.00000000
## 4	0.00000000	0.02739726	0.00000000	0.04166667	0.00000000	0.07142857
## 5	0.00000000	0.01428571	0.00000000	0.11267606	0.00000000	0.02985075
## 6	0.00000000	0.00000000	0.00000000	0.16883117	0.00000000	0.11428571
## 7	0.00000000	0.15384615	0.00000000	0.16250000	0.00000000	0.05681818
## 8	0.00000000	0.14864865	0.00000000	0.03896104	0.00000000	0.06944444
## 9	0.00000000	0.01492537	0.00000000	0.05405405	0.00000000	0.10937500
## 10	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.04687500	0.00000000	0.01315789	0.00000000	0.05084746
## 12	0.00000000	0.03703704	0.00000000	0.03750000	0.00000000	0.03846154
## 13	0.02631579	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.05084746
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01388889	0.00000000	0.04166667	0.00000000	0.01351351
## 17	0.00000000	0.04054054	0.00000000	0.12676056	0.00000000	0.05479452
## 18	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.06153846
## 19	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.13846154	0.00000000	0.06153846	0.00000000	0.09722222
## 22	0.00000000	0.13235294	0.00000000	0.08695652	0.00000000	0.00000000
## 23	0.00000000	0.04545455	0.00000000	0.13043478	0.00000000	0.04225352
## 24	0.02702703	0.02702703	0.00000000	0.02666667	0.01250000	0.00000000
## 25	0.00000000	0.10810811	0.00000000	0.07042254	0.00000000	0.10666667
## 26	0.00000000	0.01587302	0.01388889	0.03797468	0.00000000	0.02702703
## 27	0.00000000	0.00000000	0.00000000	0.08333333	0.00000000	0.14545455
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 32	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.01587302
## 33	0.00000000	0.02666667	0.00000000	0.05333333	0.00000000	0.03846154

## 34	0.00000000	0.07575758	0.00000000	0.04347826	0.00000000	0.01538462
## 35	0.00000000	0.04347826	0.00000000	0.09523810	0.00000000	0.01694915
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.11538462	0.00000000	0.05405405
## 39	0.00000000	0.06250000	0.00000000	0.08955224	0.00000000	0.00000000
## 40	0.00000000	0.01470588	0.01282051	0.00000000	0.01754386	0.00000000
## 41	0.00000000	0.09090909	0.00000000	0.12676056	0.00000000	0.10000000
## 42	0.00000000	0.02816901	0.00000000	0.05263158	0.00000000	0.02816901
## 43	0.00000000	0.00000000	0.08219178	0.00000000	0.01562500	0.00000000
## 44	0.00000000	0.01923077	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.06097561	0.00000000	0.08333333	0.00000000	0.04054054
## 46	0.00000000	0.01538462	0.00000000	0.07042254	0.00000000	0.05633803
## 47	0.00000000	0.07692308	0.01538462	0.12307692	0.00000000	0.06250000
## 48	0.00000000	0.13793103	0.00000000	0.13043478	0.00000000	0.02985075
## 49	0.00000000	0.02816901	0.00000000	0.04285714	0.00000000	0.01639344
## 50	0.00000000	0.08450704	0.01333333	0.08333333	0.00000000	0.02666667
## 51	0.00000000	0.10769231	0.00000000	0.11940299	0.00000000	0.12121212
## 52	0.02816901	0.00000000	0.03030303	0.00000000	0.02597403	0.01265823
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.06849315	0.00000000	0.20967742	0.00000000	0.07812500
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 56	0.00000000	0.02739726	0.00000000	0.16438356	0.00000000	0.09375000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.03225806	0.05172414	0.00000000	0.00000000	0.01369863	0.00000000
## 59	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.01492537
## 60	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.02564103	0.01492537	0.02857143	0.00000000	0.01612903	0.00000000
##	577	578	579	580	581	582
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667	0.00000000
## 2	0.00000000	0.05479452	0.08536585	0.00000000	0.02777778	0.01515152
## 3	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 4	0.00000000	0.03846154	0.01190476	0.00000000	0.08450704	0.00000000
## 5	0.00000000	0.06756757	0.03896104	0.01369863	0.18292683	0.00000000
## 6	0.00000000	0.13513514	0.03571429	0.02898551	0.09589041	0.00000000
## 7	0.00000000	0.14634146	0.07692308	0.01075269	0.11250000	0.00000000
## 8	0.00000000	0.09722222	0.02439024	0.00000000	0.06756757	0.00000000
## 9	0.00000000	0.07894737	0.02409639	0.00000000	0.05797101	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 11	0.00000000	0.01282051	0.00000000	0.01219512	0.04054054	0.00000000
## 12	0.00000000	0.15730337	0.01149425	0.01123596	0.16216216	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.16901408	0.00000000	0.00000000	0.16438356	0.00000000
## 15	0.00000000	0.02380952	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.07142857	0.00000000	0.04054054	0.02409639	0.00000000
## 17	0.00000000	0.14705882	0.01176471	0.02857143	0.05479452	0.00000000
## 18	0.00000000	0.04918033	0.00000000	0.01587302	0.01428571	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04918033
## 20	0.00000000	0.01176471	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.28571429	0.06578947	0.01369863	0.08860759	0.00000000
## 22	0.00000000	0.15942029	0.04109589	0.01562500	0.15068493	0.00000000
## 23	0.00000000	0.22857143	0.03488372	0.02666667	0.30000000	0.00000000
## 24	0.00000000	0.04054054	0.00000000	0.00000000	0.10526316	0.01851852
## 25	0.00000000	0.05633803	0.01265823	0.00000000	0.02702703	0.00000000



## 26	0.00000000	0.02941176	0.00000000	0.01428571	0.01333333	0.00000000
## 27	0.00000000	0.12500000	0.00000000	0.00000000	0.01612903	0.00000000
## 28	0.00000000	0.00000000	0.01234568	0.03750000	0.00000000	0.00000000
## 29	0.00000000	0.02985075	0.01408451	0.01388889	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.02985075	0.01315789	0.00000000	0.01162791	0.01470588
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.06666667	0.00000000	0.01250000	0.07042254	0.00000000
## 34	0.00000000	0.05970149	0.01219512	0.00000000	0.06756757	0.00000000
## 35	0.00000000	0.04615385	0.01315789	0.01612903	0.09677419	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.09375000	0.00000000	0.01250000	0.12500000	0.00000000
## 39	0.00000000	0.14754098	0.01298701	0.02631579	0.13114754	0.00000000
## 40	0.01562500	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.17391304	0.04000000	0.02439024	0.13043478	0.00000000
## 42	0.00000000	0.10389610	0.03488372	0.05063291	0.07894737	0.00000000
## 43	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.07812500	0.00000000	0.01538462	0.12676056	0.00000000
## 46	0.00000000	0.08695652	0.00000000	0.00000000	0.18055556	0.00000000
## 47	0.00000000	0.07575758	0.01315789	0.00000000	0.08219178	0.00000000
## 48	0.00000000	0.14084507	0.04285714	0.00000000	0.11267606	0.00000000
## 49	0.00000000	0.02941176	0.01219512	0.00000000	0.04761905	0.01694915
## 50	0.00000000	0.07894737	0.01315789	0.01369863	0.07352941	0.00000000
## 51	0.00000000	0.25757576	0.02500000	0.02666667	0.18421053	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.24590164	0.02739726	0.03225806	0.03508772	0.00000000
## 55	0.01369863	0.04347826	0.00000000	0.01428571	0.01449275	0.00000000
## 56	0.00000000	0.09090909	0.03750000	0.02631579	0.19047619	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 58	0.00000000	0.00000000	0.02352941	0.00000000	0.00000000	0.03636364
## 59	0.00000000	0.01562500	0.01162791	0.00000000	0.01428571	0.00000000
## 60	0.00000000	0.01587302	0.01298701	0.00000000	0.01388889	0.00000000
## 61	0.03703704	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
##	583	584	585	586	587	588
## 1	0.00000000	0.04615385	0.00000000	0.00000000	0.06896552	0.00000000
## 2	0.00000000	0.19696970	0.01785714	0.00000000	0.08474576	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.08333333	0.00000000	0.00000000	0.06349206	0.00000000
## 5	0.00000000	0.05479452	0.01333333	0.01538462	0.13846154	0.00000000
## 6	0.00000000	0.05479452	0.03076923	0.00000000	0.07462687	0.00000000
## 7	0.00000000	0.20833333	0.02564103	0.00000000	0.02702703	0.00000000
## 8	0.00000000	0.18571429	0.01538462	0.00000000	0.01724138	0.00000000
## 9	0.00000000	0.21739130	0.01587302	0.00000000	0.00000000	0.00000000
## 10	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.03278689	0.00000000	0.01886792	0.00000000	0.00000000
## 12	0.00000000	0.08235294	0.00000000	0.04054054	0.17567568	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.08695652	0.00000000	0.01724138	0.10169492	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 16	0.00000000	0.04411765	0.02898551	0.01587302	0.04225352	0.00000000
## 17	0.00000000	0.06451613	0.00000000	0.03225806	0.15517241	0.00000000

## 18	0.00000000	0.03333333	0.00000000	0.01724138	0.01785714	0.00000000
## 19	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01250000	0.01694915	0.01587302	0.00000000	0.01449275	0.00000000
## 21	0.00000000	0.18333333	0.00000000	0.00000000	0.13461538	0.00000000
## 22	0.00000000	0.07812500	0.01785714	0.04347826	0.15151515	0.00000000
## 23	0.00000000	0.13235294	0.00000000	0.01449275	0.13114754	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 25	0.00000000	0.07575758	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01428571	0.06451613	0.00000000	0.03125000	0.00000000
## 27	0.00000000	0.09677419	0.01612903	0.00000000	0.05000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 29	0.00000000	0.02985075	0.00000000	0.01612903	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.04347826	0.01492537	0.00000000	0.06349206	0.00000000
## 34	0.00000000	0.04918033	0.00000000	0.01960784	0.03508772	0.00000000
## 35	0.00000000	0.06250000	0.01785714	0.00000000	0.14285714	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.11428571	0.01315789	0.04761905	0.15714286	0.00000000
## 39	0.00000000	0.05063291	0.00000000	0.00000000	0.12068966	0.00000000
## 40	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.20588235	0.00000000	0.03703704	0.16326531	0.00000000
## 42	0.00000000	0.09459459	0.00000000	0.04166667	0.13636364	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01265823	0.01315789	0.01639344	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.04477612	0.00000000	0.01754386	0.13636364	0.00000000
## 46	0.00000000	0.03125000	0.01886792	0.00000000	0.15789474	0.00000000
## 47	0.00000000	0.06666667	0.00000000	0.00000000	0.03389831	0.00000000
## 48	0.00000000	0.24193548	0.01886792	0.01538462	0.06557377	0.00000000
## 49	0.00000000	0.07812500	0.02898551	0.01818182	0.03636364	0.00000000
## 50	0.00000000	0.11764706	0.01470588	0.00000000	0.05970149	0.00000000
## 51	0.00000000	0.15517241	0.00000000	0.00000000	0.16176471	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01282051	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.25000000	0.05084746	0.01754386	0.07812500	0.00000000
## 55	0.00000000	0.01666667	0.07407407	0.00000000	0.01818182	0.00000000
## 56	0.00000000	0.07142857	0.00000000	0.00000000	0.14062500	0.00000000
## 57	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000
## 59	0.00000000	0.01470588	0.00000000	0.00000000	0.03174603	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.02000000	0.13461538	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
##	589	590	591	592	593	594
## 1	0.00000000	0.01515152	0.00000000	0.03174603	0.00000000	0.00000000
## 2	0.00000000	0.06493506	0.00000000	0.13846154	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.02985075	0.00000000	0.01408451	0.00000000	0.02857143
## 5	0.00000000	0.06250000	0.00000000	0.01428571	0.00000000	0.00000000
## 6	0.00000000	0.13043478	0.00000000	0.09090909	0.00000000	0.01515152
## 7	0.00000000	0.04395604	0.00000000	0.10666667	0.00000000	0.01204819
## 8	0.00000000	0.05617978	0.02409639	0.15068493	0.00000000	0.01333333
## 9	0.00000000	0.04109589	0.03125000	0.04838710	0.00000000	0.02702703

## 10	0.01851852	0.00000000	0.01754386	0.00000000	0.01612903	0.00000000
## 11	0.01492537	0.01333333	0.00000000	0.01562500	0.00000000	0.10810811
## 12	0.00000000	0.06000000	0.00000000	0.06153846	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.07462687	0.00000000	0.03571429	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.02469136	0.00000000	0.04545455	0.00000000	0.00000000
## 17	0.00000000	0.08000000	0.00000000	0.05000000	0.00000000	0.00000000
## 18	0.00000000	0.01492537	0.00000000	0.03571429	0.00000000	0.01408451
## 19	0.01470588	0.00000000	0.00000000	0.00000000	0.16393443	0.00000000
## 20	0.00000000	0.01265823	0.01388889	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.11842105	0.00000000	0.14814815	0.00000000	0.02941176
## 22	0.00000000	0.01408451	0.00000000	0.03636364	0.00000000	0.00000000
## 23	0.00000000	0.08064516	0.00000000	0.12676056	0.00000000	0.01515152
## 24	0.00000000	0.02702703	0.00000000	0.04838710	0.00000000	0.00000000
## 25	0.00000000	0.05813953	0.00000000	0.05405405	0.00000000	0.08750000
## 26	0.00000000	0.02985075	0.00000000	0.02816901	0.00000000	0.00000000
## 27	0.00000000	0.12328767	0.01851852	0.02000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.04285714	0.00000000	0.05000000	0.00000000	0.01428571
## 30	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01492537	0.01388889	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01333333	0.00000000	0.04761905	0.00000000	0.00000000
## 34	0.00000000	0.04411765	0.00000000	0.00000000	0.00000000	0.01388889
## 35	0.00000000	0.09859155	0.00000000	0.03448276	0.00000000	0.01298701
## 36	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.10389610	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.05405405	0.00000000	0.05633803	0.00000000	0.00000000
## 40	0.00000000	0.02597403	0.00000000	0.00000000	0.04225352	0.00000000
## 41	0.00000000	0.06060606	0.00000000	0.07692308	0.00000000	0.00000000
## 42	0.00000000	0.10958904	0.00000000	0.10000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01388889	0.00000000	0.02941176	0.00000000	0.01562500
## 46	0.00000000	0.04285714	0.00000000	0.08771930	0.00000000	0.00000000
## 47	0.00000000	0.08064516	0.00000000	0.06896552	0.00000000	0.01587302
## 48	0.00000000	0.05263158	0.00000000	0.14062500	0.00000000	0.01515152
## 49	0.00000000	0.04000000	0.00000000	0.05263158	0.00000000	0.01562500
## 50	0.00000000	0.03658537	0.00000000	0.03174603	0.00000000	0.00000000
## 51	0.00000000	0.07246377	0.00000000	0.12698413	0.00000000	0.02857143
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.04615385	0.01351351	0.01587302	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.18461538	0.00000000	0.08000000	0.00000000	0.00000000
## 55	0.00000000	0.05194805	0.00000000	0.02000000	0.00000000	0.00000000
## 56	0.00000000	0.06250000	0.00000000	0.12280702	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.03076923	0.08196721	0.00000000
## 59	0.00000000	0.01298701	0.00000000	0.04347826	0.01449275	0.00000000
## 60	0.00000000	0.00000000	0.01785714	0.01886792	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	595	596	597	598	599	600
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 2	0.00000000	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.01351351	0.00000000	0.02631579	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.05952381	0.00000000	0.00000000
## 6	0.00000000	0.02597403	0.00000000	0.04109589	0.00000000	0.00000000
## 7	0.00000000	0.03571429	0.04878049	0.01075269	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.06849315	0.05952381	0.00000000	0.00000000
## 9	0.00000000	0.03125000	0.05660377	0.03076923	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.07777778	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.10666667	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.04615385	0.08571429	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01562500	0.00000000	0.01694915	0.00000000
## 20	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.01388889	0.05084746	0.07692308	0.00000000	0.00000000
## 22	0.00000000	0.01408451	0.00000000	0.02777778	0.00000000	0.00000000
## 23	0.00000000	0.04761905	0.00000000	0.04285714	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.06578947	0.01612903	0.02469136	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.07042254	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.03333333	0.02898551	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01449275	0.00000000	0.01333333	0.00000000
## 29	0.00000000	0.04411765	0.03278689	0.01333333	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 31	0.00000000	0.01492537	0.00000000	0.00000000	0.04225352	0.00000000
## 32	0.00000000	0.01587302	0.00000000	0.00000000	0.03278689	0.00000000
## 33	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.01562500	0.00000000	0.01282051	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.07575758
## 37	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.04494382	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.02531646	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.01265823	0.02985075	0.06666667	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 44	0.00000000	0.03921569	0.01612903	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01492537	0.03278689	0.06250000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.02531646	0.00000000	0.00000000
## 48	0.00000000	0.01428571	0.01666667	0.07936508	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.02352941	0.00000000	0.00000000
## 50	0.00000000	0.01428571	0.01470588	0.04347826	0.00000000	0.00000000
## 51	0.00000000	0.01639344	0.00000000	0.05797101	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.04225352	0.00000000
## 54	0.00000000	0.06349206	0.01449275	0.11111111	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000

## 56	0.00000000	0.00000000	0.01666667	0.04477612	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.06779661	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.11538462	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	601	602	603	604	605	606
## 1	0.02702703	0.00000000	0.01408451	0.00000000	0.00000000	0.04545455
## 2	0.04166667	0.13698630	0.03508772	0.01492537	0.13888889	0.05479452
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.02666667	0.03076923	0.10810811	0.00000000	0.03614458	0.09459459
## 5	0.02409639	0.05797101	0.05479452	0.01351351	0.06250000	0.15584416
## 6	0.01408451	0.00000000	0.11594203	0.02898551	0.05633803	0.14666667
## 7	0.12790698	0.18987342	0.23188406	0.02469136	0.17073171	0.07865169
## 8	0.05633803	0.13513514	0.08860759	0.00000000	0.15853659	0.09411765
## 9	0.11594203	0.10294118	0.06153846	0.00000000	0.15277778	0.06410256
## 10	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01694915	0.00000000	0.01388889	0.05333333
## 12	0.01315789	0.05128205	0.04918033	0.02325581	0.06666667	0.14814815
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01612903	0.03448276	0.03571429	0.00000000	0.15517241	0.18965517
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.01315789
## 16	0.01388889	0.04477612	0.02631579	0.00000000	0.02739726	0.00000000
## 17	0.01538462	0.08823529	0.07246377	0.00000000	0.04347826	0.09333333
## 18	0.01388889	0.02631579	0.00000000	0.00000000	0.02941176	0.07692308
## 19	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01449275	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000
## 21	0.08571429	0.18750000	0.07936508	0.01562500	0.12121212	0.12500000
## 22	0.01449275	0.09523810	0.03389831	0.01694915	0.08955224	0.16176471
## 23	0.04347826	0.12698413	0.15625000	0.02597403	0.07812500	0.17460317
## 24	0.02666667	0.02857143	0.04347826	0.01388889	0.01492537	0.06410256
## 25	0.02816901	0.08450704	0.10714286	0.02469136	0.01234568	0.05479452
## 26	0.00000000	0.00000000	0.01562500	0.00000000	0.01492537	0.00000000
## 27	0.08333333	0.03921569	0.18181818	0.07246377	0.13043478	0.09230769
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01428571	0.04411765	0.04225352	0.00000000	0.01612903	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.05263158	0.03278689	0.00000000	0.00000000	0.02597403	0.00000000
## 32	0.00000000	0.00000000	0.01538462	0.01449275	0.00000000	0.00000000
## 33	0.02739726	0.01388889	0.07352941	0.02564103	0.02597403	0.09859155
## 34	0.01470588	0.06896552	0.01754386	0.01515152	0.05714286	0.02941176
## 35	0.06451613	0.06153846	0.05000000	0.00000000	0.09333333	0.15942029
## 36	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.03797468	0.05405405	0.05633803	0.01449275	0.05952381	0.25000000
## 39	0.00000000	0.08955224	0.07462687	0.01851852	0.19178082	0.15384615
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.06944444	0.17187500	0.08196721	0.01492537	0.14285714	0.27272727
## 42	0.02631579	0.07462687	0.01538462	0.00000000	0.05714286	0.11111111
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01587302	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 45	0.01250000	0.09090909	0.05633803	0.00000000	0.02898551	0.15942029
## 46	0.02777778	0.05405405	0.01923077	0.00000000	0.03389831	0.06097561
## 47	0.04838710	0.17857143	0.06779661	0.00000000	0.08064516	0.09090909

## 48	0.06250000	0.26760563	0.10714286	0.02631579	0.27941176	0.11111111
## 49	0.01538462	0.08333333	0.03448276	0.01492537	0.07352941	0.01612903
## 50	0.05714286	0.10169492	0.04166667	0.01515152	0.02702703	0.02898551
## 51	0.04225352	0.12307692	0.13333333	0.04225352	0.14925373	0.37313433
## 52	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 53	0.01428571	0.00000000	0.01694915	0.02898551	0.00000000	0.00000000
## 54	0.06250000	0.20967742	0.22641509	0.01492537	0.11290323	0.07352941
## 55	0.01333333	0.02985075	0.01492537	0.00000000	0.01754386	0.00000000
## 56	0.04411765	0.10294118	0.06153846	0.00000000	0.07246377	0.16666667
## 57	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01818182	0.05000000	0.00000000	0.00000000	0.04615385	0.01538462
## 59	0.00000000	0.03389831	0.00000000	0.00000000	0.05263158	0.00000000
## 60	0.00000000	0.01538462	0.00000000	0.00000000	0.01265823	0.02898551
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	607	608	609	610	611	612
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 4	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.02857143	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 7	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.01449275	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01351351	0.01960784	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.03030303	0.00000000	0.00000000	0.00000000	0.12676056	0.04347826
## 20	0.02739726	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 21	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.03703704	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.01388889	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.04347826	0.02898551	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000
## 28	0.01149425	0.02816901	0.01612903	0.01612903	0.00000000	0.00000000
## 29	0.01449275	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.03750000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01388889	0.00000000	0.00000000	0.01428571	0.03030303	0.01639344
## 33	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.01694915	0.01785714	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.05063291	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.07500000	0.13235294
## 41	0.03797468	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.01428571	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 44	0.00000000	0.01694915	0.00000000	0.01515152	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 46	0.03278689	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 47	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.05128205	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.04054054	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000
## 53	0.03947368	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.05714286	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.01428571	0.08771930	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.10169492
## 59	0.02500000	0.03125000	0.00000000	0.00000000	0.00000000	0.01639344
## 60	0.00000000	0.01449275	0.00000000	0.01449275	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	613	614	615	616	617	618
## 1	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 2	0.00000000	0.03278689	0.01282051	0.02857143	0.01515152	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.01234568	0.12857143	0.00000000	0.00000000
## 5	0.00000000	0.02816901	0.01298701	0.13432836	0.02702703	0.00000000
## 6	0.00000000	0.00000000	0.02739726	0.21518987	0.05479452	0.00000000
## 7	0.00000000	0.00000000	0.03750000	0.14457831	0.05263158	0.00000000
## 8	0.00000000	0.03030303	0.01204819	0.04166667	0.01250000	0.00000000
## 9	0.00000000	0.01754386	0.04615385	0.05633803	0.05479452	0.00000000
## 10	0.01408451	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.02564103	0.00000000	0.02941176	0.01369863	0.00000000
## 12	0.00000000	0.04938272	0.02739726	0.32467532	0.02409639	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.03278689	0.17460317	0.03846154	0.00000000
## 15	0.00000000	0.00000000	0.02631579	0.00000000	0.01333333	0.02898551
## 16	0.00000000	0.00000000	0.01388889	0.04054054	0.01408451	0.00000000
## 17	0.00000000	0.04347826	0.00000000	0.22058824	0.00000000	0.00000000
## 18	0.00000000	0.22222222	0.00000000	0.11842105	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01428571	0.01492537	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01315789	0.01333333	0.02857143	0.01388889
## 21	0.00000000	0.00000000	0.03174603	0.12500000	0.00000000	0.00000000
## 22	0.00000000	0.06153846	0.00000000	0.11111111	0.01428571	0.00000000
## 23	0.00000000	0.04285714	0.00000000	0.34285714	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.06849315	0.00000000	0.00000000
## 25	0.00000000	0.01234568	0.01250000	0.02739726	0.01428571	0.00000000
## 26	0.00000000	0.01470588	0.00000000	0.03571429	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.01754386	0.04615385	0.01587302
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 29	0.00000000	0.00000000	0.01315789	0.00000000	0.03278689	0.00000000
## 30	0.12857143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 33	0.00000000	0.05333333	0.01470588	0.17391304	0.00000000	0.00000000
## 34	0.00000000	0.05555556	0.00000000	0.08695652	0.03448276	0.00000000
## 35	0.00000000	0.00000000	0.03846154	0.10344828	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.02857143	0.02777778	0.34246575	0.02777778	0.00000000
## 39	0.00000000	0.00000000	0.01515152	0.10606061	0.01333333	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 41	0.00000000	0.06250000	0.02631579	0.29032258	0.01369863	0.00000000
## 42	0.00000000	0.03947368	0.00000000	0.08108108	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01388889	0.00000000	0.03278689	0.00000000
## 45	0.00000000	0.22222222	0.00000000	0.16000000	0.00000000	0.00000000
## 46	0.00000000	0.03076923	0.00000000	0.25396825	0.07936508	0.00000000
## 47	0.00000000	0.01754386	0.01492537	0.20000000	0.03389831	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.08823529	0.01515152	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.03125000	0.03174603	0.00000000
## 50	0.00000000	0.00000000	0.01234568	0.04761905	0.00000000	0.00000000
## 51	0.00000000	0.01694915	0.01562500	0.25396825	0.03448276	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01408451	0.00000000	0.09459459	0.01449275	0.02631579	0.00000000
## 54	0.00000000	0.00000000	0.03389831	0.13636364	0.04838710	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000
## 56	0.00000000	0.05797101	0.01470588	0.27536232	0.01470588	0.00000000
## 57	0.01333333	0.00000000	0.01250000	0.01408451	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01639344	0.01408451	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	619	620	621	622	623	624
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 2	0.00000000	0.00000000	0.06349206	0.00000000	0.11688312	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.01562500	0.00000000	0.01176471	0.00000000
## 5	0.00000000	0.00000000	0.02739726	0.00000000	0.03797468	0.00000000
## 6	0.00000000	0.00000000	0.01612903	0.00000000	0.02531646	0.00000000
## 7	0.00000000	0.00000000	0.02597403	0.00000000	0.08139535	0.00000000
## 8	0.00000000	0.00000000	0.05970149	0.00000000	0.04255319	0.00000000
## 9	0.00000000	0.00000000	0.04285714	0.00000000	0.13253012	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.02469136	0.01298701	0.00000000
## 11	0.00000000	0.00000000	0.04109589	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.11594203	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.08474576	0.00000000	0.06451613	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 16	0.00000000	0.00000000	0.10144928	0.01333333	0.01282051	0.00000000
## 17	0.00000000	0.00000000	0.06349206	0.00000000	0.04819277	0.00000000
## 18	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.08750000	0.01176471	0.00000000
## 21	0.00000000	0.00000000	0.12121212	0.00000000	0.02631579	0.00000000
## 22	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.05405405	0.00000000	0.04225352	0.00000000



## 24	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.01449275	0.00000000	0.02631579	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 27	0.00000000	0.00000000	0.01562500	0.00000000	0.07936508	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 32	0.01666667	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 33	0.00000000	0.00000000	0.02816901	0.00000000	0.05000000	0.00000000
## 34	0.00000000	0.00000000	0.05000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.07936508	0.00000000	0.04687500	0.00000000
## 36	0.00000000	0.03174603	0.00000000	0.00000000	0.01428571	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01204819	0.00000000	0.01234568
## 38	0.00000000	0.00000000	0.13235294	0.00000000	0.02597403	0.00000000
## 39	0.00000000	0.00000000	0.09375000	0.00000000	0.04477612	0.00000000
## 40	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.12162162	0.00000000	0.04347826	0.00000000
## 42	0.00000000	0.00000000	0.11428571	0.00000000	0.02666667	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.03389831	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.08196721	0.00000000	0.02941176	0.00000000
## 47	0.00000000	0.00000000	0.10909091	0.00000000	0.07142857	0.00000000
## 48	0.00000000	0.00000000	0.08695652	0.00000000	0.04761905	0.00000000
## 49	0.00000000	0.00000000	0.06153846	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.04411765	0.00000000	0.02564103	0.00000000
## 51	0.00000000	0.00000000	0.04285714	0.00000000	0.04477612	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.03921569	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 56	0.00000000	0.00000000	0.15625000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.04109589	0.00000000	0.02439024	0.00000000
## 60	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	625	626	627	628	629	630
## 1	0.00000000	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.14062500	0.00000000	0.00000000
## 3	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.04411765	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.13513514	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.07042254	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.08750000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.05633803	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 10	0.00000000	0.01612903	0.01724138	0.00000000	0.00000000	0.03508772
## 11	0.00000000	0.00000000	0.00000000	0.05797101	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.17105263	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000

## 16	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.06557377	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 21	0.00000000	0.00000000	0.00000000	0.08474576	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.11267606	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.12903226	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 26	0.01562500	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 33	0.00000000	0.00000000	0.00000000	0.06944444	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.06060606	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.12280702	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.17105263	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.01724138	0.15068493	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.11111111	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.25000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01851852
## 45	0.00000000	0.00000000	0.00000000	0.13432836	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.10447761	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.13114754	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.17741935	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.06451613	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.19354839	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.05000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.05000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	631	632	633	634	635	636
## 1	0.00000000	0.05970149	0.04347826	0.00000000	0.02816901	0.00000000
## 2	0.00000000	0.00000000	0.11267606	0.02857143	0.04166667	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 4	0.00000000	0.01492537	0.05194805	0.00000000	0.01408451	0.00000000
## 5	0.01219512	0.02857143	0.09230769	0.00000000	0.03030303	0.00000000
## 6	0.01351351	0.01369863	0.10958904	0.00000000	0.01428571	0.01388889
## 7	0.00000000	0.01351351	0.13888889	0.01136364	0.01149425	0.00000000

## 8	0.00000000	0.01333333	0.14084507	0.02816901	0.02631579	0.00000000
## 9	0.00000000	0.01449275	0.05797101	0.00000000	0.01492537	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02816901	0.00000000	0.07462687	0.00000000	0.03030303	0.00000000
## 12	0.01219512	0.00000000	0.14864865	0.00000000	0.00000000	0.01234568
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.21739130	0.00000000	0.01754386	0.00000000
## 15	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.10769231	0.00000000	0.02631579	0.02469136
## 17	0.00000000	0.01428571	0.12328767	0.00000000	0.02666667	0.00000000
## 18	0.00000000	0.00000000	0.07812500	0.01587302	0.07352941	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.01612903	0.01470588	0.20289855	0.01538462	0.01666667	0.00000000
## 22	0.00000000	0.01492537	0.08474576	0.00000000	0.02985075	0.00000000
## 23	0.04166667	0.00000000	0.20000000	0.00000000	0.02631579	0.01369863
## 24	0.03030303	0.00000000	0.08955224	0.00000000	0.01538462	0.00000000
## 25	0.00000000	0.01428571	0.01492537	0.00000000	0.00000000	0.00000000
## 26	0.04545455	0.01449275	0.01694915	0.02666667	0.00000000	0.01408451
## 27	0.00000000	0.01449275	0.04761905	0.00000000	0.00000000	0.00000000
## 28	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01515152	0.00000000	0.02857143	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.04347826	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.03030303	0.02777778	0.13333333	0.00000000	0.01408451	0.01408451
## 34	0.00000000	0.03636364	0.10909091	0.00000000	0.18181818	0.00000000
## 35	0.00000000	0.01724138	0.18867925	0.00000000	0.00000000	0.00000000
## 36	0.01470588	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 38	0.00000000	0.01369863	0.16417910	0.00000000	0.02816901	0.01234568
## 39	0.01515152	0.00000000	0.24242424	0.01428571	0.00000000	0.00000000
## 40	0.00000000	0.01388889	0.00000000	0.00000000	0.02898551	0.00000000
## 41	0.01282051	0.02985075	0.31343284	0.00000000	0.06451613	0.00000000
## 42	0.01449275	0.00000000	0.29508197	0.00000000	0.04285714	0.01428571
## 43	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.13636364	0.00000000	0.00000000	0.03278689	0.00000000
## 45	0.01449275	0.01612903	0.16417910	0.01369863	0.07352941	0.00000000
## 46	0.05454545	0.03448276	0.11428571	0.00000000	0.01587302	0.03125000
## 47	0.01754386	0.00000000	0.09836066	0.00000000	0.00000000	0.00000000
## 48	0.01388889	0.01694915	0.21666667	0.00000000	0.04347826	0.00000000
## 49	0.00000000	0.01538462	0.02941176	0.00000000	0.06153846	0.00000000
## 50	0.00000000	0.04109589	0.02898551	0.00000000	0.02631579	0.00000000
## 51	0.00000000	0.00000000	0.23076923	0.00000000	0.06451613	0.00000000
## 52	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 53	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 54	0.01612903	0.03225806	0.05769231	0.01449275	0.03174603	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.33333333	0.00000000	0.01562500	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.03508772	0.02985075	0.00000000	0.00000000
## 59	0.00000000	0.03076923	0.03225806	0.06250000	0.00000000	0.00000000
## 60	0.03125000	0.03921569	0.03225806	0.08333333	0.03076923	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

##	637	638	639	640	641	642
## 1	0.00000000	0.02898551	0.00000000	0.00000000	0.01538462	0.03278689
## 2	0.12280702	0.00000000	0.08620690	0.04285714	0.03278689	0.11940299
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 4	0.01470588	0.00000000	0.11764706	0.05479452	0.00000000	0.08333333
## 5	0.04938272	0.01470588	0.13513514	0.12000000	0.00000000	0.12345679
## 6	0.06349206	0.00000000	0.12307692	0.15189873	0.00000000	0.05882353
## 7	0.11250000	0.00000000	0.16250000	0.18823529	0.02631579	0.02272727
## 8	0.08695652	0.00000000	0.09859155	0.09333333	0.01388889	0.05063291
## 9	0.11666667	0.01538462	0.04615385	0.11764706	0.01666667	0.02816901
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.01724138	0.00000000	0.01666667	0.06250000	0.00000000	0.05128205
## 12	0.12000000	0.00000000	0.23287671	0.24418605	0.00000000	0.14117647
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 14	0.03333333	0.00000000	0.29629630	0.17142857	0.00000000	0.11864407
## 15	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 16	0.06250000	0.01612903	0.11111111	0.08695652	0.01612903	0.04054054
## 17	0.10344828	0.02857143	0.18461538	0.26582278	0.00000000	0.11267606
## 18	0.03448276	0.01428571	0.07843137	0.04285714	0.00000000	0.08974359
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.22807018	0.01587302	0.12698413	0.19117647	0.04918033	0.17910448
## 22	0.03448276	0.00000000	0.10714286	0.09375000	0.00000000	0.05797101
## 23	0.10144928	0.01666667	0.16923077	0.17105263	0.00000000	0.10810811
## 24	0.02857143	0.00000000	0.08108108	0.07352941	0.00000000	0.03278689
## 25	0.03125000	0.00000000	0.05797101	0.00000000	0.00000000	0.02898551
## 26	0.01388889	0.00000000	0.01754386	0.04347826	0.03174603	0.01538462
## 27	0.05000000	0.00000000	0.03571429	0.04838710	0.00000000	0.04687500
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 29	0.05357143	0.03125000	0.00000000	0.01388889	0.00000000	0.00000000
## 30	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.05882353	0.01515152	0.00000000	0.00000000	0.00000000
## 33	0.02941176	0.01282051	0.02941176	0.07792208	0.00000000	0.01428571
## 34	0.03125000	0.01694915	0.05797101	0.05970149	0.00000000	0.06578947
## 35	0.03921569	0.00000000	0.06451613	0.15151515	0.00000000	0.15254237
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.05479452	0.00000000	0.30000000	0.17721519	0.00000000	0.22784810
## 39	0.05194805	0.00000000	0.13846154	0.24637681	0.00000000	0.11764706
## 40	0.00000000	0.17647059	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01639344	0.00000000	0.21875000	0.30769231	0.00000000	0.23943662
## 42	0.09375000	0.00000000	0.18461538	0.08860759	0.01449275	0.27500000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 44	0.00000000	0.31746032	0.00000000	0.00000000	0.03174603	0.00000000
## 45	0.05797101	0.01612903	0.05172414	0.14084507	0.01562500	0.20270270
## 46	0.04838710	0.01612903	0.22222222	0.25000000	0.00000000	0.05882353
## 47	0.03125000	0.00000000	0.05555556	0.13114754	0.01666667	0.02985075
## 48	0.07272727	0.00000000	0.05797101	0.08955224	0.00000000	0.05479452
## 49	0.00000000	0.00000000	0.08955224	0.11111111	0.00000000	0.02941176
## 50	0.05000000	0.00000000	0.08974359	0.04347826	0.03076923	0.07042254
## 51	0.11666667	0.00000000	0.09523810	0.13636364	0.03125000	0.26086957
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 54	0.12280702	0.01388889	0.14035088	0.15517241	0.00000000	0.08108108
## 55	0.03333333	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 56	0.05084746	0.00000000	0.18181818	0.26250000	0.00000000	0.11428571
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.02083333	0.00000000	0.00000000	0.00000000	0.01639344	0.03389831
## 59	0.07017544	0.01515152	0.04411765	0.01449275	0.01587302	0.01470588
## 60	0.05084746	0.03174603	0.01470588	0.04545455	0.01886792	0.05357143
## 61	0.00000000	0.00000000	0.00000000	0.01470588	0.03030303	0.00000000
##	643	644	645	646	647	648
## 1	0.00000000	0.07142857	0.00000000	0.16393443	0.03846154	0.00000000
## 2	0.00000000	0.03174603	0.00000000	0.01694915	0.00000000	0.03030303
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.08450704	0.01351351	0.02816901	0.00000000	0.00000000
## 5	0.06493506	0.08474576	0.02469136	0.03076923	0.00000000	0.00000000
## 6	0.01315789	0.15789474	0.01369863	0.02739726	0.00000000	0.01388889
## 7	0.00000000	0.10389610	0.00000000	0.02985075	0.00000000	0.05333333
## 8	0.01190476	0.05000000	0.01333333	0.00000000	0.00000000	0.04054054
## 9	0.00000000	0.04285714	0.03278689	0.01538462	0.00000000	0.03030303
## 10	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 11	0.05333333	0.00000000	0.01388889	0.00000000	0.00000000	0.01694915
## 12	0.03488372	0.05882353	0.00000000	0.02666667	0.00000000	0.02857143
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.04477612	0.01785714	0.03278689	0.00000000	0.00000000
## 15	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.05797101	0.06153846	0.01315789	0.00000000	0.00000000	0.02777778
## 17	0.03508772	0.07692308	0.02739726	0.01785714	0.00000000	0.01492537
## 18	0.02777778	0.00000000	0.02985075	0.03174603	0.00000000	0.01639344
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01234568	0.00000000	0.00000000	0.00000000	0.00000000	0.04225352
## 21	0.02857143	0.01515152	0.03076923	0.03333333	0.00000000	0.01754386
## 22	0.01612903	0.05000000	0.01470588	0.01666667	0.00000000	0.01470588
## 23	0.01333333	0.13095238	0.00000000	0.06666667	0.00000000	0.00000000
## 24	0.00000000	0.02739726	0.01666667	0.01612903	0.00000000	0.00000000
## 25	0.01149425	0.09589041	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.08695652	0.01515152	0.00000000	0.01515152	0.00000000	0.00000000
## 27	0.00000000	0.08474576	0.12280702	0.00000000	0.00000000	0.04687500
## 28	0.07500000	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726
## 29	0.00000000	0.00000000	0.01515152	0.04615385	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01515152	0.01298701	0.01724138	0.00000000	0.00000000
## 33	0.04819277	0.05479452	0.01449275	0.03389831	0.00000000	0.01587302
## 34	0.01388889	0.03703704	0.00000000	0.03278689	0.01639344	0.02985075
## 35	0.01428571	0.03703704	0.06250000	0.01960784	0.00000000	0.06250000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.06578947	0.01492537	0.02898551	0.00000000	0.01470588
## 39	0.01282051	0.08333333	0.01428571	0.01785714	0.00000000	0.02898551
## 40	0.00000000	0.00000000	0.00000000	0.01538462	0.01492537	0.00000000
## 41	0.03125000	0.10447761	0.01470588	0.07042254	0.00000000	0.00000000
## 42	0.01315789	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 43	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.02597403	0.01538462	0.00000000	0.05357143	0.08771930	0.00000000
## 45	0.01204819	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000

## 46	0.00000000	0.01333333	0.00000000	0.04918033	0.00000000	0.03333333
## 47	0.03030303	0.09375000	0.01923077	0.08510638	0.00000000	0.05000000
## 48	0.00000000	0.04918033	0.01639344	0.00000000	0.00000000	0.03448276
## 49	0.00000000	0.02985075	0.00000000	0.03278689	0.00000000	0.00000000
## 50	0.01265823	0.06250000	0.00000000	0.06250000	0.00000000	0.02666667
## 51	0.01562500	0.16071429	0.01492537	0.01639344	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 53	0.00000000	0.01449275	0.00000000	0.01470588	0.00000000	0.00000000
## 54	0.02597403	0.11475410	0.01298701	0.03846154	0.00000000	0.03333333
## 55	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 56	0.00000000	0.07142857	0.01388889	0.02000000	0.00000000	0.01449275
## 57	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01190476	0.00000000	0.00000000	0.01369863	0.03389831	0.00000000
## 60	0.01388889	0.00000000	0.00000000	0.01754386	0.01612903	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	649	650	651	652	653	654
## 1	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000	0.00000000
## 3	0.02597403	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.04477612	0.00000000	0.01538462	0.05000000	0.00000000
## 5	0.00000000	0.06451613	0.03225806	0.06153846	0.01315789	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.07812500	0.04225352	0.00000000
## 7	0.00000000	0.00000000	0.02409639	0.00000000	0.07142857	0.00000000
## 8	0.00000000	0.00000000	0.02739726	0.01449275	0.15853659	0.00000000
## 9	0.00000000	0.01388889	0.00000000	0.04411765	0.10256410	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 11	0.01587302	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 12	0.00000000	0.06329114	0.01351351	0.12857143	0.06329114	0.00000000
## 13	0.01428571	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.05882353	0.01538462	0.07407407	0.05172414	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.05000000	0.01388889	0.03333333	0.00000000	0.00000000
## 17	0.00000000	0.04838710	0.00000000	0.05084746	0.04918033	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.17307692	0.02666667	0.00000000
## 19	0.03488372	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.01754386	0.00000000	0.13114754	0.01612903	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.10526316	0.01449275	0.00000000
## 23	0.00000000	0.03448276	0.01351351	0.08196721	0.03947368	0.00000000
## 24	0.00000000	0.02985075	0.01333333	0.00000000	0.01449275	0.00000000
## 25	0.00000000	0.02985075	0.00000000	0.00000000	0.09589041	0.00000000
## 26	0.01492537	0.06153846	0.08823529	0.00000000	0.02631579	0.00000000
## 27	0.00000000	0.03571429	0.01851852	0.07407407	0.12820513	0.00000000
## 28	0.01250000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 29	0.00000000	0.03076923	0.00000000	0.01666667	0.02941176	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05454545
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.01333333
## 32	0.00000000	0.01369863	0.00000000	0.01587302	0.02739726	0.00000000
## 33	0.00000000	0.00000000	0.01369863	0.04166667	0.04000000	0.00000000
## 34	0.00000000	0.01562500	0.00000000	0.20000000	0.02857143	0.00000000
## 35	0.00000000	0.08474576	0.00000000	0.08163265	0.05714286	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 38	0.00000000	0.04000000	0.00000000	0.07936508	0.05333333	0.00000000
## 39	0.00000000	0.02816901	0.00000000	0.10769231	0.05970149	0.00000000
## 40	0.00000000	0.04545455	0.00000000	0.01388889	0.00000000	0.00000000
## 41	0.00000000	0.05000000	0.01333333	0.12500000	0.06329114	0.00000000
## 42	0.00000000	0.04109589	0.01408451	0.14925373	0.01219512	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01492537	0.00000000	0.01470588	0.00000000
## 45	0.00000000	0.01694915	0.00000000	0.15000000	0.03030303	0.00000000
## 46	0.00000000	0.09523810	0.00000000	0.01886792	0.02857143	0.00000000
## 47	0.00000000	0.03571429	0.04761905	0.03448276	0.02739726	0.00000000
## 48	0.00000000	0.00000000	0.02898551	0.06250000	0.12500000	0.00000000
## 49	0.00000000	0.06557377	0.02985075	0.07843137	0.09090909	0.00000000
## 50	0.00000000	0.04411765	0.02898551	0.02985075	0.03529412	0.00000000
## 51	0.00000000	0.01515152	0.01470588	0.19642857	0.10769231	0.00000000
## 52	0.04054054	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 54	0.00000000	0.03333333	0.03571429	0.03703704	0.18461538	0.00000000
## 55	0.01562500	0.03703704	0.04285714	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.09523810	0.06578947	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 58	0.10937500	0.00000000	0.00000000	0.04000000	0.00000000	0.00000000
## 59	0.01298701	0.01333333	0.00000000	0.06666667	0.00000000	0.02857143
## 60	0.00000000	0.03333333	0.03508772	0.09836066	0.00000000	0.00000000
## 61	0.02597403	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
##	655	656	657	658	659	660
## 1	0.00000000	0.01492537	0.00000000	0.01724138	0.05084746	0.01428571
## 2	0.00000000	0.01562500	0.00000000	0.00000000	0.01639344	0.04687500
## 3	0.00000000	0.00000000	0.01538462	0.08823529	0.00000000	0.00000000
## 4	0.02666667	0.01428571	0.00000000	0.00000000	0.03125000	0.04347826
## 5	0.02666667	0.05084746	0.00000000	0.00000000	0.06779661	0.06666667
## 6	0.06944444	0.04838710	0.00000000	0.00000000	0.02941176	0.02739726
## 7	0.06666667	0.12359551	0.00000000	0.00000000	0.05194805	0.05813953
## 8	0.04225352	0.02816901	0.00000000	0.00000000	0.01408451	0.01234568
## 9	0.04615385	0.03076923	0.00000000	0.00000000	0.01515152	0.05633803
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176
## 11	0.01538462	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.05263158	0.09859155	0.00000000	0.00000000	0.01351351	0.02564103
## 13	0.00000000	0.00000000	0.01449275	0.11666667	0.00000000	0.00000000
## 14	0.03448276	0.02127660	0.00000000	0.00000000	0.07407407	0.03448276
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.02739726	0.01470588	0.00000000	0.00000000	0.02941176	0.02898551
## 17	0.05263158	0.09589041	0.00000000	0.00000000	0.06896552	0.06250000
## 18	0.03030303	0.07246377	0.00000000	0.00000000	0.03076923	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01351351	0.02777778	0.03030303	0.00000000	0.00000000
## 21	0.07042254	0.03846154	0.00000000	0.00000000	0.03225806	0.08333333
## 22	0.06666667	0.01515152	0.00000000	0.00000000	0.00000000	0.03030303
## 23	0.08571429	0.12857143	0.00000000	0.00000000	0.11764706	0.03896104
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.09859155	0.04166667	0.00000000	0.00000000	0.01408451	0.07142857
## 26	0.03389831	0.10169492	0.00000000	0.00000000	0.08108108	0.03030303
## 27	0.12903226	0.05882353	0.00000000	0.00000000	0.00000000	0.08571429
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01694915	0.01282051	0.00000000	0.00000000	0.01408451	0.09375000

## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01562500	0.01492537	0.01724138	0.00000000	0.00000000	0.05194805
## 33	0.06060606	0.05333333	0.00000000	0.00000000	0.03174603	0.02531646
## 34	0.00000000	0.10144928	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.01587302	0.01515152	0.00000000	0.00000000	0.01886792	0.02702703
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 38	0.04166667	0.07246377	0.00000000	0.00000000	0.05405405	0.01369863
## 39	0.05714286	0.05172414	0.00000000	0.00000000	0.03125000	0.04615385
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 41	0.07462687	0.10144928	0.00000000	0.00000000	0.08955224	0.10958904
## 42	0.02941176	0.00000000	0.00000000	0.00000000	0.08823529	0.01428571
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01639344	0.00000000	0.00000000	0.07692308	0.03636364
## 45	0.00000000	0.11267606	0.00000000	0.00000000	0.08333333	0.04411765
## 46	0.01666667	0.24285714	0.00000000	0.00000000	0.10714286	0.00000000
## 47	0.01492537	0.12500000	0.00000000	0.00000000	0.05555556	0.06896552
## 48	0.01694915	0.08196721	0.00000000	0.00000000	0.03278689	0.01369863
## 49	0.01428571	0.04000000	0.00000000	0.00000000	0.01470588	0.12676056
## 50	0.07462687	0.17142857	0.00000000	0.00000000	0.03225806	0.09375000
## 51	0.16666667	0.11940299	0.00000000	0.00000000	0.07812500	0.12727273
## 52	0.00000000	0.02898551	0.02040816	0.01562500	0.00000000	0.00000000
## 53	0.00000000	0.01923077	0.00000000	0.00000000	0.00000000	0.03125000
## 54	0.05769231	0.13793103	0.00000000	0.00000000	0.11864407	0.20689655
## 55	0.01492537	0.03125000	0.00000000	0.00000000	0.01724138	0.00000000
## 56	0.08955224	0.10526316	0.00000000	0.00000000	0.04615385	0.06153846
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	661	662	663	664	665	666
## 1	0.03225806	0.00000000	0.00000000	0.01639344	0.01408451	0.06896552
## 2	0.00000000	0.00000000	0.00000000	0.05714286	0.01265823	0.03174603
## 3	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.02941176	0.03846154	0.15492958
## 5	0.01408451	0.00000000	0.00000000	0.04225352	0.01265823	0.04225352
## 6	0.00000000	0.00000000	0.00000000	0.07462687	0.01298701	0.08196721
## 7	0.00000000	0.00000000	0.00000000	0.07142857	0.09090909	0.01428571
## 8	0.01388889	0.00000000	0.00000000	0.06493506	0.04705882	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.07936508	0.08571429	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 11	0.01515152	0.00000000	0.01351351	0.01639344	0.00000000	0.03125000
## 12	0.02941176	0.00000000	0.00000000	0.06976744	0.00000000	0.11111111
## 13	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.06000000	0.00000000	0.05454545
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.05633803	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823
## 17	0.00000000	0.00000000	0.00000000	0.03125000	0.01369863	0.06451613
## 18	0.01428571	0.00000000	0.00000000	0.06060606	0.00000000	0.04545455
## 19	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000
## 20	0.02702703	0.01234568	0.01315789	0.00000000	0.01315789	0.00000000
## 21	0.01515152	0.00000000	0.00000000	0.10769231	0.07594937	0.09836066



## 22	0.01428571	0.00000000	0.00000000	0.05555556	0.03076923	0.07246377
## 23	0.01190476	0.00000000	0.00000000	0.08064516	0.01176471	0.20289855
## 24	0.00000000	0.00000000	0.00000000	0.06153846	0.02857143	0.04285714
## 25	0.00000000	0.00000000	0.00000000	0.01449275	0.01250000	0.01449275
## 26	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.04687500	0.24242424	0.01818182
## 28	0.02941176	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01388889	0.01428571	0.01388889	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.01587302
## 33	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.10447761
## 34	0.00000000	0.00000000	0.00000000	0.04545455	0.01369863	0.03389831
## 35	0.00000000	0.00000000	0.00000000	0.09722222	0.03125000	0.01960784
## 36	0.01886792	0.00000000	0.05882353	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.12987013	0.01333333	0.07500000
## 39	0.00000000	0.00000000	0.00000000	0.09722222	0.00000000	0.06666667
## 40	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.11428571	0.02898551	0.14516129
## 42	0.01408451	0.00000000	0.00000000	0.11764706	0.00000000	0.06153846
## 43	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01515152	0.00000000	0.00000000	0.16279070	0.01333333	0.08333333
## 46	0.07142857	0.00000000	0.00000000	0.08333333	0.00000000	0.11666667
## 47	0.04545455	0.00000000	0.00000000	0.07352941	0.02739726	0.05660377
## 48	0.00000000	0.00000000	0.00000000	0.16129032	0.06578947	0.03278689
## 49	0.00000000	0.00000000	0.00000000	0.03278689	0.04054054	0.01923077
## 50	0.01492537	0.00000000	0.00000000	0.00000000	0.01250000	0.05263158
## 51	0.00000000	0.00000000	0.00000000	0.12121212	0.00000000	0.19696970
## 52	0.00000000	0.04347826	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01449275	0.00000000	0.01282051	0.00000000
## 54	0.03174603	0.00000000	0.00000000	0.03389831	0.06849315	0.07142857
## 55	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 56	0.01538462	0.00000000	0.00000000	0.11666667	0.00000000	0.13114754
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01388889	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.07407407	0.00000000	0.00000000	0.05000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	667	668	669	670	671	672
## 1	0.00000000	0.04615385	0.00000000	0.03846154	0.00000000	0.02816901
## 2	0.01428571	0.05714286	0.04347826	0.02898551	0.01538462	0.06666667
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.08333333	0.06329114	0.01298701	0.01351351	0.09859155
## 5	0.00000000	0.09090909	0.11538462	0.04109589	0.00000000	0.07352941
## 6	0.00000000	0.07352941	0.07812500	0.03947368	0.00000000	0.26388889
## 7	0.00000000	0.09859155	0.07317073	0.00000000	0.01639344	0.14606742
## 8	0.00000000	0.07246377	0.01333333	0.00000000	0.00000000	0.08450704
## 9	0.00000000	0.08620690	0.00000000	0.01428571	0.00000000	0.07246377
## 10	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.03225806	0.07042254	0.01333333	0.00000000	0.01315789
## 12	0.00000000	0.09090909	0.15662651	0.09411765	0.00000000	0.16000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 14	0.00000000	0.09836066	0.13461538	0.06451613	0.00000000	0.16949153
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.06896552	0.00000000	0.04225352	0.01587302	0.06944444
## 17	0.00000000	0.16666667	0.01492537	0.01562500	0.00000000	0.13043478
## 18	0.00000000	0.04477612	0.05000000	0.07936508	0.00000000	0.03076923
## 19	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01250000	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000
## 21	0.00000000	0.20000000	0.07142857	0.06250000	0.01851852	0.14754098
## 22	0.00000000	0.01785714	0.14062500	0.01515152	0.00000000	0.08928571
## 23	0.00000000	0.04166667	0.18750000	0.08219178	0.00000000	0.08219178
## 24	0.00000000	0.03225806	0.04411765	0.01298701	0.01515152	0.02777778
## 25	0.00000000	0.06153846	0.01282051	0.00000000	0.00000000	0.05405405
## 26	0.00000000	0.01851852	0.02666667	0.03125000	0.01562500	0.03125000
## 27	0.00000000	0.09433962	0.00000000	0.01408451	0.00000000	0.18333333
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01369863	0.00000000	0.01234568	0.00000000	0.02816901
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01492537	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000	0.01492537
## 33	0.00000000	0.00000000	0.10256410	0.06849315	0.00000000	0.02702703
## 34	0.00000000	0.01470588	0.07462687	0.05405405	0.01562500	0.05714286
## 35	0.00000000	0.07692308	0.01785714	0.12068966	0.01923077	0.09836066
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.11940299	0.11688312	0.06849315	0.00000000	0.25757576
## 39	0.00000000	0.08450704	0.13846154	0.10000000	0.03389831	0.12500000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.10714286	0.14492754	0.10909091	0.01666667	0.19047619
## 42	0.00000000	0.12698413	0.08108108	0.11904762	0.01562500	0.15714286
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.06557377	0.09230769	0.19402985	0.00000000	0.04838710
## 46	0.00000000	0.01449275	0.08695652	0.10937500	0.01886792	0.09523810
## 47	0.00000000	0.01639344	0.07246377	0.04054054	0.00000000	0.07692308
## 48	0.00000000	0.05660377	0.08219178	0.02777778	0.01886792	0.10769231
## 49	0.00000000	0.01587302	0.05714286	0.01315789	0.00000000	0.06060606
## 50	0.00000000	0.01694915	0.07500000	0.04285714	0.00000000	0.04225352
## 51	0.00000000	0.16666667	0.22580645	0.09090909	0.01666667	0.17187500
## 52	0.00000000	0.01612903	0.00000000	0.00000000	0.04615385	0.01369863
## 53	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.09523810	0.11111111	0.02898551	0.00000000	0.24193548
## 55	0.00000000	0.00000000	0.03030303	0.01562500	0.00000000	0.01818182
## 56	0.00000000	0.17910448	0.23333333	0.16666667	0.00000000	0.20588235
## 57	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01587302	0.00000000	0.00000000	0.05084746	0.00000000
## 59	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.01428571
## 60	0.00000000	0.03508772	0.00000000	0.03174603	0.00000000	0.04545455
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.13793103	0.00000000
##	673	674	675	676	677	678
## 1	0.015151515	0.00000000	0.01666667	0.01388889	0.01351351	0.00000000
## 2	0.090909091	0.07936508	0.04545455	0.01282051	0.00000000	0.00000000
## 3	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.041095890	0.00000000	0.19117647	0.01265823	0.00000000	0.03225806
## 5	0.179487179	0.01851852	0.08450704	0.01333333	0.00000000	0.00000000

## 6	0.060975610	0.00000000	0.11594203	0.00000000	0.00000000	0.01515152
## 7	0.047619048	0.04347826	0.24285714	0.02083333	0.00000000	0.02380952
## 8	0.073170732	0.08823529	0.24242424	0.02469136	0.00000000	0.04054054
## 9	0.015625000	0.16923077	0.16176471	0.00000000	0.00000000	0.03389831
## 10	0.000000000	0.01818182	0.00000000	0.00000000	0.00000000	0.03225806
## 11	0.000000000	0.00000000	0.02777778	0.02777778	0.00000000	0.00000000
## 12	0.073170732	0.01515152	0.15714286	0.00000000	0.00000000	0.02898551
## 13	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.225352113	0.01960784	0.17647059	0.01724138	0.00000000	0.02083333
## 15	0.011111111	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 16	0.083333333	0.01351351	0.06250000	0.00000000	0.00000000	0.01492537
## 17	0.108108108	0.01694915	0.14545455	0.02941176	0.00000000	0.06666667
## 18	0.074626866	0.00000000	0.01639344	0.03174603	0.01694915	0.00000000
## 19	0.014705882	0.00000000	0.00000000	0.00000000	0.00000000	0.06349206
## 20	0.000000000	0.01515152	0.00000000	0.00000000	0.00000000	0.02985075
## 21	0.191176471	0.04477612	0.21212121	0.00000000	0.00000000	0.03225806
## 22	0.205479452	0.00000000	0.02985075	0.04285714	0.00000000	0.00000000
## 23	0.152777778	0.00000000	0.08108108	0.01234568	0.00000000	0.04411765
## 24	0.078947368	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000
## 25	0.036144578	0.00000000	0.06250000	0.00000000	0.00000000	0.01428571
## 26	0.000000000	0.01666667	0.03947368	0.01333333	0.01587302	0.00000000
## 27	0.056338028	0.00000000	0.12698413	0.01351351	0.00000000	0.04545455
## 28	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.014925373	0.03448276	0.01612903	0.04225352	0.00000000	0.00000000
## 30	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.000000000	0.00000000	0.01612903	0.00000000	0.00000000	0.01449275
## 32	0.000000000	0.01639344	0.00000000	0.00000000	0.00000000	0.03125000
## 33	0.060240964	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000
## 34	0.058823529	0.01785714	0.03448276	0.17142857	0.01818182	0.00000000
## 35	0.106060606	0.00000000	0.08064516	0.00000000	0.00000000	0.03278689
## 36	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.162790698	0.01470588	0.13432836	0.05194805	0.00000000	0.01492537
## 39	0.117647059	0.00000000	0.17808219	0.02564103	0.03225806	0.02857143
## 40	0.013513514	0.00000000	0.00000000	0.01333333	0.01250000	0.00000000
## 41	0.279411765	0.01612903	0.17808219	0.11940299	0.00000000	0.04687500
## 42	0.213333333	0.02816901	0.13888889	0.06329114	0.00000000	0.03571429
## 43	0.000000000	0.00000000	0.00000000	0.00000000	0.10937500	0.00000000
## 44	0.000000000	0.01639344	0.00000000	0.01351351	0.00000000	0.00000000
## 45	0.147058824	0.01587302	0.05970149	0.05263158	0.00000000	0.00000000
## 46	0.125000000	0.01886792	0.09375000	0.00000000	0.01639344	0.00000000
## 47	0.044117647	0.01785714	0.15094340	0.02941176	0.00000000	0.01666667
## 48	0.116883117	0.00000000	0.24242424	0.00000000	0.00000000	0.00000000
## 49	0.029850746	0.00000000	0.07352941	0.01388889	0.00000000	0.03278689
## 50	0.057142857	0.03278689	0.15853659	0.00000000	0.01351351	0.00000000
## 51	0.250000000	0.01886792	0.10769231	0.02857143	0.00000000	0.01449275
## 52	0.000000000	0.00000000	0.01428571	0.00000000	0.04545455	0.00000000
## 53	0.000000000	0.00000000	0.02898551	0.00000000	0.00000000	0.07575758
## 54	0.097222222	0.03846154	0.23880597	0.03030303	0.00000000	0.03278689
## 55	0.000000000	0.00000000	0.02816901	0.00000000	0.00000000	0.01515152
## 56	0.111111111	0.00000000	0.15384615	0.00000000	0.00000000	0.01666667
## 57	0.000000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.000000000	0.00000000	0.03571429	0.02985075	0.01754386	0.00000000
## 59	0.025974026	0.04918033	0.04545455	0.01428571	0.00000000	0.01492537

## 60	0.045454545	0.01724138	0.04109589	0.06060606	0.00000000	0.00000000
## 61	0.000000000	0.01851852	0.00000000	0.00000000	0.08196721	0.00000000
##	679	680	681	682	683	684
## 1	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.06666667	0.00000000	0.11940299
## 3	0.01470588	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579
## 5	0.00000000	0.00000000	0.00000000	0.10169492	0.00000000	0.05263158
## 6	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.04687500
## 7	0.00000000	0.00000000	0.00000000	0.03658537	0.00000000	0.04225352
## 8	0.00000000	0.00000000	0.00000000	0.05194805	0.00000000	0.04411765
## 9	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.01388889
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.03125000	0.01492537	0.03658537
## 12	0.00000000	0.00000000	0.00000000	0.17857143	0.00000000	0.10344828
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.13793103	0.00000000	0.10447761
## 15	0.01190476	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 16	0.00000000	0.01449275	0.00000000	0.05063291	0.00000000	0.02777778
## 17	0.00000000	0.00000000	0.00000000	0.11267606	0.00000000	0.07462687
## 18	0.00000000	0.00000000	0.00000000	0.06451613	0.00000000	0.03125000
## 19	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.04054054	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.18571429	0.00000000	0.10000000
## 22	0.00000000	0.00000000	0.00000000	0.16000000	0.00000000	0.27777778
## 23	0.00000000	0.00000000	0.00000000	0.09677419	0.00000000	0.11428571
## 24	0.02702703	0.00000000	0.01538462	0.04109589	0.00000000	0.01315789
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 30	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.05479452	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.14925373	0.00000000	0.08000000
## 34	0.00000000	0.00000000	0.00000000	0.10294118	0.00000000	0.02777778
## 35	0.00000000	0.00000000	0.00000000	0.18032787	0.00000000	0.17142857
## 36	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.10144928	0.00000000	0.13043478
## 39	0.00000000	0.00000000	0.00000000	0.15068493	0.00000000	0.12328767
## 40	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.19117647	0.00000000	0.18461538
## 42	0.00000000	0.00000000	0.00000000	0.20547945	0.00000000	0.19444444
## 43	0.00000000	0.02631579	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.17391304	0.00000000	0.08823529
## 46	0.00000000	0.00000000	0.00000000	0.18181818	0.00000000	0.18840580
## 47	0.00000000	0.00000000	0.00000000	0.09589041	0.00000000	0.07692308
## 48	0.00000000	0.00000000	0.00000000	0.10810811	0.00000000	0.14285714
## 49	0.00000000	0.00000000	0.00000000	0.06451613	0.00000000	0.02739726
## 50	0.00000000	0.00000000	0.00000000	0.07317073	0.00000000	0.04411765
## 51	0.00000000	0.00000000	0.00000000	0.14516129	0.00000000	0.10810811

## 52	0.01408451	0.05084746	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 55	0.00000000	0.01785714	0.00000000	0.01428571	0.01562500	0.01612903
## 56	0.00000000	0.00000000	0.00000000	0.24285714	0.00000000	0.17333333
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01538462	0.00000000	0.07812500	0.00000000	0.00000000	0.01470588
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01724138	0.01449275	0.03333333
## 61	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
##	685	686	687	688	689	690
## 1	0.00000000	0.00000000	0.00000000	0.01492537	0.02898551	0.00000000
## 2	0.02941176	0.00000000	0.06896552	0.06451613	0.03030303	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01587302	0.00000000	0.04411765	0.04285714	0.03333333	0.00000000
## 5	0.00000000	0.00000000	0.03896104	0.02857143	0.02739726	0.00000000
## 6	0.04411765	0.00000000	0.10666667	0.01694915	0.05882353	0.00000000
## 7	0.01333333	0.00000000	0.20253165	0.01282051	0.02702703	0.00000000
## 8	0.00000000	0.00000000	0.11363636	0.04109589	0.00000000	0.00000000
## 9	0.04411765	0.00000000	0.06756757	0.00000000	0.01612903	0.00000000
## 10	0.01562500	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01408451	0.05479452	0.04477612	0.00000000
## 12	0.00000000	0.00000000	0.03488372	0.11940299	0.06849315	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.10344828	0.13793103	0.13333333	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.02985075	0.05714286	0.02898551	0.00000000
## 17	0.00000000	0.00000000	0.07462687	0.09836066	0.01587302	0.00000000
## 18	0.00000000	0.00000000	0.01470588	0.10000000	0.01562500	0.00000000
## 19	0.03278689	0.07575758	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.01492537	0.00000000	0.11290323	0.05172414	0.06666667	0.00000000
## 22	0.00000000	0.00000000	0.01538462	0.11940299	0.03225806	0.00000000
## 23	0.00000000	0.00000000	0.08333333	0.08823529	0.04687500	0.00000000
## 24	0.01612903	0.00000000	0.02898551	0.04347826	0.01639344	0.00000000
## 25	0.03030303	0.00000000	0.01298701	0.00000000	0.10000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.01492537	0.05000000	0.00000000
## 27	0.00000000	0.01492537	0.05970149	0.01923077	0.01666667	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 29	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.03797468	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01639344	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
## 33	0.01538462	0.00000000	0.06172840	0.10606061	0.04225352	0.00000000
## 34	0.00000000	0.00000000	0.03125000	0.02777778	0.01666667	0.00000000
## 35	0.00000000	0.01785714	0.01515152	0.06451613	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01315789	0.01333333	0.07228916	0.09459459	0.11111111	0.00000000
## 39	0.01492537	0.00000000	0.07142857	0.10769231	0.07575758	0.00000000
## 40	0.00000000	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.06557377	0.19354839	0.05000000	0.00000000
## 42	0.01408451	0.00000000	0.05263158	0.17142857	0.01538462	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714	0.00000000

## 44	0.00000000	0.00000000	0.01639344	0.00000000	0.01724138	0.00000000
## 45	0.00000000	0.00000000	0.02816901	0.05000000	0.03174603	0.00000000
## 46	0.01612903	0.00000000	0.03030303	0.15492958	0.12500000	0.00000000
## 47	0.03703704	0.00000000	0.14754098	0.03636364	0.02000000	0.00000000
## 48	0.03125000	0.00000000	0.07812500	0.04918033	0.01785714	0.00000000
## 49	0.01449275	0.00000000	0.10256410	0.00000000	0.03333333	0.00000000
## 50	0.00000000	0.00000000	0.07575758	0.04477612	0.04687500	0.00000000
## 51	0.03125000	0.01449275	0.07352941	0.08474576	0.06451613	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.05479452	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.04761905	0.00000000	0.17142857	0.12280702	0.06666667	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000
## 56	0.01612903	0.00000000	0.04545455	0.13432836	0.09230769	0.00000000
## 57	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000	0.01351351
## 58	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.02898551	0.01492537	0.01587302	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.05882353	0.01886792	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	691	692	693	694	695	696
## 1	0.01298701	0.01333333	0.00000000	0.01470588	0.00000000	0.00000000
## 2	0.02941176	0.00000000	0.06666667	0.02985075	0.02816901	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.08823529	0.05882353	0.10169492	0.01408451	0.01538462	0.00000000
## 5	0.08000000	0.05333333	0.10769231	0.05970149	0.04285714	0.00000000
## 6	0.13333333	0.03896104	0.03174603	0.01408451	0.02985075	0.00000000
## 7	0.10975610	0.02816901	0.09090909	0.05194805	0.05405405	0.00000000
## 8	0.08108108	0.00000000	0.06250000	0.04411765	0.00000000	0.00000000
## 9	0.07812500	0.02739726	0.12068966	0.01428571	0.08450704	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02702703	0.00000000	0.02941176	0.01449275	0.00000000	0.00000000
## 12	0.14285714	0.06410256	0.00000000	0.08641975	0.02739726	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.11320755	0.11666667	0.10714286	0.03921569	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 16	0.02702703	0.02857143	0.06349206	0.02739726	0.04477612	0.00000000
## 17	0.09523810	0.01369863	0.07407407	0.12500000	0.03174603	0.00000000
## 18	0.04347826	0.01724138	0.07462687	0.03225806	0.00000000	0.01538462
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01351351	0.00000000	0.00000000	0.01470588	0.00000000
## 21	0.10000000	0.06493506	0.25396825	0.07462687	0.00000000	0.00000000
## 22	0.04285714	0.00000000	0.06451613	0.06779661	0.03076923	0.00000000
## 23	0.18987342	0.04347826	0.04545455	0.14666667	0.04918033	0.00000000
## 24	0.04687500	0.00000000	0.02941176	0.04347826	0.00000000	0.00000000
## 25	0.01315789	0.00000000	0.05555556	0.06944444	0.04545455	0.00000000
## 26	0.01388889	0.10526316	0.00000000	0.01612903	0.01538462	0.00000000
## 27	0.05555556	0.01666667	0.12500000	0.02941176	0.08196721	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000	0.01639344
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 33	0.06578947	0.01298701	0.01351351	0.13698630	0.00000000	0.01351351
## 34	0.06060606	0.00000000	0.03703704	0.02857143	0.01515152	0.00000000
## 35	0.11267606	0.05084746	0.14035088	0.01785714	0.03846154	0.00000000

## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.28750000	0.06329114	0.08695652	0.02857143	0.01333333	0.00000000
## 39	0.13698630	0.07594937	0.03703704	0.06666667	0.01538462	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.01428571
## 41	0.12676056	0.08450704	0.10769231	0.06849315	0.01428571	0.01562500
## 42	0.11764706	0.00000000	0.12903226	0.08536585	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.08474576
## 45	0.08823529	0.02857143	0.03278689	0.07142857	0.01333333	0.01515152
## 46	0.14864865	0.03225806	0.01388889	0.08823529	0.04225352	0.01851852
## 47	0.07246377	0.03125000	0.03333333	0.09375000	0.08064516	0.00000000
## 48	0.07792208	0.02702703	0.10344828	0.04109589	0.01587302	0.00000000
## 49	0.06849315	0.01515152	0.03225806	0.09375000	0.01515152	0.00000000
## 50	0.02352941	0.04000000	0.02941176	0.08450704	0.04615385	0.00000000
## 51	0.17142857	0.08196721	0.15789474	0.03125000	0.04477612	0.00000000
## 52	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01351351	0.00000000	0.02597403	0.02985075	0.00000000
## 54	0.05555556	0.05555556	0.10714286	0.12121212	0.06557377	0.01694915
## 55	0.02898551	0.08823529	0.00000000	0.00000000	0.01694915	0.00000000
## 56	0.20588235	0.05797101	0.06896552	0.07575758	0.03571429	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01408451	0.00000000	0.06779661	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.07462687	0.01612903	0.00000000	0.03174603
## 60	0.01470588	0.01639344	0.08064516	0.00000000	0.00000000	0.02941176
## 61	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
##	697	698	699	700	701	702
## 1	0.03846154	0.00000000	0.01515152	0.00000000	0.01492537	0.01612903
## 2	0.14062500	0.00000000	0.13793103	0.01265823	0.01639344	0.02898551
## 3	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.06756757	0.00000000	0.11594203	0.00000000	0.01492537	0.09722222
## 5	0.05172414	0.00000000	0.07042254	0.00000000	0.03174603	0.02941176
## 6	0.10666667	0.00000000	0.04615385	0.00000000	0.00000000	0.06172840
## 7	0.02739726	0.00000000	0.25925926	0.02000000	0.05405405	0.04545455
## 8	0.12987013	0.00000000	0.16438356	0.00000000	0.01449275	0.07407407
## 9	0.00000000	0.00000000	0.06578947	0.06666667	0.11111111	0.09090909
## 10	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000
## 11	0.06666667	0.00000000	0.01515152	0.00000000	0.00000000	0.04000000
## 12	0.08823529	0.00000000	0.13698630	0.02380952	0.01234568	0.07692308
## 13	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.13333333	0.00000000	0.12903226	0.01666667	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.04109589	0.00000000	0.07462687	0.00000000	0.00000000	0.04819277
## 17	0.20312500	0.00000000	0.19178082	0.01282051	0.01785714	0.05000000
## 18	0.09090909	0.00000000	0.03333333	0.03797468	0.00000000	0.01538462
## 19	0.00000000	0.00000000	0.00000000	0.03846154	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 21	0.10294118	0.00000000	0.18644068	0.03797468	0.01923077	0.08955224
## 22	0.06779661	0.00000000	0.01449275	0.01369863	0.00000000	0.09333333
## 23	0.10769231	0.00000000	0.08064516	0.00000000	0.03278689	0.06410256
## 24	0.04285714	0.00000000	0.01298701	0.00000000	0.01612903	0.06493506
## 25	0.02666667	0.00000000	0.02702703	0.00000000	0.00000000	0.01298701
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.04687500	0.00000000	0.04109589	0.07462687	0.08064516	0.05172414

## 28	0.00000000	0.00000000	0.00000000	0.03488372	0.00000000	0.01190476
## 29	0.00000000	0.00000000	0.06944444	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000	0.02500000
## 32	0.00000000	0.00000000	0.00000000	0.08823529	0.04411765	0.00000000
## 33	0.06060606	0.00000000	0.02500000	0.01282051	0.00000000	0.02500000
## 34	0.13333333	0.00000000	0.04000000	0.03076923	0.03571429	0.01587302
## 35	0.21666667	0.00000000	0.09375000	0.07017544	0.01724138	0.05633803
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.21621622	0.00000000	0.16216216	0.02531646	0.04225352	0.03571429
## 39	0.21538462	0.00000000	0.12500000	0.01369863	0.00000000	0.04477612
## 40	0.00000000	0.15068493	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.25352113	0.00000000	0.16666667	0.03947368	0.04615385	0.03030303
## 42	0.13698630	0.00000000	0.13432836	0.02500000	0.00000000	0.04878049
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01666667	0.00000000	0.01408451	0.00000000	0.01562500
## 45	0.25000000	0.00000000	0.04166667	0.02597403	0.01639344	0.07812500
## 46	0.06060606	0.00000000	0.04545455	0.01219512	0.01666667	0.02857143
## 47	0.05714286	0.00000000	0.09677419	0.01219512	0.04687500	0.08333333
## 48	0.13432836	0.00000000	0.13846154	0.07317073	0.02173913	0.08823529
## 49	0.02941176	0.01639344	0.16417910	0.04819277	0.01785714	0.01282051
## 50	0.09090909	0.00000000	0.07936508	0.01111111	0.00000000	0.07594937
## 51	0.15151515	0.00000000	0.12903226	0.01408451	0.04081633	0.11111111
## 52	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.03125000	0.00000000	0.01428571	0.01219512	0.01666667	0.00000000
## 54	0.11666667	0.00000000	0.15873016	0.03030303	0.07017544	0.14705882
## 55	0.00000000	0.00000000	0.01388889	0.00000000	0.01612903	0.00000000
## 56	0.25000000	0.00000000	0.23529412	0.02777778	0.00000000	0.06756757
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 58	0.06557377	0.00000000	0.01538462	0.02816901	0.01754386	0.01492537
## 59	0.04411765	0.00000000	0.02739726	0.05952381	0.03846154	0.01333333
## 60	0.00000000	0.00000000	0.03125000	0.04054054	0.02325581	0.01492537
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01219512
##	703	704	705	706	707	708
## 1	0.00000000	0.12000000	0.00000000	0.01449275	0.01639344	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333	0.01449275
## 3	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000
## 5	0.00000000	0.04166667	0.00000000	0.00000000	0.08955224	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333	0.00000000
## 9	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.01388889	0.03174603	0.00000000	0.00000000
## 11	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.01538462	0.00000000	0.00000000	0.04054054	0.00000000
## 13	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.05263158	0.00000000
## 15	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 16	0.07792208	0.01562500	0.00000000	0.00000000	0.06779661	0.00000000
## 17	0.00000000	0.05479452	0.00000000	0.00000000	0.08620690	0.00000000
## 18	0.01428571	0.07692308	0.00000000	0.02816901	0.03508772	0.00000000
## 19	0.00000000	0.00000000	0.03658537	0.00000000	0.00000000	0.02531646



## 20	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.01388889	0.00000000	0.00000000	0.00000000	0.09230769	0.00000000
## 22	0.01470588	0.00000000	0.00000000	0.00000000	0.03389831	0.00000000
## 23	0.00000000	0.05479452	0.00000000	0.00000000	0.13207547	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.01234568	0.03125000	0.00000000
## 26	0.00000000	0.04347826	0.00000000	0.00000000	0.04761905	0.00000000
## 27	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.02666667	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 29	0.00000000	0.01449275	0.00000000	0.03947368	0.03076923	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01234568	0.00000000	0.01219512	0.00000000	0.00000000	0.00000000
## 32	0.01449275	0.03389831	0.17910448	0.05882353	0.00000000	0.01538462
## 33	0.00000000	0.01449275	0.00000000	0.01204819	0.03174603	0.00000000
## 34	0.00000000	0.08333333	0.00000000	0.01351351	0.01639344	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386
## 37	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000
## 38	0.01234568	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 39	0.00000000	0.01694915	0.00000000	0.00000000	0.07462687	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.06410256	0.00000000	0.00000000
## 41	0.01369863	0.02739726	0.00000000	0.00000000	0.04285714	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01190476
## 44	0.02777778	0.07812500	0.01470588	0.16417910	0.00000000	0.00000000
## 45	0.00000000	0.05000000	0.00000000	0.00000000	0.08474576	0.00000000
## 46	0.00000000	0.06060606	0.00000000	0.00000000	0.05000000	0.00000000
## 47	0.00000000	0.03333333	0.00000000	0.00000000	0.06557377	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 49	0.00000000	0.01724138	0.00000000	0.00000000	0.04477612	0.00000000
## 50	0.00000000	0.08695652	0.00000000	0.02439024	0.04000000	0.00000000
## 51	0.00000000	0.01587302	0.00000000	0.00000000	0.06451613	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.01818182	0.00000000	0.00000000	0.03773585	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.01694915	0.00000000	0.00000000	0.05357143	0.00000000
## 57	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.02941176	0.01724138	0.00000000	0.00000000	0.00000000	0.02777778
## 59	0.00000000	0.00000000	0.02857143	0.01470588	0.05000000	0.01369863
## 60	0.00000000	0.05084746	0.01562500	0.02777778	0.03225806	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	709	710	711	712	713	714
## 1	0.00000000	0.01315789	0.01562500	0.00000000	0.00000000	0.07575758
## 2	0.19230769	0.13157895	0.02739726	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.05479452	0.01449275	0.01282051	0.00000000	0.00000000	0.00000000
## 6	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.07407407	0.07228916	0.01282051	0.00000000	0.00000000	0.01333333
## 8	0.09210526	0.05813953	0.01333333	0.00000000	0.00000000	0.04054054
## 9	0.11111111	0.06060606	0.00000000	0.00000000	0.00000000	0.03278689
## 10	0.01492537	0.00000000	0.00000000	0.02439024	0.03225806	0.00000000
## 11	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 12	0.09722222	0.04395604	0.01204819	0.00000000	0.00000000	0.02597403
## 13	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 14	0.05454545	0.01562500	0.00000000	0.00000000	0.00000000	0.02857143
## 15	0.01298701	0.01351351	0.01639344	0.05357143	0.00000000	0.00000000
## 16	0.05479452	0.05194805	0.02631579	0.00000000	0.00000000	0.00000000
## 17	0.06849315	0.07042254	0.00000000	0.00000000	0.00000000	0.05128205
## 18	0.02702703	0.02898551	0.00000000	0.00000000	0.00000000	0.01515152
## 19	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 21	0.19402985	0.12698413	0.01587302	0.00000000	0.00000000	0.01408451
## 22	0.07692308	0.05797101	0.00000000	0.00000000	0.00000000	0.01538462
## 23	0.05970149	0.01428571	0.00000000	0.00000000	0.00000000	0.02941176
## 24	0.01470588	0.00000000	0.00000000	0.01562500	0.00000000	0.01351351
## 25	0.02857143	0.05479452	0.00000000	0.00000000	0.00000000	0.01470588
## 26	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 27	0.03896104	0.07352941	0.01388889	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.07692308	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857
## 30	0.00000000	0.00000000	0.01639344	0.00000000	0.03571429	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.08000000	0.00000000	0.00000000
## 32	0.01694915	0.01492537	0.00000000	0.00000000	0.00000000	0.01428571
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 34	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.02898551	0.10000000	0.01388889	0.00000000	0.00000000	0.03508772
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01851852	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.04000000	0.05263158	0.00000000	0.00000000	0.00000000	0.02469136
## 39	0.14473684	0.07352941	0.02739726	0.00000000	0.00000000	0.01369863
## 40	0.00000000	0.01428571	0.01428571	0.00000000	0.00000000	0.01369863
## 41	0.13333333	0.07462687	0.01449275	0.00000000	0.00000000	0.03333333
## 42	0.04109589	0.10975610	0.02898551	0.00000000	0.00000000	0.03076923
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.08474576
## 45	0.02898551	0.01449275	0.00000000	0.00000000	0.00000000	0.01639344
## 46	0.08108108	0.00000000	0.04918033	0.00000000	0.00000000	0.04109589
## 47	0.09859155	0.02985075	0.01694915	0.00000000	0.00000000	0.06153846
## 48	0.18181818	0.22033898	0.02985075	0.00000000	0.00000000	0.00000000
## 49	0.08474576	0.03571429	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.03750000	0.04225352	0.01333333	0.00000000	0.00000000	0.03174603
## 51	0.07042254	0.14925373	0.00000000	0.00000000	0.00000000	0.03508772
## 52	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 53	0.01315789	0.02898551	0.00000000	0.01851852	0.00000000	0.00000000
## 54	0.08064516	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.02898551	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
## 56	0.12500000	0.03333333	0.00000000	0.01923077	0.00000000	0.03174603
## 57	0.00000000	0.00000000	0.04054054	0.00000000	0.00000000	0.00000000
## 58	0.01515152	0.05970149	0.03389831	0.00000000	0.00000000	0.00000000
## 59	0.01694915	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	715	716	717	718	719	720
## 1	0.01492537	0.00000000	0.00000000	0.04761905	0.01562500	0.00000000
## 2	0.00000000	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000

## 4	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
## 5	0.01388889	0.00000000	0.00000000	0.07246377	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.01388889	0.09589041	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.01176471	0.00000000	0.01190476	0.00000000
## 8	0.00000000	0.00000000	0.01351351	0.02597403	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01449275	0.01587302	0.04000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.09210526	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.01562500	0.08333333	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.01492537	0.11594203	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.03389831	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.04545455	0.04615385	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.19298246	0.00000000	0.00000000
## 24	0.00000000	0.01449275	0.00000000	0.06060606	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01538462	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.01470588	0.00000000	0.00000000	0.01250000	0.00000000
## 29	0.02857143	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.12500000	0.00000000	0.00000000
## 34	0.01639344	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.05172414	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.01538462	0.11392405	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.10294118	0.00000000	0.00000000
## 40	0.05263158	0.05797101	0.00000000	0.01428571	0.01351351	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.09836066	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.02898551	0.02739726	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.25000000	0.00000000	0.00000000	0.00000000	0.01515152	0.03278689
## 45	0.00000000	0.00000000	0.01587302	0.07812500	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.16176471	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.06779661	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.02941176	0.08450704	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 50	0.00000000	0.00000000	0.02531646	0.04285714	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.02941176	0.07575758	0.00000000	0.00000000
## 52	0.00000000	0.01587302	0.00000000	0.03278689	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.04918033	0.09090909	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.16438356	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 58	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000
## 59	0.04411765	0.00000000	0.01538462	0.00000000	0.01449275	0.01639344
## 60	0.01724138	0.00000000	0.00000000	0.03125000	0.01612903	0.01694915
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	721	722	723	724	725	726
## 1	0.00000000	0.02898551	0.00000000	0.01694915	0.00000000	0.00000000
## 2	0.00000000	0.07352941	0.00000000	0.12500000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.05063291	0.05633803	0.04000000
## 5	0.00000000	0.12903226	0.00000000	0.02531646	0.00000000	0.01149425
## 6	0.00000000	0.08450704	0.00000000	0.12328767	0.04477612	0.04347826
## 7	0.00000000	0.06666667	0.00000000	0.19540230	0.06097561	0.10344828
## 8	0.00000000	0.01282051	0.00000000	0.19230769	0.02985075	0.01265823
## 9	0.00000000	0.00000000	0.01449275	0.08571429	0.01428571	0.02597403
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.03571429	0.00000000	0.09756098	0.00000000	0.00000000
## 12	0.00000000	0.10714286	0.00000000	0.18478261	0.02631579	0.02597403
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.17910448	0.00000000	0.14705882	0.03389831	0.03333333
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.00000000
## 16	0.00000000	0.02816901	0.00000000	0.07142857	0.00000000	0.05405405
## 17	0.00000000	0.14285714	0.00000000	0.14285714	0.03174603	0.00000000
## 18	0.00000000	0.04615385	0.00000000	0.03947368	0.00000000	0.10447761
## 19	0.00000000	0.00000000	0.00000000	0.01250000	0.04838710	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 21	0.00000000	0.05633803	0.00000000	0.28571429	0.07547170	0.06578947
## 22	0.00000000	0.07792208	0.00000000	0.08000000	0.00000000	0.01449275
## 23	0.00000000	0.21686747	0.00000000	0.07594937	0.01587302	0.03947368
## 24	0.00000000	0.04225352	0.00000000	0.02702703	0.00000000	0.01408451
## 25	0.00000000	0.02439024	0.00000000	0.02247191	0.00000000	0.05263158
## 26	0.00000000	0.01408451	0.01960784	0.04761905	0.00000000	0.01538462
## 27	0.00000000	0.00000000	0.01562500	0.06756757	0.01315789	0.05797101
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01538462	0.02857143	0.00000000	0.02777778
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.20634921	0.00000000	0.01562500	0.01492537
## 33	0.00000000	0.12857143	0.00000000	0.06666667	0.00000000	0.02500000
## 34	0.00000000	0.04477612	0.01724138	0.05714286	0.05882353	0.03174603
## 35	0.00000000	0.06250000	0.00000000	0.15384615	0.01470588	0.04054054
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.14285714	0.00000000	0.17500000	0.02898551	0.01388889
## 39	0.00000000	0.08064516	0.00000000	0.17808219	0.00000000	0.01315789
## 40	0.00000000	0.01234568	0.03076923	0.00000000	0.00000000	0.02597403
## 41	0.00000000	0.18333333	0.00000000	0.22222222	0.00000000	0.09722222
## 42	0.00000000	0.04938272	0.00000000	0.09333333	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.20634921	0.00000000	0.01492537	0.05970149
## 45	0.00000000	0.09459459	0.01428571	0.12345679	0.00000000	0.04545455
## 46	0.00000000	0.14473684	0.00000000	0.10666667	0.03125000	0.03030303
## 47	0.00000000	0.11594203	0.00000000	0.11290323	0.04918033	0.04615385
## 48	0.00000000	0.01492537	0.00000000	0.19117647	0.00000000	0.07352941
## 49	0.00000000	0.01639344	0.00000000	0.11627907	0.00000000	0.06060606

## 50	0.00000000	0.07352941	0.00000000	0.09411765	0.00000000	0.05555556
## 51	0.00000000	0.09090909	0.00000000	0.12500000	0.06349206	0.04109589
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01408451	0.08695652	0.01265823
## 54	0.00000000	0.04838710	0.01428571	0.10810811	0.03278689	0.08000000
## 55	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 56	0.00000000	0.13432836	0.00000000	0.31147541	0.01694915	0.03636364
## 57	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.01408451
## 59	0.02666667	0.00000000	0.02631579	0.02631579	0.00000000	0.00000000
## 60	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	727	728	729	730	731	732
## 1	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.08955224	0.02985075	0.06060606	0.01449275
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.05797101	0.21428571	0.05797101	0.00000000
## 5	0.00000000	0.00000000	0.01538462	0.16901408	0.04838710	0.00000000
## 6	0.00000000	0.00000000	0.02941176	0.08823529	0.09836066	0.01282051
## 7	0.00000000	0.00000000	0.08333333	0.10843373	0.09859155	0.00000000
## 8	0.00000000	0.00000000	0.02898551	0.03174603	0.08928571	0.00000000
## 9	0.00000000	0.00000000	0.02898551	0.01369863	0.10144928	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.02666667	0.08064516	0.01388889
## 12	0.00000000	0.00000000	0.00000000	0.08571429	0.14062500	0.01190476
## 13	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.05000000	0.14925373	0.06896552	0.00000000
## 15	0.00000000	0.00000000	0.01515152	0.01538462	0.00000000	0.01162791
## 16	0.00000000	0.00000000	0.01470588	0.01538462	0.04545455	0.06756757
## 17	0.00000000	0.00000000	0.00000000	0.09677419	0.06557377	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.01694915	0.11111111	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.03125000	0.03508772	0.19642857	0.00000000
## 22	0.00000000	0.00000000	0.03030303	0.05333333	0.06349206	0.00000000
## 23	0.00000000	0.00000000	0.04615385	0.13846154	0.03389831	0.00000000
## 24	0.00000000	0.00000000	0.01694915	0.04347826	0.06250000	0.00000000
## 25	0.00000000	0.00000000	0.01388889	0.04225352	0.00000000	0.00000000
## 26	0.00000000	0.06779661	0.03225806	0.05063291	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.01960784	0.07017544	0.00000000
## 28	0.00000000	0.00000000	0.01515152	0.01515152	0.00000000	0.03846154
## 29	0.00000000	0.00000000	0.02739726	0.00000000	0.01818182	0.03125000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01562500	0.00000000	0.01724138	0.00000000
## 32	0.00000000	0.00000000	0.01639344	0.01408451	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.02739726	0.04687500	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.06666667	0.03571429	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.05660377	0.12500000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.07142857	0.13953488	0.14754098	0.00000000
## 39	0.00000000	0.00000000	0.01639344	0.09459459	0.14516129	0.00000000
## 40	0.01428571	0.01538462	0.00000000	0.01428571	0.00000000	0.00000000
## 41	0.00000000	0.01612903	0.00000000	0.16901408	0.06250000	0.00000000

## 42	0.00000000	0.00000000	0.06250000	0.17187500	0.08196721	0.00000000
## 43	0.01408451	0.06060606	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01851852	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.01333333	0.02985075	0.05882353	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.06153846	0.06250000	0.00000000
## 47	0.00000000	0.03389831	0.01470588	0.06779661	0.06451613	0.01754386
## 48	0.00000000	0.00000000	0.07352941	0.02816901	0.08000000	0.00000000
## 49	0.00000000	0.00000000	0.07142857	0.04687500	0.00000000	0.01515152
## 50	0.00000000	0.02469136	0.05797101	0.07692308	0.06250000	0.00000000
## 51	0.00000000	0.01492537	0.01612903	0.19354839	0.07407407	0.00000000
## 52	0.00000000	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 54	0.00000000	0.00000000	0.09836066	0.21666667	0.03278689	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01639344	0.03448276	0.00000000
## 56	0.00000000	0.00000000	0.01562500	0.12903226	0.28301887	0.00000000
## 57	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01639344	0.01724138	0.04545455	0.00000000
## 59	0.00000000	0.00000000	0.05263158	0.01351351	0.02898551	0.00000000
## 60	0.00000000	0.00000000	0.01666667	0.00000000	0.07142857	0.00000000
## 61	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
##	733	734	735	736	737	738
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.07352941	0.04285714
## 3	0.00000000	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000
## 4	0.03333333	0.00000000	0.01587302	0.00000000	0.05555556	0.08695652
## 5	0.01470588	0.00000000	0.00000000	0.00000000	0.02898551	0.01492537
## 6	0.01587302	0.00000000	0.00000000	0.00000000	0.01562500	0.07407407
## 7	0.01538462	0.00000000	0.01149425	0.00000000	0.11940299	0.02469136
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.08450704	0.02898551
## 9	0.03174603	0.01470588	0.00000000	0.00000000	0.11538462	0.03278689
## 10	0.00000000	0.01923077	0.01562500	0.00000000	0.00000000	0.00000000
## 11	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 12	0.01333333	0.00000000	0.00000000	0.00000000	0.01369863	0.02597403
## 13	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 14	0.01694915	0.01724138	0.00000000	0.00000000	0.00000000	0.04838710
## 15	0.00000000	0.04000000	0.01298701	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.01333333	0.01666667	0.05084746
## 17	0.01923077	0.00000000	0.00000000	0.00000000	0.04054054	0.01785714
## 18	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.03125000	0.01315789	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01315789	0.01351351	0.00000000	0.00000000	0.00000000
## 21	0.03389831	0.00000000	0.01298701	0.00000000	0.07017544	0.06557377
## 22	0.00000000	0.00000000	0.01449275	0.00000000	0.01470588	0.00000000
## 23	0.02702703	0.00000000	0.00000000	0.00000000	0.07812500	0.05479452
## 24	0.13207547	0.00000000	0.00000000	0.00000000	0.03508772	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.08571429	0.04166667
## 26	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.05172414
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.08771930	0.01612903
## 28	0.00000000	0.01587302	0.00000000	0.00000000	0.02666667	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.01785714
## 30	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.04411765	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 33	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075

## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000
## 35	0.00000000	0.01754386	0.00000000	0.00000000	0.03333333	0.03174603
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01538462	0.01315789	0.00000000	0.00000000	0.00000000
## 38	0.04838710	0.00000000	0.00000000	0.00000000	0.01388889	0.01298701
## 39	0.04477612	0.00000000	0.00000000	0.00000000	0.01388889	0.03076923
## 40	0.01694915	0.00000000	0.00000000	0.01639344	0.01492537	0.00000000
## 41	0.04411765	0.01515152	0.01369863	0.00000000	0.05084746	0.03947368
## 42	0.04477612	0.01538462	0.01333333	0.00000000	0.05000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.16438356	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01960784	0.00000000	0.00000000	0.00000000	0.01388889	0.03278689
## 46	0.01587302	0.00000000	0.01587302	0.00000000	0.01562500	0.01666667
## 47	0.02985075	0.00000000	0.01612903	0.00000000	0.06349206	0.05555556
## 48	0.03703704	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.01754386	0.00000000	0.00000000	0.00000000	0.03278689	0.04545455
## 50	0.01388889	0.01408451	0.01428571	0.01449275	0.03174603	0.07462687
## 51	0.04761905	0.00000000	0.00000000	0.00000000	0.04918033	0.06557377
## 52	0.09090909	0.00000000	0.00000000	0.04545455	0.00000000	0.00000000
## 53	0.00000000	0.01515152	0.04285714	0.00000000	0.00000000	0.01724138
## 54	0.01754386	0.00000000	0.00000000	0.00000000	0.15384615	0.06896552
## 55	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 56	0.10344828	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455
## 57	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.03846154	0.02000000	0.01515152	0.01612903	0.00000000	0.00000000
## 59	0.00000000	0.01492537	0.01470588	0.00000000	0.01612903	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792	0.00000000
## 61	0.03076923	0.00000000	0.00000000	0.09090909	0.00000000	0.00000000
##	739	740	741	742	743	744
## 1	0.00000000	0.01639344	0.00000000	0.00000000	0.01111111	0.00000000
## 2	0.00000000	0.01639344	0.00000000	0.00000000	0.02380952	0.02597403
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.02597403	0.01587302	0.00000000	0.00000000	0.04347826	0.02439024
## 5	0.02564103	0.04838710	0.01492537	0.00000000	0.07792207	0.00000000
## 6	0.02469136	0.01388889	0.01282051	0.00000000	0.06097561	0.01315789
## 7	0.02409639	0.05194805	0.00000000	0.00000000	0.06741573	0.07526882
## 8	0.02247191	0.06060606	0.01351351	0.00000000	0.05494505	0.00000000
## 9	0.00000000	0.05000000	0.00000000	0.00000000	0.11250000	0.03896104
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455
## 11	0.05714286	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 12	0.02564103	0.03750000	0.01136364	0.00000000	0.08247422	0.01250000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.04477612	0.07812500	0.00000000	0.00000000	0.00000000	0.01562500
## 15	0.00000000	0.01388889	0.02500000	0.00000000	0.00000000	0.02564103
## 16	0.01369863	0.04000000	0.00000000	0.00000000	0.01162790	0.00000000
## 17	0.02564103	0.05769231	0.00000000	0.00000000	0.07352941	0.00000000
## 18	0.01388889	0.02857143	0.05714286	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01666667	0.00000000	0.01176470	0.02941176
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01190476	0.00000000
## 21	0.00000000	0.04347826	0.01612903	0.00000000	0.08219178	0.05555556
## 22	0.00000000	0.01470588	0.00000000	0.00000000	0.02439024	0.01724138
## 23	0.01369863	0.04347826	0.00000000	0.00000000	0.05000000	0.00000000
## 24	0.00000000	0.01562500	0.00000000	0.01449275	0.01265822	0.00000000
## 25	0.00000000	0.02777778	0.01388889	0.00000000	0.04545455	0.00000000

## 26	0.04477612	0.01724138	0.00000000	0.00000000	0.052631579	0.00000000
## 27	0.00000000	0.06666667	0.01694915	0.00000000	0.137500000	0.01408451
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 29	0.01470588	0.06000000	0.00000000	0.00000000	0.012048193	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.01492537
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 32	0.02439024	0.01587302	0.01492537	0.00000000	0.012048193	0.00000000
## 33	0.03488372	0.02666667	0.02898551	0.00000000	0.040404040	0.00000000
## 34	0.05882353	0.05454545	0.03030303	0.00000000	0.012195122	0.00000000
## 35	0.01369863	0.01538462	0.00000000	0.00000000	0.051282051	0.01562500
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.01694915
## 38	0.03658537	0.07246377	0.02469136	0.00000000	0.010638298	0.03278689
## 39	0.01428571	0.08333333	0.00000000	0.00000000	0.056818182	0.00000000
## 40	0.01333333	0.00000000	0.00000000	0.00000000	0.024390244	0.00000000
## 41	0.04687500	0.11864407	0.03030303	0.00000000	0.101265823	0.02739726
## 42	0.00000000	0.13846154	0.00000000	0.00000000	0.011494253	0.02352941
## 43	0.00000000	0.00000000	0.00000000	0.01315789	0.000000000	0.00000000
## 44	0.03125000	0.01694915	0.01612903	0.00000000	0.025974026	0.01587302
## 45	0.03846154	0.01470588	0.01639344	0.00000000	0.040540541	0.00000000
## 46	0.01369863	0.01449275	0.00000000	0.00000000	0.027027027	0.00000000
## 47	0.04347826	0.10769231	0.00000000	0.00000000	0.073170732	0.00000000
## 48	0.00000000	0.01923077	0.00000000	0.00000000	0.065789474	0.00000000
## 49	0.15068493	0.01639344	0.02702703	0.00000000	0.040000000	0.00000000
## 50	0.04705882	0.04054054	0.01388889	0.00000000	0.097560976	0.03076923
## 51	0.03947368	0.11538462	0.03333333	0.00000000	0.111111111	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.07812500	0.000000000	0.00000000
## 53	0.00000000	0.00000000	0.01515152	0.00000000	0.025316456	0.04615385
## 54	0.06060606	0.05454545	0.01587302	0.00000000	0.054794521	0.03389831
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.026315789	0.00000000
## 56	0.09090909	0.06557377	0.00000000	0.00000000	0.077922078	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 58	0.02985075	0.03125000	0.00000000	0.03508772	0.000000000	0.01428571
## 59	0.02985075	0.00000000	0.00000000	0.00000000	0.025974026	0.01428571
## 60	0.01694915	0.00000000	0.00000000	0.00000000	0.000000000	0.01492537
## 61	0.00000000	0.00000000	0.00000000	0.07246377	0.000000000	0.00000000
##	745	746	747	748	749	750
## 1	0.00000000	0.03846154	0.02666667	0.06557377	0.01785714	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.04761905	0.01587302
## 3	0.01428571	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 4	0.00000000	0.00000000	0.02631579	0.00000000	0.01298701	0.01282051
## 5	0.00000000	0.00000000	0.19718310	0.02941176	0.04054054	0.00000000
## 6	0.00000000	0.00000000	0.02739726	0.01428571	0.000000000	0.01492537
## 7	0.00000000	0.00000000	0.01123596	0.02500000	0.01282051	0.01333333
## 8	0.00000000	0.00000000	0.00000000	0.02631579	0.02631579	0.01388889
## 9	0.00000000	0.00000000	0.01492537	0.01612903	0.01587302	0.06349206
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 11	0.00000000	0.00000000	0.02666667	0.00000000	0.05714286	0.00000000
## 12	0.00000000	0.01204819	0.06666667	0.06329114	0.08108108	0.03125000
## 13	0.03278689	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 14	0.00000000	0.00000000	0.06557377	0.04444444	0.06779661	0.00000000
## 15	0.01282051	0.00000000	0.00000000	0.00000000	0.000000000	0.00000000
## 16	0.00000000	0.00000000	0.04166667	0.02857143	0.02898551	0.01851852
## 17	0.00000000	0.01785714	0.05128205	0.05714286	0.14492754	0.01538462



## 18	0.00000000	0.04838710	0.21126761	0.01388889	0.11538462	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.01388889
## 21	0.00000000	0.00000000	0.03225806	0.07812500	0.02898551	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.01639344	0.03896104	0.00000000
## 23	0.00000000	0.00000000	0.10465116	0.05405405	0.08955224	0.01666667
## 24	0.00000000	0.00000000	0.02985075	0.01449275	0.03225806	0.00000000
## 25	0.00000000	0.01818182	0.00000000	0.01428571	0.01587302	0.02777778
## 26	0.00000000	0.00000000	0.01408451	0.01666667	0.01449275	0.03076923
## 27	0.00000000	0.00000000	0.01449275	0.00000000	0.01612903	0.09836066
## 28	0.00000000	0.00000000	0.02380952	0.00000000	0.00000000	0.02985075
## 29	0.00000000	0.00000000	0.02666667	0.00000000	0.01694915	0.01694915
## 30	0.11111111	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01562500	0.01449275	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01562500	0.00000000	0.03030303	0.10606061	0.00000000
## 34	0.00000000	0.03773585	0.15625000	0.01449275	0.03125000	0.01724138
## 35	0.00000000	0.00000000	0.01538462	0.08196721	0.01724138	0.07017544
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.09411765	0.06172840	0.05555556	0.01470588
## 39	0.00000000	0.00000000	0.03896104	0.05970149	0.01754386	0.01408451
## 40	0.00000000	0.01515152	0.01298701	0.04838710	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.09589041	0.13559322	0.06666667	0.01449275
## 42	0.00000000	0.00000000	0.09302326	0.05128205	0.01449275	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.08928571	0.01369863	0.03174603	0.00000000	0.00000000
## 45	0.00000000	0.03508772	0.16883117	0.03174603	0.15625000	0.01470588
## 46	0.00000000	0.04687500	0.09459459	0.03389831	0.06451613	0.00000000
## 47	0.00000000	0.01694915	0.02702703	0.02739726	0.08333333	0.01639344
## 48	0.00000000	0.00000000	0.01562500	0.00000000	0.01612903	0.03174603
## 49	0.00000000	0.02000000	0.04761905	0.02985075	0.03076923	0.00000000
## 50	0.00000000	0.02985075	0.08450704	0.01470588	0.14084507	0.01428571
## 51	0.00000000	0.02272727	0.08955224	0.02531646	0.06451613	0.01724138
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 54	0.00000000	0.00000000	0.04225352	0.01470588	0.07246377	0.08928571
## 55	0.00000000	0.00000000	0.02777778	0.03278689	0.00000000	0.07692308
## 56	0.00000000	0.01960784	0.13333333	0.03278689	0.04761905	0.03125000
## 57	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.06666667	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.03030303	0.01470588	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.03125000	0.04838710	0.01724138	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	751	752	753	754	755	756
## 1	0.00000000	0.01282051	0.01851852	0.06451613	0.00000000	0.00000000
## 2	0.04411765	0.05714286	0.00000000	0.04761905	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 4	0.02857143	0.02631579	0.05970149	0.00000000	0.00000000	0.04347826
## 5	0.00000000	0.02898551	0.18461538	0.06060606	0.00000000	0.01470588
## 6	0.04347826	0.05333333	0.06849315	0.05000000	0.00000000	0.00000000
## 7	0.12500000	0.06097561	0.04285714	0.06060606	0.00000000	0.02469136
## 8	0.10666667	0.08139535	0.01612903	0.03076923	0.00000000	0.02898551
## 9	0.24637681	0.09459459	0.01923077	0.05084746	0.00000000	0.01470588

## 10	0.01470588	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02985075	0.00000000	0.00000000	0.03448276	0.00000000	0.01587302
## 12	0.01369863	0.08433735	0.16216216	0.06153846	0.00000000	0.02985075
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01408451	0.13333333	0.13725490	0.03921569	0.00000000	0.03389831
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.04225352	0.04477612	0.03703704	0.03278689	0.00000000	0.10000000
## 17	0.03174603	0.04761905	0.08955224	0.01694915	0.00000000	0.04838710
## 18	0.00000000	0.01351351	0.01694915	0.04477612	0.00000000	0.02816901
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.02898551	0.02739726	0.00000000	0.00000000	0.00000000	0.02739726
## 21	0.06250000	0.10714286	0.03636364	0.03333333	0.00000000	0.01333333
## 22	0.01538462	0.00000000	0.01639344	0.01851852	0.01408451	0.03174603
## 23	0.02739726	0.05555556	0.13043478	0.07575758	0.00000000	0.01587302
## 24	0.01369863	0.00000000	0.03225806	0.03278689	0.04615385	0.00000000
## 25	0.07936508	0.00000000	0.01492537	0.04615385	0.00000000	0.03797468
## 26	0.01515152	0.05714286	0.04918033	0.03636364	0.00000000	0.05405405
## 27	0.10000000	0.07407407	0.05000000	0.01818182	0.05769231	0.08064516
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 29	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01388889	0.01587302	0.00000000	0.00000000	0.00000000
## 33	0.03846154	0.02777778	0.10714286	0.01754386	0.00000000	0.00000000
## 34	0.04166667	0.04109589	0.00000000	0.00000000	0.00000000	0.04545455
## 35	0.14814815	0.12500000	0.06557377	0.01818182	0.01818182	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.05405405	0.12500000	0.17741935	0.05633803	0.00000000	0.02816901
## 39	0.01388889	0.07462687	0.10294118	0.08771930	0.00000000	0.00000000
## 40	0.00000000	0.01428571	0.00000000	0.00000000	0.07142857	0.00000000
## 41	0.04918033	0.13235294	0.12727273	0.11290323	0.00000000	0.03846154
## 42	0.01449275	0.07246377	0.06451613	0.03225806	0.00000000	0.01315789
## 43	0.00000000	0.00000000	0.00000000	0.01694915	0.01315789	0.00000000
## 44	0.01470588	0.05084746	0.00000000	0.03703704	0.00000000	0.00000000
## 45	0.01369863	0.07462687	0.06666667	0.12500000	0.00000000	0.00000000
## 46	0.03125000	0.10526316	0.07407407	0.05084746	0.00000000	0.01515152
## 47	0.11111111	0.05000000	0.13793103	0.04444444	0.00000000	0.03333333
## 48	0.11111111	0.03076923	0.01562500	0.01818182	0.01694915	0.04918033
## 49	0.03125000	0.08641975	0.08000000	0.04918033	0.02127660	0.05797101
## 50	0.03389831	0.07042254	0.04545455	0.09090909	0.00000000	0.01492537
## 51	0.04285714	0.06250000	0.06122449	0.08064516	0.00000000	0.04166667
## 52	0.00000000	0.01333333	0.01639344	0.00000000	0.00000000	0.01587302
## 53	0.04615385	0.02631579	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.09433962	0.09375000	0.05357143	0.09615385	0.00000000	0.07575758
## 55	0.02702703	0.04477612	0.01562500	0.01562500	0.00000000	0.00000000
## 56	0.04838710	0.05263158	0.24590164	0.10447761	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01388889	0.00000000	0.00000000	0.01886792	0.00000000
## 59	0.00000000	0.02597403	0.01754386	0.00000000	0.00000000	0.01666667
## 60	0.00000000	0.07936508	0.01886792	0.00000000	0.00000000	0.01818182
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	757	758	759	760	761	762
## 1	0.00000000	0.08000000	0.10909091	0.00000000	0.01315789	0.01219512

## 2	0.00000000	0.00000000	0.04761905	0.03125000	0.03896104	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.05063291	0.00000000	0.08108108	0.00000000
## 5	0.00000000	0.01219512	0.05263158	0.01204819	0.10294118	0.00000000
## 6	0.00000000	0.00000000	0.01333333	0.00000000	0.05194805	0.00000000
## 7	0.00000000	0.00000000	0.08333333	0.01408451	0.10000000	0.01030928
## 8	0.00000000	0.00000000	0.06578947	0.04225352	0.02352941	0.01162791
## 9	0.00000000	0.00000000	0.06578947	0.08450704	0.01388889	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.01219512	0.00000000	0.02531646	0.00000000	0.00000000	0.05194805
## 12	0.00000000	0.01162791	0.02352941	0.02439024	0.11111111	0.01123596
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01449275	0.03225806	0.01666667	0.09090909	0.01515152
## 15	0.00000000	0.00000000	0.01388889	0.01538462	0.00000000	0.00000000
## 16	0.02985075	0.00000000	0.02816901	0.01515152	0.08108108	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.10000000	0.00000000
## 18	0.00000000	0.06060606	0.00000000	0.03333333	0.01538462	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.13888889	0.01492537	0.05714286	0.00000000
## 22	0.01515152	0.01298701	0.09523810	0.00000000	0.01388889	0.00000000
## 23	0.00000000	0.01162791	0.00000000	0.00000000	0.07692308	0.00000000
## 24	0.00000000	0.01315789	0.03797468	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.01190476	0.04878049	0.01818182	0.05128205	0.00000000
## 26	0.00000000	0.01470588	0.01351351	0.00000000	0.03174603	0.00000000
## 27	0.00000000	0.00000000	0.04615385	0.10769231	0.01724138	0.00000000
## 28	0.07500000	0.00000000	0.00000000	0.01369863	0.00000000	0.01234568
## 29	0.00000000	0.01250000	0.01694915	0.00000000	0.07042254	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01724138	0.01492537	0.03389831	0.00000000	0.00000000
## 33	0.00000000	0.02469136	0.02702703	0.01333333	0.06756757	0.00000000
## 34	0.00000000	0.04054054	0.03076923	0.03225806	0.04615385	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.05084746	0.01428571	0.01612903
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01250000	0.00000000	0.03750000	0.03125000	0.08235294	0.01149425
## 39	0.00000000	0.01298701	0.06756757	0.01492537	0.04761905	0.00000000
## 40	0.00000000	0.01351351	0.00000000	0.01562500	0.00000000	0.00000000
## 41	0.01449275	0.04347826	0.11392405	0.01492537	0.11940299	0.00000000
## 42	0.00000000	0.02702703	0.10975610	0.00000000	0.06578947	0.01282051
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.05333333	0.01492537	0.03125000	0.01562500	0.00000000
## 45	0.00000000	0.01315789	0.05479452	0.00000000	0.01351351	0.00000000
## 46	0.00000000	0.02857143	0.03174603	0.00000000	0.02777778	0.00000000
## 47	0.00000000	0.01351351	0.00000000	0.01538462	0.08771930	0.00000000
## 48	0.00000000	0.00000000	0.10588235	0.03333333	0.02631579	0.01250000
## 49	0.00000000	0.01333333	0.05970149	0.02985075	0.14666667	0.00000000
## 50	0.00000000	0.01369863	0.03571429	0.02739726	0.13924051	0.00000000
## 51	0.00000000	0.04054054	0.01587302	0.04838710	0.05263158	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01515152	0.01176471	0.00000000
## 54	0.00000000	0.00000000	0.03333333	0.01818182	0.05714286	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 56	0.00000000	0.01162791	0.04411765	0.02777778	0.04225352	0.02531646
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.04411765	0.03278689	0.00000000	0.00000000
## 59	0.01612903	0.01282051	0.02777778	0.03125000	0.00000000	0.01234568
## 60	0.00000000	0.02739726	0.07462687	0.00000000	0.00000000	0.01538462
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	763	764	765	766	767	768
## 1	0.00000000	0.08219178	0.09677419	0.03125000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.01587302	0.01515152	0.01449275	0.00000000
## 3	0.06493506	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.01333333
## 6	0.00000000	0.00000000	0.01562500	0.01298701	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.01388889	0.01265823	0.00000000	0.00000000
## 8	0.00000000	0.02597403	0.00000000	0.01538462	0.02409639	0.01408451
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.01449275
## 10	0.00000000	0.00000000	0.01724138	0.03278689	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.04347826	0.01369863	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.03174603	0.02083333	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 16	0.00000000	0.01515152	0.00000000	0.01612903	0.01369863	0.01388889
## 17	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01250000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.01724138	0.01639344	0.01639344	0.00000000
## 22	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 27	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.01351351
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.03389831	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01190476	0.01265823	0.00000000
## 32	0.00000000	0.00000000	0.03225806	0.07692308	0.05714286	0.03846154
## 33	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 34	0.01562500	0.01515152	0.01851852	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.01886792	0.03030303	0.00000000	0.01492537
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01538462	0.01369863	0.00000000
## 38	0.00000000	0.00000000	0.02631579	0.01492537	0.01369863	0.00000000
## 39	0.00000000	0.01587302	0.06451613	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.01515152	0.01538462	0.03389831	0.00000000
## 41	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.01470588	0.00000000	0.01724138	0.01408451	0.00000000
## 43	0.04545455	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.07462687	0.05797101	0.08474576	0.07352941	0.08064516
## 45	0.00000000	0.00000000	0.01851852	0.01724138	0.01515152	0.00000000
## 46	0.00000000	0.05970149	0.03508772	0.03508772	0.00000000	0.01538462
## 47	0.00000000	0.01562500	0.03030303	0.00000000	0.00000000	0.00000000

## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.01315789	0.01694915	0.00000000
## 50	0.00000000	0.02857143	0.07575758	0.00000000	0.00000000	0.00000000
## 51	0.01333333	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.01298701	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01428571	0.02739726	0.01369863
## 54	0.00000000	0.03448276	0.00000000	0.02222222	0.00000000	0.02857143
## 55	0.01449275	0.01315789	0.00000000	0.00000000	0.00000000	0.01470588
## 56	0.00000000	0.01449275	0.04477612	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01724138	0.00000000	0.01515152	0.00000000
## 60	0.03030303	0.01538462	0.03278689	0.00000000	0.00000000	0.01538462
## 61	0.04347826	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	769	770	771	772	773	774
## 1	0.03030303	0.01562500	0.03076923	0.00000000	0.00000000	0.01408451
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703
## 5	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.01369863
## 6	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.05633803
## 7	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000	0.02597403
## 9	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000	0.03125000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701
## 12	0.00000000	0.00000000	0.02531646	0.00000000	0.00000000	0.13750000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 14	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.01694915
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.05000000	0.00000000	0.00000000	0.02857143
## 17	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.09090909
## 18	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000	0.08823529
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 21	0.00000000	0.00000000	0.01754386	0.00000000	0.02500000	0.03125000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10447761
## 23	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.09859155
## 24	0.00000000	0.00000000	0.01538462	0.00000000	0.01408451	0.00000000
## 25	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 26	0.00000000	0.00000000	0.01470588	0.01639344	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.06250000
## 34	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.03030303
## 35	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000	0.01754386
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05194805
## 39	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.04918033

## 40	0.00000000	0.00000000	0.03125000	0.11764706	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.07575758
## 42	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.04000000
## 43	0.00000000	0.01612903	0.00000000	0.00000000	0.03947368	0.00000000
## 44	0.06779661	0.00000000	0.06451613	0.14035088	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.09859155
## 46	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.06349206
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603
## 48	0.00000000	0.00000000	0.01666667	0.00000000	0.01315789	0.04225352
## 49	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.01639344
## 50	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000	0.02597403
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 52	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000	0.02985075
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.01538462
## 56	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.17142857
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.07042254	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.10256410	0.00000000
##	775	776	777	778	779	780
## 1	0.01408451	0.01428571	0.00000000	0.07936508	0.00000000	0.00000000
## 2	0.01428571	0.02857143	0.00000000	0.01408451	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.01282051	0.00000000	0.01449275	0.00000000
## 4	0.04166667	0.08571429	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.03076923	0.04109589	0.00000000	0.02702703	0.00000000	0.00000000
## 6	0.04225352	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.02325581	0.04878049	0.00000000	0.01250000	0.00000000	0.00000000
## 8	0.00000000	0.02439024	0.00000000	0.02564103	0.00000000	0.00000000
## 9	0.03076923	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 11	0.01538462	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.19354839	0.15476190	0.00000000	0.02597403	0.02439024	0.00000000
## 13	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 14	0.12068966	0.08823529	0.00000000	0.04838710	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589
## 16	0.00000000	0.01136364	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.09523810	0.02777778	0.00000000	0.09333333	0.00000000	0.00000000
## 18	0.19298246	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.06849315	0.00000000	0.00000000	0.01470588
## 20	0.00000000	0.00000000	0.02857143	0.00000000	0.02531646	0.01298701
## 21	0.09090909	0.03225806	0.00000000	0.06153846	0.00000000	0.00000000
## 22	0.10144928	0.04054054	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.09090909	0.04545455	0.00000000	0.11428571	0.01388889	0.00000000
## 24	0.01351351	0.05714286	0.00000000	0.00000000	0.01408451	0.00000000
## 25	0.03030303	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 26	0.01694915	0.01538462	0.00000000	0.05555556	0.00000000	0.00000000
## 27	0.00000000	0.02857143	0.00000000	0.01492537	0.00000000	0.00000000
## 28	0.00000000	0.01149425	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 32	0.00000000	0.00000000	0.02564103	0.01428571	0.00000000	0.00000000
## 33	0.09459459	0.04878049	0.00000000	0.05063291	0.01492537	0.00000000
## 34	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.04477612	0.04918033	0.00000000	0.01538462	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 38	0.16049383	0.05882353	0.00000000	0.02298851	0.02247191	0.00000000
## 39	0.04687500	0.06944444	0.00000000	0.01538462	0.01351351	0.00000000
## 40	0.00000000	0.00000000	0.06756757	0.01250000	0.00000000	0.00000000
## 41	0.09375000	0.09230769	0.00000000	0.02857143	0.01449275	0.00000000
## 42	0.08000000	0.13513514	0.00000000	0.01234568	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.04597701	0.00000000
## 44	0.00000000	0.00000000	0.01428571	0.03225806	0.00000000	0.00000000
## 45	0.09589041	0.06849315	0.00000000	0.05797101	0.01587302	0.00000000
## 46	0.08928571	0.05479452	0.00000000	0.05970149	0.04285714	0.00000000
## 47	0.07936508	0.07692308	0.00000000	0.07843137	0.00000000	0.00000000
## 48	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.01587302	0.01388889	0.00000000	0.01785714	0.00000000	0.00000000
## 50	0.02898551	0.01250000	0.00000000	0.02777778	0.00000000	0.00000000
## 51	0.07936508	0.08219178	0.00000000	0.03125000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.01388889	0.00000000	0.10810811	0.00000000
## 53	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.12307692
## 54	0.08771930	0.05172414	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.01785714	0.01538462	0.00000000	0.00000000	0.01515152	0.00000000
## 56	0.14285714	0.11764706	0.00000000	0.05333333	0.02777778	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01612903	0.00000000	0.07042254	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01176471	0.01587302	0.00000000	0.00000000
## 60	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.08974359	0.00000000
##	781	782	783	784	785	786
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 2	0.00000000	0.06060606	0.00000000	0.01612903	0.08333333	0.03076923
## 3	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.11290323	0.11475410
## 5	0.00000000	0.03333333	0.00000000	0.01538462	0.04838710	0.08695652
## 6	0.00000000	0.01369863	0.00000000	0.00000000	0.08450704	0.18461538
## 7	0.00000000	0.02739726	0.00000000	0.02666667	0.13888889	0.08974359
## 8	0.00000000	0.00000000	0.00000000	0.01639344	0.07042254	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.03076923	0.07407407	0.03448276
## 10	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.03225806
## 12	0.00000000	0.00000000	0.00000000	0.01234568	0.08450704	0.14102564
## 13	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 14	0.00000000	0.01724138	0.00000000	0.00000000	0.06000000	0.08928571
## 15	0.00000000	0.02500000	0.00000000	0.01333333	0.00000000	0.00000000
## 16	0.00000000	0.06349206	0.00000000	0.02739726	0.03174603	0.08196721
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.11111111
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689	0.03636364
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01492537	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.06349206	0.00000000	0.01538462	0.19642857	0.14035088
## 22	0.00000000	0.00000000	0.00000000	0.01666667	0.07246377	0.05263158
## 23	0.00000000	0.01428571	0.00000000	0.00000000	0.25000000	0.20588235

## 24	0.00000000	0.01538462	0.00000000	0.00000000	0.05769231	0.12121212
## 25	0.00000000	0.04285714	0.00000000	0.00000000	0.01470588	0.07352941
## 26	0.00000000	0.00000000	0.00000000	0.01666667	0.01492537	0.05263158
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.03773585	0.06896552
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 32	0.00000000	0.01639344	0.00000000	0.00000000	0.01639344	0.00000000
## 33	0.00000000	0.01538462	0.00000000	0.00000000	0.04000000	0.08108108
## 34	0.00000000	0.01639344	0.00000000	0.01428571	0.05172414	0.07692308
## 35	0.00000000	0.01666667	0.00000000	0.00000000	0.16981132	0.09615385
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01562500	0.01612903	0.00000000	0.00000000
## 38	0.00000000	0.01315789	0.00000000	0.00000000	0.05681818	0.12857143
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.21126761	0.13725490
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.03125000	0.00000000	0.00000000	0.10169492	0.24590164
## 42	0.00000000	0.02702703	0.00000000	0.03797468	0.11764706	0.09090909
## 43	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 44	0.00000000	0.01492537	0.00000000	0.00000000	0.01724138	0.01851852
## 45	0.00000000	0.01785714	0.00000000	0.01666667	0.14516129	0.12727273
## 46	0.00000000	0.01754386	0.00000000	0.01449275	0.05555556	0.04615385
## 47	0.00000000	0.04687500	0.00000000	0.01470588	0.09090909	0.06896552
## 48	0.00000000	0.01785714	0.00000000	0.01250000	0.11764706	0.03333333
## 49	0.00000000	0.01562500	0.00000000	0.00000000	0.01923077	0.04918033
## 50	0.00000000	0.07575758	0.00000000	0.00000000	0.01388889	0.11666667
## 51	0.00000000	0.03030303	0.00000000	0.01515152	0.32352941	0.14814815
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.01449275	0.00000000	0.01428571	0.09836066	0.20634921
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01923077
## 56	0.00000000	0.04838710	0.00000000	0.01449275	0.19047619	0.29687500
## 57	0.00000000	0.00000000	0.01612903	0.01612903	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 59	0.00000000	0.01428571	0.00000000	0.01492537	0.03278689	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.06896552	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	787	788	789	790	791	792
## 1	0.03508772	0.00000000	0.01515152	0.05000000	0.01428571	0.00000000
## 2	0.03448276	0.02941176	0.13235294	0.00000000	0.01190476	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.01666667
## 4	0.01351351	0.02409639	0.04545455	0.14666667	0.00000000	0.00000000
## 5	0.06557377	0.01388889	0.07936508	0.05797101	0.01351351	0.00000000
## 6	0.05333333	0.00000000	0.08196721	0.14084507	0.00000000	0.00000000
## 7	0.03947368	0.00000000	0.07462687	0.02247191	0.00000000	0.00000000
## 8	0.04285714	0.00000000	0.07692308	0.00000000	0.00000000	0.00000000
## 9	0.20833333	0.02898551	0.03703704	0.04225352	0.01449275	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000	0.00000000
## 12	0.02272727	0.00000000	0.15254237	0.14102564	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 14	0.00000000	0.00000000	0.15789474	0.08064516	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000	0.00000000



## 16	0.03076923	0.00000000	0.05555556	0.01470588	0.01282051	0.00000000
## 17	0.05970149	0.00000000	0.13043478	0.08333333	0.00000000	0.00000000
## 18	0.00000000	0.01515152	0.07547170	0.10000000	0.00000000	0.00000000
## 19	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.06557377	0.00000000	0.29411765	0.09230769	0.00000000	0.00000000
## 22	0.04347826	0.00000000	0.11688312	0.04918033	0.00000000	0.00000000
## 23	0.03225806	0.00000000	0.19178082	0.12328767	0.00000000	0.00000000
## 24	0.03125000	0.00000000	0.04545455	0.03896104	0.00000000	0.00000000
## 25	0.09459459	0.01388889	0.05555556	0.00000000	0.01204819	0.00000000
## 26	0.01562500	0.00000000	0.01666667	0.01408451	0.00000000	0.00000000
## 27	0.15942029	0.02857143	0.07692308	0.01562500	0.04347826	0.00000000
## 28	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01754386	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01351351	0.03076923	0.00000000	0.00000000	0.14084507	0.01515152
## 33	0.01694915	0.00000000	0.09375000	0.10389610	0.01315789	0.00000000
## 34	0.00000000	0.00000000	0.17910448	0.01639344	0.00000000	0.00000000
## 35	0.06451613	0.00000000	0.20338983	0.05479452	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.27419355	0.12162162	0.00000000	0.00000000
## 39	0.08450704	0.00000000	0.15942029	0.02985075	0.01470588	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000
## 41	0.06250000	0.01351351	0.22727273	0.07462687	0.00000000	0.00000000
## 42	0.01315789	0.00000000	0.11111111	0.04819277	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01694915	0.00000000	0.00000000	0.00000000	0.07692308	0.03389831
## 45	0.01492537	0.00000000	0.31578947	0.04761905	0.01408451	0.00000000
## 46	0.00000000	0.01369863	0.13333333	0.02777778	0.00000000	0.00000000
## 47	0.10344828	0.00000000	0.08474576	0.04000000	0.00000000	0.00000000
## 48	0.04411765	0.01562500	0.20338983	0.04347826	0.00000000	0.00000000
## 49	0.00000000	0.01428571	0.03389831	0.01369863	0.01428571	0.00000000
## 50	0.10000000	0.00000000	0.05714286	0.04545455	0.00000000	0.00000000
## 51	0.10526316	0.01562500	0.32835821	0.20895522	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
## 53	0.03797468	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.14285714	0.01369863	0.03448276	0.08064516	0.02941176	0.00000000
## 55	0.02666667	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.13636364	0.14285714	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.04000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000
## 60	0.00000000	0.00000000	0.03389831	0.00000000	0.01639344	0.01639344
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	793	794	795	796	797	798
## 1	0.01492537	0.00000000	0.00000000	0.01388889	0.00000000	0.01428571
## 2	0.02500000	0.00000000	0.01612903	0.07936508	0.00000000	0.01492537
## 3	0.00000000	0.01562500	0.00000000	0.00000000	0.01492537	0.00000000
## 4	0.01388889	0.00000000	0.01562500	0.18571429	0.00000000	0.08695652
## 5	0.00000000	0.00000000	0.06060606	0.15254237	0.00000000	0.03389831
## 6	0.00000000	0.00000000	0.04687500	0.13636364	0.00000000	0.18181818
## 7	0.10989011	0.00000000	0.02857143	0.21875000	0.01515152	0.05555556

## 8	0.03703704	0.00000000	0.05714286	0.08333333	0.00000000	0.01612903
## 9	0.03846154	0.00000000	0.00000000	0.09230769	0.01818182	0.11594203
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02857143	0.00000000	0.03225806	0.06250000	0.00000000	0.01388889
## 12	0.05952381	0.00000000	0.08860759	0.22666667	0.01612903	0.10606061
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 14	0.05479452	0.00000000	0.07272727	0.25000000	0.00000000	0.01612903
## 15	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 16	0.13750000	0.00000000	0.02857143	0.05882353	0.00000000	0.04615385
## 17	0.02739726	0.00000000	0.06944444	0.15151515	0.01612903	0.08196721
## 18	0.01369863	0.00000000	0.03773585	0.07142857	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.07462687	0.01250000
## 21	0.02380952	0.00000000	0.01492537	0.19696970	0.00000000	0.05084746
## 22	0.03703704	0.00000000	0.01666667	0.15277778	0.00000000	0.01428571
## 23	0.07317073	0.00000000	0.07462687	0.23728814	0.00000000	0.04761905
## 24	0.02985075	0.00000000	0.00000000	0.08219178	0.00000000	0.01351351
## 25	0.02531646	0.00000000	0.01388889	0.07894737	0.00000000	0.01428571
## 26	0.06578947	0.00000000	0.00000000	0.02985075	0.01612903	0.01724138
## 27	0.01538462	0.01587302	0.00000000	0.16666667	0.00000000	0.11538462
## 28	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01315789	0.00000000	0.01612903	0.01470588	0.00000000	0.03448276
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333	0.01449275
## 33	0.04000000	0.00000000	0.04285714	0.05714286	0.00000000	0.02857143
## 34	0.01408451	0.00000000	0.03636364	0.13559322	0.01960784	0.05000000
## 35	0.00000000	0.00000000	0.01639344	0.14062500	0.00000000	0.04838710
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 38	0.00000000	0.00000000	0.09722222	0.35365854	0.00000000	0.08823529
## 39	0.03703704	0.00000000	0.08695652	0.20338983	0.00000000	0.04838710
## 40	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.01351351
## 41	0.03896104	0.00000000	0.09230769	0.40983607	0.01666667	0.06153846
## 42	0.01538462	0.00000000	0.03508772	0.13846154	0.00000000	0.01515152
## 43	0.01204819	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.01470588
## 45	0.03030303	0.00000000	0.06779661	0.12068966	0.00000000	0.03278689
## 46	0.02702703	0.00000000	0.04838710	0.15000000	0.01612903	0.02985075
## 47	0.06666667	0.01724138	0.16949153	0.13043478	0.01754386	0.05970149
## 48	0.05882353	0.00000000	0.07017544	0.07547170	0.00000000	0.07272727
## 49	0.02898551	0.00000000	0.06451613	0.07936508	0.00000000	0.05970149
## 50	0.05555556	0.01694915	0.09836066	0.03389831	0.00000000	0.07812500
## 51	0.01515152	0.00000000	0.04411765	0.28571429	0.00000000	0.11940299
## 52	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 54	0.08620690	0.00000000	0.07142857	0.16071429	0.01666667	0.12500000
## 55	0.02739726	0.01538462	0.00000000	0.03448276	0.00000000	0.00000000
## 56	0.03076923	0.00000000	0.12962963	0.25806452	0.00000000	0.09375000
## 57	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01219512	0.00000000	0.00000000	0.01612903	0.00000000	0.01612903
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.07692308	0.00000000	0.00000000
## 61	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000

##	799	800	801	802	803	804
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.01851852
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.02597403	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.02702703	0.02816901	0.01428571
## 6	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000	0.01388889
## 7	0.00000000	0.00000000	0.00000000	0.04705882	0.02325581	0.00000000
## 8	0.00000000	0.00000000	0.01176471	0.02380952	0.00000000	0.01515152
## 9	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000	0.05084746
## 10	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.01818182
## 11	0.00000000	0.00000000	0.00000000	0.01562500	0.07792208	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.01754386
## 15	0.01265823	0.00000000	0.02469136	0.00000000	0.00000000	0.02777778
## 16	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000	0.03448276
## 17	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.01639344
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714
## 19	0.01538462	0.00000000	0.03488372	0.00000000	0.00000000	0.07936508
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 21	0.00000000	0.00000000	0.00000000	0.07936508	0.00000000	0.05172414
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.02666667	0.03508772	0.00000000
## 24	0.00000000	0.04761905	0.00000000	0.00000000	0.01562500	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.02631579	0.01408451	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 27	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.04918033
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.01538462	0.00000000	0.00000000	0.06666667	0.01315789	0.00000000
## 30	0.00000000	0.00000000	0.03448276	0.01408451	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01162791	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000	0.01694915
## 33	0.00000000	0.00000000	0.01315789	0.00000000	0.02816901	0.01333333
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000
## 35	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.01724138
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.01176471	0.05633803	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 40	0.00000000	0.14634146	0.00000000	0.01388889	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.01818182
## 42	0.00000000	0.00000000	0.00000000	0.08974359	0.00000000	0.01754386
## 43	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01724138	0.02985075	0.00000000	0.02898551	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03636364
## 48	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.03703704
## 49	0.00000000	0.00000000	0.00000000	0.10294118	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000	0.03174603
## 51	0.00000000	0.00000000	0.00000000	0.03174603	0.01785714	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01538462	0.00000000	0.01298701	0.01408451	0.00000000	0.03278689

## 54	0.00000000	0.00000000	0.00000000	0.08695652	0.01639344	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.01515152
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 58	0.00000000	0.01587302	0.00000000	0.01587302	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	805	806	807	808	809	810
## 1	0.06060606	0.00000000	0.00000000	0.01351351	0.03389831	0.01428571
## 2	0.04000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 3	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.11538462	0.00000000	0.01388889	0.00000000	0.00000000	0.04285714
## 5	0.17721519	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 6	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000	0.12676056
## 7	0.12195122	0.00000000	0.00000000	0.00000000	0.00000000	0.11111111
## 8	0.11764706	0.00000000	0.00000000	0.00000000	0.01282051	0.02631579
## 9	0.07352941	0.00000000	0.01351351	0.00000000	0.00000000	0.04918033
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.25641026	0.00000000	0.00000000	0.00000000	0.01219512	0.07594937
## 13	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 14	0.18032787	0.00000000	0.00000000	0.00000000	0.00000000	0.04225352
## 15	0.00000000	0.00000000	0.02631579	0.00000000	0.01515152	0.00000000
## 16	0.07246377	0.00000000	0.00000000	0.00000000	0.00000000	0.03896104
## 17	0.21917808	0.00000000	0.01694915	0.00000000	0.00000000	0.06578947
## 18	0.02631579	0.00000000	0.00000000	0.01369863	0.00000000	0.02816901
## 19	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.05952381	0.00000000	0.00000000	0.00000000	0.00000000	0.06849315
## 22	0.07894737	0.00000000	0.01315789	0.00000000	0.00000000	0.01449275
## 23	0.18309859	0.00000000	0.00000000	0.00000000	0.00000000	0.13698630
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.03389831
## 25	0.04651163	0.00000000	0.00000000	0.01388889	0.00000000	0.01333333
## 26	0.03846154	0.00000000	0.00000000	0.01785714	0.00000000	0.02816901
## 27	0.06250000	0.00000000	0.01587302	0.00000000	0.00000000	0.06349206
## 28	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 29	0.02898551	0.00000000	0.01639344	0.00000000	0.00000000	0.02816901
## 30	0.00000000	0.00000000	0.00000000	0.01470588	0.01538462	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 32	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.05633803	0.00000000	0.00000000	0.01408451	0.00000000	0.05263158
## 34	0.01562500	0.00000000	0.01470588	0.01639344	0.00000000	0.06349206
## 35	0.04838710	0.00000000	0.09090909	0.00000000	0.00000000	0.02941176
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.26829268	0.00000000	0.01265823	0.00000000	0.00000000	0.10294118
## 39	0.10000000	0.00000000	0.00000000	0.01470588	0.00000000	0.04225352
## 40	0.00000000	0.00000000	0.00000000	0.02666667	0.01449275	0.00000000
## 41	0.11594203	0.00000000	0.00000000	0.00000000	0.00000000	0.13698630
## 42	0.10810811	0.00000000	0.00000000	0.01315789	0.00000000	0.18181818
## 43	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.11940299	0.00000000	0.00000000
## 45	0.08219178	0.00000000	0.00000000	0.00000000	0.00000000	0.07575758

## 46	0.07246377	0.00000000	0.00000000	0.00000000	0.01562500	0.08196721
## 47	0.19696970	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 48	0.06250000	0.00000000	0.01428571	0.00000000	0.00000000	0.03125000
## 49	0.04545455	0.00000000	0.00000000	0.02777778	0.00000000	0.04761905
## 50	0.16666667	0.00000000	0.00000000	0.01515152	0.00000000	0.03703704
## 51	0.14062500	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01492537	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 54	0.07042254	0.00000000	0.00000000	0.00000000	0.00000000	0.15873016
## 55	0.01492537	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 56	0.27027027	0.00000000	0.00000000	0.00000000	0.00000000	0.10937500
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.02898551	0.03508772	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.03389831	0.00000000	0.01492537
## 60	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.03846154
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	811	812	813	814	815	816
## 1	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 2	0.01612903	0.00000000	0.01818182	0.02777778	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.03896104	0.00000000	0.04285714	0.00000000	0.00000000
## 5	0.00000000	0.02702703	0.00000000	0.11267606	0.00000000	0.02469136
## 6	0.00000000	0.05797101	0.00000000	0.15294118	0.00000000	0.00000000
## 7	0.00000000	0.02631579	0.00000000	0.10000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.01612903	0.08974359	0.00000000	0.00000000
## 9	0.00000000	0.01369863	0.01666667	0.04615385	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.12000000	0.00000000	0.06153846	0.00000000	0.03750000
## 12	0.00000000	0.04761905	0.01515152	0.22368421	0.00000000	0.02500000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.03030303	0.00000000	0.33962264	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.05128205	0.00000000	0.00000000
## 17	0.00000000	0.07352941	0.00000000	0.16129032	0.00000000	0.01562500
## 18	0.00000000	0.01428571	0.00000000	0.09859155	0.00000000	0.07936508
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.01785714	0.00000000	0.16393443	0.00000000	0.01639344
## 22	0.00000000	0.01492537	0.00000000	0.12500000	0.00000000	0.00000000
## 23	0.00000000	0.04761905	0.00000000	0.24324324	0.00000000	0.05714286
## 24	0.00000000	0.00000000	0.00000000	0.06493506	0.00000000	0.04166667
## 25	0.00000000	0.03030303	0.00000000	0.02531646	0.00000000	0.01333333
## 26	0.00000000	0.00000000	0.02040816	0.02898551	0.00000000	0.00000000
## 27	0.00000000	0.04761905	0.02173913	0.04545455	0.00000000	0.00000000
## 28	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.01219512
## 29	0.01333333	0.00000000	0.03571429	0.01369863	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.03571429	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.02564103	0.00000000	0.15625000	0.00000000	0.03076923
## 34	0.00000000	0.00000000	0.02439024	0.05555556	0.00000000	0.05555556
## 35	0.00000000	0.00000000	0.00000000	0.11111111	0.00000000	0.01408451
## 36	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000

## 38	0.00000000	0.08860759	0.00000000	0.30000000	0.00000000	0.00000000
## 39	0.00000000	0.05405405	0.00000000	0.19230769	0.00000000	0.01369863
## 40	0.00000000	0.00000000	0.05084746	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.05660377	0.01886792	0.19718310	0.00000000	0.00000000
## 42	0.00000000	0.03846154	0.00000000	0.10810811	0.00000000	0.04000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.11764706	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.02941176	0.00000000	0.21428571	0.00000000	0.03225806
## 46	0.00000000	0.04545455	0.00000000	0.18333333	0.00000000	0.00000000
## 47	0.00000000	0.01587302	0.00000000	0.10294118	0.00000000	0.01562500
## 48	0.00000000	0.01351351	0.00000000	0.09090909	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.01492537	0.02941176	0.00000000	0.01428571
## 50	0.00000000	0.01333333	0.00000000	0.08108108	0.00000000	0.01538462
## 51	0.00000000	0.04347826	0.00000000	0.16129032	0.00000000	0.01666667
## 52	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.04347826	0.01785714	0.10958904	0.00000000	0.00000000
## 55	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.01408451
## 56	0.00000000	0.09523810	0.00000000	0.38805970	0.00000000	0.03278689
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01666667	0.01449275	0.00000000	0.01538462
## 59	0.00000000	0.00000000	0.06666667	0.00000000	0.00000000	0.01265823
## 60	0.00000000	0.01724138	0.03921569	0.01694915	0.00000000	0.02898551
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	817	818	819	820	821	822
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 2	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 3	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 4	0.02666667	0.10000000	0.00000000	0.01408451	0.00000000	0.01369863
## 5	0.04819277	0.08695652	0.01470588	0.00000000	0.01333333	0.03947368
## 6	0.04838710	0.06250000	0.00000000	0.00000000	0.00000000	0.01587302
## 7	0.03750000	0.07058824	0.00000000	0.00000000	0.00000000	0.03529412
## 8	0.04938272	0.03797468	0.00000000	0.01298701	0.00000000	0.03614458
## 9	0.02985075	0.01587302	0.00000000	0.01515152	0.00000000	0.02739726
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 11	0.00000000	0.03797468	0.00000000	0.02631579	0.00000000	0.05633803
## 12	0.07894737	0.15662651	0.00000000	0.01176471	0.00000000	0.03296703
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.08333333	0.11475410	0.00000000	0.01724138	0.00000000	0.04838710
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.20779221	0.02631579	0.00000000	0.01408451	0.00000000	0.01351351
## 17	0.04477612	0.13888889	0.00000000	0.00000000	0.00000000	0.01515152
## 18	0.01470588	0.05405405	0.00000000	0.00000000	0.00000000	0.04166667
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01282051	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000
## 21	0.07246377	0.11940299	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.07462687	0.01333333	0.00000000	0.00000000	0.00000000	0.01315789
## 23	0.07936508	0.15000000	0.00000000	0.00000000	0.00000000	0.04285714
## 24	0.01428571	0.02597403	0.02941176	0.00000000	0.00000000	0.04761905
## 25	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.02666667
## 26	0.07575758	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.03125000	0.04411765	0.00000000	0.05357143	0.00000000	0.01666667
## 28	0.01538462	0.00000000	0.00000000	0.02564103	0.00000000	0.01219512
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500

## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.11428571	0.06410256	0.01754386	0.00000000	0.00000000	0.02816901
## 34	0.06060606	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.06779661	0.08333333	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.04938272	0.13483146	0.00000000	0.01388889	0.00000000	0.02666667
## 39	0.11267606	0.08000000	0.00000000	0.01612903	0.00000000	0.01562500
## 40	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 41	0.05263158	0.11688312	0.01333333	0.04918033	0.00000000	0.03225806
## 42	0.08571429	0.14102564	0.00000000	0.00000000	0.00000000	0.02500000
## 43	0.00000000	0.00000000	0.05555556	0.01538462	0.00000000	0.00000000
## 44	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.15068493	0.07692308	0.00000000	0.00000000	0.00000000	0.01408451
## 46	0.04225352	0.12987013	0.00000000	0.00000000	0.00000000	0.01492537
## 47	0.03076923	0.10447761	0.01666667	0.00000000	0.00000000	0.01515152
## 48	0.07142857	0.04347826	0.00000000	0.00000000	0.00000000	0.01587302
## 49	0.03030303	0.01515152	0.00000000	0.01666667	0.00000000	0.01408451
## 50	0.05633803	0.03797468	0.01538462	0.01408451	0.00000000	0.08108108
## 51	0.10294118	0.10937500	0.00000000	0.00000000	0.00000000	0.02857143
## 52	0.00000000	0.00000000	0.08219178	0.00000000	0.00000000	0.00000000
## 53	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.04761905	0.08823529	0.00000000	0.01694915	0.00000000	0.07936508
## 55	0.04054054	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 56	0.09230769	0.30666667	0.00000000	0.00000000	0.00000000	0.01449275
## 57	0.01315789	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 58	0.04109589	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01315789	0.00000000	0.00000000	0.02985075	0.00000000
## 60	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.05333333	0.00000000	0.00000000	0.00000000
##	823	824	825	826	827	828
## 1	0.00000000	0.00000000	0.01515152	0.00000000	0.04687500	0.07407407
## 2	0.01666667	0.04545455	0.07246377	0.03225806	0.00000000	0.01694915
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.09677419	0.04687500	0.00000000	0.00000000
## 5	0.00000000	0.09523810	0.08695652	0.06410256	0.01428571	0.00000000
## 6	0.00000000	0.02739726	0.09722222	0.08433735	0.00000000	0.00000000
## 7	0.00000000	0.01234568	0.03846154	0.16000000	0.00000000	0.01315789
## 8	0.01333333	0.02941176	0.02666667	0.07692308	0.00000000	0.01369863
## 9	0.00000000	0.04225352	0.04347826	0.06349206	0.00000000	0.01694915
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 11	0.05194805	0.00000000	0.03030303	0.04347826	0.00000000	0.00000000
## 12	0.01250000	0.04761905	0.08536585	0.14666667	0.01176471	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.03636364	0.03125000	0.13207547	0.15714286	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.04054054	0.03125000	0.00000000	0.01492537	0.01666667
## 17	0.00000000	0.05882353	0.01562500	0.07042254	0.02898551	0.00000000
## 18	0.00000000	0.01587302	0.08219178	0.02941176	0.03508772	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.04615385	0.01694915	0.05714286	0.03225806	0.03389831

## 22	0.01470588	0.01612903	0.19298246	0.09230769	0.01639344	0.01612903
## 23	0.00000000	0.03030303	0.11267606	0.16923077	0.04477612	0.01562500
## 24	0.00000000	0.00000000	0.05194805	0.02898551	0.00000000	0.00000000
## 25	0.00000000	0.07352941	0.02631579	0.07246377	0.00000000	0.00000000
## 26	0.00000000	0.01587302	0.02816901	0.06060606	0.01515152	0.00000000
## 27	0.00000000	0.05882353	0.07812500	0.09230769	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01666667	0.01388889	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915
## 31	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.01449275
## 32	0.00000000	0.00000000	0.01333333	0.01666667	0.00000000	0.03703704
## 33	0.00000000	0.00000000	0.04411765	0.06349206	0.04615385	0.00000000
## 34	0.02941176	0.04838710	0.06451613	0.10169492	0.07407407	0.00000000
## 35	0.01538462	0.01785714	0.09523810	0.05970149	0.00000000	0.01851852
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02777778	0.02898551	0.18840580	0.15942029	0.00000000	0.02777778
## 39	0.02941176	0.06557377	0.15151515	0.06666667	0.00000000	0.00000000
## 40	0.00000000	0.01538462	0.00000000	0.00000000	0.01515152	0.00000000
## 41	0.01449275	0.05970149	0.13793103	0.08750000	0.03076923	0.01666667
## 42	0.04687500	0.02857143	0.11392405	0.07575758	0.03125000	0.01587302
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.03703704	0.00000000	0.00000000	0.08620690	0.03508772
## 45	0.01204819	0.02380952	0.07246377	0.09375000	0.05128205	0.00000000
## 46	0.01351351	0.00000000	0.08333333	0.11290323	0.06896552	0.01724138
## 47	0.02941176	0.03125000	0.03773585	0.10169492	0.01851852	0.00000000
## 48	0.01492537	0.01818182	0.07812500	0.06896552	0.00000000	0.00000000
## 49	0.00000000	0.05970149	0.01538462	0.04477612	0.01724138	0.01785714
## 50	0.00000000	0.01428571	0.05405405	0.10256410	0.01587302	0.00000000
## 51	0.00000000	0.00000000	0.23529412	0.16949153	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 54	0.00000000	0.11764706	0.07462687	0.07352941	0.02127660	0.00000000
## 55	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
## 56	0.01694915	0.06578947	0.15714286	0.17142857	0.01369863	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01562500	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 59	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.01562500	0.01428571	0.03571429	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	829	830	831	832	833	834
## 1	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.01666667
## 2	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 3	0.00000000	0.00000000	0.02597403	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.15873016
## 5	0.00000000	0.01351351	0.00000000	0.00000000	0.01666667	0.16129032
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.06666667
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.01162791	0.07575758
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.01562500
## 9	0.01428571	0.00000000	0.00000000	0.00000000	0.01408451	0.02777778
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000
## 11	0.00000000	0.02666667	0.00000000	0.01428571	0.00000000	0.01587302
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.13513514
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000



## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.09090909
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 17	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000	0.06666667
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07462687
## 19	0.02631579	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 20	0.02298851	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.12500000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.22388060
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09210526
## 27	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.02173913
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.02898551	0.00000000	0.00000000	0.00000000	0.01333333	0.01515152
## 32	0.02898551	0.00000000	0.00000000	0.00000000	0.01612903	0.01724138
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.08928571
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10714286
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08823529
## 39	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000	0.10937500
## 40	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.02500000	0.00000000	0.00000000	0.00000000	0.19672131
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05714286
## 43	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000
## 44	0.02857143	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000
## 45	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000	0.10909091
## 46	0.04838710	0.00000000	0.00000000	0.00000000	0.00000000	0.06666667
## 47	0.00000000	0.01470588	0.01492537	0.00000000	0.00000000	0.10000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07812500
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 50	0.00000000	0.01282051	0.01538462	0.00000000	0.00000000	0.10447761
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.24000000
## 52	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000
## 53	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.15000000
## 55	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.01515152
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.13432836
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.06250000	0.00000000	0.00000000	0.00000000
##	835	836	837	838	839	840
## 1	0.06451613	0.17857143	0.01492537	0.00000000	0.04545455	0.01315789
## 2	0.03225806	0.00000000	0.01515152	0.00000000	0.06451613	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 4	0.10843373	0.00000000	0.11290323	0.00000000	0.11267606	0.00000000
## 5	0.05882353	0.00000000	0.10294118	0.00000000	0.11688312	0.00000000

## 6	0.04285714	0.00000000	0.14285714	0.00000000	0.12307692	0.00000000
## 7	0.12328767	0.00000000	0.04597701	0.00000000	0.14705882	0.00000000
## 8	0.01351351	0.00000000	0.04109589	0.00000000	0.04347826	0.00000000
## 9	0.04000000	0.00000000	0.00000000	0.00000000	0.06557377	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02666667	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000
## 12	0.08974359	0.01408451	0.10144928	0.00000000	0.08955224	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 14	0.17187500	0.00000000	0.16666667	0.00000000	0.13207547	0.00000000
## 15	0.00000000	0.00000000	0.02272727	0.00000000	0.04411765	0.00000000
## 16	0.02941176	0.04477612	0.04000000	0.00000000	0.03947368	0.01388889
## 17	0.15517241	0.00000000	0.08571429	0.00000000	0.09230769	0.00000000
## 18	0.00000000	0.01754386	0.04477612	0.00000000	0.05084746	0.00000000
## 19	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01428571	0.00000000	0.01562500	0.00000000	0.00000000
## 21	0.15873016	0.01724138	0.11111111	0.00000000	0.11940299	0.01612903
## 22	0.09523810	0.01515152	0.07812500	0.00000000	0.12903226	0.00000000
## 23	0.17567568	0.01515152	0.16901408	0.00000000	0.26666667	0.00000000
## 24	0.02666667	0.00000000	0.06557377	0.00000000	0.11267606	0.00000000
## 25	0.02777778	0.00000000	0.03797468	0.00000000	0.07042254	0.00000000
## 26	0.07017544	0.00000000	0.01612903	0.00000000	0.03225806	0.00000000
## 27	0.06060606	0.00000000	0.12068966	0.00000000	0.08571429	0.00000000
## 28	0.01219512	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01470588	0.00000000	0.00000000	0.00000000	0.02898551	0.01428571
## 32	0.01562500	0.01515152	0.00000000	0.00000000	0.00000000	0.02531646
## 33	0.12676056	0.00000000	0.03614458	0.00000000	0.05405405	0.00000000
## 34	0.03508772	0.00000000	0.12500000	0.00000000	0.03125000	0.00000000
## 35	0.04838710	0.01639344	0.16393443	0.00000000	0.11764706	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 38	0.12121212	0.00000000	0.22666667	0.00000000	0.12500000	0.01234568
## 39	0.13636364	0.03333333	0.19402985	0.00000000	0.18055556	0.01428571
## 40	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.16000000	0.03636364	0.24285714	0.00000000	0.18571429	0.00000000
## 42	0.08823529	0.06060606	0.15942029	0.00000000	0.10000000	0.01428571
## 43	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.06451613	0.01612903	0.10294118	0.00000000	0.16923077	0.00000000
## 46	0.13461538	0.06896552	0.13559322	0.00000000	0.05172414	0.00000000
## 47	0.12698413	0.01587302	0.04615385	0.00000000	0.11111111	0.00000000
## 48	0.04545455	0.00000000	0.09375000	0.00000000	0.15873016	0.00000000
## 49	0.04347826	0.01538462	0.01449275	0.00000000	0.04761905	0.01587302
## 50	0.13235294	0.02941176	0.02816901	0.00000000	0.03076923	0.00000000
## 51	0.19696970	0.01851852	0.22580645	0.00000000	0.25000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703
## 54	0.16666667	0.01785714	0.05263158	0.00000000	0.10000000	0.00000000
## 55	0.00000000	0.00000000	0.01851852	0.00000000	0.01587302	0.00000000
## 56	0.10000000	0.01851852	0.21212121	0.00000000	0.18518519	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000

## 60	0.00000000	0.03636364	0.03278689	0.00000000	0.01694915	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000	0.00000000
##	841	842	843	844	845	846
## 1	0.00000000	0.00000000	0.00000000	0.07462687	0.01428571	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.03076923	0.16666667	0.03125000
## 3	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.01351351	0.01492537	0.04615385
## 5	0.00000000	0.00000000	0.00000000	0.03947368	0.01315789	0.04545455
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.05797101	0.06849315
## 7	0.00000000	0.00000000	0.00000000	0.04651163	0.06250000	0.11538462
## 8	0.00000000	0.00000000	0.01428571	0.09638554	0.07142857	0.05479452
## 9	0.00000000	0.00000000	0.00000000	0.02597403	0.09589041	0.04615385
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.04166667
## 12	0.00000000	0.00000000	0.00000000	0.01298701	0.05813953	0.06849315
## 13	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746	0.07407407
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.01351351	0.01408451	0.02777778
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405	0.06451613
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000
## 19	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.03896104	0.27272727	0.10344828
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612	0.01492537
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.05194805	0.11428571
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 25	0.00000000	0.00000000	0.00000000	0.01369863	0.04615385	0.05633803
## 26	0.00000000	0.00000000	0.00000000	0.04411765	0.03773585	0.01470588
## 27	0.00000000	0.00000000	0.00000000	0.02816901	0.05172414	0.07042254
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.05000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 32	0.04838710	0.00000000	0.01960784	0.04411765	0.00000000	0.01538462
## 33	0.00000000	0.00000000	0.00000000	0.01333333	0.03076923	0.04615385
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.05000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.03773585	0.03278689
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.01190476	0.04761905	0.09090909
## 39	0.00000000	0.00000000	0.00000000	0.05555556	0.06153846	0.05797101
## 40	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.02898551	0.13333333	0.13432836
## 42	0.00000000	0.00000000	0.00000000	0.02739726	0.15254237	0.02739726
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01754386	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.06250000	0.03076923
## 46	0.00000000	0.00000000	0.00000000	0.01408451	0.04285714	0.05357143
## 47	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.08771930
## 48	0.00000000	0.00000000	0.00000000	0.03030303	0.20895522	0.08064516
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05357143
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.07042254
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.12500000	0.10447761

## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 53	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000	0.02985075
## 54	0.00000000	0.00000000	0.00000000	0.02985075	0.01515152	0.16949153
## 55	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606	0.02857143
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.01923077	0.05084746	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.06578947	0.02857143	0.01694915
## 60	0.00000000	0.00000000	0.00000000	0.05797101	0.06250000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	847	848	849	850	851	852
## 1	0.01724138	0.00000000	0.00000000	0.02816901	0.04411765	0.01408451
## 2	0.01492537	0.04166667	0.00000000	0.02985075	0.00000000	0.02816901
## 3	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 4	0.05714286	0.07352941	0.00000000	0.02898551	0.00000000	0.00000000
## 5	0.07575758	0.09859155	0.00000000	0.01470588	0.01351351	0.01315789
## 6	0.02777778	0.08450704	0.00000000	0.01538462	0.01428571	0.03658537
## 7	0.12162162	0.08860759	0.00000000	0.10526316	0.00000000	0.02564103
## 8	0.04109589	0.01333333	0.00000000	0.09859155	0.00000000	0.04938272
## 9	0.12500000	0.01515152	0.00000000	0.11111111	0.00000000	0.08219178
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06944444
## 11	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.02500000	0.10389610	0.00000000	0.03703704	0.05194805	0.02298851
## 13	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01886792	0.17741935	0.00000000	0.03333333	0.05769231	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.01123596
## 16	0.01538462	0.01351351	0.00000000	0.01538462	0.03174603	0.01333333
## 17	0.03389831	0.07352941	0.00000000	0.03448276	0.01694915	0.00000000
## 18	0.00000000	0.05882353	0.00000000	0.00000000	0.14285714	0.04938272
## 19	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01176471	0.01428571	0.00000000	0.00000000	0.00000000	0.02409639
## 21	0.05000000	0.09090909	0.00000000	0.12121212	0.03076923	0.01449275
## 22	0.01515152	0.14492754	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.05000000	0.15068493	0.00000000	0.04109589	0.05882353	0.00000000
## 24	0.03448276	0.08750000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.04545455	0.01388889	0.00000000	0.07792208	0.01315789	0.01162791
## 26	0.00000000	0.05633803	0.01408451	0.04761905	0.03174603	0.00000000
## 27	0.16981132	0.00000000	0.00000000	0.10169492	0.01562500	0.05555556
## 28	0.00000000	0.00000000	0.13095238	0.00000000	0.00000000	0.00000000
## 29	0.03333333	0.02777778	0.00000000	0.00000000	0.01515152	0.04411765
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 33	0.01515152	0.03125000	0.00000000	0.00000000	0.04285714	0.00000000
## 34	0.00000000	0.17391304	0.00000000	0.01666667	0.04918033	0.00000000
## 35	0.05769231	0.06060606	0.00000000	0.04838710	0.00000000	0.03508772
## 36	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.04411765	0.08219178	0.01388889	0.05333333	0.00000000	0.00000000
## 39	0.01724138	0.18750000	0.00000000	0.05263158	0.00000000	0.01282051
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 41	0.05084746	0.30158730	0.00000000	0.01960784	0.04225352	0.03333333
## 42	0.01515152	0.14084507	0.00000000	0.04838710	0.03030303	0.02666667
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 45	0.01587302	0.18309859	0.00000000	0.00000000	0.11111111	0.00000000
## 46	0.00000000	0.06153846	0.00000000	0.10937500	0.14705882	0.01449275
## 47	0.07272727	0.07812500	0.00000000	0.04687500	0.01724138	0.01694915
## 48	0.06153846	0.04166667	0.00000000	0.06250000	0.01923077	0.03225806
## 49	0.06349206	0.01449275	0.00000000	0.01612903	0.02777778	0.01298701
## 50	0.03225806	0.08450704	0.00000000	0.02898551	0.04761905	0.01190476
## 51	0.05882353	0.18333333	0.00000000	0.00000000	0.00000000	0.01250000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01388889	0.01492537	0.00000000	0.00000000	0.00000000	0.03571429
## 54	0.13636364	0.10000000	0.00000000	0.03030303	0.01694915	0.02000000
## 55	0.03125000	0.01694915	0.00000000	0.01562500	0.01587302	0.01449275
## 56	0.05797101	0.06060606	0.00000000	0.05479452	0.05882353	0.05882353
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.03174603	0.00000000	0.00000000	0.03333333	0.01470588
## 59	0.01724138	0.02469136	0.01369863	0.04225352	0.01492537	0.00000000
## 60	0.00000000	0.03225806	0.00000000	0.04918033	0.01538462	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
##	853	854	855	856	857	858
## 1	0.00000000	0.00000000	0.00000000	0.03636364	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.01694915	0.07575758	0.03225806	0.01333333
## 3	0.02666667	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.12676056	0.09333333	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.11290323	0.01428571	0.00000000
## 6	0.00000000	0.00000000	0.01388889	0.12307692	0.04545455	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.12500000	0.09333333	0.00000000
## 8	0.01388889	0.00000000	0.00000000	0.07462687	0.04054054	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.06349206	0.02816901	0.00000000
## 10	0.00000000	0.00000000	0.06349206	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.09722222	0.05405405	0.00000000
## 13	0.00000000	0.01408451	0.00000000	0.01639344	0.00000000	0.01492537
## 14	0.00000000	0.00000000	0.00000000	0.24590164	0.01724138	0.00000000
## 15	0.00000000	0.00000000	0.02409639	0.00000000	0.01515152	0.03750000
## 16	0.01315789	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.06451613	0.01369863	0.00000000
## 18	0.01515152	0.00000000	0.00000000	0.05084746	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01351351	0.01470588	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.17647059	0.01470588	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.07352941	0.01515152	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.12857143	0.06779661	0.00000000
## 24	0.01250000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.04615385	0.01315789	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.01587302	0.04054054	0.00000000
## 27	0.00000000	0.00000000	0.01515152	0.07272727	0.03030303	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 29	0.00000000	0.00000000	0.00000000	0.01562500	0.08333333	0.00000000
## 30	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.01960784
## 31	0.00000000	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.02564103	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.04411765	0.05479452	0.00000000
## 34	0.00000000	0.00000000	0.01538462	0.12903226	0.03076923	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.22033898	0.00000000	0.00000000

## 36	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01333333	0.00000000	0.01282051	0.15492958	0.04109589	0.00000000
## 39	0.01515152	0.00000000	0.00000000	0.18461538	0.01408451	0.00000000
## 40	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01428571	0.00000000	0.00000000	0.34482759	0.05633803	0.00000000
## 42	0.01515152	0.01449275	0.00000000	0.14864865	0.01298701	0.01369863
## 43	0.05970149	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 45	0.00000000	0.00000000	0.01298701	0.16666667	0.02666667	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.01388889	0.01449275	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.05263158	0.10000000	0.00000000
## 48	0.00000000	0.00000000	0.03333333	0.11764706	0.01515152	0.00000000
## 49	0.00000000	0.00000000	0.01538462	0.08163265	0.02941176	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.04411765	0.03750000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.28070175	0.10169492	0.00000000
## 52	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01515152	0.01333333	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.16923077	0.15625000	0.00000000
## 55	0.02777778	0.00000000	0.00000000	0.01639344	0.00000000	0.03125000
## 56	0.00000000	0.00000000	0.01562500	0.11764706	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000	0.01408451
## 58	0.06557377	0.00000000	0.00000000	0.05000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.06896552	0.00000000	0.00000000
## 61	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	859	860	861	862	863	864
## 1	0.00000000	0.00000000	0.01886792	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.09836066	0.01886792	0.00000000	0.01492537
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 4	0.00000000	0.00000000	0.07692308	0.03571429	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.17460317	0.00000000	0.00000000	0.01428571
## 6	0.00000000	0.00000000	0.04838710	0.03571429	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.14925373	0.00000000	0.00000000	0.02531646
## 8	0.00000000	0.00000000	0.07936508	0.00000000	0.00000000	0.01369863
## 9	0.00000000	0.00000000	0.06000000	0.00000000	0.00000000	0.00000000
## 10	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01190476	0.00000000	0.02941176	0.00000000	0.02631579
## 12	0.00000000	0.00000000	0.14285714	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.10869565	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.02531646	0.01492537	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.13636364	0.00000000	0.00000000	0.01449275
## 18	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 19	0.01351351	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.16949153	0.01470588	0.00000000	0.01428571
## 22	0.00000000	0.00000000	0.11864407	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.35820896	0.00000000	0.00000000	0.01408451
## 24	0.00000000	0.00000000	0.06557377	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.04411765	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01388889	0.04761905	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.04761905	0.00000000	0.00000000	0.01694915

## 28	0.00000000	0.06410256	0.00000000	0.02777778	0.00000000	0.01149425
## 29	0.01538462	0.00000000	0.01639344	0.03333333	0.00000000	0.01449275
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01587302	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.04411765	0.00000000	0.00000000	0.01351351
## 34	0.00000000	0.00000000	0.14925373	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.10144928	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.24242424	0.00000000	0.00000000	0.02816901
## 39	0.00000000	0.00000000	0.16666667	0.00000000	0.00000000	0.01666667
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.28125000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.13235294	0.01639344	0.00000000	0.03571429
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 44	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.19672131	0.00000000	0.00000000	0.02739726
## 46	0.00000000	0.00000000	0.12903226	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.09677419	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.16000000	0.00000000	0.00000000	0.01428571
## 49	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.01265823	0.16923077	0.05084746	0.00000000	0.01408451
## 51	0.00000000	0.00000000	0.33333333	0.00000000	0.00000000	0.01428571
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.01351351	0.20754717	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.05084746	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.25000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 58	0.00000000	0.00000000	0.01754386	0.00000000	0.01754386	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.01886792	0.00000000	0.00000000	0.01388889
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	865	866	867	868	869	870
## 1	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 2	0.00000000	0.01204819	0.01351351	0.01666667	0.00000000	0.02500000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 4	0.03076923	0.05797101	0.04000000	0.00000000	0.00000000	0.06578947
## 5	0.00000000	0.04054054	0.07500000	0.00000000	0.00000000	0.10526316
## 6	0.01388889	0.04477612	0.04285714	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.07407407	0.00000000	0.00000000	0.00000000	0.03409091
## 8	0.00000000	0.01449275	0.06410256	0.00000000	0.00000000	0.01162791
## 9	0.00000000	0.02777778	0.01428571	0.00000000	0.00000000	0.01315789
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.01923077	0.01388889	0.06666667	0.00000000	0.03389831	0.02272727
## 12	0.03947368	0.12000000	0.09638554	0.00000000	0.00000000	0.17241379
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01754386	0.06060606	0.01785714	0.00000000	0.00000000	0.02857143
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.14705882	0.01369863	0.04000000	0.01492537	0.01408451	0.03571429
## 17	0.03508772	0.09859155	0.14864865	0.00000000	0.00000000	0.09411765
## 18	0.01538462	0.05882353	0.12121212	0.00000000	0.00000000	0.04054054
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000

## 20	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 21	0.01886792	0.09722222	0.00000000	0.00000000	0.00000000	0.08695652
## 22	0.05172414	0.03030303	0.10810811	0.00000000	0.00000000	0.03703704
## 23	0.06349206	0.04477612	0.11267606	0.00000000	0.00000000	0.14666667
## 24	0.01923077	0.01204819	0.02777778	0.00000000	0.01219512	0.02298851
## 25	0.00000000	0.01282051	0.04054054	0.00000000	0.00000000	0.04761905
## 26	0.03448276	0.01449275	0.01449275	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.05970149	0.04225352	0.00000000	0.00000000	0.01408451
## 28	0.01612903	0.00000000	0.00000000	0.01562500	0.01492537	0.00000000
## 29	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01408451	0.05000000	0.18840580	0.00000000	0.00000000	0.04819277
## 34	0.03508772	0.02941176	0.01562500	0.00000000	0.00000000	0.02298851
## 35	0.00000000	0.04615385	0.08333333	0.00000000	0.00000000	0.06250000
## 36	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.09756098	0.02500000	0.00000000	0.00000000	0.12222222
## 39	0.05000000	0.08333333	0.05333333	0.01724138	0.00000000	0.03947368
## 40	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.04687500	0.06349206	0.04838710	0.00000000	0.00000000	0.12820513
## 42	0.04687500	0.08000000	0.08571429	0.00000000	0.00000000	0.09523810
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.03278689	0.04687500	0.14492754	0.00000000	0.00000000	0.06976744
## 46	0.03174603	0.07575758	0.03076923	0.00000000	0.00000000	0.01351351
## 47	0.01851852	0.05000000	0.04545455	0.00000000	0.01470588	0.05797101
## 48	0.00000000	0.04545455	0.04054054	0.00000000	0.00000000	0.00000000
## 49	0.03773585	0.02597403	0.04545455	0.00000000	0.00000000	0.02666667
## 50	0.01515152	0.02739726	0.05633803	0.00000000	0.00000000	0.02739726
## 51	0.00000000	0.08219178	0.04347826	0.00000000	0.00000000	0.12500000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.02500000
## 53	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 54	0.01562500	0.04225352	0.06349206	0.00000000	0.00000000	0.04477612
## 55	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.01449275
## 56	0.05660377	0.12500000	0.20312500	0.00000000	0.00000000	0.22535211
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.02500000	0.00000000
##	871	872	873	874	875	876
## 1	0.01449275	0.00000000	0.04225352	0.00000000	0.01470588	0.00000000
## 2	0.03389831	0.00000000	0.12676056	0.00000000	0.08108108	0.01449275
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.13846154	0.00000000	0.10126582	0.00000000	0.13924051	0.00000000
## 5	0.12500000	0.00000000	0.08450704	0.01515152	0.18571429	0.00000000
## 6	0.07692308	0.00000000	0.16455696	0.02702703	0.06451613	0.00000000
## 7	0.06493506	0.00000000	0.26388889	0.02500000	0.15909091	0.01298701
## 8	0.01176471	0.00000000	0.14117647	0.00000000	0.08750000	0.01428571
## 9	0.00000000	0.00000000	0.13698630	0.00000000	0.06060606	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02857143	0.00000000	0.05555556	0.00000000	0.05714286	0.00000000



## 12	0.23456790	0.00000000	0.10389610	0.01492537	0.27380952	0.01369863
## 13	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.11290323	0.00000000	0.06779661	0.00000000	0.21428571	0.00000000
## 15	0.00000000	0.00000000	0.01136364	0.00000000	0.00000000	0.00000000
## 16	0.06666667	0.00000000	0.02739726	0.00000000	0.10526316	0.00000000
## 17	0.07142857	0.00000000	0.15492958	0.00000000	0.15873016	0.00000000
## 18	0.07812500	0.00000000	0.05747126	0.01960784	0.08196721	0.00000000
## 19	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.07894737	0.00000000	0.13846154	0.03225806	0.13114754	0.00000000
## 22	0.13888889	0.00000000	0.12857143	0.03636364	0.07246377	0.00000000
## 23	0.04054054	0.00000000	0.18987342	0.00000000	0.12328767	0.00000000
## 24	0.08695652	0.00000000	0.12307692	0.01666667	0.01562500	0.00000000
## 25	0.03750000	0.00000000	0.06666667	0.02985075	0.04705882	0.00000000
## 26	0.01449275	0.00000000	0.01515152	0.00000000	0.05555556	0.00000000
## 27	0.00000000	0.00000000	0.18055556	0.00000000	0.03174603	0.00000000
## 28	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.07246377
## 29	0.01449275	0.00000000	0.00000000	0.05000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01408451	0.02898551	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 33	0.06849315	0.00000000	0.04411765	0.00000000	0.03658537	0.00000000
## 34	0.04000000	0.00000000	0.04285714	0.00000000	0.09677419	0.01562500
## 35	0.08771930	0.00000000	0.08695652	0.00000000	0.15714286	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.19718310	0.00000000	0.17857143	0.03225806	0.24285714	0.00000000
## 39	0.09210526	0.00000000	0.12820513	0.00000000	0.22727273	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.18181818	0.00000000	0.12162162	0.00000000	0.17910448	0.01666667
## 42	0.10447761	0.00000000	0.02564103	0.00000000	0.25000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01369863	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 45	0.08750000	0.00000000	0.14084507	0.00000000	0.16250000	0.01428571
## 46	0.08695652	0.00000000	0.15277778	0.00000000	0.18181818	0.00000000
## 47	0.06349206	0.00000000	0.14062500	0.00000000	0.09836066	0.00000000
## 48	0.08955224	0.00000000	0.20253165	0.01538462	0.17543860	0.00000000
## 49	0.01562500	0.00000000	0.02173913	0.00000000	0.04477612	0.01612903
## 50	0.11111111	0.00000000	0.05000000	0.01724138	0.19444444	0.01562500
## 51	0.09230769	0.00000000	0.14457831	0.00000000	0.13636364	0.01587302
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01886792	0.01515152	0.00000000
## 54	0.06060606	0.00000000	0.21538462	0.04444444	0.10937500	0.01538462
## 55	0.03030303	0.00000000	0.02777778	0.00000000	0.01639344	0.00000000
## 56	0.17142857	0.00000000	0.11475410	0.00000000	0.33870968	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.04615385	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000
## 59	0.00000000	0.00000000	0.01265823	0.01449275	0.01315789	0.01562500
## 60	0.01408451	0.00000000	0.04615385	0.00000000	0.06250000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	877	878	879	880	881	882
## 1	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 2	0.05263158	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 4	0.01428571	0.09638554	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.02777778	0.05333333	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.04225352	0.12121212	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.16049383	0.05263158	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.08450704	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.09333333	0.04918033	0.03030303	0.00000000	0.00000000	0.01538462
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792
## 11	0.01351351	0.05555556	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.05000000	0.08860759	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 14	0.04918033	0.04000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.02500000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.01351351	0.08860759	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.06666667
## 20	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 21	0.05194805	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.10810811	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.10000000	0.08974359	0.00000000	0.01492537	0.00000000	0.00000000
## 24	0.05333333	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.02739726	0.10000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.03125000	0.00000000	0.01333333	0.00000000	0.00000000
## 27	0.04166667	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 29	0.00000000	0.00000000	0.01694915	0.00000000	0.01538462	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01428571	0.01388889	0.00000000	0.01250000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.02777778	0.10000000	0.04761905	0.05084746
## 33	0.03797468	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.01694915	0.08695652	0.00000000	0.01428571	0.00000000	0.00000000
## 35	0.07575758	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02409639	0.09876543	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.04285714	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.01315789	0.03448276	0.00000000
## 41	0.07246377	0.09090909	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.02777778	0.03797468	0.00000000	0.00000000	0.01470588	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.05172414	0.01428571	0.07462687	0.00000000
## 45	0.02739726	0.03947368	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.03174603	0.07936508	0.00000000	0.00000000	0.01587302	0.00000000
## 47	0.10344828	0.03389831	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.08219178	0.05633803	0.00000000	0.01449275	0.00000000	0.00000000
## 49	0.01470588	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.04109589	0.08139535	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.10389610	0.14473684	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.03488372	0.00000000	0.00000000	0.00000000	0.01470588	0.01639344
## 54	0.08219178	0.11267606	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.04615385	0.14754098	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 58	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.04166667	0.03278689	0.00000000
## 60	0.00000000	0.01515152	0.03846154	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	883	884	885	886	887	888
## 1	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.04477612	0.00000000	0.04838710	0.03508772	0.01538462	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.04494382	0.00000000	0.07228916	0.04687500	0.00000000	0.01388889
## 5	0.02469136	0.00000000	0.09333333	0.12962963	0.01388889	0.00000000
## 6	0.03658537	0.00000000	0.16049383	0.04687500	0.00000000	0.00000000
## 7	0.10000000	0.01369863	0.06172840	0.04225352	0.00000000	0.00000000
## 8	0.08108108	0.00000000	0.05882353	0.01408451	0.00000000	0.00000000
## 9	0.06756757	0.01851852	0.03125000	0.03278689	0.00000000	0.00000000
## 10	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02597403	0.00000000	0.01369863	0.03030303	0.01333333	0.01315789
## 12	0.03750000	0.00000000	0.28767123	0.14492754	0.01265823	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.06349206	0.00000000	0.19354839	0.08928571	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01162791	0.00000000	0.01333333	0.09876543	0.00000000	0.02816901
## 17	0.03947368	0.00000000	0.13888889	0.16363636	0.03125000	0.00000000
## 18	0.01333333	0.00000000	0.09859155	0.10937500	0.00000000	0.00000000
## 19	0.01282051	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01086957	0.00000000	0.00000000	0.00000000	0.00000000	0.01190476
## 21	0.06578947	0.00000000	0.10144928	0.05000000	0.00000000	0.01369863
## 22	0.00000000	0.00000000	0.09210526	0.06153846	0.00000000	0.00000000
## 23	0.02898551	0.00000000	0.28571429	0.08823529	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.02816901	0.03571429	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.02409639	0.01754386	0.00000000	0.01298701
## 26	0.00000000	0.00000000	0.01428571	0.01639344	0.00000000	0.01282051
## 27	0.01428571	0.02000000	0.10294118	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.04225352	0.00000000	0.03125000	0.01470588	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.02000000	0.01408451	0.00000000	0.00000000	0.00000000
## 32	0.01449275	0.08620690	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01204819	0.00000000	0.10389610	0.04285714	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.16666667	0.01639344	0.00000000	0.00000000
## 36	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.05882353	0.00000000	0.19767442	0.12857143	0.01388889	0.00000000
## 39	0.02816901	0.00000000	0.20000000	0.04838710	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.06250000	0.00000000	0.15277778	0.13636364	0.01515152	0.00000000
## 42	0.02380952	0.00000000	0.09523810	0.14285714	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 44	0.00000000	0.00000000	0.00000000	0.02040816	0.00000000	0.00000000
## 45	0.03947368	0.00000000	0.12676056	0.08823529	0.01333333	0.00000000
## 46	0.01562500	0.01754386	0.13636364	0.10000000	0.01754386	0.00000000
## 47	0.01315789	0.00000000	0.15000000	0.07407407	0.04918033	0.00000000
## 48	0.09333333	0.00000000	0.10769231	0.06060606	0.01639344	0.00000000
## 49	0.09090909	0.00000000	0.04477612	0.08163265	0.01754386	0.00000000

## 50	0.02409639	0.00000000	0.09459459	0.16417910	0.01492537	0.00000000
## 51	0.01298701	0.00000000	0.12676056	0.05000000	0.01754386	0.00000000
## 52	0.00000000	0.00000000	0.01190476	0.00000000	0.00000000	0.00000000
## 53	0.03947368	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.05714286	0.00000000	0.07462687	0.10769231	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.03448276	0.01724138	0.00000000	0.01666667
## 56	0.03947368	0.00000000	0.36842105	0.27272727	0.00000000	0.00000000
## 57	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.02985075	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 59	0.05405405	0.05555556	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.02222222	0.03389831	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	889	890	891	892	893	894
## 1	0.01492537	0.02777778	0.06666667	0.02898551	0.07246377	0.00000000
## 2	0.04000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.01470588
## 4	0.03846154	0.02739726	0.00000000	0.01351351	0.00000000	0.00000000
## 5	0.04938272	0.00000000	0.01428571	0.02597403	0.03797468	0.00000000
## 6	0.07142857	0.02777778	0.01428571	0.01219512	0.00000000	0.00000000
## 7	0.06944444	0.03571429	0.01162791	0.00000000	0.03157895	0.00000000
## 8	0.04166667	0.03846154	0.00000000	0.01250000	0.02222222	0.00000000
## 9	0.06060606	0.02816901	0.01492537	0.01408451	0.04225352	0.00000000
## 10	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.07894737	0.05263158	0.00000000	0.00000000	0.02739726	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.07575758	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.05263158	0.00000000	0.01388889	0.02597403	0.03076923	0.00000000
## 17	0.08219178	0.02631579	0.01492537	0.01538462	0.02666667	0.00000000
## 18	0.03508772	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01190476	0.00000000
## 21	0.06060606	0.07142857	0.01538462	0.00000000	0.02631579	0.00000000
## 22	0.02985075	0.05479452	0.00000000	0.00000000	0.01587302	0.00000000
## 23	0.09090909	0.02857143	0.01265823	0.00000000	0.01333333	0.00000000
## 24	0.00000000	0.05333333	0.00000000	0.01190476	0.00000000	0.00000000
## 25	0.03750000	0.00000000	0.01190476	0.00000000	0.01408451	0.00000000
## 26	0.02898551	0.01515152	0.01428571	0.04000000	0.01562500	0.00000000
## 27	0.01562500	0.07142857	0.01298701	0.01587302	0.02816901	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.04545455	0.00000000	0.03750000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01612903	0.00000000	0.04477612	0.01265823	0.01351351	0.00000000
## 33	0.02500000	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.01515152	0.05970149	0.00000000	0.01298701	0.01562500	0.00000000
## 35	0.02739726	0.02531646	0.00000000	0.00000000	0.01515152	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02816901	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.08333333	0.02857143	0.00000000	0.01282051	0.01298701	0.00000000
## 40	0.01492537	0.00000000	0.05555556	0.02272727	0.05333333	0.00000000
## 41	0.08333333	0.02739726	0.01298701	0.00000000	0.03225806	0.00000000

## 42	0.03947368	0.01470588	0.01369863	0.00000000	0.01282051	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.26760563	0.09459459	0.06349206	0.00000000
## 45	0.05797101	0.10666667	0.01351351	0.01351351	0.01282051	0.00000000
## 46	0.04838710	0.01449275	0.00000000	0.01562500	0.05405405	0.00000000
## 47	0.11864407	0.01428571	0.00000000	0.00000000	0.05555556	0.00000000
## 48	0.03174603	0.07575758	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.03076923	0.00000000	0.01315789	0.00000000	0.00000000	0.01754386
## 50	0.06666667	0.01408451	0.03797468	0.00000000	0.04285714	0.00000000
## 51	0.04761905	0.08333333	0.01470588	0.01408451	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 53	0.01470588	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000
## 54	0.08064516	0.01388889	0.02898551	0.01492537	0.02739726	0.00000000
## 55	0.00000000	0.00000000	0.01408451	0.00000000	0.02898551	0.00000000
## 56	0.06060606	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.05172414	0.00000000	0.01587302	0.00000000	0.00000000
## 59	0.01449275	0.00000000	0.01470588	0.02666667	0.00000000	0.00000000
## 60	0.00000000	0.01666667	0.01724138	0.07042254	0.01754386	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	895	896	897	898	899	900
## 1	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.01515152	0.00000000	0.01315789	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 5	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.01282051
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.01388889	0.00000000	0.00000000	0.01219512	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000
## 11	0.02985075	0.00000000	0.07812500	0.04347826	0.00000000	0.01351351
## 12	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.03529412
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01923077	0.00000000	0.01886792	0.01408451	0.00000000	0.01369863
## 15	0.00000000	0.01612903	0.00000000	0.00000000	0.03174603	0.00000000
## 16	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405
## 17	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.02500000
## 19	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02500000
## 21	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.01369863	0.01694915	0.00000000	0.00000000	0.01538462
## 23	0.00000000	0.01369863	0.01515152	0.00000000	0.01315789	0.05000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 25	0.01612903	0.01219512	0.02898551	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.04054054
## 27	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.02816901	0.01351351	0.00000000	0.00000000	0.00000000	0.01176471
## 29	0.01587302	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.01515152	0.00000000	0.00000000	0.04347826	0.00000000
## 31	0.00000000	0.01562500	0.00000000	0.00000000	0.15492958	0.00000000
## 32	0.00000000	0.01470588	0.00000000	0.00000000	0.01408451	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.01234568

## 34	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000	0.01724138
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.01250000
## 39	0.01408451	0.01587302	0.00000000	0.00000000	0.00000000	0.02777778
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.01388889	0.00000000	0.00000000	0.01315789	0.04918033
## 42	0.01408451	0.05000000	0.01428571	0.01428571	0.02597403	0.02666667
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01204819
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01515152	0.00000000	0.01449275	0.00000000	0.04054054
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 47	0.00000000	0.01694915	0.00000000	0.02857143	0.00000000	0.00000000
## 48	0.00000000	0.01785714	0.00000000	0.00000000	0.01587302	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.02898551	0.00000000	0.00000000	0.01234568	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.04166667
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000
## 54	0.01639344	0.00000000	0.00000000	0.01515152	0.00000000	0.01388889
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05970149
## 56	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01923077	0.00000000	0.00000000	0.01449275	0.00000000
## 59	0.03508772	0.05633803	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000	0.01587302
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	901	902	903	904	905	906
## 1	0.00000000	0.01612903	0.02898551	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.04109589	0.07042254	0.00000000	0.00000000	0.01351351
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.06250000	0.07407407	0.00000000	0.00000000	0.02597403
## 5	0.01428571	0.04166667	0.01315789	0.00000000	0.00000000	0.01538462
## 6	0.00000000	0.07692308	0.03614458	0.00000000	0.00000000	0.07352941
## 7	0.00000000	0.04000000	0.16853933	0.00000000	0.00000000	0.09756098
## 8	0.00000000	0.03614458	0.11842105	0.00000000	0.00000000	0.06172840
## 9	0.00000000	0.02777778	0.20833333	0.01492537	0.00000000	0.04054054
## 10	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 11	0.04109589	0.05263158	0.00000000	0.00000000	0.01388889	0.00000000
## 12	0.00000000	0.21250000	0.03333333	0.00000000	0.00000000	0.12195122
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.20312500	0.04285714	0.00000000	0.00000000	0.05194805
## 15	0.00000000	0.01176471	0.00000000	0.06250000	0.00000000	0.00000000
## 16	0.01369863	0.03278689	0.03409091	0.01282051	0.00000000	0.01204819
## 17	0.01587302	0.08955224	0.08450704	0.00000000	0.00000000	0.06756757
## 18	0.00000000	0.05714286	0.03278689	0.00000000	0.00000000	0.07246377
## 19	0.00000000	0.01515152	0.01369863	0.01333333	0.00000000	0.01204819
## 20	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.06250000	0.08450704	0.00000000	0.00000000	0.03174603
## 22	0.00000000	0.14705882	0.01449275	0.00000000	0.00000000	0.02597403
## 23	0.00000000	0.08641975	0.03896104	0.00000000	0.00000000	0.05128205
## 24	0.00000000	0.03278689	0.02500000	0.00000000	0.00000000	0.00000000
## 25	0.01449275	0.02531646	0.01234568	0.00000000	0.00000000	0.01282051

## 26	0.00000000	0.01369863	0.01388889	0.00000000	0.00000000	0.01369863
## 27	0.00000000	0.03571429	0.14754098	0.01562500	0.00000000	0.03125000
## 28	0.01315789	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 29	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000	0.01587302
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.05000000	0.01282051	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.04918033	0.02666667	0.00000000	0.00000000	0.01492537
## 35	0.00000000	0.12727273	0.14925373	0.02941176	0.00000000	0.04347826
## 36	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 38	0.00000000	0.18181818	0.06493506	0.00000000	0.00000000	0.07792208
## 39	0.00000000	0.12328767	0.02941176	0.00000000	0.00000000	0.01428571
## 40	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.07692308	0.09523810	0.00000000	0.00000000	0.03614458
## 42	0.00000000	0.04545455	0.01408451	0.00000000	0.00000000	0.02469136
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01492537	0.09589041	0.04651163	0.00000000	0.00000000	0.04819277
## 46	0.00000000	0.07812500	0.01428571	0.00000000	0.00000000	0.02985075
## 47	0.00000000	0.09523810	0.08695652	0.00000000	0.00000000	0.09859155
## 48	0.00000000	0.06849315	0.03174603	0.00000000	0.00000000	0.02941176
## 49	0.00000000	0.07692308	0.04838710	0.00000000	0.00000000	0.02898551
## 50	0.00000000	0.08823529	0.05882353	0.00000000	0.00000000	0.11594203
## 51	0.00000000	0.10294118	0.07142857	0.00000000	0.00000000	0.06153846
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.02816901	0.02531646	0.00000000	0.00000000
## 54	0.00000000	0.05000000	0.11764706	0.00000000	0.00000000	0.03448276
## 55	0.00000000	0.01562500	0.03947368	0.04545455	0.00000000	0.00000000
## 56	0.00000000	0.14754098	0.13235294	0.00000000	0.00000000	0.11392405
## 57	0.00000000	0.00000000	0.00000000	0.06944444	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 60	0.00000000	0.01754386	0.01333333	0.00000000	0.01612903	0.01694915
## 61	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000
##	907	908	909	910	911	912
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 2	0.00000000	0.01492537	0.00000000	0.04918033	0.01388889	0.10000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000
## 4	0.00000000	0.04000000	0.00000000	0.00000000	0.00000000	0.01562500
## 5	0.00000000	0.03750000	0.00000000	0.04109589	0.00000000	0.09589041
## 6	0.00000000	0.01136364	0.00000000	0.04477612	0.00000000	0.05714286
## 7	0.00000000	0.05405405	0.00000000	0.02816901	0.00000000	0.09302326
## 8	0.00000000	0.01369863	0.00000000	0.02631579	0.00000000	0.09523810
## 9	0.00000000	0.00000000	0.00000000	0.06666667	0.00000000	0.05882353
## 10	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 11	0.00000000	0.02777778	0.00000000	0.10769231	0.00000000	0.02531646
## 12	0.00000000	0.10588235	0.00000000	0.01470588	0.00000000	0.03448276
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.05128205	0.00000000	0.01923077	0.00000000	0.09259259
## 15	0.00000000	0.00000000	0.01149425	0.00000000	0.01449275	0.00000000
## 16	0.00000000	0.20731707	0.00000000	0.03448276	0.00000000	0.05714286
## 17	0.00000000	0.06756757	0.00000000	0.01639344	0.00000000	0.05633803

## 18	0.00000000	0.10256410	0.00000000	0.04687500	0.00000000	0.03278689
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.15492958	0.00000000
## 20	0.03030303	0.01351351	0.01298701	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.10294118	0.00000000	0.06557377	0.00000000	0.10000000
## 22	0.00000000	0.03571429	0.00000000	0.01818182	0.00000000	0.01562500
## 23	0.00000000	0.05479452	0.00000000	0.01408451	0.00000000	0.12121212
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368	0.05555556
## 25	0.00000000	0.02352941	0.00000000	0.08695652	0.01351351	0.03797468
## 26	0.00000000	0.11111111	0.00000000	0.01428571	0.00000000	0.01587302
## 27	0.00000000	0.01612903	0.00000000	0.04761905	0.02083333	0.00000000
## 28	0.01388889	0.02380952	0.00000000	0.00000000	0.00000000	0.02469136
## 29	0.00000000	0.02739726	0.00000000	0.06349206	0.00000000	0.06849315
## 30	0.00000000	0.00000000	0.09090909	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000
## 33	0.00000000	0.02409639	0.00000000	0.07352941	0.01515152	0.02597403
## 34	0.00000000	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.02564103	0.00000000	0.07142857	0.00000000	0.01639344
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.07692308	0.00000000	0.04687500	0.00000000	0.08823529
## 39	0.00000000	0.05479452	0.00000000	0.06060606	0.00000000	0.05797101
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.01449275
## 41	0.00000000	0.13333333	0.00000000	0.06451613	0.00000000	0.15151515
## 42	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.10000000
## 43	0.00000000	0.01149425	0.00000000	0.00000000	0.01428571	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.01851852
## 45	0.00000000	0.08750000	0.00000000	0.03333333	0.00000000	0.04545455
## 46	0.00000000	0.05633803	0.00000000	0.01612903	0.00000000	0.05555556
## 47	0.00000000	0.06896552	0.00000000	0.06250000	0.01562500	0.04615385
## 48	0.00000000	0.07936508	0.00000000	0.07352941	0.00000000	0.06666667
## 49	0.00000000	0.04000000	0.00000000	0.05769231	0.01612903	0.06557377
## 50	0.00000000	0.06329114	0.00000000	0.04054054	0.00000000	0.06493506
## 51	0.00000000	0.02816901	0.00000000	0.03448276	0.00000000	0.04285714
## 52	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01587302	0.03225806	0.00000000
## 54	0.00000000	0.08333333	0.00000000	0.06779661	0.00000000	0.15151515
## 55	0.00000000	0.06060606	0.00000000	0.00000000	0.01666667	0.01612903
## 56	0.00000000	0.08695652	0.00000000	0.12068966	0.00000000	0.08955224
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689	0.01612903
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 60	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	913	914	915	916	917	918
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01639344	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000
## 5	0.00000000	0.01369863	0.00000000	0.01351351	0.00000000	0.00000000
## 6	0.00000000	0.01449275	0.00000000	0.02597403	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000



## 10	0.01515152	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.02985075	0.00000000	0.02531646	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.02272727	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.03896104	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.03030303	0.00000000	0.02439024	0.00000000	0.00000000
## 17	0.00000000	0.01204819	0.00000000	0.01315789	0.00000000	0.00000000
## 18	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01428571	0.00000000	0.05797101	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 22	0.00000000	0.01428571	0.00000000	0.01298701	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.07936508	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01449275	0.00000000	0.02702703	0.00000000	0.00000000
## 27	0.00000000	0.04477612	0.00000000	0.01428571	0.00000000	0.00000000
## 28	0.00000000	0.02469136	0.00000000	0.00000000	0.00000000	0.01250000
## 29	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.01315789
## 33	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.03846154
## 37	0.01851852	0.00000000	0.00000000	0.00000000	0.06557377	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.01351351	0.00000000	0.02666667	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.01190476	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.06944444	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 56	0.00000000	0.01492537	0.00000000	0.04477612	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000
##	919	920	921	922	923	924
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 2	0.00000000	0.00000000	0.06349206	0.00000000	0.01724138	0.09836066
## 3	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.02500000	0.00000000	0.13235294	0.01818182
## 5	0.00000000	0.00000000	0.01428571	0.00000000	0.08450704	0.01639344
## 6	0.00000000	0.00000000	0.05882353	0.00000000	0.04687500	0.05333333
## 7	0.00000000	0.00000000	0.08000000	0.00000000	0.07462687	0.05063291
## 8	0.00000000	0.00000000	0.04285714	0.00000000	0.06557377	0.02666667
## 9	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.08333333
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.06153846	0.00000000	0.07575758	0.00000000
## 12	0.00000000	0.00000000	0.01515152	0.00000000	0.17333333	0.00000000
## 13	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.06779661	0.00000000	0.14545455	0.03225806
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000
## 17	0.00000000	0.00000000	0.01587302	0.00000000	0.10714286	0.01666667
## 18	0.00000000	0.00000000	0.05882353	0.00000000	0.09523810	0.03125000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778
## 20	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.07936508	0.00000000	0.10937500	0.06557377
## 22	0.00000000	0.00000000	0.11290323	0.00000000	0.09333333	0.01515152
## 23	0.00000000	0.00000000	0.12857143	0.00000000	0.14492754	0.01369863
## 24	0.00000000	0.00000000	0.01538462	0.00000000	0.03076923	0.00000000
## 25	0.00000000	0.00000000	0.01282051	0.00000000	0.07462687	0.07142857
## 26	0.00000000	0.01612903	0.01315789	0.02040816	0.05000000	0.00000000
## 27	0.00000000	0.00000000	0.01785714	0.00000000	0.06779661	0.07462687
## 28	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03389831
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.01388889	0.00000000	0.08333333	0.03030303
## 34	0.00000000	0.00000000	0.05172414	0.00000000	0.07812500	0.01587302
## 35	0.00000000	0.00000000	0.05357143	0.00000000	0.08474576	0.05000000
## 36	0.00000000	0.01428571	0.00000000	0.03389831	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.05263158	0.00000000	0.13333333	0.02985075
## 39	0.00000000	0.00000000	0.06410256	0.00000000	0.08928571	0.01470588
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.07352941	0.00000000	0.11428571	0.04918033
## 42	0.00000000	0.00000000	0.05405405	0.00000000	0.01515152	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.12857143	0.00000000	0.15384615	0.02702703
## 46	0.00000000	0.00000000	0.06060606	0.00000000	0.03225806	0.03225806
## 47	0.00000000	0.00000000	0.03571429	0.00000000	0.08196721	0.04615385
## 48	0.00000000	0.00000000	0.12987013	0.00000000	0.03278689	0.08823529
## 49	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.04477612
## 50	0.00000000	0.00000000	0.02380952	0.00000000	0.13846154	0.00000000
## 51	0.00000000	0.00000000	0.13636364	0.00000000	0.33870968	0.01587302
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 53	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 54	0.00000000	0.00000000	0.07142857	0.00000000	0.03389831	0.05454545
## 55	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000

## 56	0.00000000	0.00000000	0.12698413	0.00000000	0.21875000	0.01449275
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 58	0.00000000	0.00000000	0.01587302	0.00000000	0.01851852	0.00000000
## 59	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.01754386
## 60	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	925	926	927	928	929	930
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.02898551	0.03278689	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.01190476	0.01204819	0.00000000
## 8	0.00000000	0.02702703	0.01408451	0.00000000	0.01234568	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000
## 10	0.00000000	0.00000000	0.06349206	0.00000000	0.02777778	0.00000000
## 11	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.01190476	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.02816901	0.00000000	0.01754386	0.01265823	0.00000000
## 17	0.00000000	0.02777778	0.00000000	0.00000000	0.01408451	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 19	0.01724138	0.00000000	0.01666667	0.00000000	0.02500000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.05263158	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.01492537	0.00000000	0.01470588	0.00000000	0.00000000
## 25	0.00000000	0.01333333	0.00000000	0.00000000	0.02702703	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000
## 27	0.00000000	0.01449275	0.00000000	0.00000000	0.04285714	0.00000000
## 28	0.01470588	0.04347826	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.01538462	0.00000000	0.00000000	0.02739726	0.00000000
## 35	0.00000000	0.00000000	0.01562500	0.00000000	0.01369863	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.01470588	0.00000000	0.01639344	0.01298701	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 44	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000
## 47	0.00000000	0.01754386	0.00000000	0.00000000	0.02857143	0.00000000

## 48	0.00000000	0.03225806	0.00000000	0.00000000	0.01470588	0.00000000
## 49	0.00000000	0.01886792	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.01250000	0.00000000	0.01538462	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.01492537	0.00000000	0.01428571	0.04225352	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 56	0.00000000	0.01562500	0.00000000	0.01587302	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01123596	0.00000000
## 58	0.03333333	0.00000000	0.00000000	0.03571429	0.00000000	0.00000000
## 59	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.06153846	0.00000000	0.00000000
##	931	932	933	934	935	936
## 1	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000
## 4	0.01123596	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.06578947	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 11	0.00000000	0.01162791	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.06410256	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 14	0.03571429	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.04000000	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.26027397	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01162791	0.04687500	0.00000000	0.00000000	0.00000000
## 21	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.12328767	0.01176471	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.01219512	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.01265823	0.01075269	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.01250000	0.00000000	0.00000000	0.01428571	0.01470588
## 29	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 33	0.05714286	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.10000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.03571429	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.02985075	0.02857143	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 40	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.06410256	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.13636364	0.01162791	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.09090909	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.01449275	0.00000000	0.04838710	0.01694915	0.00000000	0.00000000
## 56	0.08000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.04761905	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	937	938	939	940	941	942
## 1	0.00000000	0.01515152	0.00000000	0.03076923	0.00000000	0.00000000
## 2	0.00000000	0.05263158	0.01694915	0.01639344	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 4	0.00000000	0.04054054	0.00000000	0.00000000	0.01408451	0.00000000
## 5	0.00000000	0.05405405	0.00000000	0.03076923	0.08450704	0.05555556
## 6	0.00000000	0.06666667	0.00000000	0.01408451	0.00000000	0.01315789
## 7	0.00000000	0.12222222	0.00000000	0.03571429	0.02666667	0.00000000
## 8	0.00000000	0.07500000	0.00000000	0.08064516	0.02409639	0.02564103
## 9	0.00000000	0.17105263	0.00000000	0.07894737	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.01449275
## 12	0.00000000	0.03488372	0.00000000	0.00000000	0.08974359	0.02702703
## 13	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 14	0.00000000	0.02985075	0.00000000	0.01666667	0.09230769	0.03125000
## 15	0.00000000	0.01176471	0.00000000	0.00000000	0.01282051	0.00000000
## 16	0.00000000	0.01282051	0.00000000	0.00000000	0.02631579	0.07042254
## 17	0.00000000	0.03896104	0.00000000	0.03125000	0.05128205	0.01428571
## 18	0.00000000	0.01562500	0.00000000	0.00000000	0.10447761	0.00000000
## 19	0.01562500	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 20	0.01428571	0.02352941	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.07407407	0.00000000	0.03225806	0.03333333	0.02898551
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.03278689
## 23	0.00000000	0.02702703	0.00000000	0.03658537	0.01470588	0.08955224
## 24	0.00000000	0.00000000	0.01538462	0.00000000	0.01724138	0.00000000
## 25	0.00000000	0.02666667	0.00000000	0.06756757	0.01190476	0.00000000
## 26	0.00000000	0.01250000	0.00000000	0.00000000	0.05084746	0.01470588
## 27	0.00000000	0.18032787	0.00000000	0.12000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.03750000
## 29	0.00000000	0.02631579	0.00000000	0.00000000	0.02898551	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 32	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 33	0.00000000	0.02702703	0.00000000	0.01204819	0.01587302	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.01538462	0.07407407	0.00000000
## 35	0.00000000	0.16438356	0.00000000	0.01612903	0.01562500	0.04285714
## 36	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 37	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.07042254	0.00000000	0.00000000	0.03750000	0.01408451
## 39	0.00000000	0.08333333	0.01388889	0.04285714	0.01587302	0.09589041
## 40	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 41	0.00000000	0.01515152	0.00000000	0.01449275	0.04918033	0.05882353
## 42	0.00000000	0.01219512	0.00000000	0.01428571	0.08695652	0.05479452
## 43	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01298701	0.00000000	0.03773585	0.02857143	0.00000000
## 45	0.00000000	0.01492537	0.00000000	0.00000000	0.03174603	0.03030303
## 46	0.00000000	0.05405405	0.00000000	0.00000000	0.03225806	0.01666667
## 47	0.00000000	0.01369863	0.00000000	0.02857143	0.05357143	0.01754386
## 48	0.00000000	0.10144928	0.00000000	0.00000000	0.03225806	0.00000000
## 49	0.00000000	0.02777778	0.00000000	0.00000000	0.03571429	0.00000000
## 50	0.00000000	0.02380952	0.00000000	0.02739726	0.08571429	0.01470588
## 51	0.00000000	0.04615385	0.00000000	0.01333333	0.00000000	0.02739726
## 52	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000
## 54	0.00000000	0.04411765	0.00000000	0.00000000	0.06896552	0.00000000
## 55	0.00000000	0.02500000	0.00000000	0.01694915	0.00000000	0.01351351
## 56	0.00000000	0.08450704	0.00000000	0.03125000	0.09230769	0.03389831
## 57	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01492537	0.00000000	0.01428571	0.01449275	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01515152	0.02666667	0.00000000
## 60	0.00000000	0.03030303	0.00000000	0.05172414	0.03333333	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	943	944	945	946	947	948
## 1	0.00000000	0.00000000	0.00000000	0.06557377	0.00000000	0.05084746
## 2	0.01639344	0.05797101	0.00000000	0.04411765	0.00000000	0.02500000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01388889	0.16666667	0.00000000	0.08219178	0.02564103	0.09756098
## 5	0.00000000	0.13513514	0.00000000	0.07594937	0.01333333	0.01219512
## 6	0.00000000	0.12820513	0.00000000	0.05882353	0.02564103	0.05063291
## 7	0.00000000	0.07792208	0.00000000	0.06097561	0.06578947	0.20253165
## 8	0.00000000	0.06944444	0.00000000	0.01250000	0.01298701	0.15853659
## 9	0.03174603	0.02898551	0.00000000	0.00000000	0.06250000	0.17333333
## 10	0.05357143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 12	0.00000000	0.26153846	0.00000000	0.04477612	0.08641975	0.11904762
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.11111111	0.00000000	0.08196721	0.07142857	0.03174603
## 15	0.06849315	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.04615385	0.01234568	0.01388889	0.01388889	0.03750000
## 17	0.00000000	0.16393443	0.00000000	0.01449275	0.10000000	0.08974359
## 18	0.00000000	0.05479452	0.00000000	0.00000000	0.18461538	0.04000000
## 19	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.19178082	0.00000000	0.01538462	0.08450704	0.17142857
## 22	0.00000000	0.05633803	0.00000000	0.03703704	0.01515152	0.02631579
## 23	0.00000000	0.07500000	0.00000000	0.05194805	0.02985075	0.08450704

## 24	0.00000000	0.05000000	0.00000000	0.02816901	0.00000000	0.03529412
## 25	0.00000000	0.02666667	0.00000000	0.00000000	0.02777778	0.03750000
## 26	0.00000000	0.02777778	0.00000000	0.01612903	0.00000000	0.01388889
## 27	0.00000000	0.07812500	0.00000000	0.03278689	0.06349206	0.06849315
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 29	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.02702703
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01428571	0.00000000	0.01724138	0.00000000	0.00000000
## 33	0.00000000	0.01333333	0.00000000	0.05405405	0.02469136	0.00000000
## 34	0.00000000	0.08620690	0.00000000	0.01408451	0.07575758	0.04285714
## 35	0.00000000	0.07462687	0.00000000	0.01470588	0.04347826	0.05882353
## 36	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01470588	0.13513514	0.00000000	0.04109589	0.03614458	0.11392405
## 39	0.00000000	0.10526316	0.00000000	0.09459459	0.01538462	0.08955224
## 40	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 41	0.00000000	0.25714286	0.00000000	0.12676056	0.01538462	0.02631579
## 42	0.00000000	0.17105263	0.00000000	0.13235294	0.01333333	0.03797468
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01666667	0.00000000	0.04615385	0.00000000	0.00000000
## 45	0.00000000	0.08333333	0.00000000	0.02941176	0.05000000	0.08823529
## 46	0.00000000	0.08064516	0.00000000	0.10937500	0.03125000	0.09230769
## 47	0.00000000	0.04615385	0.00000000	0.01724138	0.00000000	0.16216216
## 48	0.00000000	0.03947368	0.00000000	0.00000000	0.04761905	0.15584416
## 49	0.00000000	0.11666667	0.00000000	0.05714286	0.02777778	0.02597403
## 50	0.01666667	0.07142857	0.00000000	0.02816901	0.11538462	0.13888889
## 51	0.01449275	0.10447761	0.00000000	0.07462687	0.01515152	0.06451613
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.07812500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.08955224	0.00000000	0.12500000	0.05357143	0.18750000
## 55	0.00000000	0.00000000	0.00000000	0.01587302	0.03125000	0.00000000
## 56	0.00000000	0.19444444	0.00000000	0.01612903	0.14285714	0.13888889
## 57	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01515152	0.00000000	0.00000000	0.04347826	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901	0.01315789
## 60	0.00000000	0.01666667	0.00000000	0.16666667	0.07575758	0.02857143
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	949	950	951	952	953	954
## 1	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.03571429	0.00000000	0.07042254	0.00000000	0.00000000
## 3	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.10144928	0.00000000	0.09722222	0.00000000	0.00000000
## 5	0.00000000	0.03947368	0.00000000	0.11111111	0.00000000	0.00000000
## 6	0.00000000	0.03076923	0.00000000	0.05970149	0.00000000	0.00000000
## 7	0.00000000	0.10975610	0.00000000	0.06410256	0.00000000	0.00000000
## 8	0.00000000	0.09523810	0.00000000	0.07894737	0.00000000	0.00000000
## 9	0.00000000	0.25352113	0.01694915	0.05172414	0.00000000	0.00000000
## 10	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.01428571
## 12	0.00000000	0.05633803	0.00000000	0.11111111	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.10937500	0.00000000	0.08000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000

## 16	0.00000000	0.01298701	0.00000000	0.01449275	0.00000000	0.00000000
## 17	0.00000000	0.05000000	0.00000000	0.06578947	0.00000000	0.00000000
## 18	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 20	0.01612903	0.01449275	0.01538462	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.08196721	0.00000000	0.14062500	0.00000000	0.00000000
## 22	0.00000000	0.02564103	0.00000000	0.01388889	0.00000000	0.00000000
## 23	0.00000000	0.08108108	0.00000000	0.04347826	0.00000000	0.00000000
## 24	0.00000000	0.01818182	0.00000000	0.05714286	0.00000000	0.00000000
## 25	0.00000000	0.06666667	0.00000000	0.03947368	0.00000000	0.00000000
## 26	0.00000000	0.01470588	0.00000000	0.01470588	0.00000000	0.00000000
## 27	0.00000000	0.21052632	0.00000000	0.03225806	0.00000000	0.00000000
## 28	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.04938272	0.00000000	0.00000000
## 34	0.00000000	0.01562500	0.00000000	0.03389831	0.00000000	0.00000000
## 35	0.00000000	0.16363636	0.01587302	0.07142857	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.13253012	0.00000000	0.11904762	0.00000000	0.00000000
## 39	0.01515152	0.02941176	0.00000000	0.10000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.04347826	0.00000000	0.16666667	0.00000000	0.00000000
## 42	0.00000000	0.01470588	0.00000000	0.11594203	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 45	0.00000000	0.01369863	0.00000000	0.01388889	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000
## 47	0.00000000	0.05769231	0.00000000	0.07575758	0.00000000	0.00000000
## 48	0.00000000	0.06153846	0.00000000	0.07462687	0.00000000	0.00000000
## 49	0.00000000	0.05882353	0.00000000	0.03174603	0.00000000	0.00000000
## 50	0.00000000	0.01351351	0.00000000	0.07317073	0.00000000	0.00000000
## 51	0.00000000	0.11111111	0.00000000	0.13636364	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.02666667	0.01428571	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.10344828	0.00000000	0.16923077	0.00000000	0.00000000
## 55	0.00000000	0.04347826	0.00000000	0.06349206	0.00000000	0.00000000
## 56	0.00000000	0.08219178	0.00000000	0.12328767	0.00000000	0.00000000
## 57	0.01492537	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.01562500	0.00000000	0.05172414	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	955	956	957	958	959	960
## 1	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 2	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.01538462	0.00000000	0.01369863	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.01204819	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000



## 8	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02380952	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.07317073	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 14	0.03947368	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.02564103	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.03703704	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 17	0.04411765	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 18	0.13043478	0.00000000	0.01562500	0.01470588	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.02941176
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.02409639	0.05479452
## 21	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 27	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.02500000	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 30	0.00000000	0.07692308	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 33	0.09722222	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.07812500	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.06329114	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.01176471	0.00000000	0.00000000
## 41	0.03846154	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.07352941	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 44	0.01282051	0.00000000	0.00000000	0.04166667	0.00000000	0.00000000
## 45	0.06153846	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.06329114	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.03614458	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.03030303	0.01298701	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01612903	0.02985075	0.01515152	0.03030303
## 56	0.09459459	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 57	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.02500000	0.02777778	0.01612903	0.00000000	0.00000000	0.00000000
## 60	0.11290323	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.04225352	0.00000000	0.00000000	0.00000000

##	961	962	963	964	965	966
## 1	0.00000000	0.00000000	0.00000000	0.03773585	0.00000000	0.00000000
## 2	0.00000000	0.08219178	0.04761905	0.10606061	0.01666667	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.01449275	0.01351351	0.18571429	0.02702703	0.00000000
## 5	0.00000000	0.06329114	0.04347826	0.04225352	0.02816901	0.01136363
## 6	0.00000000	0.05633803	0.04166667	0.11594203	0.05263158	0.00000000
## 7	0.00000000	0.04597701	0.03703704	0.11538462	0.02941176	0.00000000
## 8	0.00000000	0.19736842	0.05194805	0.06944444	0.04109589	0.024096386
## 9	0.00000000	0.10810811	0.07462687	0.11290323	0.09230769	0.050632911
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.04477612	0.01250000	0.07142857	0.00000000	0.00000000
## 12	0.00000000	0.03750000	0.01265823	0.02857143	0.01369863	0.03125000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.05882353	0.01515152	0.09375000	0.02000000	0.026315789
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01282051	0.01639344	0.00000000	0.00000000	0.010638298
## 17	0.00000000	0.05555556	0.01587302	0.06779661	0.01515152	0.012048193
## 18	0.00000000	0.06153846	0.00000000	0.07936508	0.00000000	0.053333333
## 19	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.024691358
## 20	0.03750000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 21	0.00000000	0.09589041	0.03333333	0.20689655	0.03030303	0.00000000
## 22	0.00000000	0.02941176	0.01515152	0.04615385	0.00000000	0.013157895
## 23	0.00000000	0.07894737	0.02597403	0.12857143	0.03125000	0.00000000
## 24	0.00000000	0.01587302	0.01470588	0.03076923	0.03636364	0.00000000
## 25	0.00000000	0.02702703	0.01428571	0.02777778	0.02941176	0.010638298
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.013333333
## 27	0.00000000	0.00000000	0.10447761	0.08064516	0.06122449	0.030769231
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.02702703	0.00000000	0.01639344	0.00000000	0.025316456
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01250000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.012987013
## 33	0.00000000	0.07142857	0.01250000	0.03174603	0.00000000	0.011235955
## 34	0.00000000	0.04347826	0.01369863	0.08196721	0.00000000	0.026666667
## 35	0.01388889	0.14285714	0.08510638	0.19298246	0.12244898	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.09210526	0.02439024	0.10526316	0.01333333	0.034482759
## 39	0.00000000	0.12162162	0.00000000	0.13235294	0.04166667	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.11538462	0.02777778	0.15873016	0.01470588	0.025974026
## 42	0.00000000	0.08333333	0.01515152	0.16129032	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.09459459	0.05263158	0.12307692	0.03278689	0.037974684
## 46	0.00000000	0.07462687	0.02985075	0.05000000	0.00000000	0.027397260
## 47	0.00000000	0.10294118	0.03278689	0.00000000	0.00000000	0.01250000
## 48	0.00000000	0.19178082	0.01694915	0.08196721	0.01369863	0.013157895
## 49	0.00000000	0.02739726	0.04687500	0.01612903	0.00000000	0.041095890
## 50	0.00000000	0.04166667	0.03703704	0.07352941	0.05405405	0.011764706
## 51	0.00000000	0.10447761	0.02777778	0.27868852	0.05263158	0.012048193
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01428571	0.04109589	0.00000000	0.00000000	0.044943820

## 54	0.00000000	0.05970149	0.05479452	0.08064516	0.01694915	0.027777778
## 55	0.04054054	0.01538462	0.00000000	0.02857143	0.01612903	0.000000000
## 56	0.01219512	0.09459459	0.01639344	0.22413793	0.02898551	0.024390244
## 57	0.01388889	0.01333333	0.00000000	0.00000000	0.00000000	0.012048193
## 58	0.00000000	0.01470588	0.00000000	0.00000000	0.01818182	0.027777778
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.012048193
## 60	0.00000000	0.01369863	0.00000000	0.05357143	0.00000000	0.013333333
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
##	967	968	969	970	971	972
## 1	0.03333333	0.00000000	0.00000000	0.01639344	0.00000000	0.02469136
## 2	0.04411765	0.00000000	0.00000000	0.08108108	0.05000000	0.06097561
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 4	0.02857143	0.00000000	0.00000000	0.05405405	0.03076923	0.02702703
## 5	0.03896104	0.00000000	0.00000000	0.03225806	0.04687500	0.06756757
## 6	0.01428571	0.00000000	0.00000000	0.06666667	0.08333333	0.05555556
## 7	0.00000000	0.00000000	0.00000000	0.15384615	0.12162162	0.01204819
## 8	0.06578947	0.00000000	0.00000000	0.20289855	0.10810811	0.01219512
## 9	0.00000000	0.00000000	0.00000000	0.10769231	0.08219178	0.01176471
## 10	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.000000000
## 11	0.01449275	0.00000000	0.00000000	0.03278689	0.05263158	0.03947368
## 12	0.04109589	0.00000000	0.00000000	0.06666667	0.06756757	0.10989011
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.000000000
## 14	0.03278689	0.00000000	0.00000000	0.05769231	0.01785714	0.02985075
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646	0.000000000
## 16	0.03508772	0.00000000	0.00000000	0.00000000	0.00000000	0.05063291
## 17	0.05882353	0.00000000	0.00000000	0.05000000	0.03125000	0.08571429
## 18	0.04761905	0.00000000	0.00000000	0.01754386	0.04109589	0.03947368
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 20	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000	0.000000000
## 21	0.01666667	0.00000000	0.00000000	0.10526316	0.18571429	0.06451613
## 22	0.08333333	0.00000000	0.00000000	0.01612903	0.06557377	0.22535211
## 23	0.01694915	0.00000000	0.00000000	0.03030303	0.12500000	0.11538462
## 24	0.03278689	0.00000000	0.00000000	0.01612903	0.01562500	0.04761905
## 25	0.00000000	0.00000000	0.00000000	0.07692308	0.04615385	0.02898551
## 26	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.01470588
## 27	0.01612903	0.00000000	0.00000000	0.08163265	0.09433962	0.01492537
## 28	0.00000000	0.00000000	0.01204819	0.00000000	0.00000000	0.000000000
## 29	0.00000000	0.00000000	0.00000000	0.07272727	0.01724138	0.000000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603	0.000000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 33	0.02702703	0.00000000	0.00000000	0.00000000	0.05405405	0.10126582
## 34	0.03030303	0.00000000	0.00000000	0.04838710	0.06250000	0.06666667
## 35	0.08163265	0.00000000	0.00000000	0.05172414	0.03333333	0.04347826
## 36	0.00000000	0.01219512	0.11111111	0.00000000	0.00000000	0.000000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 38	0.02816901	0.00000000	0.00000000	0.09210526	0.11111111	0.13157895
## 39	0.07462687	0.00000000	0.00000000	0.06557377	0.05454545	0.03896104
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 41	0.08064516	0.00000000	0.00000000	0.07352941	0.17741935	0.13924051
## 42	0.09333333	0.00000000	0.00000000	0.00000000	0.07692308	0.12500000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.000000000
## 45	0.07246377	0.00000000	0.00000000	0.01639344	0.08955224	0.18918919

## 46	0.02985075	0.00000000	0.00000000	0.03174603	0.04687500	0.14285714
## 47	0.07142857	0.00000000	0.00000000	0.05084746	0.06896552	0.03389831
## 48	0.06349206	0.00000000	0.00000000	0.09803922	0.24615385	0.05797101
## 49	0.01724138	0.00000000	0.00000000	0.06153846	0.01639344	0.07936508
## 50	0.01562500	0.00000000	0.00000000	0.04347826	0.05882353	0.08860759
## 51	0.06557377	0.00000000	0.00000000	0.01785714	0.10909091	0.06944444
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.10909091	0.08196721	0.09230769
## 55	0.01785714	0.00000000	0.00000000	0.01694915	0.03571429	0.00000000
## 56	0.10769231	0.00000000	0.00000000	0.12903226	0.11475410	0.22727273
## 57	0.00000000	0.01149425	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01639344	0.00000000	0.00000000	0.00000000	0.06349206	0.00000000
## 59	0.01515152	0.00000000	0.00000000	0.01515152	0.02777778	0.00000000
## 60	0.07017544	0.00000000	0.00000000	0.01724138	0.01639344	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	973	974	975	976	977	978
## 1	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.01492537
## 2	0.00000000	0.03333333	0.02597403	0.00000000	0.00000000	0.06779661
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.13513514	0.01538462	0.00000000	0.00000000	0.01694915
## 5	0.00000000	0.18571429	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.12500000	0.00000000	0.00000000	0.00000000	0.08196721
## 7	0.01408451	0.13580247	0.02666667	0.01282051	0.00000000	0.06493506
## 8	0.00000000	0.12000000	0.02702703	0.01587302	0.00000000	0.03703704
## 9	0.00000000	0.11764706	0.03076923	0.00000000	0.00000000	0.09677419
## 10	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.05333333	0.00000000	0.03278689	0.00000000	0.09259259
## 12	0.00000000	0.20512821	0.00000000	0.00000000	0.00000000	0.01250000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.15254237	0.01724138	0.01785714	0.00000000	0.01851852
## 15	0.01298701	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 16	0.01515152	0.16438356	0.03225806	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.24637681	0.01492537	0.00000000	0.00000000	0.01515152
## 18	0.00000000	0.09090909	0.00000000	0.00000000	0.00000000	0.01587302
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 20	0.05479452	0.00000000	0.03125000	0.01639344	0.00000000	0.00000000
## 21	0.01587302	0.16417910	0.08064516	0.01785714	0.00000000	0.08955224
## 22	0.00000000	0.08108108	0.00000000	0.00000000	0.00000000	0.02739726
## 23	0.00000000	0.22388060	0.01298701	0.00000000	0.00000000	0.02816901
## 24	0.00000000	0.04545455	0.00000000	0.01639344	0.00000000	0.01449275
## 25	0.00000000	0.02857143	0.01315789	0.00000000	0.00000000	0.01351351
## 26	0.00000000	0.03076923	0.08333333	0.00000000	0.00000000	0.03225806
## 27	0.03225806	0.05172414	0.06451613	0.01694915	0.00000000	0.08333333
## 28	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.04687500
## 29	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.07352941	0.00000000	0.00000000	0.00000000	0.02857143
## 34	0.00000000	0.05000000	0.01886792	0.00000000	0.00000000	0.01562500
## 35	0.03030303	0.18571429	0.01886792	0.00000000	0.00000000	0.03703704
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 38	0.00000000	0.15384615	0.00000000	0.00000000	0.00000000	0.01298701
## 39	0.00000000	0.26153846	0.07142857	0.00000000	0.00000000	0.01470588
## 40	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.25757576	0.02985075	0.00000000	0.00000000	0.06060606
## 42	0.00000000	0.16216216	0.01562500	0.01785714	0.00000000	0.03333333
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 44	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.27118644	0.00000000	0.00000000	0.00000000	0.01388889
## 46	0.00000000	0.11290323	0.00000000	0.00000000	0.00000000	0.03448276
## 47	0.00000000	0.08620690	0.00000000	0.00000000	0.00000000	0.01449275
## 48	0.00000000	0.03508772	0.03448276	0.00000000	0.00000000	0.07017544
## 49	0.00000000	0.11475410	0.00000000	0.00000000	0.00000000	0.01538462
## 50	0.00000000	0.16666667	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.09836066	0.03278689	0.00000000	0.00000000	0.03508772
## 52	0.00000000	0.00000000	0.03076923	0.00000000	0.01538462	0.00000000
## 53	0.01449275	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.14285714	0.01538462	0.00000000	0.00000000	0.05172414
## 55	0.03125000	0.00000000	0.07547170	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.38983051	0.01754386	0.00000000	0.00000000	0.03225806
## 57	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000	0.01562500
## 59	0.00000000	0.01785714	0.01562500	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.01923077	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000
##	979	980	981	982	983	984
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 3	0.00000000	0.01428571	0.02985075	0.00000000	0.01754386	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.11267606
## 5	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000	0.08695652
## 6	0.00000000	0.00000000	0.00000000	0.04838710	0.00000000	0.09523810
## 7	0.00000000	0.00000000	0.00000000	0.06944444	0.00000000	0.09333333
## 8	0.00000000	0.00000000	0.00000000	0.05714286	0.00000000	0.05333333
## 9	0.00000000	0.00000000	0.00000000	0.04761905	0.00000000	0.13235294
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 11	0.00000000	0.00000000	0.00000000	0.07352941	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.14062500	0.00000000	0.06250000
## 13	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.09615385	0.00000000	0.03703704
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 17	0.00000000	0.00000000	0.00000000	0.06060606	0.00000000	0.08333333
## 18	0.00000000	0.00000000	0.00000000	0.13559322	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01666667	0.00000000	0.02816901	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.02857143
## 21	0.00000000	0.00000000	0.00000000	0.05172414	0.00000000	0.06666667
## 22	0.00000000	0.00000000	0.00000000	0.11320755	0.00000000	0.01470588
## 23	0.00000000	0.00000000	0.00000000	0.11290323	0.00000000	0.02941176
## 24	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.04615385
## 25	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000	0.01639344
## 26	0.00000000	0.01923077	0.00000000	0.00000000	0.00000000	0.01408451
## 27	0.00000000	0.00000000	0.00000000	0.05660377	0.00000000	0.05555556
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.01639344

## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 33	0.00000000	0.00000000	0.00000000	0.26153846	0.00000000	0.03896104
## 34	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.04477612
## 35	0.00000000	0.02083333	0.00000000	0.08771930	0.00000000	0.03278689
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01351351	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.09375000	0.00000000	0.08771930
## 39	0.00000000	0.00000000	0.00000000	0.05454545	0.00000000	0.06153846
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.06122449	0.00000000	0.06557377
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606
## 43	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.09722222	0.00000000	0.04109589
## 46	0.00000000	0.01639344	0.00000000	0.12500000	0.00000000	0.05454545
## 47	0.00000000	0.00000000	0.00000000	0.15000000	0.00000000	0.01754386
## 48	0.00000000	0.00000000	0.00000000	0.09259259	0.00000000	0.04347826
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06451613
## 50	0.00000000	0.00000000	0.00000000	0.08064516	0.00000000	0.01428571
## 51	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000	0.03030303
## 52	0.00000000	0.02857143	0.01851852	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 54	0.00000000	0.00000000	0.00000000	0.08196721	0.00000000	0.09677419
## 55	0.00000000	0.05660377	0.00000000	0.00000000	0.00000000	0.03125000
## 56	0.00000000	0.01754386	0.00000000	0.19672131	0.00000000	0.05357143
## 57	0.02597403	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01724138	0.00000000	0.01818182	0.01818182
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.01724138
## 60	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.03125000
## 61	0.00000000	0.11111111	0.00000000	0.00000000	0.00000000	0.00000000
##	985	986	987	988	989	990
## 1	0.00000000	0.00000000	0.01351351	0.00000000	0.01612903	0.00000000
## 2	0.01408451	0.03703704	0.01538462	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000
## 4	0.01351351	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.01298701	0.01587302	0.03846154	0.00000000	0.00000000	0.00000000
## 6	0.02666667	0.03125000	0.03896104	0.00000000	0.00000000	0.00000000
## 7	0.04651163	0.11111111	0.09876543	0.02380952	0.00000000	0.00000000
## 8	0.05194805	0.19718310	0.07894737	0.00000000	0.00000000	0.00000000
## 9	0.05555556	0.10769231	0.09836066	0.03076923	0.00000000	0.00000000
## 10	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.05714286	0.01315789	0.00000000	0.00000000	0.00000000
## 12	0.02631579	0.06849315	0.09210526	0.01298701	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.01388889
## 14	0.03278689	0.13461538	0.03174603	0.00000000	0.00000000	0.00000000
## 15	0.02380952	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000
## 16	0.02857143	0.04761905	0.04000000	0.00000000	0.00000000	0.00000000
## 17	0.04109589	0.08064516	0.02857143	0.01470588	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.04347826	0.00000000	0.00000000	0.00000000
## 19	0.02777778	0.00000000	0.01333333	0.00000000	0.01515152	0.00000000
## 20	0.03225806	0.00000000	0.00000000	0.05063291	0.00000000	0.01298701
## 21	0.02941176	0.04545455	0.04166667	0.01515152	0.00000000	0.00000000

## 22	0.00000000	0.01449275	0.03333333	0.00000000	0.00000000	0.00000000
## 23	0.02857143	0.07575758	0.04166667	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.02941176	0.01282051	0.03614458	0.00000000	0.00000000	0.00000000
## 26	0.01428571	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 27	0.09677419	0.06896552	0.08064516	0.01538462	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01694915	0.03076923	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01449275	0.04838710	0.02702703	0.00000000	0.00000000	0.00000000
## 34	0.01449275	0.00000000	0.01388889	0.01428571	0.00000000	0.00000000
## 35	0.04545455	0.07843137	0.03571429	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 38	0.05000000	0.09589041	0.03260870	0.00000000	0.00000000	0.00000000
## 39	0.04225352	0.04687500	0.07246377	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.04054054	0.00000000	0.01408451	0.00000000
## 41	0.02777778	0.06666667	0.01470588	0.00000000	0.00000000	0.00000000
## 42	0.01369863	0.03225806	0.04109589	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.01098901
## 44	0.00000000	0.00000000	0.01515152	0.01562500	0.00000000	0.00000000
## 45	0.01315789	0.03125000	0.03125000	0.00000000	0.00000000	0.00000000
## 46	0.02857143	0.03636364	0.05882353	0.01515152	0.00000000	0.00000000
## 47	0.00000000	0.06818182	0.08474576	0.01492537	0.00000000	0.00000000
## 48	0.03076923	0.16393443	0.01666667	0.00000000	0.00000000	0.00000000
## 49	0.01449275	0.11111111	0.05405405	0.00000000	0.00000000	0.00000000
## 50	0.02777778	0.05555556	0.01282051	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.06666667	0.05555556	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 53	0.04477612	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
## 54	0.02985075	0.03333333	0.04838710	0.01315789	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01470588	0.03225806	0.00000000	0.00000000
## 56	0.02702703	0.13333333	0.08000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.06349206	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.01470588
## 59	0.01333333	0.01515152	0.01562500	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579	0.01176471
##	991	992	993	994	995	996
## 1	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 2	0.04225352	0.00000000	0.03508772	0.02898551	0.03030303	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 4	0.02739726	0.01538462	0.07692308	0.00000000	0.01369863	0.00000000
## 5	0.01470588	0.00000000	0.12987013	0.02985075	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.11764706	0.01351351	0.00000000	0.00000000
## 7	0.04000000	0.00000000	0.06944444	0.02469136	0.00000000	0.00000000
## 8	0.01428571	0.00000000	0.08571429	0.00000000	0.00000000	0.00000000
## 9	0.10769231	0.00000000	0.07812500	0.00000000	0.00000000	0.00000000
## 10	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.02857143	0.05063291	0.00000000	0.00000000	0.00000000
## 12	0.01351351	0.00000000	0.12500000	0.01315789	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 14	0.01562500	0.00000000	0.09677419	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.02777778	0.06666667	0.01666667	0.00000000
## 17	0.01492537	0.01470588	0.08571429	0.02941176	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.10447761	0.01449275	0.00000000	0.00000000
## 19	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01388889	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 21	0.07462687	0.00000000	0.08571429	0.04109589	0.01587302	0.00000000
## 22	0.00000000	0.01612903	0.11111111	0.00000000	0.00000000	0.00000000
## 23	0.04166667	0.00000000	0.16393443	0.01234568	0.00000000	0.00000000
## 24	0.01538462	0.00000000	0.06849315	0.00000000	0.00000000	0.00000000
## 25	0.04285714	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.01428571	0.06060606	0.00000000	0.00000000
## 27	0.06557377	0.00000000	0.05454545	0.01388889	0.01470588	0.00000000
## 28	0.01282051	0.00000000	0.00000000	0.04477612	0.01388889	0.00000000
## 29	0.00000000	0.00000000	0.01449275	0.01562500	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 33	0.00000000	0.00000000	0.03947368	0.00000000	0.00000000	0.00000000
## 34	0.01851852	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000
## 35	0.04615385	0.02000000	0.15000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02597403	0.00000000	0.16455696	0.04109589	0.00000000	0.00000000
## 39	0.01587302	0.00000000	0.23880597	0.01492537	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 41	0.04477612	0.01515152	0.05882353	0.05797101	0.00000000	0.00000000
## 42	0.02739726	0.00000000	0.02739726	0.04545455	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01408451	0.00000000	0.09722222	0.04347826	0.00000000	0.00000000
## 46	0.01724138	0.01470588	0.11475410	0.00000000	0.00000000	0.00000000
## 47	0.03508772	0.00000000	0.05633803	0.00000000	0.00000000	0.00000000
## 48	0.04687500	0.00000000	0.15254237	0.01369863	0.01587302	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 50	0.01333333	0.00000000	0.09677419	0.01492537	0.00000000	0.00000000
## 51	0.03030303	0.00000000	0.10447761	0.02777778	0.01785714	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 54	0.03278689	0.00000000	0.04545455	0.03333333	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.03174603	0.02702703	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.31343284	0.01587302	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 58	0.01639344	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 59	0.01369863	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.03030303	0.01492537	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	997	998	999	1000	1001	1002
## 1	0.00000000	0.01562500	0.01250000	0.01470588	0.00000000	0.00000000
## 2	0.00000000	0.04918033	0.05063291	0.03174603	0.01408451	0.00000000
## 3	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.05952381	0.00000000	0.01639344	0.00000000
## 5	0.00000000	0.01449275	0.04166667	0.00000000	0.00000000	0.00000000



## 6	0.00000000	0.01538462	0.05405405	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.02597403	0.11842105	0.00000000	0.01428571	0.00000000
## 8	0.00000000	0.05172414	0.12820513	0.00000000	0.01492537	0.00000000
## 9	0.00000000	0.07142857	0.12857143	0.00000000	0.01562500	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.01449275
## 12	0.00000000	0.02941176	0.06024096	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.04000000	0.01666667	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.02777778	0.03076923	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.03389831	0.04761905	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01492537	0.00000000	0.02631579	0.00000000	0.00000000
## 21	0.00000000	0.05714286	0.06451613	0.02000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.01492537	0.00000000	0.01515152	0.00000000
## 23	0.00000000	0.00000000	0.08108108	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.03030303	0.02816901	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.03225806	0.05000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.06382979	0.10294118	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.01470588	0.01515152	0.00000000
## 29	0.00000000	0.03076923	0.01639344	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 32	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.08219178	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.04761905	0.04687500	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.02739726	0.05319149	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.02985075	0.05882353	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.05555556	0.06944444	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.06493506	0.02816901	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01538462	0.04477612	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.05263158	0.01785714	0.00000000	0.00000000
## 47	0.00000000	0.01818182	0.08450704	0.00000000	0.01515152	0.00000000
## 48	0.00000000	0.05714286	0.19672131	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.03076923	0.05882353	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.04687500	0.05000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.01639344	0.06756757	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.05172414	0.19642857	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.03508772	0.00000000	0.01960784	0.00000000	0.00000000
## 56	0.00000000	0.02857143	0.10126582	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 58	0.00000000	0.04838710	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01449275	0.02777778	0.00000000	0.00000000	0.00000000

## 60	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
##	1003	1004	1005	1006	1007	1008
## 1	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.01538462
## 2	0.00000000	0.00000000	0.01265823	0.03389831	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 6	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.03529412
## 8	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.01612903	0.01369863	0.00000000	0.00000000	0.03225806
## 11	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000	0.01351351
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.05172414	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.04109589	0.00000000	0.03030303
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 18	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000	0.01449275
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.03389831	0.01515152	0.02666667
## 22	0.00000000	0.00000000	0.00000000	0.02173913	0.01492537	0.03225806
## 23	0.00000000	0.00000000	0.00000000	0.04615385	0.00000000	0.04285714
## 24	0.00000000	0.00000000	0.01408451	0.01492537	0.00000000	0.01639344
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 26	0.00000000	0.00000000	0.00000000	0.12068966	0.00000000	0.05000000
## 27	0.00000000	0.00000000	0.00000000	0.03773585	0.00000000	0.01470588
## 28	0.01315789	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.02739726	0.00000000	0.01587302	0.13235294
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 31	0.00000000	0.00000000	0.02469136	0.00000000	0.00000000	0.00000000
## 32	0.02040816	0.00000000	0.01315789	0.00000000	0.00000000	0.01724138
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 34	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.08474576
## 35	0.00000000	0.00000000	0.00000000	0.01612903	0.01818182	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000	0.01282051
## 39	0.00000000	0.00000000	0.01265823	0.06250000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 41	0.00000000	0.00000000	0.01351351	0.03636364	0.00000000	0.06557377
## 42	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.02040816	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000	0.04225352
## 46	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603
## 48	0.00000000	0.00000000	0.00000000	0.07142857	0.01515152	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05797101
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10256410
## 51	0.00000000	0.00000000	0.00000000	0.12500000	0.00000000	0.00000000

## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01333333	0.00000000	0.02816901	0.00000000	0.01562500	0.01219512
## 54	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.04761905
## 55	0.00000000	0.00000000	0.00000000	0.15094340	0.03076923	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 57	0.00000000	0.01587302	0.00000000	0.00000000	0.04477612	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01851852	0.00000000	0.01612903
## 61	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
##	1009	1010	1011	1012	1013	1014
## 1	0.00000000	0.01492537	0.03225806	0.00000000	0.03636364	0.00000000
## 2	0.00000000	0.00000000	0.16417910	0.01694915	0.02702703	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.03750000	0.00000000	0.03703704	0.00000000
## 5	0.00000000	0.00000000	0.12903226	0.05405405	0.05194805	0.00000000
## 6	0.01470588	0.00000000	0.11290323	0.05263158	0.02469136	0.00000000
## 7	0.02409639	0.00000000	0.15853659	0.07894737	0.02666667	0.00000000
## 8	0.02597403	0.01388889	0.21052632	0.13253012	0.02702703	0.00000000
## 9	0.00000000	0.00000000	0.14516129	0.09090909	0.02941176	0.00000000
## 10	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01333333	0.06451613	0.02469136	0.00000000
## 12	0.00000000	0.00000000	0.09523810	0.01282051	0.12987013	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 14	0.00000000	0.00000000	0.05882353	0.03636364	0.05333333	0.00000000
## 15	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.02941176	0.05128205	0.03389831	0.00000000
## 17	0.01388889	0.00000000	0.09090909	0.03030303	0.04285714	0.00000000
## 18	0.00000000	0.00000000	0.03658537	0.03846154	0.07812500	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.27777778	0.11764706	0.05000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.04054054	0.00000000
## 23	0.00000000	0.00000000	0.05714286	0.03947368	0.10526316	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.01369863	0.02777778	0.00000000
## 25	0.00000000	0.00000000	0.03750000	0.09523810	0.01515152	0.00000000
## 26	0.00000000	0.00000000	0.01388889	0.00000000	0.03030303	0.00000000
## 27	0.00000000	0.00000000	0.07352941	0.12500000	0.01694915	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 29	0.02702703	0.01408451	0.03125000	0.01333333	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01515152	0.01369863	0.02666667	0.00000000	0.00000000	0.00000000
## 32	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.01408451	0.00000000	0.16438356	0.00000000
## 34	0.00000000	0.00000000	0.06666667	0.00000000	0.04761905	0.00000000
## 35	0.00000000	0.00000000	0.07142857	0.03174603	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 38	0.00000000	0.00000000	0.08641975	0.08974359	0.02666667	0.00000000
## 39	0.01538462	0.00000000	0.10144928	0.07936508	0.08571429	0.00000000
## 40	0.01369863	0.01351351	0.01219512	0.00000000	0.01428571	0.00000000
## 41	0.00000000	0.00000000	0.15492958	0.06060606	0.12000000	0.00000000
## 42	0.01428571	0.00000000	0.19736842	0.02666667	0.07246377	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 44	0.10937500	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.12121212	0.04347826	0.09230769	0.00000000
## 46	0.00000000	0.00000000	0.03125000	0.01694915	0.06349206	0.00000000
## 47	0.01470588	0.00000000	0.00000000	0.01694915	0.04477612	0.00000000
## 48	0.00000000	0.00000000	0.25862069	0.10937500	0.03333333	0.00000000
## 49	0.00000000	0.00000000	0.07142857	0.09859155	0.04347826	0.00000000
## 50	0.00000000	0.00000000	0.03030303	0.08000000	0.04411765	0.00000000
## 51	0.00000000	0.00000000	0.02564103	0.01666667	0.04411765	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 54	0.01754386	0.00000000	0.08333333	0.11475410	0.07142857	0.00000000
## 55	0.00000000	0.00000000	0.01724138	0.02985075	0.01587302	0.00000000
## 56	0.00000000	0.00000000	0.03389831	0.10294118	0.12857143	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 59	0.01470588	0.00000000	0.07462687	0.01449275	0.01515152	0.00000000
## 60	0.00000000	0.00000000	0.03636364	0.01369863	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1015	1016	1017	1018	1019	1020
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.02564103	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803	0.00000000
## 5	0.00000000	0.04109589	0.00000000	0.00000000	0.01515152	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.08000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.05194805	0.01754386	0.00000000	0.01492537	0.00000000
## 12	0.00000000	0.02380952	0.00000000	0.00000000	0.06578947	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.10714286	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01470588	0.00000000	0.00000000	0.01470588	0.00000000
## 17	0.00000000	0.03896104	0.00000000	0.00000000	0.01666667	0.00000000
## 18	0.00000000	0.07936508	0.00000000	0.00000000	0.04477612	0.00000000
## 19	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 20	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.09230769	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.05063291	0.00000000	0.00000000	0.07462687	0.00000000
## 24	0.00000000	0.01408451	0.00000000	0.01470588	0.03278689	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.04166667	0.03174603	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.05454545	0.00000000
## 28	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.02816901	0.00000000	0.00000000	0.01515152	0.00000000
## 34	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.01538462	0.00000000	0.01428571	0.01538462	0.00000000

## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.06756757	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.09230769	0.00000000
## 40	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.07246377	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.04166667	0.00000000	0.00000000	0.03389831	0.00000000
## 46	0.00000000	0.03703704	0.01515152	0.01666667	0.05882353	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.06153846	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.05454545	0.00000000
## 49	0.00000000	0.01388889	0.00000000	0.00000000	0.01666667	0.00000000
## 50	0.00000000	0.04225352	0.00000000	0.00000000	0.02898551	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.04918033	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.08108108	0.01639344	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000	0.00000000
## 55	0.00000000	0.01470588	0.00000000	0.01408451	0.04545455	0.00000000
## 56	0.00000000	0.01388889	0.00000000	0.01587302	0.06060606	0.00000000
## 57	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01587302	0.06000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.10000000	0.00000000	0.00000000
##	1021	1022	1023	1024	1025	1026
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.03846154	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000
## 4	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.05747126	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.08571429	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.05084746	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 14	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 20	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.07042254	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.06000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 28	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000
## 33	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02469136	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000	0.00000000
## 41	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.04838710	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.05454545	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.07042254	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.05970149	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000
## 50	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.01562500	0.01149425	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 54	0.07936508	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689
## 58	0.00000000	0.00000000	0.01449275	0.01639344	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 60	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000	0.00000000
##	1027	1028	1029	1030	1031	1032
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176
## 3	0.01234568	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.05633803
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09230769
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09722222
## 8	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.18032787
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.26470588
## 10	0.00000000	0.03508772	0.00000000	0.00000000	0.00000000	0.01639344
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06153846
## 13	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05769231
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01204819	0.00000000	0.00000000	0.00000000	0.00000000	0.04918033
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06779661
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000
## 19	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344

## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10169492
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04918033
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.01724138
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06250000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333
## 28	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.01587302
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02083333
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 32	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02127660
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.12068966
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07462687
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.14814815
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 43	0.01470588	0.00000000	0.00000000	0.00000000	0.09589041	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03773585
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08695652
## 49	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.11666667
## 50	0.00000000	0.00000000	0.00000000	0.01492537	0.01298701	0.07142857
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09523810
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806
## 54	0.00000000	0.00000000	0.00000000	0.02173913	0.00000000	0.10769231
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.18032787
## 57	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01886792	0.00000000	0.02985075
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.11267606	0.00000000
##	1033	1034	1035	1036	1037	1038
## 1	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.07575758	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.04000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000
## 10	0.04166667	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.08928571	0.01388889	0.01234568	0.00000000

## 12	0.00000000	0.00000000	0.09333333	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.03529412	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 17	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 19	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 20	0.00000000	0.01515152	0.00000000	0.01234568	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.01204819	0.01123596	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823
## 41	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.01492537	0.00000000	0.01470588	0.00000000
## 47	0.00000000	0.00000000	0.01351351	0.00000000	0.03333333	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.09722222	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01587302	0.01562500	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.05882353	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1039	1040	1041	1042	1043	1044
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000



## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03614458
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.01219512	0.00000000	0.02857143	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 18	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.01492537
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06153846
## 22	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.02739726
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10144928
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 28	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.05263158	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 35	0.00000000	0.00000000	0.01923077	0.00000000	0.00000000	0.01562500
## 36	0.00000000	0.01428571	0.00000000	0.00000000	0.01333333	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03797468
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385
## 42	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.02531646
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.12121212
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 51	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.10447761
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.02777778
## 57	0.00000000	0.01408451	0.00000000	0.01587302	0.00000000	0.00000000

## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.11764706
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 60	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.03076923
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04347826
##	1045	1046	1047	1048	1049	1050
## 1	0.00000000	0.01470588	0.00000000	0.04347826	0.01298701	0.00000000
## 2	0.01449275	0.00000000	0.00000000	0.01408451	0.00000000	0.01315789
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.02531646	0.04225352	0.00000000	0.02985075	0.00000000	0.00000000
## 5	0.00000000	0.06944444	0.01333333	0.02666667	0.00000000	0.00000000
## 6	0.02352941	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.05000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.01234568	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000
## 9	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.03947368	0.00000000	0.02531646	0.00000000
## 12	0.04494382	0.01265823	0.00000000	0.03896104	0.01149425	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.02857143	0.00000000	0.00000000	0.04411765	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.02439024	0.03896104	0.01282051	0.01298701	0.06756757	0.00000000
## 17	0.01351351	0.00000000	0.01492537	0.01515152	0.00000000	0.00000000
## 18	0.00000000	0.05128205	0.00000000	0.01538462	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.03296703	0.00000000	0.00000000	0.00000000	0.00000000	0.01219512
## 21	0.05970149	0.01449275	0.00000000	0.02666667	0.00000000	0.01562500
## 22	0.01538462	0.00000000	0.02409639	0.03076923	0.00000000	0.00000000
## 23	0.07462687	0.03278689	0.00000000	0.01265823	0.00000000	0.00000000
## 24	0.02298851	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000
## 25	0.00000000	0.05970149	0.00000000	0.01219512	0.00000000	0.00000000
## 26	0.04000000	0.06451613	0.00000000	0.03125000	0.00000000	0.00000000
## 27	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.09333333
## 29	0.00000000	0.11940299	0.00000000	0.00000000	0.01351351	0.01408451
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.02531646	0.00000000	0.00000000	0.01428571	0.01333333	0.00000000
## 34	0.02739726	0.05454545	0.01428571	0.00000000	0.00000000	0.00000000
## 35	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01351351	0.01162791	0.00000000	0.01219512	0.00000000	0.00000000
## 39	0.07042254	0.03225806	0.00000000	0.02816901	0.00000000	0.00000000
## 40	0.00000000	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.03030303	0.04615385	0.00000000	0.04000000	0.00000000	0.00000000
## 42	0.01449275	0.01492537	0.02631579	0.05263158	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.03125000	0.00000000	0.01408451	0.00000000	0.00000000
## 45	0.02702703	0.04918033	0.00000000	0.00000000	0.01388889	0.00000000
## 46	0.08571429	0.00000000	0.02777778	0.06666667	0.02898551	0.00000000
## 47	0.02816901	0.04477612	0.01666667	0.01470588	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.01162791	0.06349206	0.01449275	0.00000000	0.00000000	0.00000000

## 50	0.02666667	0.08450704	0.00000000	0.02739726	0.00000000	0.00000000
## 51	0.05633803	0.03508772	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.01333333	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.06896552	0.00000000	0.04285714	0.00000000	0.00000000
## 55	0.06060606	0.00000000	0.00000000	0.03125000	0.00000000	0.01408451
## 56	0.08823529	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01492537	0.01587302	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01333333	0.01492537	0.00000000	0.00000000
## 60	0.04225352	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1051	1052	1053	1054	1055	1056
## 1	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
## 2	0.00000000	0.01219512	0.03125000	0.01388889	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 4	0.00000000	0.00000000	0.00000000	0.03896104	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.03614458	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.05479452	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.02531646	0.08536585	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.01666667	0.08974359	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.17333333	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.01219512	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01492537	0.04411765	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.05747126	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 15	0.00000000	0.03947368	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.02777778	0.02439024	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.01818182	0.04545455	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.01724138	0.02857143	0.00000000	0.00000000
## 19	0.00000000	0.02777778	0.00000000	0.00000000	0.03448276	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000
## 21	0.00000000	0.01408451	0.01724138	0.06666667	0.00000000	0.00000000
## 22	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.08235294	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.03278689	0.03636364	0.03448276	0.00000000
## 28	0.00000000	0.00000000	0.06250000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01282051	0.06493506	0.00000000	0.00000000	0.02816901	0.00000000
## 32	0.00000000	0.01428571	0.00000000	0.00000000	0.01754386	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 34	0.00000000	0.01492537	0.01724138	0.01298701	0.00000000	0.00000000
## 35	0.00000000	0.01639344	0.00000000	0.07936508	0.01694915	0.00000000
## 36	0.09859155	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.07042254	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.01250000	0.00000000	0.02666667	0.00000000	0.00000000

## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.04109589	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.01724138	0.04347826	0.00000000	0.00000000
## 48	0.00000000	0.01492537	0.01470588	0.04109589	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.07042254	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.02409639	0.00000000	0.00000000
## 51	0.00000000	0.01515152	0.00000000	0.01408451	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 53	0.00000000	0.01333333	0.00000000	0.04109589	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
##	1057	1058	1059	1060	1061	1062
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.02898551	0.00000000	0.01449275	0.00000000	0.00000000	0.03225806
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.02564103	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.03614458	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 20	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.01408451
## 21	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.04109589	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01149425	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 34	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.01724138	0.00000000	0.01587302	0.02777778	0.00000000
## 37	0.00000000	0.01470588	0.01250000	0.00000000	0.00000000	0.00000000
## 38	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.05479452	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176
## 44	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.01449275
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.15584416	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 53	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 58	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1063	1064	1065	1066	1067	1068
## 1	0.02666667	0.04054054	0.03571429	0.01515152	0.00000000	0.00000000
## 2	0.00000000	0.02739726	0.00000000	0.01388889	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.01515152
## 5	0.00000000	0.02597403	0.00000000	0.00000000	0.01408451	0.01538462
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.01190476	0.00000000	0.01449275	0.00000000	0.01408451
## 8	0.00000000	0.01265823	0.00000000	0.01250000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 12	0.00000000	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01562500	0.00000000	0.01694915	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01351351	0.01315789	0.00000000	0.00000000	0.04166667	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07352941
## 21	0.00000000	0.01754386	0.00000000	0.02702703	0.00000000	0.01639344
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344

## 26	0.00000000	0.01333333	0.01694915	0.00000000	0.00000000	0.02000000
## 27	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.05555556
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01492537	0.00000000	0.01538462	0.00000000	0.01923077
## 33	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915
## 37	0.02352941	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.02702703	0.00000000	0.01408451	0.00000000	0.00000000
## 40	0.00000000	0.01369863	0.03333333	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.01333333	0.00000000	0.01538462	0.00000000	0.00000000
## 42	0.00000000	0.01351351	0.00000000	0.02985075	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01351351	0.02898551	0.28571429	0.03571429	0.00000000	0.00000000
## 45	0.01369863	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 46	0.00000000	0.02739726	0.01492537	0.01515152	0.00000000	0.02000000
## 47	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.01333333	0.01515152	0.00000000	0.00000000	0.01587302
## 51	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.04878049	0.00000000	0.01666667	0.00000000	0.00000000
## 60	0.00000000	0.02898551	0.00000000	0.03278689	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1069	1070	1071	1072	1073	1074
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 5	0.00000000	0.00000000	0.02666667	0.01428571	0.00000000	0.01369863
## 6	0.00000000	0.00000000	0.01587302	0.05882353	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.01265823	0.01250000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000	0.04225352
## 9	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.01298701
## 10	0.01428571	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 11	0.02666667	0.00000000	0.06153846	0.05555556	0.00000000	0.02777778
## 12	0.00000000	0.00000000	0.01298701	0.01515152	0.01333333	0.01162791
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05263158
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.01298701
## 17	0.00000000	0.00000000	0.00000000	0.05970149	0.01408451	0.00000000

## 18	0.00000000	0.00000000	0.04615385	0.03076923	0.00000000	0.01639344
## 19	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.01724138
## 22	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.01515152	0.01587302	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01492537	0.01449275	0.01612903	0.05263158
## 28	0.00000000	0.00000000	0.03846154	0.02985075	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 33	0.00000000	0.00000000	0.01470588	0.01538462	0.00000000	0.01234568
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 35	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.05714286
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 38	0.01234568	0.00000000	0.01388889	0.05952381	0.00000000	0.02380952
## 39	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.03076923	0.02941176	0.00000000	0.02941176
## 42	0.00000000	0.00000000	0.01428571	0.02631579	0.00000000	0.01369863
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 45	0.00000000	0.00000000	0.02857143	0.03076923	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.01492537	0.04109589	0.01351351	0.01639344
## 47	0.00000000	0.00000000	0.00000000	0.01754386	0.01470588	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.01428571	0.04819277	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.01492537	0.01333333	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.02739726	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 54	0.01428571	0.00000000	0.00000000	0.01612903	0.01515152	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.04347826
## 57	0.01449275	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01639344	0.01587302	0.00000000	0.01408451
## 60	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.01666667
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1075	1076	1077	1078	1079	1080
## 1	0.00000000	0.00000000	0.00000000	0.03703704	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.01449275	0.01369863	0.06666667
## 3	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.08219178
## 5	0.00000000	0.00000000	0.00000000	0.04225352	0.00000000	0.01612903
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06849315
## 7	0.00000000	0.00000000	0.00000000	0.01204819	0.01190476	0.16304348
## 8	0.00000000	0.00000000	0.00000000	0.02816901	0.00000000	0.07594937
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07246377

## 10	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 12	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.06410256
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.03703704	0.00000000	0.07575758
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000	0.01298701
## 17	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.09722222
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.02631579	0.00000000	0.01234568	0.01250000
## 21	0.00000000	0.00000000	0.00000000	0.03030303	0.01449275	0.06349206
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.05263158
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.04938272
## 26	0.00000000	0.00000000	0.01851852	0.03076923	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08571429
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.02666667
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01724138	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.04347826
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01219512	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.08450704
## 39	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.05263158
## 40	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.02857143
## 42	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.07936508	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.01408451
## 46	0.00000000	0.01470588	0.00000000	0.04347826	0.00000000	0.04166667
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.12857143
## 49	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.05128205
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02352941
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 52	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000	0.07042254
## 55	0.00000000	0.00000000	0.00000000	0.01639344	0.01492537	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04225352
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01515152	0.02531646	0.00000000
## 60	0.00000000	0.00000000	0.01562500	0.01694915	0.00000000	0.01538462
## 61	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
##	1081	1082	1083	1084	1085	1086
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000



## 2	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403
## 3	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01052632
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02247191
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.08571429	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02380952
## 13	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 15	0.05882353	0.00000000	0.00000000	0.00000000	0.00000000	0.01176471
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.04054054	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 31	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 36	0.00000000	0.00000000	0.00000000	0.01886792	0.00000000	0.00000000
## 37	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.05000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.14102564

## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 57	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1087	1088	1089	1090	1091	1092
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.09523810	0.00000000	0.00000000	0.04347826
## 3	0.04000000	0.09230769	0.00000000	0.01428571	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04054054
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02439024
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05194805
## 7	0.00000000	0.00000000	0.08974359	0.00000000	0.00000000	0.07228916
## 8	0.00000000	0.00000000	0.08333333	0.00000000	0.00000000	0.03703704
## 9	0.00000000	0.00000000	0.09523810	0.00000000	0.00000000	0.06250000
## 10	0.00000000	0.00000000	0.01818182	0.00000000	0.01428571	0.01470588
## 11	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.01351351
## 12	0.00000000	0.00000000	0.04411765	0.00000000	0.00000000	0.06097561
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.03773585	0.00000000	0.00000000	0.02898551
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01111111	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 18	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000	0.01282051
## 19	0.01428571	0.00000000	0.01754386	0.03076923	0.01428571	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000	0.07575758
## 22	0.00000000	0.00000000	0.03571429	0.00000000	0.00000000	0.01369863
## 23	0.00000000	0.00000000	0.05084746	0.00000000	0.00000000	0.01351351
## 24	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.07352941	0.00000000	0.00000000	0.01333333
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806
## 27	0.00000000	0.00000000	0.12000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.04225352
## 30	0.00000000	0.00000000	0.01886792	0.00000000	0.01515152	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01666667	0.01470588	0.01538462
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 34	0.00000000	0.00000000	0.04838710	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.06000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000
## 39	0.00000000	0.00000000	0.09523810	0.00000000	0.00000000	0.06666667
## 40	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.01234568
## 41	0.00000000	0.00000000	0.07936508	0.00000000	0.00000000	0.05555556
## 42	0.00000000	0.00000000	0.05970149	0.00000000	0.00000000	0.05063291
## 43	0.01428571	0.05479452	0.00000000	0.01587302	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.05454545	0.00000000	0.00000000	0.02816901
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.09090909

## 48	0.00000000	0.00000000	0.14925373	0.00000000	0.00000000	0.01724138
## 49	0.00000000	0.00000000	0.05172414	0.00000000	0.00000000	0.12500000
## 50	0.00000000	0.00000000	0.04615385	0.00000000	0.01204819	0.04225352
## 51	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000	0.05333333
## 52	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01470588	0.00000000	0.01639344	0.03896104
## 54	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.04411765
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.05633803
## 57	0.00000000	0.00000000	0.01851852	0.00000000	0.02857143	0.00000000
## 58	0.00000000	0.01369863	0.01960784	0.01818182	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.02040816	0.00000000	0.00000000	0.00000000
## 61	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1093	1094	1095	1096	1097	1098
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.03896104	0.05000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01639344	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.01694915
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.03030303
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.02409639	0.01492537
## 8	0.01250000	0.00000000	0.00000000	0.00000000	0.01298701	0.07462687
## 9	0.00000000	0.00000000	0.00000000	0.01515152	0.06250000	0.07575758
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589	0.01562500
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.01639344	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 14	0.01785714	0.00000000	0.00000000	0.00000000	0.01612903	0.05172414
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.04878049	0.03947368
## 16	0.07894737	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 17	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 18	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.05333333	0.05172414
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.05714286	0.00000000	0.00000000	0.00000000	0.02702703	0.01694915
## 22	0.01587302	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 23	0.05128205	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.01333333	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 26	0.09230769	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.01587302	0.00000000	0.00000000	0.00000000	0.06896552	0.10714286
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01282051	0.02941176	0.00000000
## 32	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.03278689	0.00000000	0.00000000	0.00000000	0.06756757	0.09836066
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01666667	0.01369863	0.00000000	0.00000000
## 38	0.04225352	0.00000000	0.00000000	0.00000000	0.03750000	0.04615385
## 39	0.06060606	0.00000000	0.00000000	0.00000000	0.01492537	0.01639344

## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.03174603	0.00000000	0.00000000	0.00000000	0.01388889	0.01298701
## 43	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.05714286	0.12727273
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 51	0.02816901	0.00000000	0.00000000	0.00000000	0.06557377	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01515152	0.00000000	0.00000000	0.08695652	0.05797101
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.04225352	0.00000000	0.00000000	0.01612903	0.00000000	0.01449275
## 56	0.02985075	0.00000000	0.00000000	0.00000000	0.01351351	0.01587302
## 57	0.00000000	0.00000000	0.03448276	0.01408451	0.01315789	0.01515152
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 59	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000
## 60	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1099	1100	1101	1102	1103	1104
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.04054054	0.00000000	0.05333333	0.01470588	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.03947368	0.00000000	0.02941176	0.01612903	0.00000000
## 5	0.00000000	0.01408451	0.00000000	0.03389831	0.00000000	0.00000000
## 6	0.00000000	0.01562500	0.00000000	0.02941176	0.01612903	0.00000000
## 7	0.00000000	0.01219512	0.00000000	0.01333333	0.00000000	0.00000000
## 8	0.00000000	0.06493506	0.00000000	0.02702703	0.00000000	0.00000000
## 9	0.00000000	0.11111111	0.00000000	0.01818182	0.01408451	0.00000000
## 10	0.00000000	0.01587302	0.00000000	0.00000000	0.01492537	0.00000000
## 11	0.00000000	0.01333333	0.00000000	0.02777778	0.00000000	0.00000000
## 12	0.00000000	0.01123596	0.00000000	0.03896104	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01886792	0.00000000	0.09433962	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01562500	0.00000000	0.01470588	0.00000000	0.00000000
## 17	0.00000000	0.05333333	0.00000000	0.03174603	0.01428571	0.00000000
## 18	0.00000000	0.05633803	0.00000000	0.03921569	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.05882353	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 21	0.00000000	0.09375000	0.00000000	0.03571429	0.00000000	0.00000000
## 22	0.00000000	0.01470588	0.00000000	0.03076923	0.00000000	0.00000000
## 23	0.00000000	0.01333333	0.00000000	0.10294118	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.02739726	0.00000000	0.01265823	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.14705882	0.00000000	0.03174603	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01562500	0.00000000	0.01754386	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 32	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.06666667	0.00000000	0.00000000
## 34	0.00000000	0.04347826	0.00000000	0.01492537	0.00000000	0.00000000
## 35	0.00000000	0.08620690	0.00000000	0.03921569	0.01785714	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.09090909	0.00000000	0.08695652	0.00000000	0.00000000
## 39	0.00000000	0.02985075	0.00000000	0.04411765	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.06060606	0.00000000	0.07575758	0.01612903	0.00000000
## 42	0.00000000	0.02941176	0.00000000	0.04054054	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.02666667	0.00000000	0.06451613	0.00000000	0.00000000
## 46	0.00000000	0.01369863	0.00000000	0.07843137	0.00000000	0.00000000
## 47	0.00000000	0.03076923	0.00000000	0.03333333	0.00000000	0.00000000
## 48	0.00000000	0.05714286	0.00000000	0.01492537	0.00000000	0.00000000
## 49	0.00000000	0.01492537	0.00000000	0.00000000	0.01612903	0.00000000
## 50	0.00000000	0.05000000	0.00000000	0.05970149	0.00000000	0.00000000
## 51	0.00000000	0.05797101	0.00000000	0.01562500	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01515152	0.00000000	0.00000000	0.01408451	0.00000000
## 54	0.00000000	0.01538462	0.00000000	0.06666667	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 56	0.00000000	0.07575758	0.00000000	0.11666667	0.00000000	0.00000000
## 57	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.03174603	0.00000000	0.01612903	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1105	1106	1107	1108	1109	1110
## 1	0.00000000	0.01388889	0.00000000	0.01562500	0.00000000	0.00000000
## 2	0.00000000	0.03636364	0.00000000	0.04615385	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.04918033	0.00000000	0.08196721	0.00000000	0.00000000
## 5	0.00000000	0.14285714	0.00000000	0.11111111	0.00000000	0.00000000
## 6	0.00000000	0.08571429	0.00000000	0.03076923	0.00000000	0.00000000
## 7	0.00000000	0.03896104	0.00000000	0.04054054	0.00000000	0.00000000
## 8	0.00000000	0.05633803	0.00000000	0.02941176	0.00000000	0.00000000
## 9	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.01369863
## 10	0.01492537	0.00000000	0.01923077	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.02777778	0.00000000	0.04411765	0.00000000	0.00000000
## 12	0.00000000	0.09375000	0.00000000	0.09090909	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.03448276	0.00000000	0.17857143	0.00000000	0.00000000
## 15	0.01298701	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 16	0.00000000	0.02857143	0.00000000	0.01562500	0.01234568	0.00000000
## 17	0.00000000	0.10000000	0.00000000	0.09677419	0.00000000	0.00000000
## 18	0.00000000	0.06060606	0.00000000	0.03571429	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403
## 21	0.00000000	0.07407407	0.00000000	0.09836066	0.00000000	0.00000000
## 22	0.00000000	0.14035088	0.00000000	0.09722222	0.00000000	0.00000000
## 23	0.00000000	0.14102564	0.00000000	0.23076923	0.00000000	0.00000000

## 24	0.00000000	0.07894737	0.00000000	0.05797101	0.00000000	0.00000000
## 25	0.00000000	0.03076923	0.00000000	0.02777778	0.00000000	0.00000000
## 26	0.00000000	0.01587302	0.00000000	0.03125000	0.00000000	0.00000000
## 27	0.00000000	0.08064516	0.00000000	0.04687500	0.00000000	0.00000000
## 28	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.07042254	0.00000000	0.00000000
## 34	0.00000000	0.07692308	0.00000000	0.01612903	0.00000000	0.00000000
## 35	0.00000000	0.11111111	0.00000000	0.15151515	0.00000000	0.01538462
## 36	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 37	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.09589041	0.00000000	0.12500000	0.00000000	0.00000000
## 39	0.00000000	0.19718310	0.00000000	0.17647059	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.14754098	0.00000000	0.14925373	0.00000000	0.00000000
## 42	0.01639344	0.13333333	0.00000000	0.12121212	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.12307692	0.00000000	0.11940299	0.00000000	0.00000000
## 46	0.00000000	0.07142857	0.00000000	0.13636364	0.00000000	0.01612903
## 47	0.00000000	0.05357143	0.00000000	0.11864407	0.00000000	0.00000000
## 48	0.00000000	0.08196721	0.00000000	0.11666667	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 50	0.00000000	0.06060606	0.00000000	0.08750000	0.00000000	0.00000000
## 51	0.00000000	0.17105263	0.00000000	0.15254237	0.00000000	0.00000000
## 52	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.07812500	0.00000000	0.10169492	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.02631579
## 56	0.00000000	0.19298246	0.00000000	0.22807018	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.02985075	0.00000000	0.01562500	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01639344	0.00000000	0.01515152	0.00000000	0.00000000
## 60	0.00000000	0.06557377	0.00000000	0.02816901	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1111	1112	1113	1114	1115	1116
## 1	0.00000000	0.00000000	0.10169492	0.03030303	0.01960784	0.00000000
## 2	0.00000000	0.04761905	0.02941176	0.07142857	0.05882353	0.00000000
## 3	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.05555556	0.02857143	0.12121212	0.04477612	0.00000000
## 5	0.00000000	0.04347826	0.00000000	0.02941176	0.00000000	0.00000000
## 6	0.00000000	0.10294118	0.05084746	0.02702703	0.02702703	0.00000000
## 7	0.00000000	0.01492537	0.12658228	0.16867470	0.07500000	0.00000000
## 8	0.00000000	0.04545455	0.06250000	0.20000000	0.07792208	0.00000000
## 9	0.00000000	0.02941176	0.07017544	0.26470588	0.02531646	0.00000000
## 10	0.01754386	0.00000000	0.01639344	0.01449275	0.00000000	0.00000000
## 11	0.00000000	0.01562500	0.00000000	0.01587302	0.01388889	0.00000000
## 12	0.00000000	0.13513514	0.02941176	0.08641975	0.00000000	0.00000000
## 13	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01666667	0.01612903	0.10000000	0.01562500	0.05172414	0.00000000
## 15	0.01250000	0.01265823	0.01428571	0.01265823	0.00000000	0.01351351

## 16	0.00000000	0.03333333	0.00000000	0.02666667	0.03278689	0.00000000
## 17	0.00000000	0.06250000	0.02898551	0.05333333	0.07500000	0.00000000
## 18	0.00000000	0.05454545	0.01562500	0.01515152	0.02941176	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.17187500	0.03225806	0.17460317	0.04615385	0.00000000
## 22	0.00000000	0.12500000	0.04838710	0.01408451	0.01492537	0.00000000
## 23	0.00000000	0.12903226	0.00000000	0.04000000	0.07462687	0.00000000
## 24	0.00000000	0.05714286	0.00000000	0.00000000	0.02941176	0.00000000
## 25	0.00000000	0.03571429	0.03896104	0.04054054	0.05797101	0.00000000
## 26	0.00000000	0.01612903	0.01612903	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.03448276	0.11475410	0.11864407	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000	0.02439024
## 29	0.00000000	0.00000000	0.01639344	0.03389831	0.01449275	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.02941176	0.02739726	0.01818182	0.01408451	0.04285714	0.00000000
## 32	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01562500	0.01538462	0.02666667	0.04761905	0.00000000
## 34	0.00000000	0.06060606	0.01754386	0.04615385	0.01612903	0.00000000
## 35	0.00000000	0.09677419	0.03921569	0.18965517	0.02898551	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.02777778
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 38	0.00000000	0.11764706	0.04687500	0.07142857	0.00000000	0.00000000
## 39	0.00000000	0.05000000	0.03333333	0.04761905	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 41	0.00000000	0.17391304	0.02941176	0.08823529	0.07246377	0.00000000
## 42	0.00000000	0.15714286	0.00000000	0.06756757	0.05714286	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.12500000	0.01562500	0.05263158	0.01492537	0.00000000
## 46	0.00000000	0.05714286	0.03125000	0.02985075	0.03448276	0.00000000
## 47	0.00000000	0.02941176	0.00000000	0.08823529	0.01724138	0.00000000
## 48	0.00000000	0.21538462	0.05660377	0.11475410	0.03076923	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.05555556	0.03389831	0.00000000
## 50	0.00000000	0.04347826	0.00000000	0.04054054	0.00000000	0.00000000
## 51	0.00000000	0.28571429	0.06451613	0.03174603	0.01492537	0.00000000
## 52	0.00000000	0.01470588	0.01587302	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01428571	0.04000000	0.01282051	0.00000000
## 54	0.00000000	0.05263158	0.03508772	0.19402985	0.06666667	0.00000000
## 55	0.00000000	0.01492537	0.01538462	0.02985075	0.00000000	0.00000000
## 56	0.00000000	0.13846154	0.03076923	0.04761905	0.01724138	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.04687500	0.03508772	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.03448276	0.01851852	0.01694915	0.01587302	0.00000000
## 60	0.00000000	0.03278689	0.07547170	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1117	1118	1119	1120	1121	1122
## 1	0.00000000	0.02816901	0.01612903	0.01562500	0.01428571	0.01562500
## 2	0.01298701	0.07575758	0.04615385	0.05128205	0.01785714	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.07352941	0.01449275	0.03030303	0.00000000	0.00000000
## 5	0.00000000	0.14864865	0.05882353	0.01639344	0.04285714	0.00000000
## 6	0.00000000	0.12500000	0.04411765	0.11290323	0.01250000	0.01562500
## 7	0.00000000	0.03750000	0.01492537	0.06250000	0.05000000	0.01369863

## 8	0.00000000	0.05797101	0.01428571	0.06944444	0.06097561	0.00000000
## 9	0.00000000	0.04687500	0.01492537	0.18840580	0.02985075	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 11	0.00000000	0.08695652	0.01449275	0.00000000	0.04166667	0.00000000
## 12	0.00000000	0.19718310	0.07792208	0.07352941	0.01204819	0.01562500
## 13	0.03225806	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 14	0.00000000	0.10769231	0.06250000	0.02000000	0.01851852	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.02985075	0.01818182	0.06666667	0.01369863	0.00000000
## 17	0.00000000	0.13888889	0.03636364	0.12000000	0.01298701	0.00000000
## 18	0.00000000	0.10937500	0.17647059	0.04285714	0.04347826	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 21	0.00000000	0.19230769	0.09433962	0.09259259	0.09523810	0.01470588
## 22	0.00000000	0.15189873	0.08928571	0.01666667	0.02777778	0.00000000
## 23	0.00000000	0.25714286	0.13636364	0.04225352	0.02898551	0.00000000
## 24	0.00000000	0.05882353	0.03508772	0.01219512	0.01515152	0.00000000
## 25	0.00000000	0.04838710	0.02816901	0.04411765	0.03947368	0.02777778
## 26	0.00000000	0.01587302	0.01562500	0.00000000	0.00000000	0.03333333
## 27	0.00000000	0.06060606	0.01785714	0.25000000	0.03076923	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.03636364	0.01449275	0.03125000	0.01562500	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 32	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.09090909	0.06060606	0.01408451	0.01333333	0.00000000
## 34	0.00000000	0.16363636	0.18965517	0.01408451	0.02739726	0.00000000
## 35	0.00000000	0.18032787	0.02040816	0.10169492	0.01515152	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.12987013	0.07692308	0.04109589	0.01282051	0.00000000
## 39	0.00000000	0.12307692	0.02040816	0.05797101	0.00000000	0.00000000
## 40	0.00000000	0.01388889	0.03125000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.35384615	0.17647059	0.05970149	0.03846154	0.00000000
## 42	0.00000000	0.11594203	0.01538462	0.02941176	0.03030303	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.28571429	0.19696970	0.01639344	0.06756757	0.00000000
## 46	0.00000000	0.09090909	0.03076923	0.00000000	0.00000000	0.01587302
## 47	0.00000000	0.03125000	0.00000000	0.01492537	0.01666667	0.00000000
## 48	0.00000000	0.15094340	0.05357143	0.05797101	0.03030303	0.01923077
## 49	0.00000000	0.02898551	0.07142857	0.04166667	0.01694915	0.00000000
## 50	0.00000000	0.11594203	0.06896552	0.02985075	0.00000000	0.01818182
## 51	0.00000000	0.34285714	0.11111111	0.05357143	0.05000000	0.01538462
## 52	0.01515152	0.00000000	0.00000000	0.01470588	0.00000000	0.01724138
## 53	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 54	0.00000000	0.12698413	0.03448276	0.08571429	0.04838710	0.00000000
## 55	0.00000000	0.04687500	0.00000000	0.03225806	0.00000000	0.02941176
## 56	0.00000000	0.30000000	0.06666667	0.08955224	0.02985075	0.01538462
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.04166667	0.03174603	0.01639344	0.00000000	0.04838710	0.00000000
## 59	0.00000000	0.01538462	0.01562500	0.01492537	0.01282051	0.00000000
## 60	0.00000000	0.03174603	0.01612903	0.01818182	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000



##	1123	1124	1125	1126	1127	1128
## 1	0.00000000	0.01408451	0.00000000	0.01538462	0.00000000	0.00000000
## 2	0.01408451	0.01190476	0.00000000	0.01515152	0.00000000	0.04477612
## 3	0.00000000	0.00000000	0.01538462	0.00000000	0.01470588	0.00000000
## 4	0.01204819	0.01333333	0.00000000	0.02564103	0.00000000	0.01492537
## 5	0.01428571	0.02857143	0.00000000	0.04054054	0.00000000	0.02941176
## 6	0.01515152	0.00000000	0.00000000	0.03947368	0.00000000	0.04411765
## 7	0.01219512	0.00000000	0.00000000	0.11392405	0.00000000	0.00000000
## 8	0.00000000	0.01408451	0.00000000	0.04411765	0.00000000	0.01785714
## 9	0.01282051	0.01265823	0.00000000	0.04225352	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.05333333	0.00000000	0.01612903
## 12	0.00000000	0.00000000	0.00000000	0.08219178	0.01298701	0.02666667
## 13	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01666667	0.01562500	0.00000000	0.06153846	0.01818182	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01333333	0.02272727	0.00000000	0.02985075	0.00000000	0.01515152
## 17	0.02564103	0.01449275	0.00000000	0.06849315	0.00000000	0.01639344
## 18	0.01408451	0.03174603	0.00000000	0.05479452	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.01562500	0.01190476	0.00000000	0.04615385	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000
## 23	0.01369863	0.01250000	0.00000000	0.09459459	0.00000000	0.00000000
## 24	0.01265823	0.01492537	0.00000000	0.01282051	0.00000000	0.02702703
## 25	0.02564103	0.02352941	0.00000000	0.02469136	0.00000000	0.00000000
## 26	0.04225352	0.00000000	0.00000000	0.00000000	0.01538462	0.02898551
## 27	0.01538462	0.01785714	0.00000000	0.05555556	0.00000000	0.01612903
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.09836066
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.05633803	0.00000000	0.00000000
## 34	0.08219178	0.01369863	0.00000000	0.02666667	0.00000000	0.00000000
## 35	0.00000000	0.01515152	0.00000000	0.02702703	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02739726	0.00000000	0.00000000	0.08450704	0.02941176	0.01492537
## 39	0.00000000	0.02985075	0.00000000	0.04347826	0.00000000	0.00000000
## 40	0.00000000	0.01315789	0.01666667	0.00000000	0.00000000	0.00000000
## 41	0.01515152	0.01515152	0.00000000	0.04225352	0.01612903	0.00000000
## 42	0.04225352	0.01265823	0.00000000	0.00000000	0.00000000	0.06153846
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.05333333	0.00000000
## 44	0.00000000	0.14084507	0.00000000	0.01408451	0.00000000	0.00000000
## 45	0.01351351	0.00000000	0.00000000	0.06060606	0.00000000	0.03703704
## 46	0.00000000	0.02631579	0.00000000	0.11428571	0.03076923	0.01666667
## 47	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000	0.06666667
## 48	0.04838710	0.00000000	0.00000000	0.04411765	0.00000000	0.01587302
## 49	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.03278689
## 50	0.03703704	0.02666667	0.00000000	0.04819277	0.00000000	0.05797101
## 51	0.02985075	0.00000000	0.00000000	0.05714286	0.01612903	0.00000000
## 52	0.00000000	0.01351351	0.00000000	0.00000000	0.12676056	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 54	0.01587302	0.01351351	0.00000000	0.05882353	0.00000000	0.01818182
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.03508772	0.00000000
## 56	0.04000000	0.00000000	0.00000000	0.10169492	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000
## 58	0.04838710	0.00000000	0.06666667	0.00000000	0.00000000	0.00000000
## 59	0.08450704	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.08955224	0.00000000	0.00000000	0.04615385	0.00000000	0.01369863
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.11267606	0.00000000
##	1129	1130	1131	1132	1133	1134
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 3	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.06329114	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.08750000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.01149425	0.02247191	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.07058824	0.01234568
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000
## 15	0.00000000	0.00000000	0.05555556	0.01123596	0.00000000	0.00000000
## 16	0.01234568	0.00000000	0.00000000	0.01351351	0.02469136	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.11764706	0.00000000
## 19	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01333333	0.00000000	0.04054054	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000	0.00000000
## 22	0.00000000	0.00000000	0.01612903	0.00000000	0.01333333	0.00000000
## 23	0.00000000	0.00000000	0.01234568	0.00000000	0.07594937	0.00000000
## 24	0.01333333	0.00000000	0.00000000	0.00000000	0.03488372	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 27	0.00000000	0.00000000	0.01851852	0.03389831	0.01666667	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01149425	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01282051	0.00000000	0.01428571	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.01298701
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.07246377	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.08571429	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01149425	0.00000000	0.00000000	0.00000000	0.07407407	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823	0.01351351
## 41	0.00000000	0.00000000	0.01369863	0.00000000	0.08823529	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.09210526	0.00000000
## 43	0.05633803	0.04651163	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.07575758	0.00000000

## 46	0.00000000	0.00000000	0.00000000	0.01388889	0.04166667	0.01388889
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000
## 51	0.00000000	0.00000000	0.01369863	0.00000000	0.12676056	0.01470588
## 52	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.10000000
## 53	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 55	0.01369863	0.01449275	0.00000000	0.01282051	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.09859155	0.00000000
## 57	0.00000000	0.00000000	0.03125000	0.06756757	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.05797101	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.07462687	0.00000000
## 61	0.06849315	0.02173913	0.00000000	0.00000000	0.00000000	0.11392405
##	1135	1136	1137	1138	1139	1140
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01612903	0.00000000	0.00000000	0.04225352	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.01428571
## 4	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.06172840	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.10810811	0.00000000	0.00000000
## 9	0.01639344	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 10	0.00000000	0.07812500	0.01351351	0.00000000	0.00000000	0.01587302
## 11	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.05263158	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.01408451	0.00000000	0.01818182	0.01587302
## 14	0.00000000	0.00000000	0.00000000	0.05084746	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.06451613	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 19	0.00000000	0.04000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.01219512
## 21	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.09836066	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 27	0.00000000	0.03076923	0.00000000	0.08823529	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01219512	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01162791	0.00000000	0.01219512	0.00000000	0.00000000
## 32	0.01515152	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.05333333	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.07017544	0.00000000	0.00000000
## 35	0.00000000	0.01333333	0.00000000	0.13432836	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01754386	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000

## 38	0.00000000	0.01149425	0.00000000	0.05882353	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.08333333	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.05172414	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.01470588	0.01492537	0.00000000	0.00000000	0.01587302	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 46	0.01515152	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.04761905	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.18181818	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.01724138	0.03636364	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000	0.01333333
## 54	0.00000000	0.01538462	0.00000000	0.09090909	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.05000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 57	0.00000000	0.07042254	0.02898551	0.00000000	0.00000000	0.01449275
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01428571	0.00000000	0.00000000	0.02857143	0.01538462	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1141	1142	1143	1144	1145	1146
## 1	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.01587302
## 2	0.00000000	0.00000000	0.00000000	0.01639344	0.05063291	0.04615385
## 3	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.08571429	0.11111111	0.10526316
## 5	0.00000000	0.00000000	0.00000000	0.06250000	0.06666667	0.04477612
## 6	0.00000000	0.00000000	0.00000000	0.14285714	0.07407407	0.02702703
## 7	0.00000000	0.00000000	0.00000000	0.03896104	0.08333333	0.08045977
## 8	0.00000000	0.00000000	0.00000000	0.03797468	0.08750000	0.07246377
## 9	0.00000000	0.00000000	0.00000000	0.02816901	0.07792208	0.04166667
## 10	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.03846154	0.02941176	0.04347826
## 12	0.00000000	0.00000000	0.00000000	0.04054054	0.21518987	0.10666667
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.11864407	0.05084746	0.14084507
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.01428571	0.07500000	0.01408451
## 17	0.00000000	0.00000000	0.00000000	0.02941176	0.15873016	0.04687500
## 18	0.00000000	0.00000000	0.00000000	0.06250000	0.09589041	0.01538462
## 19	0.00000000	0.01282051	0.00000000	0.00000000	0.01333333	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.07017544	0.13043478	0.12903226
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.08536585	0.05333333
## 23	0.00000000	0.00000000	0.00000000	0.14864865	0.09459459	0.16666667
## 24	0.05000000	0.00000000	0.00000000	0.09523810	0.02702703	0.11764706
## 25	0.02777778	0.00000000	0.00000000	0.02666667	0.02439024	0.03947368
## 26	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.01538462
## 27	0.03333333	0.00000000	0.00000000	0.06666667	0.09589041	0.06896552
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000

## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.06666667	0.05128205	0.07352941
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.08000000	0.06578947
## 35	0.00000000	0.00000000	0.00000000	0.09836066	0.08064516	0.11842105
## 36	0.00000000	0.00000000	0.10144928	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.14864865	0.15853659	0.19480519
## 39	0.00000000	0.00000000	0.00000000	0.09836066	0.12987013	0.11290323
## 40	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.07017544	0.13698630	0.04411765
## 42	0.00000000	0.01562500	0.00000000	0.10810811	0.12068966	0.07042254
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.09523810	0.07246377	0.10144928
## 46	0.01515152	0.00000000	0.00000000	0.00000000	0.06349206	0.08955224
## 47	0.00000000	0.00000000	0.00000000	0.04347826	0.03225806	0.13432836
## 48	0.01639344	0.01851852	0.00000000	0.09230769	0.07352941	0.09523810
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.11428571	0.04000000
## 50	0.00000000	0.00000000	0.00000000	0.01351351	0.13333333	0.01428571
## 51	0.00000000	0.00000000	0.00000000	0.12857143	0.10389610	0.04411765
## 52	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.04411765	0.00000000	0.00000000	0.02500000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.05405405	0.06349206	0.10000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.02898551
## 56	0.00000000	0.00000000	0.00000000	0.10169492	0.30864198	0.13043478
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.11111111	0.00000000	0.00000000	0.01282051	0.01515152	0.00000000
## 59	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000	0.01333333
## 60	0.01428571	0.00000000	0.01960784	0.01851852	0.03125000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1147	1148	1149	1150	1151	1152
## 1	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.01298701	0.01666667	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.01369863	0.01754386	0.00000000	0.00000000	0.01449275	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.03571429	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.01333333	0.01449275	0.00000000	0.01449275
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.06944444	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.07352941	0.02816901	0.00000000	0.05333333
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 52	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000	0.10000000
## 53	0.01298701	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01298701	0.01369863	0.00000000	0.01612903
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.01333333	0.01515152	0.00000000	0.00000000	0.02985075	0.00000000
## 58	0.00000000	0.00000000	0.01666667	0.03508772	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.07894737	0.02816901	0.00000000	0.02898551
##	1153	1154	1155	1156	1157	1158
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.04166667	0.00000000	0.08064516
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.01960784	0.01492537	0.00000000	0.00000000	0.00000000
## 11	0.01587302	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 12	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182

## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 16	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.04477612	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 21	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.01298701	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 29	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 34	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.01754386
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 40	0.01234568	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.02941176
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.02531646	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 46	0.03846154	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.01818182	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.03947368	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.02352941	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.04411765	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01587302	0.03174603	0.00000000	0.00000000
## 56	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
##	1159	1160	1161	1162	1163	1164
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.06349206	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000
## 4	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.07594937	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 6	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.03703704	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000
## 8	0.05479452	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.06060606	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.04166667	0.00000000	0.00000000	0.01369863
## 11	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.14285714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.04166667	0.00000000	0.01470588	0.00000000	0.01587302	0.00000000
## 15	0.00000000	0.00000000	0.03896104	0.00000000	0.03797468	0.00000000
## 16	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.07575758	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.08620690	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 22	0.16417910	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.12676056	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.02439024	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.04411765	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.01250000
## 31	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.02985075
## 32	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000
## 33	0.03571429	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.02564103	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.06944444	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.15254237	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.05263158	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.13793103	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.11666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.07936508	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.06250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.08000000	0.00000000	0.01388889	0.04225352
## 54	0.08064516	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.27868852	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.01282051	0.00000000	0.01234568	0.00000000
## 58	0.01470588	0.00000000	0.00000000	0.01818182	0.00000000	0.01492537
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000



## 60	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1165	1166	1167	1168	1169	1170
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.14062500	0.01333333
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000
## 3	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579	0.02777778
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.04411765	0.05714286
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726	0.02816901
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.01136364
## 13	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182	0.01562500
## 15	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08450704
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.05172414
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01315789	0.00000000	0.01388889	0.00000000	0.01250000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.06666667	0.02941176
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000	0.03030303
## 24	0.00000000	0.00000000	0.02941176	0.00000000	0.01492537	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.01351351
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.12500000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000	0.01388889
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01639344	0.00000000	0.01315789	0.01515152	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.01612903
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.03571429
## 36	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 37	0.01515152	0.01449275	0.00000000	0.00000000	0.00000000	0.01612903
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.04347826
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.01562500
## 40	0.00000000	0.00000000	0.02409639	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806	0.01754386
## 42	0.00000000	0.00000000	0.00000000	0.01351351	0.03947368	0.02898551
## 43	0.00000000	0.00000000	0.04347826	0.00000000	0.00000000	0.01449275
## 44	0.00000000	0.01515152	0.00000000	0.00000000	0.03174603	0.02985075
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.01388889
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.04687500
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.01538462
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.01449275
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.02739726
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.01923077	0.02666667

## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603	0.06451613
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.03225806
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176
## 57	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.05263158	0.00000000
## 61	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
##	1171	1172	1173	1174	1175	1176
## 1	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.01428571	0.11111111	0.02739726	0.00000000	0.01315789
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000
## 4	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.03947368	0.01333333	0.01219512	0.00000000	0.00000000
## 7	0.00000000	0.02409639	0.06578947	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.06849315	0.02739726	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.04285714	0.00000000	0.01369863	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.03614458	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01515152	0.01666667	0.01492537	0.00000000	0.00000000
## 15	0.00000000	0.01388889	0.00000000	0.02500000	0.00000000	0.00000000
## 16	0.01234568	0.01219512	0.08219178	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.05479452	0.01388889	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.03389831	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.08000000	0.08474576	0.05714286	0.00000000	0.01470588
## 22	0.00000000	0.01587302	0.00000000	0.01449275	0.00000000	0.00000000
## 23	0.00000000	0.07352941	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.01428571	0.01449275	0.00000000
## 25	0.00000000	0.02352941	0.00000000	0.01219512	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.01538462	0.01562500	0.01612903	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01470588	0.00000000	0.01190476	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.04054054	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.06060606	0.01538462	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.05882353	0.01724138	0.04761905	0.00000000	0.00000000
## 36	0.07575758	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.09756098	0.00000000	0.02777778	0.00000000	0.00000000
## 39	0.00000000	0.05970149	0.06557377	0.00000000	0.00000000	0.01315789
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.09722222	0.04166667	0.02666667	0.00000000	0.00000000
## 42	0.00000000	0.01492537	0.05263158	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01204819	0.00000000

## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.03030303	0.02816901	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.07575758	0.03076923	0.05194805	0.00000000	0.01428571
## 49	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.04000000	0.00000000	0.01333333	0.00000000	0.00000000
## 51	0.00000000	0.05797101	0.07575758	0.01538462	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.03174603	0.03333333	0.01492537	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.02597403	0.00000000	0.01562500	0.02777778	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.01470588
## 59	0.00000000	0.00000000	0.04225352	0.00000000	0.00000000	0.01612903
## 60	0.00000000	0.01515152	0.01562500	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
##	1177	1178	1179	1180	1181	1182
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.02898551	0.01562500	0.03030303
## 3	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05357143
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.04477612
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.12698413
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.05813953
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.10126582	0.11392405
## 9	0.00000000	0.01538462	0.00000000	0.00000000	0.11111111	0.02898551
## 10	0.00000000	0.00000000	0.057142857	0.01562500	0.00000000	0.00000000
## 11	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.04000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.06756757	0.13157895
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.06451613	0.16666667
## 15	0.00000000	0.00000000	0.012195122	0.01298701	0.00000000	0.00000000
## 16	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.04838710
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.06153846
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.07272727
## 19	0.00000000	0.00000000	0.058823529	0.01449275	0.00000000	0.00000000
## 20	0.00000000	0.01176471	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.06779661	0.11864407
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06666667
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.12280702
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.07575758
## 26	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000	0.01538462
## 27	0.00000000	0.00000000	0.027777778	0.01369863	0.09230769	0.09722222
## 28	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.05660377	0.01818182
## 30	0.00000000	0.00000000	0.015151515	0.01515152	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.02500000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.012345679	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.09459459
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714	0.03389831
## 35	0.00000000	0.00000000	0.01562500	0.00000000	0.07407407	0.17857143

## 36	0.01785714	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.009803922	0.00000000	0.04000000	0.09859155
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.07462687	0.13559322
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.04347826	0.16438356
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08196721
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.07352941	0.10344828
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08064516
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08823529
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.12307692	0.07843137
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.05357143	0.03773585
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.04615385
## 51	0.00000000	0.00000000	0.013888889	0.00000000	0.01562500	0.10169492
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.022471910	0.013888889	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.08474576	0.01639344
## 55	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.07812500	0.25000000
## 57	0.00000000	0.00000000	0.012987013	0.07246377	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03773585	0.01538462
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667	0.02816901
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000	0.03225806
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1183	1184	1185	1186	1187	1188
## 1	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.06896552	0.00000000	0.00000000	0.01492537	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.06153846	0.00000000	0.05797101	0.00000000	0.00000000
## 5	0.01492537	0.04687500	0.00000000	0.04225352	0.00000000	0.00000000
## 6	0.00000000	0.03076923	0.00000000	0.02739726	0.00000000	0.00000000
## 7	0.00000000	0.01369863	0.00000000	0.06250000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000	0.00000000
## 9	0.00000000	0.01515152	0.00000000	0.11764706	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.01515152	0.00000000	0.02739726	0.00000000
## 11	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.10294118	0.00000000	0.04597701	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.05769231	0.00000000	0.02816901	0.00000000	0.00000000
## 15	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 16	0.01470588	0.06060606	0.00000000	0.01234568	0.00000000	0.00000000
## 17	0.00000000	0.06060606	0.00000000	0.04477612	0.00000000	0.00000000
## 18	0.00000000	0.06060606	0.00000000	0.01333333	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.02469136	0.00000000	0.00000000	0.02500000	0.01428571	0.00000000
## 21	0.01785714	0.06250000	0.00000000	0.02777778	0.00000000	0.00000000
## 22	0.00000000	0.07812500	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.06944444	0.00000000	0.05063291	0.00000000	0.00000000
## 24	0.00000000	0.05000000	0.00000000	0.01351351	0.00000000	0.00000000
## 25	0.00000000	0.01538462	0.00000000	0.02739726	0.00000000	0.00000000
## 26	0.00000000	0.03846154	0.00000000	0.01639344	0.00000000	0.00000000
## 27	0.00000000	0.03448276	0.00000000	0.14516129	0.00000000	0.00000000

## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01666667	0.00000000	0.06849315	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.04761905	0.00000000	0.02597403	0.00000000	0.00000000
## 34	0.00000000	0.03389831	0.00000000	0.04000000	0.00000000	0.00000000
## 35	0.00000000	0.01612903	0.00000000	0.05714286	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.01470588
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.01492537
## 38	0.00000000	0.05882353	0.00000000	0.04054054	0.00000000	0.00000000
## 39	0.00000000	0.05882353	0.00000000	0.05333333	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.07462687	0.00000000	0.04054054	0.00000000	0.00000000
## 42	0.01538462	0.13043478	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 45	0.00000000	0.08064516	0.00000000	0.02898551	0.00000000	0.00000000
## 46	0.00000000	0.14754098	0.00000000	0.01639344	0.00000000	0.00000000
## 47	0.00000000	0.05084746	0.00000000	0.04838710	0.00000000	0.00000000
## 48	0.01694915	0.01562500	0.00000000	0.04225352	0.00000000	0.00000000
## 49	0.00000000	0.01886792	0.00000000	0.09722222	0.00000000	0.00000000
## 50	0.00000000	0.04761905	0.00000000	0.01298701	0.00000000	0.00000000
## 51	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.05479452	0.00000000	0.00000000
## 54	0.00000000	0.05660377	0.00000000	0.05970149	0.00000000	0.00000000
## 55	0.00000000	0.01449275	0.00000000	0.03125000	0.00000000	0.00000000
## 56	0.00000000	0.13846154	0.00000000	0.06944444	0.00000000	0.00000000
## 57	0.01492537	0.00000000	0.00000000	0.00000000	0.05000000	0.00000000
## 58	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.03389831	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1189	1190	1191	1192	1193	1194
## 1	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.06666667	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.13888889	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.05970149	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.05714286	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.07272727	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 20	0.03125000	0.02941176	0.00000000	0.01369863	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.05454545	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.10169492	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.10169492	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.03636364	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.11428571	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.04166667	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.09230769	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.07936508	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.06557377	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.12500000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.07812500	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.12962963	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.03389831	0.00000000	0.00000000	0.00000000	0.04545455
## 58	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000
## 61	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1195	1196	1197	1198	1199	1200
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.02500000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.01492537	0.01612903	0.00000000	0.00000000	0.00000000
## 11	0.03846153	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

[illegible]

## 4	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 5	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.01408451	0.00000000	0.04109589	0.02816901	0.00000000
## 7	0.00000000	0.00000000	0.01388889	0.05555556	0.09589041	0.00000000
## 8	0.00000000	0.02739726	0.00000000	0.04347826	0.07228916	0.00000000
## 9	0.00000000	0.03333333	0.00000000	0.04477612	0.04761905	0.00000000
## 10	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.02325581	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.01694915
## 15	0.00000000	0.00000000	0.00000000	0.08450704	0.00000000	0.00000000
## 16	0.00000000	0.06153846	0.01612903	0.00000000	0.08219178	0.00000000
## 17	0.00000000	0.10000000	0.00000000	0.00000000	0.04109589	0.00000000
## 18	0.00000000	0.14545455	0.00000000	0.01724138	0.01408451	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.01408451
## 20	0.00000000	0.00000000	0.01388889	0.02816901	0.00000000	0.00000000
## 21	0.00000000	0.03703704	0.01428571	0.07352941	0.12307692	0.00000000
## 22	0.00000000	0.02000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000
## 24	0.00000000	0.00000000	0.02739726	0.01234568	0.00000000	0.00000000
## 25	0.00000000	0.01428571	0.00000000	0.01250000	0.01351351	0.00000000
## 26	0.00000000	0.01538462	0.01515152	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.04545455	0.01562500	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 29	0.01351351	0.04285714	0.01785714	0.00000000	0.00000000	0.00000000
## 30	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 33	0.00000000	0.03225806	0.00000000	0.02777778	0.00000000	0.00000000
## 34	0.00000000	0.09259259	0.00000000	0.03333333	0.03125000	0.00000000
## 35	0.00000000	0.01724138	0.00000000	0.01562500	0.04545455	0.01538462
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.07936508	0.01388889	0.01388889
## 39	0.00000000	0.03333333	0.00000000	0.01587302	0.05952381	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.03389831	0.00000000	0.01470588	0.10810811	0.00000000
## 42	0.00000000	0.04687500	0.01470588	0.01724138	0.08823529	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.08474576	0.00000000	0.03703704	0.03174603	0.00000000
## 46	0.00000000	0.03125000	0.00000000	0.00000000	0.01333333	0.00000000
## 47	0.00000000	0.07142857	0.00000000	0.00000000	0.03225806	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.06060606	0.10666667	0.01612903
## 49	0.00000000	0.04761905	0.00000000	0.01587302	0.05714286	0.01369863
## 50	0.00000000	0.07692308	0.00000000	0.00000000	0.02597403	0.00000000
## 51	0.00000000	0.03571429	0.01666667	0.01724138	0.06153846	0.00000000
## 52	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 53	0.02531646	0.00000000	0.00000000	0.06060606	0.00000000	0.00000000
## 54	0.00000000	0.03846154	0.00000000	0.01818182	0.11290323	0.00000000
## 55	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.06153846	0.00000000	0.01562500	0.03389831	0.00000000
## 57	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000



## 58	0.00000000	0.01923077	0.01449275	0.00000000	0.04477612	0.00000000
## 59	0.00000000	0.03333333	0.00000000	0.01298701	0.01449275	0.00000000
## 60	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.07042254	0.00000000	0.00000000	0.00000000
##	1207	1208	1209	1210	1211	1212
## 1	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000	0.00000000
## 5	0.01250000	0.00000000	0.08450704	0.00000000	0.00000000	0.01234568
## 6	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.05633803	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.01351351
## 9	0.00000000	0.01538462	0.01612903	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000	0.04225352
## 11	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 12	0.03658537	0.00000000	0.12345679	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.02985075	0.00000000	0.02666667	0.00000000	0.02631579
## 16	0.12676056	0.00000000	0.05333333	0.00000000	0.00000000	0.01515152
## 17	0.02739726	0.00000000	0.11475410	0.00000000	0.00000000	0.00000000
## 18	0.05714286	0.00000000	0.06153846	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000	0.02777778
## 20	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.05797101	0.00000000	0.02000000	0.01694915
## 22	0.02816901	0.00000000	0.09589041	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.16883117	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.01176471	0.00000000	0.00000000	0.00000000
## 26	0.03030303	0.00000000	0.04347826	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.01818182	0.00000000	0.01408451	0.01666667	0.00000000
## 28	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.06849315	0.00000000	0.00000000	0.00000000	0.01470588
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.03947368	0.00000000	0.14666667	0.00000000	0.00000000	0.01315789
## 34	0.01538462	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.01754386	0.03225806	0.00000000	0.01666667	0.01369863
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.07246377	0.00000000	0.00000000
## 38	0.01298701	0.00000000	0.10256410	0.00000000	0.00000000	0.01162791
## 39	0.01388889	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.01282051
## 41	0.01449275	0.00000000	0.14492754	0.00000000	0.01724138	0.00000000
## 42	0.01219512	0.00000000	0.13636364	0.00000000	0.00000000	0.01408451
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.07575758	0.00000000	0.16129032	0.00000000	0.00000000	0.00000000
## 46	0.01587302	0.00000000	0.06666667	0.00000000	0.00000000	0.00000000
## 47	0.01785714	0.00000000	0.05263158	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.01612903
## 49	0.00000000	0.00000000	0.06666667	0.00000000	0.00000000	0.00000000

## 50	0.03947368	0.00000000	0.05333333	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.05194805
## 54	0.01470588	0.01562500	0.06060606	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 56	0.00000000	0.00000000	0.18840580	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.01351351	0.00000000	0.01351351	0.02985075	0.01408451
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 60	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1213	1214	1215	1216	1217	1218
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.01190476	0.01369863
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 10	0.00000000	0.01449275	0.00000000	0.04761905	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.01250000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 13	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 20	0.01333333	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01515152	0.00000000	0.01388889	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.02941176	0.00000000	0.01724138	0.00000000	0.00000000	0.01428571
## 37	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.01470588

##	42	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.02666667
##	43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	44	0.00000000	0.02000000	0.00000000	0.00000000	0.00000000	0.01612903
##	45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	46	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.03225806
##	47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
##	48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
##	51	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
##	52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	53	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000
##	54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
##	55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	57	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	59	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.01492537
##	60	0.00000000	0.00000000	0.00000000	0.00000000	0.03896104	0.00000000
##	61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##		1219	1220	1221	1222	1223	1224
##	1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	3	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	10	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
##	11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	18	0.00000000	0.00000000	0.00000000	0.00000000		

## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.02941176	0.01515152	0.03174603
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.05263158	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01960784	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1225	1226	1227	1228	1229	1230
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 2	0.00000000	0.07042254	0.00000000	0.02898551	0.01515152	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.05882353	0.00000000	0.05333333	0.00000000	0.00000000
## 5	0.00000000	0.02941176	0.00000000	0.01351351	0.01282051	0.00000000
## 6	0.00000000	0.01351351	0.00000000	0.05797101	0.02597403	0.00000000
## 7	0.00000000	0.10256410	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.14473684	0.00000000	0.00000000	0.01219512	0.00000000
## 9	0.00000000	0.04285714	0.00000000	0.00000000	0.01515152	0.00000000
## 10	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.01639344
## 11	0.00000000	0.01315789	0.00000000	0.09523810	0.00000000	0.00000000
## 12	0.00000000	0.04938272	0.00000000	0.04938272	0.01315789	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.01298701	0.01449275	0.00000000
## 14	0.00000000	0.03225806	0.00000000	0.03333333	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01428571	0.04054054	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.05633803	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 19	0.00000000	0.01470588	0.01408451	0.00000000	0.00000000	0.01219512
## 20	0.00000000	0.01388889	0.01176471	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.05882353	0.00000000	0.03174603	0.02985075	0.00000000
## 22	0.00000000	0.02816901	0.00000000	0.00000000	0.01470588	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.04285714	0.07462687	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000

## 26	0.00000000	0.01388889	0.00000000	0.01538462	0.00000000	0.00000000
## 27	0.00000000	0.08333333	0.00000000	0.01724138	0.01886792	0.00000000
## 28	0.00000000	0.01492537	0.00000000	0.02409639	0.00000000	0.00000000
## 29	0.00000000	0.02816901	0.00000000	0.01587302	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 31	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000	0.01492537
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303
## 33	0.00000000	0.02666667	0.00000000	0.03846154	0.03030303	0.00000000
## 34	0.00000000	0.04285714	0.00000000	0.00000000	0.01369863	0.00000000
## 35	0.01724138	0.09589041	0.00000000	0.02816901	0.00000000	0.00000000
## 36	0.01612903	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.05000000	0.00000000	0.06578947	0.01265823	0.00000000
## 39	0.00000000	0.08333333	0.01315789	0.04225352	0.01408451	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.09876543	0.00000000	0.04166667	0.02985075	0.00000000
## 42	0.00000000	0.04819277	0.00000000	0.04878049	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.03846154	0.00000000	0.10144928	0.03076923	0.00000000
## 46	0.00000000	0.04545455	0.00000000	0.03636364	0.06349206	0.00000000
## 47	0.00000000	0.06666667	0.00000000	0.01886792	0.01851852	0.00000000
## 48	0.00000000	0.17647059	0.00000000	0.01428571	0.00000000	0.00000000
## 49	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.05479452	0.00000000	0.01250000	0.00000000	0.00000000
## 51	0.00000000	0.04347826	0.00000000	0.01515152	0.01298701	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01449275	0.01250000	0.00000000	0.00000000	0.02816901
## 54	0.00000000	0.05357143	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.01369863	0.02857143	0.00000000	0.01612903	0.07462687	0.00000000
## 56	0.00000000	0.04761905	0.00000000	0.04225352	0.01538462	0.00000000
## 57	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 59	0.01515152	0.02816901	0.00000000	0.02469136	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1231	1232	1233	1234	1235	1236
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000
## 2	0.00000000	0.03030303	0.01515152	0.00000000	0.06349206	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.08955224	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.07936508	0.00000000
## 7	0.00000000	0.01219512	0.00000000	0.00000000	0.13924051	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.13636364	0.00000000
## 9	0.00000000	0.04285714	0.02898551	0.00000000	0.17647059	0.00000000
## 10	0.00000000	0.06349206	0.08333333	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.14285714	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.12000000	0.00000000
## 15	0.00000000	0.03896104	0.00000000	0.00000000	0.01388889	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.06849315	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.15714286	0.00000000

## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.05660377	0.00000000
## 19	0.00000000	0.02816901	0.01388889	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.14062500	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.14084507	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.06849315	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.08974359	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 27	0.00000000	0.03389831	0.00000000	0.00000000	0.17460317	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000
## 30	0.02857143	0.04411765	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01562500	0.03846154	0.01408451	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01408451	0.02702703	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857	0.00000000
## 35	0.00000000	0.03508772	0.00000000	0.00000000	0.14000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000	0.01351351
## 37	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.14666667	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.12857143	0.00000000
## 40	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.12000000	0.00000000
## 42	0.00000000	0.01694915	0.00000000	0.00000000	0.12280702	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.01538462	0.00000000	0.04761905	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.07812500	0.00000000
## 47	0.00000000	0.01408451	0.00000000	0.00000000	0.01562500	0.00000000
## 48	0.00000000	0.01639344	0.00000000	0.00000000	0.09722222	0.00000000
## 49	0.00000000	0.00000000	0.01562500	0.00000000	0.04615385	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.11428571	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.10714286	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.08108108	0.00000000	0.00000000	0.01428571	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.06153846	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.25806452	0.00000000
## 57	0.00000000	0.03030303	0.00000000	0.01538462	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000
## 59	0.00000000	0.00000000	0.01666667	0.00000000	0.03030303	0.00000000
## 60	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1237	1238	1239	1240	1241	1242
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

[illegible]

##	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	7	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
##	8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	14	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
##	15	0.00000000	0.01190476	0.00000000	0.00000000	0.02597403	0.00000000
##	16	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000
##	17	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
##	18	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
##	19	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
##	20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	26	0.00000000	0.00000000	0.00000000	0.07462687	0.00000000	0.00000000
##	27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	28	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000	0.03076923
##	29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	30	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000
##	31	0.00000000	0.01612903	0.00000000	0.00000000	0.02702703	0.00000000
##	32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	36	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.08823529
##	37	0.00000000	0.03125000	0.00000000	0.01428571	0.00000000	0.00000000
##	38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	40	0.00000000	0.00				



## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1249	1250	1251	1252	1253	1254
## 1	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 10	0.00000000	0.01923077	0.00000000	0.01754386	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.03797468	0.00000000	0.00000000
## 16	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01492537	0.04687500	0.00000000	0.01587302	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.01470588	0.00000000	0.01470588	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.05714286	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01724138	0.00000000	0.01515152	0.00000000	0.01298701
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01492537	0.00000000	0.01449275	0.00000000	0.00000000
## 34	0.0000000					

## 48	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.06944444	0.00000000	0.03030303
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1255	1256	1257	1258	1259	1260
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915
## 2	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000	0.06896552
## 3	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.10810811	0.00000000	0.03448276
## 6	0.00000000	0.00000000	0.00000000	0.04411765	0.00000000	0.01639344
## 7	0.00000000	0.00000000	0.00000000	0.03797468	0.00000000	0.10126582
## 8	0.00000000	0.00000000	0.00000000	0.02564103	0.00000000	0.13846154
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.11538462
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589	0.01666667
## 11	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.08000000	0.00000000	0.04347826
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.03921569	0.00000000	0.04687500
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.04225352	0.01639344
## 16	0.00000000	0.00000000	0.00000000	0.04000000	0.00000000	0.04918033
## 17	0.00000000	0.00000000	0.00000000	0.06944444	0.00000000	0.05172414
## 18	0.00000000	0.00000000	0.00000000	0.12280702	0.00000000	0.01666667
## 19	0.00000000	0.01492537	0.00000000	0.00000000	0.03174603	0.01694915
## 20	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.01754386
## 21	0.00000000	0.00000000	0.00000000	0.05660377	0.00000000	0.05357143
## 22	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.05263158
## 23	0.00000000	0.00000000	0.00000000	0.16129032	0.00000000	0.01587302
## 24	0.00000000	0.00000000	0.00000000	0.06060606	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.01470588	0.01449275	0.17647059
## 28	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.03278689
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 32	0.00000000	0.01612903	0.01449275	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.05882353	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05769231
## 35	0.00000000	0.00000000	0.00000000	0.04687500	0.01851852	0.09090909
## 36	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.09722222	0.00000000	0.12500000
## 39	0.00000000	0.00000000	0.00000000	0.07042254	0.00000000	0.01694915

## 40	0.01639344	0.05797101	0.02898551	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.09375000	0.00000000	0.12698413
## 42	0.00000000	0.00000000	0.00000000	0.09459459	0.00000000	0.08823529
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.06250000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000	0.05454545
## 47	0.00000000	0.00000000	0.00000000	0.08928571	0.00000000	0.04444444
## 48	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.11864407
## 49	0.00000000	0.00000000	0.00000000	0.05084746	0.00000000	0.05000000
## 50	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000	0.01724138
## 51	0.00000000	0.00000000	0.00000000	0.06451613	0.00000000	0.04545455
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.10000000	0.00000000	0.05357143
## 55	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.14516129	0.00000000	0.05263158
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.03333333	0.00000000	0.00000000	0.00000000	0.03846154
## 59	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000	0.01562500
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1261	1262	1263	1264	1265	1266
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.03896104	0.00000000
## 2	0.00000000	0.00000000	0.01694915	0.00000000	0.03508772	0.00000000
## 3	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.10769231	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746	0.00000000
## 7	0.00000000	0.00000000	0.01250000	0.00000000	0.01470588	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.04225352	0.00000000
## 9	0.01818182	0.01515152	0.00000000	0.00000000	0.06349206	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 12	0.00000000	0.00000000	0.01315789	0.00000000	0.04838710	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01666667	0.00000000	0.00000000	0.10344828	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.01470588	0.01388889	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.08064516	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.05263158	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01369863	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.12280702	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.09836066	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.12500000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.01562500	0.01538462	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.06896552	0.00000000
## 28	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.12162162	0.00000000
## 35	0.00000000	0.01785714	0.00000000	0.00000000	0.08620690	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.09677419	0.00000000
## 39	0.00000000	0.01538462	0.00000000	0.00000000	0.03278689	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.28358209	0.00000000
## 42	0.00000000	0.00000000	0.01408451	0.00000000	0.14035088	0.00000000
## 43	0.00000000	0.00000000	0.01612903	0.01282051	0.00000000	0.00000000
## 44	0.01818182	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.15000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.01785714	0.00000000	0.00000000	0.09677419	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.09836066	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.10000000	0.00000000
## 51	0.00000000	0.00000000	0.02597403	0.00000000	0.18032787	0.00000000
## 52	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.16666667	0.00000000
## 55	0.00000000	0.01351351	0.00000000	0.00000000	0.01639344	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.05357143	0.00000000
## 57	0.01449275	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.04444444	0.00000000
## 60	0.01612903	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000
## 61	0.00000000	0.00000000	0.07352941	0.00000000	0.00000000	0.00000000
##	1267	1268	1269	1270	1271	1272
## 1	0.01612903	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.03278689	0.04411765	0.00000000	0.00000000	0.01265823	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06557377
## 4	0.04838710	0.01282051	0.00000000	0.01515152	0.01333333	0.00000000
## 5	0.03030303	0.01470588	0.00000000	0.00000000	0.01315789	0.00000000
## 6	0.07692308	0.00000000	0.00000000	0.00000000	0.01176471	0.00000000
## 7	0.03896104	0.03846154	0.00000000	0.01234568	0.00000000	0.00000000
## 8	0.05797101	0.05882353	0.00000000	0.01315789	0.00000000	0.00000000
## 9	0.05970149	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 11	0.01351351	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000
## 12	0.08000000	0.01333333	0.00000000	0.00000000	0.01265823	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.07017544	0.00000000	0.00000000	0.01562500	0.01587302	0.00000000
## 15	0.00000000	0.00000000	0.01075269	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.02666667	0.08955224	0.01282051	0.00000000
## 17	0.03076923	0.00000000	0.00000000	0.02816901	0.04000000	0.00000000
## 18	0.01694915	0.00000000	0.00000000	0.04761905	0.10810811	0.00000000
## 19	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.01562500
## 20	0.00000000	0.00000000	0.01428571	0.01282051	0.00000000	0.00000000
## 21	0.16176471	0.05263158	0.00000000	0.01639344	0.01612903	0.00000000
## 22	0.13333333	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 23	0.05797101	0.00000000	0.00000000	0.01587302	0.06410256	0.00000000

## 24	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.01408451	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01388889	0.00000000	0.03333333	0.00000000	0.00000000
## 27	0.09836066	0.01612903	0.00000000	0.00000000	0.01587302	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.02777778	0.04347826	0.00000000
## 29	0.00000000	0.00000000	0.01333333	0.01587302	0.01123596	0.00000000
## 30	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 31	0.01562500	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000
## 33	0.01388889	0.01724138	0.00000000	0.01351351	0.00000000	0.00000000
## 34	0.03174603	0.00000000	0.00000000	0.00000000	0.08000000	0.00000000
## 35	0.14814815	0.01754386	0.00000000	0.01886792	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.06944444	0.00000000	0.00000000	0.01369863	0.01234568	0.00000000
## 39	0.14285714	0.05555556	0.00000000	0.00000000	0.02631579	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.03225806	0.01538462	0.00000000	0.00000000	0.02500000	0.00000000
## 42	0.08536585	0.00000000	0.00000000	0.00000000	0.06172840	0.00000000
## 43	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.05714286
## 44	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.06349206	0.00000000	0.00000000	0.01562500	0.05263158	0.00000000
## 46	0.04687500	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.08620690	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.15254237	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.04411765	0.02898551	0.00000000
## 50	0.03030303	0.00000000	0.00000000	0.04477612	0.02439024	0.00000000
## 51	0.10769231	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.03174603	0.03508772	0.00000000	0.03333333	0.01470588	0.00000000
## 55	0.01587302	0.04615385	0.00000000	0.00000000	0.00000000	0.01612903
## 56	0.04838710	0.01515152	0.00000000	0.05660377	0.04545455	0.00000000
## 57	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.01428571
## 58	0.01960784	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.04918033	0.00000000	0.00000000	0.01492537	0.00000000
## 60	0.00000000	0.04838710	0.00000000	0.00000000	0.01538462	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1273	1274	1275	1276	1277	1278
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.02631579	0.02702703	0.00000000	0.01282051	0.00000000	0.00000000
## 8	0.02597403	0.01612903	0.00000000	0.01219512	0.00000000	0.00000000
## 9	0.05633803	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 15	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 16	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.04225352	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.05000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.02564103	0.01428571	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.01492537	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.01190476	0.00000000	0.01562500
## 27	0.06557377	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.02380952	0.04109589
## 29	0.00000000	0.10869565	0.00000000	0.01449275	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000
## 33	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.02898551	0.06250000	0.00000000	0.01470588	0.00000000	0.00000000
## 35	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.04838710	0.00000000	0.00000000	0.00000000
## 38	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.02173913	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01886792	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803
## 47	0.01639344	0.02127660	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.01587302	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.01538462	0.06896552	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.01428571	0.04918033	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.02127660	0.01923077	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.03174603	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 56	0.01587302	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.01724138	0.00000000	0.01388889	0.00000000	0.00000000
## 59	0.00000000	0.01515152	0.00000000	0.05263158	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000	0.01538462
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1279	1280	1281	1282	1283	1284
## 1	0.00000000	0.11764706	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01694915	0.00000000	0.00000000	0.00000000	0.02898551	0.01612903
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000
## 4	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.01388889	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.04109589	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.01204819	0.01298701	0.00000000	0.00000000	0.01149425	0.00000000

## 8	0.03658537	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703
## 11	0.00000000	0.01315789	0.00000000	0.01315789	0.00000000	0.00000000
## 12	0.01250000	0.03409091	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 14	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.01694915
## 15	0.00000000	0.00000000	0.01250000	0.01612903	0.00000000	0.02564103
## 16	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.02739726	0.04109589	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.01639344	0.05405405	0.00000000	0.00000000	0.01515152	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.01428571
## 21	0.00000000	0.06756757	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.02777778	0.01204819	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.01408451	0.11842105	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.01470588	0.00000000	0.00000000	0.01298701	0.02816901	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03703704
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.04761905	0.04545455	0.00000000	0.00000000	0.00000000	0.01562500
## 35	0.01639344	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01250000	0.03333333	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.03658537	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.01219512	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.03076923	0.06060606	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.02739726	0.05128205	0.00000000	0.00000000	0.02941176	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589	0.00000000
## 44	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01492537	0.06329114	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.01298701	0.04285714	0.00000000	0.00000000	0.00000000	0.01492537
## 50	0.04054054	0.05128205	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.05357143	0.07692308	0.00000000	0.00000000	0.03125000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 53	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 54	0.01639344	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.01470588	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.01587302	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 58	0.02857143	0.00000000	0.00000000	0.03225806	0.01265823	0.01492537
## 59	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.03125000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.08000000	0.00000000

##	1285	1286	1287	1288	1289	1290
## 1	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.03797468	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.13636364	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.01369863	0.01515152	0.01754386	0.00000000
## 11	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.07017544	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.04225352	0.03125000	0.04166667	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 21	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.07142857	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.01190476	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 33	0.00000000	0.03508772	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.03333333	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05263158
## 37	0.00000000	0.00000000	0.00000000	0.02941176	0.06451613	0.00000000
## 38	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.03921569	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000
## 45	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.04838710	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.01639344	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.01587302	0.03571429	0.01408451	0.00000000	0.00000000



## 54	0.00000000	0.05263158	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.01818182	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1291	1292	1293	1294	1295	1296
## 1	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.01612903
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 5	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000	0.02941176
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.03529412	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 10	0.02941176	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.02531646	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.02898551	0.01369863	0.00000000	0.01470588
## 17	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.04285714	0.00000000	0.00000000
## 19	0.01388889	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 20	0.00000000	0.01428571	0.00000000	0.00000000	0.01265823	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.01351351
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.03529412	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.01587302	0.01333333	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.01315789	0.02985075	0.01369863
## 26	0.00000000	0.00000000	0.00000000	0.04109589	0.04347826	0.01428571
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 28	0.00000000	0.00000000	0.02469136	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000	0.01515152
## 33	0.00000000	0.00000000	0.00000000	0.04109589	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.01562500	0.04347826	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.01351351	0.02531646	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000	0.02702703
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 45	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000

## 46	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.03448276
## 47	0.00000000	0.00000000	0.01639344	0.02816901	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.01408451
## 49	0.00000000	0.00000000	0.00000000	0.04054054	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.06756757	0.00000000	0.02500000
## 51	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 53	0.02631579	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.04225352	0.00000000	0.01694915
## 55	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 57	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01449275	0.01587302	0.01639344	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.03174603
## 60	0.00000000	0.00000000	0.00000000	0.03508772	0.00000000	0.02985075
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
##	1297	1298	1299	1300	1301	1302
## 1	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.01666667	0.05454545	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.04761905	0.00000000
## 4	0.01428571	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 5	0.01250000	0.00000000	0.03030303	0.01408451	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.01470588	0.01369863	0.00000000	0.00000000
## 7	0.00000000	0.01333333	0.00000000	0.01333333	0.00000000	0.00000000
## 8	0.01351351	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000
## 9	0.01562500	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.03076923	0.01612903	0.00000000	0.00000000	0.00000000
## 12	0.01265823	0.00000000	0.08108108	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01639344	0.00000000	0.03225806	0.01724138	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.05405405	0.03333333	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.01408451	0.04615385	0.02857143	0.00000000	0.00000000
## 18	0.00000000	0.01587302	0.15384615	0.01538462	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.02857143	0.02857143	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.01562500	0.02898551	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.06349206	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.07352941	0.02777778	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.01428571	0.08695652	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000
## 26	0.01639344	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603
## 31	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000
## 33	0.01408451	0.00000000	0.05263158	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.07407407	0.01470588	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152

## 38	0.00000000	0.01351351	0.03030303	0.01219512	0.00000000	0.00000000
## 39	0.01449275	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 40	0.01265823	0.00000000	0.00000000	0.04347826	0.00000000	0.00000000
## 41	0.01562500	0.01492537	0.11475410	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.17910448	0.01538462	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.02666667	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.11764706	0.02666667	0.00000000	0.00000000
## 46	0.01562500	0.01538462	0.06122449	0.01587302	0.00000000	0.00000000
## 47	0.01428571	0.00000000	0.03076923	0.01724138	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000	0.00000000
## 49	0.01388889	0.00000000	0.03448276	0.03225806	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.01538462	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 55	0.01562500	0.01298701	0.01886792	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.07462687	0.04615385	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182
## 58	0.00000000	0.00000000	0.01754386	0.13846154	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01785714	0.01754386	0.01538462	0.00000000
## 60	0.00000000	0.00000000	0.05882353	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1303	1304	1305	1306	1307	1308
## 1	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
## 16	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568
## 17	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01428571	0.00000000	0.00000000	0.01724138	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000
## 36	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000	0.01470588
## 38	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.03614458	0.00000000	0.00000000	0.03030303	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.10526316	0.00000000	0.01694915	0.05769231	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.01923077	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 51	0.00000000	0.01538462	0.00000000	0.00000000	0.01694915	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 57	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1309	1310	1311	1312	1313	1314
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 2	0.00000000	0.01666667	0.00000000	0.00000000	0.05555556	0.01428571
## 3	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.01388889
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.05128205	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.02409639
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.01265823
## 9	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.05555556
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.09459459	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.06896552	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.05128205
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.05970149	0.01369863
## 18	0.00000000	0.00000000	0.01492537	0.00000000	0.13333333	0.00000000
## 19	0.01538462	0.04477612	0.04225352	0.00000000	0.00000000	0.02777778
## 20	0.00000000	0.01333333	0.00000000	0.01818182	0.00000000	0.01265823
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.12857143	0.02816901

## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.24590164	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.09459459	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.01408451
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.01923077	0.01449275	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000	0.01562500
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646	0.01250000
## 34	0.00000000	0.00000000	0.02857143	0.00000000	0.01428571	0.01515152
## 35	0.00000000	0.01639344	0.00000000	0.00000000	0.09836066	0.02816901
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.17073171	0.01388889
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.07352941	0.01369863
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.08695652	0.01369863
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.11267606	0.01250000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.01666667	0.00000000	0.01785714	0.00000000	0.02702703
## 45	0.00000000	0.00000000	0.01449275	0.00000000	0.11842105	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.04761905	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 48	0.00000000	0.00000000	0.01369863	0.00000000	0.10810811	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.16666667	0.00000000
## 52	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10606061
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.12698413	0.01388889
## 57	0.00000000	0.01470588	0.01265823	0.01587302	0.00000000	0.01333333
## 58	0.01886792	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000
## 59	0.01587302	0.00000000	0.00000000	0.00000000	0.01538462	0.01408451
## 60	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1315	1316	1317	1318	1319	1320
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.01111111	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.01123596	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.02631579	0.01666667	0.00000000	0.00000000

##	14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	16	0.00000000	0.02469136	0.00000000	0.00000000	0.00000000
##	17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	18	0.00000000	0.01538462	0.01724138	0.00000000	0.00000000
##	19	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
##	20	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000
##	21	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
##	22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	23	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
##	24	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
##	25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	26	0.00000000	0.04000000	0.04545455	0.00000000	0.00000000
##	27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	28	0.00000000	0.02597403	0.01234568	0.00000000	0.00000000
##	29	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
##	30	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
##	31	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
##	32	0.00000000	0.00000000	0.04918033	0.00000000	0.00000000
##	33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	34	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000
##	35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	36	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
##	37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	41	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
##	42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	45	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000
##	46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	54	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
##	55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	57	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
##	58	0.00000000	0.00000000			

## 6	0.00000000	0.00000000	0.00000000	0.11940299	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.14130435	0.12162162	0.01408451
## 8	0.00000000	0.00000000	0.00000000	0.07142857	0.06849315	0.03076923
## 9	0.00000000	0.01612903	0.03125000	0.10294118	0.01612903	0.06250000
## 10	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.04000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.11392405	0.01515152	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.03225806	0.09677419	0.00000000	0.00000000
## 15	0.00000000	0.04054054	0.00000000	0.00000000	0.00000000	0.01562500
## 16	0.00000000	0.00000000	0.00000000	0.04347826	0.01666667	0.01449275
## 17	0.00000000	0.00000000	0.01612903	0.10000000	0.01492537	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.07352941	0.02083333	0.00000000
## 19	0.00000000	0.02702703	0.02531646	0.00000000	0.01470588	0.00000000
## 20	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.01694915	0.16417910	0.09375000	0.03225806
## 22	0.00000000	0.00000000	0.00000000	0.05479452	0.01639344	0.02941176
## 23	0.00000000	0.00000000	0.01470588	0.17187500	0.01666667	0.04347826
## 24	0.00000000	0.00000000	0.00000000	0.07246377	0.00000000	0.04109589
## 25	0.00000000	0.00000000	0.00000000	0.02857143	0.01538462	0.00000000
## 26	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.05660377	0.05263158	0.11940299	0.00000000	0.01851852
## 28	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000
## 30	0.00000000	0.01724138	0.01639344	0.00000000	0.01587302	0.00000000
## 31	0.00000000	0.07575758	0.05714286	0.01351351	0.00000000	0.01470588
## 32	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.05797101	0.03571429	0.00000000
## 34	0.00000000	0.00000000	0.01515152	0.08064516	0.01587302	0.00000000
## 35	0.00000000	0.03773585	0.01612903	0.06779661	0.04761905	0.03389831
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.01234568	0.10126582	0.01562500	0.00000000
## 39	0.00000000	0.00000000	0.02941176	0.10769231	0.02816901	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.13513514	0.01587302	0.01639344
## 42	0.00000000	0.01562500	0.01428571	0.01315789	0.06557377	0.04347826
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.13432836	0.01639344	0.00000000
## 46	0.01562500	0.00000000	0.00000000	0.04347826	0.01694915	0.00000000
## 47	0.00000000	0.00000000	0.01666667	0.07246377	0.03846154	0.01470588
## 48	0.00000000	0.01562500	0.01587302	0.11688312	0.08620690	0.09375000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.06896552	0.00000000
## 50	0.00000000	0.01639344	0.00000000	0.15384615	0.00000000	0.03225806
## 51	0.00000000	0.00000000	0.03030303	0.18571429	0.01612903	0.04761905
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01369863	0.06153846	0.00000000	0.00000000	0.01333333	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.17333333	0.06250000	0.06250000
## 55	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.01538462
## 56	0.00000000	0.00000000	0.00000000	0.20588235	0.01639344	0.01923077
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 59	0.01492537	0.00000000	0.00000000	0.01333333	0.04109589	0.00000000

## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.01562500
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1327	1328	1329	1330	1331	1332
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01818182
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 30	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.02439024	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01515152	0.00000000	0.01369863	0.00000000	0.02702703
## 38	0.0000000					



## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.03278689
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01470588	0.01562500	0.01234568	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1333	1334	1335	1336	1337	1338
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01333333	0.00000000	0.00000000	0.14000000	0.00000000	0.00000000
## 3	0.00000000	0.01176471	0.00000000	0.00000000	0.01754386	0.01282051
## 4	0.01234567	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.06493506	0.00000000	0.01190476
## 8	0.00000000	0.00000000	0.00000000	0.11594203	0.00000000	0.01282051
## 9	0.01492537	0.00000000	0.00000000	0.06122449	0.00000000	0.01449275
## 10	0.02702702	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01149425	0.00000000	0.01923077	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.05172414	0.00000000	0.01315789
## 13	0.01369863	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000	0.04347826
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.02083333	0.00000000	0.00000000
## 19	0.02439024	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.05747126	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 21	0.02857142	0.00000000	0.00000000	0.11538462	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.05454545	0.00000000	0.01470588
## 23	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.11940299
## 25	0.01162790	0.00000000	0.00000000	0.03389831	0.00000000	0.01265823
## 26	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 27	0.01612903	0.00000000	0.00000000	0.03703704	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.01250000
## 29	0.00000000	0.00000000	0.00000000	0.05263158	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 32	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.01408450	0.00000000	0.00000000	0.05454545	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.11320755	0.00000000	0.00000000
## 36	0.00000000	0.02631579	0.05405405	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.01265822	0.00000000	0.00000000	0.01587302	0.00000000	0.01234568
## 39	0.00000000	0.00000000	0.00000000	0.06451613	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01265822	0.00000000	0.00000000	0.11864407	0.00000000	0.00000000
## 42	0.01265822	0.00000000	0.00000000	0.09836066	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703

## 44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 45	0.000000000	0.000000000	0.000000000	0.133333333	0.000000000	0.000000000
## 46	0.029850746	0.000000000	0.000000000	0.040000000	0.000000000	0.000000000
## 47	0.000000000	0.000000000	0.000000000	0.01960784	0.000000000	0.000000000
## 48	0.045454545	0.000000000	0.000000000	0.15789474	0.000000000	0.01351351
## 49	0.000000000	0.000000000	0.000000000	0.04081633	0.000000000	0.000000000
## 50	0.013333333	0.000000000	0.000000000	0.05882353	0.000000000	0.000000000
## 51	0.027027027	0.000000000	0.000000000	0.13207547	0.000000000	0.000000000
## 52	0.000000000	0.000000000	0.000000000	0.000000000	0.01428571	0.000000000
## 53	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 54	0.000000000	0.000000000	0.000000000	0.01666667	0.000000000	0.000000000
## 55	0.013698630	0.000000000	0.01960784	0.033333333	0.000000000	0.000000000
## 56	0.011494253	0.000000000	0.000000000	0.03076923	0.000000000	0.02666667
## 57	0.000000000	0.01282051	0.000000000	0.000000000	0.000000000	0.000000000
## 58	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.03076923
## 59	0.026666667	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 60	0.014492754	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 61	0.012048193	0.000000000	0.000000000	0.000000000	0.000000000	0.01282051
##	1339	1340	1341	1342	1343	1344
## 1	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 2	0.02739726	0.000000000	0.000000000	0.000000000	0.000000000	0.03389831
## 3	0.000000000	0.050000000	0.000000000	0.000000000	0.000000000	0.000000000
## 4	0.04411765	0.000000000	0.01538462	0.000000000	0.000000000	0.02941176
## 5	0.01250000	0.000000000	0.000000000	0.000000000	0.000000000	0.01298701
## 6	0.04347826	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 7	0.10975610	0.000000000	0.01369863	0.000000000	0.000000000	0.02564103
## 8	0.08571429	0.000000000	0.01449275	0.000000000	0.000000000	0.02564103
## 9	0.10294118	0.000000000	0.01515152	0.000000000	0.000000000	0.06060606
## 10	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 11	0.02597403	0.000000000	0.06557377	0.000000000	0.000000000	0.000000000
## 12	0.050000000	0.000000000	0.000000000	0.000000000	0.000000000	0.02777778
## 13	0.000000000	0.02702703	0.000000000	0.000000000	0.000000000	0.01562500
## 14	0.01666667	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 15	0.000000000	0.000000000	0.01265823	0.000000000	0.01315789	0.01492537
## 16	0.02777778	0.000000000	0.000000000	0.000000000	0.01369863	0.01639344
## 17	0.05633803	0.000000000	0.01562500	0.000000000	0.000000000	0.03125000
## 18	0.04109589	0.000000000	0.000000000	0.000000000	0.000000000	0.03508772
## 19	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 20	0.01298701	0.000000000	0.000000000	0.000000000	0.000000000	0.01408451
## 21	0.01470588	0.000000000	0.000000000	0.000000000	0.000000000	0.03278689
## 22	0.04687500	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 23	0.11111111	0.000000000	0.01449275	0.000000000	0.000000000	0.000000000
## 24	0.01428571	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 25	0.05813953	0.000000000	0.000000000	0.000000000	0.000000000	0.02666667
## 26	0.01428571	0.000000000	0.000000000	0.000000000	0.000000000	0.01694915
## 27	0.04285714	0.000000000	0.01754386	0.000000000	0.000000000	0.01612903
## 28	0.000000000	0.000000000	0.01562500	0.000000000	0.000000000	0.000000000
## 29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 30	0.000000000	0.000000000	0.000000000	0.01298701	0.000000000	0.000000000
## 31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 33	0.025000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
## 34	0.01562500	0.000000000	0.01818182	0.000000000	0.000000000	0.000000000
## 35	0.01515152	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.03614458	0.00000000	0.00000000	0.00000000	0.00000000	0.01204819
## 39	0.06060606	0.00000000	0.03076923	0.00000000	0.00000000	0.01333333
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.02247191	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.04347826	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 47	0.07042254	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689
## 48	0.14864865	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.02702703	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 51	0.04109589	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.01408451
## 54	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 55	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.11267606
## 56	0.06250000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.01851852
## 59	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1345	1346	1347	1348	1349	1350
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.10294118	0.03389831
## 3	0.05633803	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646	0.09090909
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568	0.01538462
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589	0.07575758
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.08860759	0.01449275
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.08974359	0.00000000
## 9	0.00000000	0.01449275	0.00000000	0.00000000	0.14473684	0.03846154
## 10	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.01219512	0.00000000	0.01282051	0.04761905
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.12500000
## 13	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.01923077	0.05660377
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455	0.04761905
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.04054054	0.10144928
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.14545455
## 19	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.17647059	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333	0.06153846
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568	0.15942029
## 24	0.00000000	0.00000000	0.00000000	0.01388889	0.02739726	0.05405405
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.02941176
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.01449275	0.00000000	0.00000000	0.12857143	0.11538462

## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589	0.01886792
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.09333333
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606	0.01639344
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.14285714	0.12500000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.03846154	0.06493506
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.04054054	0.10769231
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333	0.04411765
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.07894737	0.00000000
## 43	0.01408451	0.00000000	0.00000000	0.04477612	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.03571429	0.10958904
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.04687500
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.03636364	0.09589041
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.21875000	0.09375000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.03529412	0.01612903
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.14285714	0.08571429
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.16129032
## 55	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.04411765	0.22058824
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.01515152	0.03076923	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689
## 61	0.01449275	0.00000000	0.00000000	0.03389831	0.00000000	0.00000000
##	1351	1352	1353	1354	1355	1356
## 1	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.03076923	0.00000000	0.01562500	0.00000000	0.00000000
## 4	0.00000000	0.05970149	0.01538462	0.00000000	0.04411765	0.00000000
## 5	0.00000000	0.00000000	0.05714286	0.00000000	0.00000000	0.00000000
## 6	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.01333333	0.02666667	0.07246377	0.00000000	0.01298701	0.01149425
## 8	0.01351351	0.00000000	0.04347826	0.00000000	0.01428571	0.00000000
## 9	0.01470588	0.00000000	0.12962963	0.00000000	0.06944444	0.01449275
## 10	0.04761905	0.00000000	0.00000000	0.00000000	0.01315789	0.01492537
## 11	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.01408451	0.04477612	0.00000000	0.01315789	0.00000000
## 13	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000
## 15	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667
## 16	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.01470588	0.02985075	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.02222222	0.01818182	0.00000000	0.01515152	0.00000000
## 19	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.02666667

## 20	0.01315789	0.01724138	0.01470588	0.00000000	0.00000000	0.00000000
## 21	0.01470588	0.03846154	0.06666667	0.00000000	0.05172414	0.02941176
## 22	0.01369863	0.01639344	0.03448276	0.00000000	0.01388889	0.00000000
## 23	0.01470588	0.01639344	0.06153846	0.00000000	0.00000000	0.00000000
## 24	0.01388889	0.00000000	0.02857143	0.00000000	0.01470588	0.02702703
## 25	0.00000000	0.00000000	0.03947368	0.00000000	0.01351351	0.00000000
## 26	0.00000000	0.06779661	0.00000000	0.01960784	0.00000000	0.00000000
## 27	0.02000000	0.01666667	0.12962963	0.00000000	0.01694915	0.00000000
## 28	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000
## 30	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.07692308	0.01562500	0.00000000	0.00000000	0.01562500	0.01369863
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 33	0.00000000	0.00000000	0.01470588	0.00000000	0.01315789	0.00000000
## 34	0.00000000	0.04477612	0.02985075	0.00000000	0.00000000	0.01408451
## 35	0.00000000	0.01639344	0.01562500	0.00000000	0.03448276	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01492537	0.00000000	0.01886792	0.01538462	0.00000000
## 38	0.00000000	0.00000000	0.01265823	0.00000000	0.01298701	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.01562500	0.01562500	0.07042254	0.00000000	0.00000000	0.00000000
## 42	0.02247191	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 43	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.01612903	0.03225806	0.00000000	0.00000000	0.01369863
## 46	0.00000000	0.04918033	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.02985075	0.05172414	0.00000000	0.00000000	0.00000000
## 48	0.01428571	0.03174603	0.03278689	0.00000000	0.02816901	0.01388889
## 49	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.04838710	0.00000000	0.00000000	0.00000000
## 51	0.01449275	0.00000000	0.01724138	0.00000000	0.05555556	0.01333333
## 52	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000
## 53	0.02631579	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 54	0.00000000	0.01818182	0.05555556	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.03703704	0.01428571	0.01754386	0.01333333	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 57	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 59	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 61	0.00000000	0.01428571	0.00000000	0.02985075	0.00000000	0.00000000
##	1357	1358	1359	1360	1361	1362
## 1	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.02816901
## 2	0.05063291	0.06493506	0.00000000	0.00000000	0.00000000	0.05970149
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579
## 4	0.00000000	0.07058824	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000	0.01282051
## 6	0.00000000	0.09230769	0.00000000	0.00000000	0.00000000	0.02666667
## 7	0.02298851	0.09302326	0.00000000	0.00000000	0.00000000	0.06250000
## 8	0.01204819	0.05797101	0.00000000	0.00000000	0.00000000	0.09210526
## 9	0.00000000	0.08695652	0.00000000	0.00000000	0.00000000	0.11594203
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.01515152	0.02564103	0.00000000	0.00000000	0.00000000	0.00000000

## 12	0.00000000	0.15662651	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.05263158	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.01176471
## 16	0.01428571	0.02380952	0.00000000	0.00000000	0.00000000	0.01538462
## 17	0.00000000	0.05882353	0.00000000	0.00000000	0.00000000	0.02666667
## 18	0.01449275	0.07142857	0.00000000	0.00000000	0.00000000	0.01408451
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.01408451
## 21	0.01449275	0.13793103	0.00000000	0.00000000	0.00000000	0.10294118
## 22	0.00000000	0.13888889	0.00000000	0.00000000	0.00000000	0.02941176
## 23	0.01190476	0.15151515	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.07462687	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.02409639	0.00000000	0.00000000	0.00000000	0.02531646
## 26	0.06578947	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 27	0.00000000	0.04545455	0.01333333	0.00000000	0.00000000	0.08064516
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01162791
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.01250000	0.00000000	0.00000000	0.00000000	0.01176471
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667
## 33	0.00000000	0.05479452	0.00000000	0.00000000	0.00000000	0.03174603
## 34	0.01315789	0.12162162	0.00000000	0.00000000	0.00000000	0.01492537
## 35	0.01408451	0.15492958	0.00000000	0.00000000	0.00000000	0.07017544
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01449275	0.00000000	0.01562500	0.00000000
## 38	0.00000000	0.10526316	0.00000000	0.00000000	0.00000000	0.01333333
## 39	0.01408451	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.03076923	0.11267606	0.00000000	0.00000000	0.00000000	0.04166667
## 42	0.01176471	0.10000000	0.01388889	0.00000000	0.00000000	0.03750000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 45	0.02666667	0.17500000	0.00000000	0.00000000	0.00000000	0.06250000
## 46	0.00000000	0.08571429	0.00000000	0.00000000	0.00000000	0.02777778
## 47	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000	0.01587302
## 48	0.02898551	0.09523810	0.00000000	0.00000000	0.00000000	0.05194805
## 49	0.01428571	0.00000000	0.00000000	0.00000000	0.01754386	0.01923077
## 50	0.01428571	0.02500000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.02739726	0.23684211	0.00000000	0.00000000	0.00000000	0.05555556
## 52	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.07936508	0.00000000	0.00000000	0.00000000	0.01562500
## 55	0.03125000	0.01408451	0.00000000	0.00000000	0.00000000	0.01428571
## 56	0.00000000	0.16438356	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.01587302	0.03389831	0.00000000
## 58	0.01449275	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1363	1364	1365	1366	1367	1368
## 1	0.00000000	0.00000000	0.01538462	0.00000000	0.01515152	0.00000000
## 2	0.01428571	0.06250000	0.22972973	0.01612903	0.01562500	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 4	0.00000000	0.00000000	0.00000000	0.04938272	0.08450704	0.00000000
## 5	0.00000000	0.01449275	0.01515152	0.06250000	0.06944444	0.00000000
## 6	0.00000000	0.00000000	0.01428571	0.07142857	0.13432836	0.00000000
## 7	0.00000000	0.06451613	0.10666667	0.13043478	0.08108108	0.00000000
## 8	0.01234568	0.01470588	0.14864865	0.08571429	0.12857143	0.02777778
## 9	0.03389831	0.06349206	0.08219178	0.16666667	0.13235294	0.03278689
## 10	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.01333333	0.00000000	0.01515152	0.04545455	0.05405405	0.01639344
## 12	0.00000000	0.01408451	0.01449275	0.09756098	0.18918919	0.03030303
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.01923077	0.05000000	0.04838710	0.19718310	0.00000000
## 15	0.00000000	0.01492537	0.00000000	0.00000000	0.01298701	0.00000000
## 16	0.01204819	0.00000000	0.04347826	0.01449275	0.04109589	0.04761905
## 17	0.01282051	0.01754386	0.01470588	0.13888889	0.10769231	0.01612903
## 18	0.01428571	0.00000000	0.00000000	0.05714286	0.03278689	0.00000000
## 19	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.01219512	0.01315789	0.00000000	0.00000000	0.00000000	0.02857143
## 21	0.03278689	0.09836066	0.08695652	0.13333333	0.19047619	0.03174603
## 22	0.00000000	0.00000000	0.01449275	0.00000000	0.02739726	0.00000000
## 23	0.01470588	0.03278689	0.01492537	0.03571429	0.16000000	0.01428571
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405	0.00000000
## 25	0.00000000	0.01562500	0.01408451	0.06578947	0.04109589	0.01388889
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.08474576
## 27	0.07352941	0.06896552	0.13114754	0.08333333	0.16666667	0.00000000
## 28	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.01538462
## 29	0.00000000	0.00000000	0.00000000	0.05084746	0.00000000	0.00000000
## 30	0.00000000	0.01923077	0.01515152	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.01470588	0.02666667	0.09302326	0.01428571
## 34	0.01492537	0.00000000	0.04477612	0.00000000	0.02666667	0.00000000
## 35	0.01754386	0.07017544	0.06250000	0.02941176	0.11290323	0.01639344
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.02666667	0.02816901	0.06097561	0.27272727	0.01515152
## 39	0.01333333	0.03174603	0.06666667	0.08196721	0.15254237	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.01886792	0.04347826	0.06944444	0.12068966	0.00000000
## 42	0.00000000	0.05882353	0.11666667	0.02898551	0.09523810	0.01492537
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.05882353	0.09230769	0.08823529	0.01515152
## 46	0.00000000	0.02040816	0.00000000	0.03030303	0.08474576	0.00000000
## 47	0.00000000	0.03636364	0.01492537	0.08196721	0.06349206	0.01923077
## 48	0.01639344	0.11111111	0.18750000	0.07936508	0.13235294	0.01562500
## 49	0.00000000	0.00000000	0.00000000	0.03333333	0.04477612	0.04838710
## 50	0.00000000	0.02702703	0.01234568	0.08000000	0.07936508	0.00000000
## 51	0.01369863	0.04477612	0.08064516	0.06250000	0.09375000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 53	0.00000000	0.04477612	0.00000000	0.01449275	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.01562500	0.17241379	0.08928571	0.03389831
## 55	0.01538462	0.01562500	0.00000000	0.01851852	0.00000000	0.05357143
## 56	0.00000000	0.01724138	0.01724138	0.13559322	0.25000000	0.03448276
## 57	0.00000000	0.01785714	0.00000000	0.00000000	0.00000000	0.00000000

## 58	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.01587302	0.07812500	0.01538462	0.01428571	0.00000000
## 60	0.01492537	0.01851852	0.01587302	0.01724138	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1369	1370	1371	1372	1373	1374
## 1	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.02777778
## 2	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000	0.18000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.01351351	0.00000000	0.01333333	0.05405405
## 5	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.03797468
## 6	0.06060606	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075
## 7	0.01282051	0.00000000	0.02941176	0.00000000	0.00000000	0.15662651
## 8	0.02985075	0.00000000	0.01369863	0.00000000	0.00000000	0.11428571
## 9	0.06349206	0.00000000	0.01515152	0.01369863	0.00000000	0.15000000
## 10	0.00000000	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701
## 12	0.01315789	0.00000000	0.01282051	0.00000000	0.00000000	0.08219178
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 14	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.01923077
## 15	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 17	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.13636364
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07792208
## 19	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 21	0.01612903	0.00000000	0.01408451	0.00000000	0.00000000	0.22857143
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176
## 23	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.05633803
## 24	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 25	0.02898551	0.00000000	0.02469136	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.05660377	0.01492537	0.00000000	0.00000000	0.00000000	0.11764706
## 28	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 29	0.01449275	0.00000000	0.00000000	0.01754386	0.00000000	0.01562500
## 30	0.00000000	0.05970149	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.06060606	0.00000000	0.00000000	0.00000000	0.01388889	0.01265823
## 34	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.09677419
## 35	0.07812500	0.01515152	0.00000000	0.00000000	0.00000000	0.08196721
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.05063291	0.00000000	0.01369863	0.00000000	0.00000000	0.13095238
## 39	0.04285714	0.00000000	0.01428571	0.00000000	0.00000000	0.06779661
## 40	0.00000000	0.00000000	0.01369863	0.00000000	0.01449275	0.01388889
## 41	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000	0.17241379
## 42	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.08974359
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01333333	0.00000000	0.01587302	0.00000000	0.00000000	0.07246377
## 46	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455
## 47	0.03703704	0.00000000	0.00000000	0.01562500	0.00000000	0.06451613
## 48	0.06666667	0.00000000	0.01562500	0.00000000	0.00000000	0.20779221
## 49	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.02898551



## 50	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.04761905
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.15384615
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 53	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.01282051
## 54	0.03448276	0.00000000	0.01587302	0.00000000	0.00000000	0.11764706
## 55	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.01639344	0.00000000	0.01587302	0.00000000	0.00000000	0.07692308
## 57	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.05633803
## 59	0.00000000	0.00000000	0.01492537	0.03703704	0.00000000	0.06756757
## 60	0.00000000	0.00000000	0.03448276	0.00000000	0.00000000	0.03225806
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.05555556	0.00000000
##	1375	1376	1377	1378	1379	1380
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701
## 3	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 12	0.00000000	0.00000000	0.01388889	0.03750000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.03389831	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.01219512	0.06756757	0.01333333	0.01234568
## 17	0.00000000	0.00000000	0.01333333	0.01333333	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.04838710	0.01562500	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.02597403	0.02631579	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.05194805	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.01449275	0.01282051	0.00000000
## 24	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.01282051	0.15873016	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.05714286	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.01694915	0.03076923	0.01315789	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.01694915	0.01562500	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.04054054	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.02857143	0.01587302	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000

## 42	0.00000000	0.00000000	0.00000000	0.01562500	0.03703704	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 46	0.00000000	0.00000000	0.01428571	0.01369863	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.01369863	0.02941176	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.04000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568
## 54	0.00000000	0.00000000	0.01515152	0.01492537	0.00000000	0.00000000
## 55	0.01818182	0.00000000	0.00000000	0.06153846	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.05797101	0.01562500	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01136364
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.04285714	0.01851852	0.00000000
## 61	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1381	1382	1383	1384	1385	1386
## 1	0.06153846	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.04838710	0.04109589	0.00000000	0.00000000	0.01587302	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01449275	0.05882353	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.06349206	0.02898551	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.04761905	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.01219512	0.06153846	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.02739726	0.09210526	0.01204819	0.00000000	0.00000000	0.00000000
## 9	0.01538462	0.10937500	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.01694915	0.02857143	0.00000000	0.00000000
## 11	0.03125000	0.01515152	0.00000000	0.00000000	0.02777778	0.00000000
## 12	0.08139535	0.02631579	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.08163265	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.01315789	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 16	0.01449275	0.01492537	0.00000000	0.00000000	0.02941176	0.00000000
## 17	0.07246377	0.08955224	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.07462687	0.04918033	0.00000000	0.00000000	0.01515152	0.00000000
## 19	0.00000000	0.01428571	0.00000000	0.01515152	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.08955224	0.12000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.04109589	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.16883117	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.04000000	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.07017544	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.11764706	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 31	0.01562500	0.00000000	0.02631579	0.01265823	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 33	0.04054054	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000

## 34	0.03174603	0.03508772	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.03174603	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.01515152
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.03947368	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.10447761	0.04109589	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.05333333	0.04687500	0.00000000	0.00000000	0.01333333	0.00000000
## 42	0.11320755	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.11290323	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.09523810	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000
## 47	0.04918033	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.04166667	0.03278689	0.00000000	0.00000000	0.01724138	0.00000000
## 49	0.01612903	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 50	0.07575758	0.01351351	0.00000000	0.00000000	0.01562500	0.00000000
## 51	0.07352941	0.04687500	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 54	0.03174603	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.06250000	0.04109589	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.02597403	0.00000000	0.01492537
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.02777778	0.01492537	0.01492537	0.00000000	0.01612903	0.00000000
## 60	0.07575758	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
##	1387	1388	1389	1390	1391	1392
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.03636364	0.00000000	0.02898551
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01408451	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000
## 5	0.01369863	0.00000000	0.00000000	0.02777778	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.01428571
## 7	0.01388889	0.00000000	0.00000000	0.11538462	0.00000000	0.01234568
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000	0.00000000
## 13	0.00000000	0.01515152	0.01515152	0.00000000	0.03389831	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.03636364	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.05263158
## 16	0.13698630	0.00000000	0.00000000	0.01351351	0.00000000	0.01562500
## 17	0.01515152	0.00000000	0.00000000	0.02898551	0.00000000	0.01538462
## 18	0.01538462	0.00000000	0.00000000	0.01388889	0.00000000	0.01562500
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.15000000
## 20	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.04615385
## 21	0.05555556	0.00000000	0.00000000	0.04225352	0.00000000	0.02985075
## 22	0.01515152	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000
## 23	0.04000000	0.00000000	0.00000000	0.09459459	0.00000000	0.00000000
## 24	0.02985075	0.00000000	0.00000000	0.05714286	0.00000000	0.00000000
## 25	0.03896104	0.00000000	0.00000000	0.14473684	0.00000000	0.00000000

## 26	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.01851852	0.00000000	0.00000000	0.01470588	0.00000000	0.05263158
## 28	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01282051	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 34	0.01492537	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 38	0.01333333	0.00000000	0.00000000	0.03571429	0.00000000	0.01515152
## 39	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.02631579	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 42	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.03846154	0.00000000	0.00000000	0.04285714	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000	0.01470588
## 49	0.00000000	0.00000000	0.00000000	0.04109589	0.00000000	0.00000000
## 50	0.01315789	0.00000000	0.00000000	0.05617978	0.00000000	0.01492537
## 51	0.01428571	0.00000000	0.00000000	0.04687500	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07936508
## 54	0.04545455	0.00000000	0.00000000	0.09859155	0.00000000	0.01694915
## 55	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.01612903
## 56	0.01428571	0.00000000	0.00000000	0.09859155	0.00000000	0.01470588
## 57	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01587302	0.01449275	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1393	1394	1395	1396	1397	1398
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.04918033	0.01562500
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.06172840	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.03703704	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.11267606	0.00000000
## 10	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.05714286	0.00000000
## 12	0.00000000	0.00000000	0.01298701	0.00000000	0.16883117	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.19354839	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.01123596
## 16	0.00000000	0.00000000	0.06493506	0.00000000	0.08433735	0.00000000
## 17	0.00000000	0.00000000	0.01538462	0.00000000	0.14666667	0.00000000

## 18	0.00000000	0.00000000	0.01388889	0.00000000	0.11111111	0.00000000
## 19	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02739726
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.15151515	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.18666667	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.06250000	0.00000000
## 26	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.11290323	0.00000000
## 28	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000
## 30	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.03030303	0.00000000	0.08219178	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000
## 35	0.00000000	0.00000000	0.01538462	0.00000000	0.08474576	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.18750000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.12500000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.13333333	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.09638554	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.14754098	0.00000000
## 47	0.00000000	0.00000000	0.01492537	0.00000000	0.12307692	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000
## 49	0.00000000	0.00000000	0.03333333	0.00000000	0.04615385	0.00000000
## 50	0.00000000	0.00000000	0.02631579	0.00000000	0.10144928	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.10447761	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000
## 56	0.00000000	0.00000000	0.01538462	0.00000000	0.23076923	0.00000000
## 57	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1399	1400	1401	1402	1403	1404
## 1	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 2	0.03030303	0.00000000	0.08450704	0.00000000	0.04918033	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.02857143	0.00000000	0.01492537	0.00000000
## 5	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.08064516	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000
## 7	0.03409091	0.00000000	0.05405405	0.00000000	0.03846154	0.00000000
## 8	0.02409639	0.00000000	0.11267606	0.00000000	0.01515152	0.00000000
## 9	0.05633803	0.00000000	0.07812500	0.00000000	0.03076923	0.00000000

## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 11	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.04819277	0.00000000	0.03571429	0.00000000	0.01351351	0.00000000
## 13	0.00000000	0.01886792	0.01515152	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.06153846	0.00000000	0.01818182	0.00000000
## 15	0.00000000	0.00000000	0.01333333	0.00000000	0.01315789	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.05633803	0.00000000	0.04285714	0.00000000	0.01515152	0.00000000
## 18	0.02739726	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 20	0.00000000	0.01449275	0.00000000	0.02631579	0.02985075	0.00000000
## 21	0.03636364	0.00000000	0.14705882	0.00000000	0.00000000	0.00000000
## 22	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.01315789	0.00000000	0.02898551	0.00000000	0.01639344	0.00000000
## 24	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.02631579	0.00000000	0.04545455	0.00000000	0.02898551	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.03076923	0.00000000	0.10294118	0.00000000	0.00000000	0.00000000
## 28	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 29	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 33	0.01369863	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000
## 34	0.02857143	0.00000000	0.08000000	0.00000000	0.00000000	0.00000000
## 35	0.01587302	0.00000000	0.10144928	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 38	0.01449275	0.00000000	0.07352941	0.00000000	0.03076923	0.00000000
## 39	0.01408451	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.05882353	0.00000000	0.10606061	0.00000000	0.00000000	0.00000000
## 42	0.03529412	0.00000000	0.07594937	0.00000000	0.01515152	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01587302	0.00000000	0.01754386	0.00000000
## 45	0.02739726	0.00000000	0.09375000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.01754386	0.00000000	0.01754386	0.00000000
## 47	0.01694915	0.00000000	0.03125000	0.00000000	0.01639344	0.00000000
## 48	0.01562500	0.00000000	0.16666667	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000	0.00000000
## 50	0.01449275	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.08823529	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385	0.00000000
## 54	0.08474576	0.00000000	0.05000000	0.00000000	0.01923077	0.00000000
## 55	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.01351351	0.00000000	0.04545455	0.00000000	0.03076923	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 58	0.00000000	0.00000000	0.05970149	0.00000000	0.00000000	0.00000000
## 59	0.01694915	0.00000000	0.08000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1405	1406	1407	1408	1409	1410
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 2	0.02857143	0.00000000	0.00000000	0.04166667	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000
## 4	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.03614458	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.05882353	0.00000000	0.00000000	0.03529412	0.00000000	0.00000000
## 8	0.06756757	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 12	0.09090909	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 14	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 17	0.01694915	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 18	0.05084746	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01449275	0.04938272	0.02941176
## 21	0.07812500	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000
## 22	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01492537	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 27	0.01470588	0.01754386	0.00000000	0.01587302	0.01492537	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000
## 29	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01250000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.01587302	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 35	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.01639344	0.00000000	0.01351351	0.00000000	0.00000000
## 37	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.05633803	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.05263158	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 42	0.08536585	0.00000000	0.00000000	0.04000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.01818182
## 45	0.02985075	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000
## 46	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.04347826	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 48	0.08955224	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
## 49	0.05063291	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.03658537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.05882353	0.00000000	0.00000000	0.02898551	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.10144928	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344

## 56	0.04411765	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.01408451	0.00000000	0.00000000	0.02739726	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1411	1412	1413	1414	1415	1416
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 2	0.00000000	0.00000000	0.00000000	0.05882353	0.00000000	0.08108108
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.02409639	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.03508772	0.01538462	0.12121212
## 5	0.00000000	0.00000000	0.00000000	0.04411765	0.00000000	0.05479452
## 6	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.15151515
## 7	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000	0.06578947
## 8	0.00000000	0.00000000	0.00000000	0.05714286	0.00000000	0.09722222
## 9	0.00000000	0.00000000	0.00000000	0.10909091	0.00000000	0.06153846
## 10	0.00000000	0.01492537	0.03076923	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 12	0.00000000	0.00000000	0.00000000	0.07575758	0.00000000	0.17045455
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08620690
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.06666667	0.00000000	0.06250000
## 17	0.00000000	0.00000000	0.00000000	0.05660377	0.00000000	0.14492754
## 18	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000	0.07692308
## 19	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.06153846	0.00000000	0.24242424
## 22	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.09859155
## 23	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000	0.16666667
## 24	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.01515152
## 25	0.00000000	0.00000000	0.00000000	0.05970149	0.00000000	0.05797101
## 26	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.03703704	0.00000000	0.07017544
## 28	0.06172840	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000
## 30	0.00000000	0.01408451	0.01587302	0.00000000	0.00000000	0.00000000
## 31	0.01333333	0.02531646	0.04054054	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01315789	0.00000000	0.00000000	0.04838710	0.00000000	0.05479452
## 34	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.02985075
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.22580645
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.04615385	0.00000000	0.14084507
## 39	0.00000000	0.00000000	0.00000000	0.04918033	0.00000000	0.15714286
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.06779661	0.00000000	0.16176471
## 42	0.00000000	0.00000000	0.00000000	0.07575758	0.00000000	0.13698630
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 44	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000	0.10937500
## 46	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.08000000
## 47	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.04615385



## 48	0.00000000	0.00000000	0.00000000	0.08333333	0.00000000	0.13432836
## 49	0.00000000	0.00000000	0.00000000	0.09836066	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.04918033
## 51	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.24193548
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 53	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.15000000	0.00000000	0.01886792
## 55	0.00000000	0.00000000	0.00000000	0.01754386	0.02739726	0.03125000
## 56	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000	0.25373134
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
##	1417	1418	1419	1420	1421	1422
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 11	0.00000000	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 15	0.01315789	0.00000000	0.00000000	0.01449275	0.01333333	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.04615385	0.01250000	0.00000000	0.02857143	0.05479452	0.00000000
## 20	0.01639344	0.00000000	0.00000000	0.00000000	0.00000000	0.02409639
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.01265823	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 31	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01515152	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.02985075	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000	0.03125000
## 37	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

##	#0	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000
##	#1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#4	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000
##	#5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#7	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#9	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
##	#10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#12	0.01234568	0.00000000	0.00000000	0.02272727	0.01470588	0.00000000
##	#13	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000
##	#14	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000
##	#15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#16	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
##	#17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#20	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
##	#21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##		1423	1424	1425	1426	1427	1428
##	#1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#2	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889
##	#4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#7	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#9	0.05714286	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#10	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
##	#11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
##	#14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	#15	0.00000000	0.00000000	0.01219512	0.00000000	0.00000000	0.00000000
##	#16	0.00000000	0.00000000	0.00000000	0.00000000	0.0000000	

## 32	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.05714286	0.01562500	0.00000000	0.02857143
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000
## 58	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1429	1430	1431	1432	1433	1434
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176
## 2	0.00000000	0.00000000	0.03125000	0.00000000	0.03333333	0.04615385
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.06849315
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.06153846	0.08955224
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.06896552	0.04225352
## 7	0.00000000	0.00000000	0.01315789	0.00000000	0.02352941	0.04705882
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455	0.06060606
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.11764706	0.05970149
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.06329114	0.12500000
## 13	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.06557377	0.13793103
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.02857143
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000	0.08823529
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.03508772	0.13114754
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.03636364	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.01538462	0.00000000	0.06153846	0.07936508
## 22	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.10144928
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.20000000

## 24	0.00000000	0.00000000	0.01388889	0.00000000	0.03571429	0.04545455
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.01351351
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792	0.03076923
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.16666667	0.06557377
## 28	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06578947
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276	0.10606061
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689	0.10416667
## 36	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.05479452	0.09333333
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857	0.14705882
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.06557377	0.19117647
## 42	0.00000000	0.00000000	0.01282051	0.00000000	0.05000000	0.07575758
## 43	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 45	0.00000000	0.00000000	0.01538462	0.00000000	0.03030303	0.17142857
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.09523810
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.02040816	0.08219178
## 48	0.00000000	0.00000000	0.01428571	0.00000000	0.03448276	0.06153846
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385	0.08571429
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.07692308
## 51	0.00000000	0.00000000	0.01694915	0.00000000	0.06557377	0.13114754
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.08196721
## 55	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.01818182
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.07042254	0.20689655
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.04615385	0.00000000	0.02173913	0.01785714
## 59	0.00000000	0.00000000	0.02702703	0.00000000	0.02857143	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612	0.01694915
## 61	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000
##	1435	1436	1437	1438	1439	1440
## 1	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 10	0.01562500	0.00000000	0.06060606	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.03947368	0.00000000	0.00000000	0.00000000

## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 20	0.02666667	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.01639344	0.01562500	0.00000000	0.01388889	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.01176471	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000
## 53	0.01428571	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.01298701	0.00000000	0.01388889	0.00000000	0.00000000
##	1441	1442	1443	1444	1445	1446
## 1	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.06779661	0.07352941	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.01754386	0.02898551	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.02898551	0.01612903	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.01470588	0.08474576	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.03947368	0.06756757	0.00000000	0.00000000	0.00000000

## 8	0.00000000	0.06250000	0.06849315	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.03076923	0.15789474	0.00000000	0.02857143	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.03389831
## 11	0.00000000	0.01428571	0.01428571	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.07792208	0.07792208	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.05263158	0.02000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 16	0.00000000	0.03225806	0.01754386	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01694915	0.00000000	0.04347826	0.02941176
## 20	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.01492537
## 21	0.00000000	0.04918033	0.08064516	0.00000000	0.01369863	0.00000000
## 22	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.07246377	0.04411765	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.04285714	0.02985075	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.02127660	0.14754098	0.00000000	0.01492537	0.02040816
## 28	0.00000000	0.00000000	0.00000000	0.07575758	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.04545455	0.00000000	0.00000000	0.00000000
## 30	0.01470588	0.00000000	0.00000000	0.00000000	0.03448276	0.00000000
## 31	0.00000000	0.01666667	0.00000000	0.00000000	0.01612903	0.01562500
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01666667	0.02985075	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.01754386	0.16666667	0.00000000	0.03278689	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.02597403	0.05882353	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.06451613	0.08823529	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.04918033	0.04838710	0.00000000	0.01333333	0.00000000
## 42	0.00000000	0.01298701	0.02898551	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792	0.00000000
## 45	0.00000000	0.03225806	0.07352941	0.00000000	0.00000000	0.01492537
## 46	0.00000000	0.01612903	0.01388889	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.03030303	0.04225352	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.07575758	0.08955224	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.01754386	0.03174603	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.04761905	0.03125000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.02941176	0.07575758	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01428571	0.00000000	0.04285714	0.01515152
## 54	0.00000000	0.12698413	0.04411765	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.04918033	0.15000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588	0.03030303
## 58	0.00000000	0.00000000	0.01886792	0.00000000	0.01562500	0.00000000
## 59	0.00000000	0.00000000	0.03389831	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

##	1447	1448	1449	1450	1451	1452
## 1	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 2	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.06153846	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368
## 5	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.09722222
## 6	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405
## 7	0.04819277	0.00000000	0.00000000	0.00000000	0.00000000	0.04761905
## 8	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.06097561
## 9	0.15151515	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 10	0.01470588	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 11	0.01587302	0.00000000	0.02941176	0.00000000	0.00000000	0.03896104
## 12	0.02597403	0.00000000	0.00000000	0.00000000	0.00000000	0.21739130
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000
## 14	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.11940299
## 15	0.01428571	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 16	0.01492537	0.04545455	0.00000000	0.00000000	0.00000000	0.02857143
## 17	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000	0.14516129
## 18	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.07936508
## 19	0.00000000	0.01298701	0.00000000	0.00000000	0.01492537	0.00000000
## 20	0.00000000	0.01639344	0.00000000	0.04761905	0.01538462	0.00000000
## 21	0.10000000	0.00000000	0.00000000	0.00000000	0.00000000	0.19696970
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08988764
## 23	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.13333333
## 24	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 25	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000	0.03846154
## 26	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.14285714	0.00000000	0.00000000	0.00000000	0.00000000	0.06666667
## 28	0.00000000	0.00000000	0.01219512	0.00000000	0.00000000	0.00000000
## 29	0.01754386	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.05194805
## 34	0.03636364	0.00000000	0.00000000	0.00000000	0.00000000	0.07692308
## 35	0.09677419	0.00000000	0.00000000	0.00000000	0.00000000	0.09836066
## 36	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000
## 38	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.13924051
## 39	0.06349206	0.00000000	0.00000000	0.00000000	0.00000000	0.16666667
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.28125000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.13888889
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.04285714	0.00000000	0.00000000	0.00000000	0.00000000	0.20000000
## 46	0.02666667	0.00000000	0.00000000	0.00000000	0.00000000	0.12328767
## 47	0.06557377	0.00000000	0.00000000	0.00000000	0.00000000	0.08620690
## 48	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606
## 49	0.05797101	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667
## 50	0.03333333	0.01315789	0.00000000	0.00000000	0.00000000	0.13888889
## 51	0.05454545	0.00000000	0.00000000	0.00000000	0.00000000	0.21538462
## 52	0.01351351	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.05882353	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 54	0.06153846	0.00000000	0.00000000	0.00000000	0.00000000	0.07692308
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 56	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000	0.20312500
## 57	0.00000000	0.11111111	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403
## 60	0.00000000	0.00000000	0.01666667	0.01428571	0.00000000	0.03076923
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1453	1454	1455	1456	1457	1458
## 1	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 3	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03896104
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02500000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.01408451	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368
## 13	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03389831
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01149425
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.01408451
## 21	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.06250000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.03797468
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000
## 26	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.09375000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05405405
## 28	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.01388889	0.00000000	0.01612903	0.00000000	0.00000000
## 33	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 37	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05128205
## 39	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.06493506
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02409639
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579
## 43	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923



## 46	0.03278689	0.01612903	0.00000000	0.00000000	0.00000000	0.05714286
## 47	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667
## 49	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.11940299
## 56	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.07352941
## 57	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05555556
##	1459	1460	1461	1462	1463	1464
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.01587302
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.02000000	0.05797101
## 10	0.00000000	0.00000000	0.01612903	0.00000000	0.06122449	0.04545455
## 11	0.01265823	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000
## 16	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703
## 20	0.00000000	0.01282051	0.00000000	0.01369863	0.00000000	0.01388889
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.01250000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903
## 36	0.00000000	0.05633803	0.02941176	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01470588	0.03076923	0.00000000	0.00000000

## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 40	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.01851852	0.00000000	0.01492537
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551
## 48	0.01515152	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.07246377
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
##	1465	1466	1467	1468	1469	1470
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 3	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.07894737
## 7	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.03750000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06024096
## 9	0.01923077	0.00000000	0.00000000	0.00000000	0.00000000	0.10256410
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.12345679
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792
## 15	0.04000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.09230769
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646
## 20	0.01298701	0.01470588	0.00000000	0.00000000	0.00000000	0.01315789
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10714286
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02439024
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03703704
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.13333333
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 30	0.00000000	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.04225352	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02469136
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.12698413
## 36	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.03636364	0.03174603	0.00000000	0.00000000	0.00000000
## 38	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.08333333
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06250000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.10144928
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03658537
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04054054
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 48	0.01694915	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05633803
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08219178
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08474576
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.08955224
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000
## 56	0.01724138	0.00000000	0.00000000	0.00000000	0.00000000	0.16901408
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1471	1472	1473	1474	1475	1476
## 1	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.01538462	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01369863	0.04347826	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 7	0.05633803	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.05128205	0.02898551	0.00000000	0.00000000	0.00000000	0.01265823
## 9	0.10714286	0.09722222	0.02816901	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.03636364	0.00000000	0.00000000	0.00000000	0.04477612
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01538462	0.00000000	0.01351351	0.00000000	0.00000000	0.06250000
## 17	0.09677419	0.01538462	0.00000000	0.00000000	0.00000000	0.01315789
## 18	0.07547170	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.04444444	0.05454545	0.01428571	0.00000000	0.00000000	0.01470588

## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05769231
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07812500
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 25	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.02040816	0.00000000	0.02564103	0.00000000	0.00000000	0.04054054
## 27	0.06451613	0.06779661	0.01785714	0.00000000	0.00000000	0.03333333
## 28	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 29	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.05063291	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714
## 34	0.05357143	0.01785714	0.00000000	0.00000000	0.00000000	0.03333333
## 35	0.03333333	0.01923077	0.02040816	0.00000000	0.00000000	0.04918033
## 36	0.00000000	0.00000000	0.00000000	0.01492537	0.01449275	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.00000000
## 38	0.01351351	0.02857143	0.00000000	0.00000000	0.00000000	0.02564103
## 39	0.01886792	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.05172414	0.01851852	0.00000000	0.00000000	0.00000000	0.02816901
## 42	0.01538462	0.04109589	0.01265823	0.00000000	0.00000000	0.01369863
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.03278689	0.01694915	0.00000000	0.00000000	0.00000000	0.09459459
## 46	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 47	0.01639344	0.04838710	0.00000000	0.00000000	0.00000000	0.01587302
## 48	0.02000000	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.05084746	0.07407407	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 51	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.03125000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.03333333	0.03174603	0.00000000	0.00000000	0.00000000	0.01612903
## 55	0.00000000	0.00000000	0.04411765	0.00000000	0.01562500	0.01754386
## 56	0.05263158	0.01538462	0.00000000	0.00000000	0.01492537	0.08108108
## 57	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 59	0.04761905	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 60	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1477	1478	1479	1480	1481	1482
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.07575758	0.04225352
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01408451	0.00000000	0.00000000	0.00000000	0.09589041	0.01449275
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.04545455	0.05797101
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.07936508	0.07575758
## 7	0.01265823	0.00000000	0.00000000	0.00000000	0.06976744	0.12345679
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.07142857	0.09459459
## 9	0.02898551	0.00000000	0.00000000	0.00000000	0.04411765	0.07692308
## 10	0.01298701	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589	0.01315789
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.09090909	0.07407407
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.13333333	0.08771930
## 15	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710	0.01666667
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.09836066	0.04477612
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.09433962	0.01492537
## 19	0.03278689	0.01470588	0.00000000	0.00000000	0.00000000	0.01315789
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.01449275	0.00000000	0.00000000	0.00000000	0.15517241	0.04477612
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.08064516	0.02739726
## 23	0.01265823	0.00000000	0.00000000	0.00000000	0.17105263	0.11111111
## 24	0.01388889	0.00000000	0.00000000	0.00000000	0.05797101	0.01538462
## 25	0.01265823	0.00000000	0.00000000	0.00000000	0.04285714	0.04054054
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 27	0.01587302	0.00000000	0.00000000	0.00000000	0.04838710	0.10000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.03658537	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000
## 32	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.05479452	0.08333333
## 34	0.01449275	0.00000000	0.00000000	0.00000000	0.13636364	0.03571429
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.11267606	0.07017544
## 36	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.02500000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.05000000	0.07575758
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.16393443	0.16393443
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 41	0.01388889	0.00000000	0.00000000	0.00000000	0.29032258	0.12121212
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.13750000	0.03896104
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.01333333	0.00000000	0.00000000	0.00000000	0.19736842	0.05970149
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.07575758	0.06451613
## 47	0.01369863	0.00000000	0.00000000	0.00000000	0.04477612	0.09836066
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.05263158	0.13636364
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606	0.04347826
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.09859155	0.04109589
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.22058824	0.05000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.02380952	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.02666667	0.00000000	0.00000000	0.00000000	0.16949153	0.10000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.01388889
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.15873016	0.08695652
## 57	0.00000000	0.00000000	0.02702702	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1483	1484	1485	1486	1487	1488
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.04109589
## 3	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.02500000	0.02500000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.01369863

## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.03571429	0.09638554
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646	0.01250000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.07042254	0.02777778
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.02409639	0.02666667
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.02597403	0.01086957
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03797468
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.01282051
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04285714
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.01694915
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.04761905	0.03947368
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.04687500	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04477612
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333	0.01298701
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02666667
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.02702703
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901	0.02739726
## 36	0.00000000	0.00000000	0.00000000	0.01219512	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.02272727
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646	0.01388889
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.03896104
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03750000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923	0.06153846
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.04687500	0.02816901
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03703704
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02531646
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.02500000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.06097561	0.01250000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.05084746	0.06060606
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571	0.01666667
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889

## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1489	1490	1491	1492	1493	1494
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.12500000	0.00000000	0.05263158	0.01724138	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.03174603	0.04761905	0.00000000
## 4	0.03076923	0.00000000	0.04347826	0.00000000	0.00000000	0.00000000
## 5	0.01250000	0.00000000	0.03076923	0.00000000	0.00000000	0.00000000
## 6	0.01666667	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000
## 7	0.13953488	0.00000000	0.10144928	0.01333333	0.00000000	0.00000000
## 8	0.07352941	0.00000000	0.05970149	0.01428571	0.00000000	0.00000000
## 9	0.01612903	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 12	0.05405405	0.00000000	0.09859155	0.01562500	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 14	0.03448276	0.00000000	0.05263158	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.02702703	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000
## 17	0.01694915	0.00000000	0.06060606	0.00000000	0.00000000	0.00000000
## 18	0.01666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 20	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000	0.00000000
## 21	0.09523810	0.00000000	0.03571429	0.01639344	0.00000000	0.00000000
## 22	0.04225352	0.00000000	0.04918033	0.00000000	0.00000000	0.00000000
## 23	0.15151515	0.00000000	0.12857143	0.00000000	0.00000000	0.00000000
## 24	0.05714286	0.00000000	0.05084746	0.00000000	0.00000000	0.00000000
## 25	0.09210526	0.00000000	0.05797101	0.01315789	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.03508772	0.04411765	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.05454545	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000
## 31	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 33	0.02469136	0.00000000	0.06666667	0.00000000	0.00000000	0.00000000
## 34	0.03448276	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.05454545	0.00000000	0.06896552	0.01724138	0.00000000	0.00000000
## 36	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 38	0.03846154	0.00000000	0.10000000	0.00000000	0.00000000	0.00000000
## 39	0.05194805	0.01785714	0.13114754	0.01470588	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.08974359	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000
## 42	0.05714286	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.02898551	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.06557377	0.00000000	0.05970149	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.09677419	0.01587302	0.00000000	0.00000000
## 47	0.04838710	0.00000000	0.14000000	0.01492537	0.00000000	0.00000000
## 48	0.14062500	0.00000000	0.07142857	0.01612903	0.00000000	0.00000000
## 49	0.02739726	0.00000000	0.01851852	0.00000000	0.00000000	0.00000000
## 50	0.06756757	0.00000000	0.10294118	0.00000000	0.00000000	0.01298701
## 51	0.11290323	0.00000000	0.08333333	0.00000000	0.00000000	0.00000000

## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.11111111	0.00000000	0.07272727	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01785714	0.05970149	0.00000000	0.00000000
## 56	0.03174603	0.00000000	0.12698413	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 58	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.02985075	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
##	1495	1496	1497	1498	1499	1500
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.04166667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.05479452	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.04285714	0.00000000	0.01449275	0.00000000	0.01333333	0.00000000
## 10	0.00000000	0.00000000	0.06756757	0.01886792	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.03947368	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.02739726	0.00000000	0.01298701	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.01298701	0.01562500	0.00000000	0.00000000
## 20	0.01449275	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 21	0.06451613	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.01587302	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.07936508	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.01234568	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.02531646	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 35	0.04761905	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 38	0.01315789	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000
## 39	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.03076923	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000



## 44	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.04411765	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.01492537	0.00000000	0.05000000	0.00000000	0.00000000	0.00000000
## 50	0.01298701	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.03333333	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.01492537	0.00000000	0.07407407	0.01315789	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.01612903	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1501	1502	1503	1504	1505	1506
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.01470588
## 3	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01176471
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.01428571	0.00000000	0.04615385	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02040816
## 13	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02352941
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.05172414	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.02531646
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.02597403
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 31	0.00000000	0.01470588	0.01351351	0.00000000	0.00000000	0.01282051
## 32	0.00000000	0.00000000	0.05128205	0.00000000	0.01562500	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01960784	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000

## 36	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 37	0.02631579	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462	0.01315789
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.02666667
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 43	0.01234568	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.01639344	0.00000000	0.01818182	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901	0.01369863
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.01923077	0.02597403
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.04918033	0.01538462
## 52	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03389831	0.01515152
## 59	0.00000000	0.00000000	0.03278689	0.00000000	0.05000000	0.01282051
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1507	1508	1509	1510	1511	1512
## 1	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.09090909	0.00000000	0.06250000	0.01538462	0.01369863	0.01587302
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.03225806	0.00000000	0.07042254	0.06250000	0.01408451	0.00000000
## 5	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 7	0.08860759	0.00000000	0.06578947	0.05405405	0.02739726	0.03947368
## 8	0.11688312	0.00000000	0.05128205	0.04615385	0.01587302	0.01449275
## 9	0.07812500	0.00000000	0.05714286	0.01562500	0.02985075	0.00000000
## 10	0.00000000	0.00000000	0.01492537	0.01639344	0.01449275	0.00000000
## 11	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.01265823	0.00000000	0.01388889	0.02898551	0.00000000	0.01250000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.03508772	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 16	0.01492537	0.00000000	0.02631579	0.00000000	0.00000000	0.01694915
## 17	0.05405405	0.00000000	0.04166667	0.00000000	0.00000000	0.00000000
## 18	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689
## 19	0.00000000	0.00000000	0.02857143	0.00000000	0.03333333	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000
## 21	0.10769231	0.00000000	0.03076923	0.00000000	0.01612903	0.01639344
## 22	0.00000000	0.00000000	0.03508772	0.01470588	0.01351351	0.00000000
## 23	0.03278689	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.01492537	0.01538462	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000
## 27	0.03225806	0.00000000	0.08064516	0.01408451	0.01851852	0.00000000

## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.01470588	0.01694915	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000
## 31	0.01470588	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.03076923	0.00000000	0.01369863	0.02597403	0.00000000	0.00000000
## 34	0.07692308	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 35	0.10526316	0.00000000	0.02985075	0.04347826	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01562500
## 38	0.01369863	0.00000000	0.03658537	0.02777778	0.00000000	0.00000000
## 39	0.07246377	0.00000000	0.01562500	0.04054054	0.00000000	0.01694915
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.09375000	0.00000000	0.00000000	0.00000000	0.00000000	0.01470588
## 42	0.07692308	0.00000000	0.00000000	0.00000000	0.00000000	0.04761905
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.04687500	0.00000000	0.01492537	0.01449275	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 47	0.05555556	0.00000000	0.06451613	0.05172414	0.01724138	0.00000000
## 48	0.12698413	0.00000000	0.04225352	0.06666667	0.01639344	0.03389831
## 49	0.05263158	0.00000000	0.00000000	0.03076923	0.00000000	0.00000000
## 50	0.01562500	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 51	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.08333333	0.01515152	0.01818182	0.00000000
## 54	0.05357143	0.00000000	0.01666667	0.02816901	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.01724138	0.01785714	0.00000000	0.00000000
## 56	0.05000000	0.00000000	0.03076923	0.01492537	0.00000000	0.01666667
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04615385
## 58	0.00000000	0.00000000	0.01694915	0.00000000	0.00000000	0.01785714
## 59	0.01408451	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 60	0.01724138	0.00000000	0.01960784	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1513	1514	1515	1516	1517	1518
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 2	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.01369863
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 5	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.02564103	0.01351351
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.01388889	0.01351351
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143	0.01515152
## 10	0.00000000	0.00000000	0.00000000	0.04761905	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.01515152	0.04615385	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.01886792	0.01562500	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.02597403	0.00000000	0.01298701
## 16	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.02702703	0.00000000
## 24	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.20338983	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138	0.01369863
## 28	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.03174603	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.03773585	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.01754386	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.01282051
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 43	0.02739726	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.03030303	0.01587302
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.11764706	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.01612903	0.01562500
## 57	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.03225806	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01234568	0.00000000	0.00000000	0.01470588
## 60	0.00000000	0.00000000	0.00000000	0.01923077	0.00000000	0.00000000
## 61	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1519	1520	1521	1522	1523	1524
## 1	0.00000000	0.00000000	0.01492537	0.01470588	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.12903226	0.04545455	0.00000000	0.00000000
## 3	0.00000000	0.02857143	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.02857143	0.01369863	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.01851852	0.01351351	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.04687500	0.01282051	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.14102564	0.06976744	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.18461538	0.05263158	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.11666667	0.02777778	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.04109589	0.00000000	0.00000000

## 12	0.00000000	0.00000000	0.04347826	0.02597403	0.00000000	0.00000000
## 13	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.03773585	0.01428571	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.05000000	0.02666667	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.09090909	0.03896104	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.07017544	0.04225352	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.01470588	0.01562500	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.01754386	0.01724138	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01694915	0.01587302	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.04918033	0.02702703	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.03508772	0.03174603	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.03448276	0.01351351	0.00000000	0.00000000
## 36	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.02941176	0.01408451	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.06557377	0.01388889	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.10526316	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.04285714	0.01369863	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.07017544	0.02739726	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.02941176	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.05000000	0.02941176	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.10344828	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.06896552	0.02739726	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.12500000	0.05000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.08333333	0.07272727	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.04761905	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.05882353	0.02898551	0.00000000	0.00000000
## 57	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.01408451	0.01538462	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1525	1526	1527	1528	1529	1530
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.03896104	0.00000000

[illegible]

## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
##	1531	1532	1533	1534	1535	1536
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.02985075	0.00000000	0.08571429	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.01428571	0.00000000	0.01587302	0.00000000	0.00000000	0.02816901
## 5	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.03030303
## 6	0.01298701	0.00000000	0.04054054	0.00000000	0.00000000	0.02564103
## 7	0.01063830	0.00000000	0.14473684	0.00000000	0.00000000	0.02777778
## 8	0.01315789	0.00000000	0.08064516	0.00000000	0.00000000	0.02777778
## 9	0.01562500	0.00000000	0.10958904	0.00000000	0.00000000	0.03076923
## 10	0.01492537	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 12	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.04166667
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.01515152	0.00000000	0.00000000	0.00000000	0.00000000	0.05454545
## 15	0.02469136	0.00000000	0.02941176	0.00000000	0.01492537	0.02777778
## 16	0.00000000	0.01333333	0.02500000	0.00000000	0.00000000	0.01408451
## 17	0.01298701	0.00000000	0.02777778	0.00000000	0.00000000	0.03571429
## 18	0.00000000	0.00000000	0.01666667	0.00000000	0.01408451	0.00000000
## 19	0.03125000	0.00000000	0.01351351	0.01428571	0.01724138	0.03076923
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000
## 21	0.00000000	0.00000000	0.14516129	0.00000000	0.00000000	0.02857143
## 22	0.00000000	0.00000000	0.09523810	0.00000000	0.00000000	0.00000000
## 23	0.01333333	0.00000000	0.05479452	0.00000000	0.00000000	0.01449275
## 24	0.00000000	0.00000000	0.03333333	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.01587302	0.05714286	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.05172414	0.00000000	0.04918033	0.00000000	0.00000000	0.09615385
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 30	0.01562500	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000
## 31	0.00000000	0.00000000	0.01538462	0.00000000	0.01408451	0.00000000
## 32	0.00000000	0.00000000	0.01492537	0.01428571	0.01428571	0.01612903
## 33	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.06060606	0.00000000	0.01639344	0.00000000
## 35	0.01612903	0.00000000	0.05000000	0.00000000	0.00000000	0.06060606
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.02439024	0.00000000	0.04545455	0.00000000	0.00000000	0.03030303
## 39	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.01515152
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.08955224	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.01449275	0.00000000	0.00000000	0.01538462
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000	0.01666667
## 47	0.00000000	0.00000000	0.04545455	0.00000000	0.00000000	0.01694915
## 48	0.02564103	0.00000000	0.18032787	0.00000000	0.00000000	0.01408451
## 49	0.00000000	0.00000000	0.03773585	0.00000000	0.00000000	0.00000000

## 50	0.01388889	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.09433962	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.02531646	0.00000000	0.01449275	0.00000000	0.00000000	0.04166667
## 54	0.00000000	0.00000000	0.05454545	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.02531646	0.00000000	0.02898551	0.00000000	0.00000000	0.01612903
## 57	0.01408451	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 58	0.00000000	0.00000000	0.01724138	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1537	1538	1539	1540	1541	1542
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.01587302	0.00000000	0.00000000	0.06849315	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000	0.01369863
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.01282051	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.01449275	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.0000000					



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[illegible]

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## 18	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.04347826	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.09756098	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.05405405	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.02500000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.03703704	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.09859155	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.04545455	0.00000000	0.00000000	0.00000000	0.00000000	0.03448276
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.07792208	0.00000000	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01587302
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.05333333	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.07792208	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.04878049	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.04285714	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.16901408	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.02816901	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.04225352	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 53	0.01333333	0.00000000	0.01234568	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.05714286	0.00000000	0.00000000	0.00000000
## 55	0.00000000	0.01538462	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.07042254	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1561	1562	1563	1564	1565	1566
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.00000000	0.02469136	0.00000000	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000

[illegible]

[illegible]

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## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03174603
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01538462
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03225806
## 57	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03076923
## 59	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1579	1580	1581	1582	1583	1584
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.01190476	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02777778
## 8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689
## 9	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.01538462
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.01538462	0.00000000	0.01515152
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03797468
## 13	0.00000000	0.00000000	0.01408451	0.01562500	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01136364	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.04761905	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333
## 19	0.00000000	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.02666667	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 21	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.07042254
## 24	0.00000000	0.00000000	0.00000000	0.05357143	0.00000000	0.02857143
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02857143
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02941176
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.02439024	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.01470588	0.01333333	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.02816901
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04838710
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.03225806	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04109589
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06666667



## 40	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04411765
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03125000
## 43	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06944444
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000	0.03030303
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000	0.04347826
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.05172414
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01639344
## 55	0.01492537	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.06060606
## 57	0.00000000	0.00000000	0.01204819	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.05084746	0.00000000	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01612903	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.01785714	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1585	1586	1587	1588	1589	1590
## 1	0.00000000	0.00000000	0.00000000	0.01587302	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.01149425	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 8	0.01250000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 9	0.00000000	0.01587302	0.03448276	0.01428571	0.00000000	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.01333333	0.01562500	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01724138
## 14	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.01250000	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.02777778	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.01282051	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.01315789	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.01538462	0.0186792	0.00000000	0.00000000	0.00000000
## 28	0.01136364	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.02985075	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

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## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.01694915	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01265823
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01298701	0.01449275	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.00000000	0.03508772	0.00000000
## 36	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01408451
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.03333333	0.01449275
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.06349206	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.00000000	0.01851852	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01428571
## 57	0.00000000	0.00000000	0.00000000	0.01298701	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.03389831	0.00000000
## 59	0.00000000	0.00000000	0.00000000	0.01587302	0.01388889	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.01886792	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1597	1598	1599	1600	1601	1602
## 1	0.00000000	0.01428571	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.04225352	0.00000000	0.00000000	0.00000000	0.09333333
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.01204819	0.00000000
## 4	0.00000000	0.06849315	0.00000000	0.00000000	0.00000000	0.02325581
## 5	0.00000000	0.04477612	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.08219178	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.10810811	0.00000000	0.00000000	0.00000000	0.09090909
## 8	0.00000000	0.05263158	0.00000000	0.00000000	0.00000000	0.10126582
## 9	0.00000000	0.09589041	0.00000000	0.01515152	0.00000000	0.04761905
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.02702703	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.09638554	0.00000000	0.00000000	0.00000000	0.01219512
## 13	0.00000000	0.00000000	0.00000000	0.03278689	0.01612903	0.00000000
## 14	0.00000000	0.06666667	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.01470588	0.00000000	0.00000000

## 16	0.00000000	0.08974359	0.00000000	0.00000000	0.00000000	0.00000000
## 17	0.00000000	0.09836066	0.00000000	0.00000000	0.00000000	0.00000000
## 18	0.00000000	0.05555556	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 21	0.00000000	0.12500000	0.00000000	0.00000000	0.00000000	0.18421053
## 22	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000
## 23	0.00000000	0.09210526	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.03174603	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.04615385	0.00000000	0.00000000	0.00000000	0.00000000
## 26	0.00000000	0.01470588	0.00000000	0.00000000	0.00000000	0.00000000
## 27	0.00000000	0.12328767	0.00000000	0.00000000	0.00000000	0.04838710
## 28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.01408451	0.00000000	0.00000000	0.00000000	0.00000000
## 34	0.00000000	0.04000000	0.00000000	0.00000000	0.00000000	0.02898551
## 35	0.00000000	0.03921569	0.00000000	0.00000000	0.00000000	0.04285714
## 36	0.00000000	0.00000000	0.00000000	0.01666667	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 38	0.00000000	0.11764706	0.00000000	0.00000000	0.00000000	0.01315789
## 39	0.00000000	0.06451613	0.00000000	0.00000000	0.00000000	0.06756757
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.12698413	0.00000000	0.00000000	0.00000000	0.05714286
## 42	0.00000000	0.08108108	0.00000000	0.00000000	0.00000000	0.02777778
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000
## 45	0.00000000	0.10810811	0.00000000	0.00000000	0.00000000	0.04615385
## 46	0.00000000	0.04166667	0.00000000	0.00000000	0.00000000	0.01315789
## 47	0.00000000	0.09836066	0.00000000	0.00000000	0.00000000	0.02739726
## 48	0.00000000	0.10666667	0.00000000	0.00000000	0.00000000	0.14705882
## 49	0.00000000	0.03125000	0.00000000	0.00000000	0.00000000	0.03030303
## 50	0.00000000	0.03278689	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.12500000	0.00000000	0.00000000	0.00000000	0.11267606
## 52	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.05172414	0.00000000	0.00000000	0.00000000	0.10526316
## 55	0.00000000	0.00000000	0.00000000	0.03076923	0.00000000	0.01408451
## 56	0.00000000	0.20289855	0.00000000	0.00000000	0.00000000	0.00000000
## 57	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.04918033
## 59	0.00000000	0.01408451	0.00000000	0.01351351	0.00000000	0.02666667
## 60	0.00000000	0.01639344	0.00000000	0.00000000	0.00000000	0.01562500
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	1603	1604	1605	1606	1607	1608
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.01149425	0.00000000	0.00000000
## 3	0.00000000	0.02739726	0.01428571	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.01265823	0.00000000	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 7	0.00000000	0.00000000	0.00000000	0.01176471	0.00000000	0.00000000

## 8	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000	0.00000000
## 9	0.00000000	0.00000000	0.00000000	0.01234568	0.01369863	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.03529412	0.00000000	0.00000000
## 13	0.00000000	0.00000000	0.01818182	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.04545455	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 16	0.01470588	0.00000000	0.00000000	0.10526316	0.00000000	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.04687500	0.01694915	0.00000000
## 19	0.00000000	0.01428571	0.01639344	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.06153846	0.01298701	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01351351	0.00000000
## 26	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.03030303	0.00000000	0.00000000
## 28	0.00000000	0.00000000	0.00000000	0.03225806	0.01538462	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 32	0.00000000	0.00000000	0.01754386	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.04687500	0.01298701	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.01562500	0.00000000	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.04347826	0.00000000	0.00000000
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.01449275
## 38	0.00000000	0.00000000	0.00000000	0.02739726	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.01515152	0.01470588	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.02631579	0.00000000	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000	0.00000000
## 43	0.00000000	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.01428571	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.03125000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 49	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.02666667	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 52	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 54	0.00000000	0.00000000	0.00000000	0.01388889	0.01538462	0.00000000
## 55	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 56	0.00000000	0.00000000	0.00000000	0.04166667	0.00000000	0.00000000
## 57	0.01369863	0.00000000	0.00000000	0.00000000	0.00000000	0.01515152
## 58	0.00000000	0.01470588	0.00000000	0.00000000	0.01587302	0.00000000
## 59	0.00000000	0.00000000	0.01351351	0.00000000	0.00000000	0.00000000
## 60	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 61	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

##	1609	1610	1611	1612	1613
## 1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 4	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 6	0.00000000	0.00000000	0.00000000	0.01190476	0.01250000
## 7	0.00000000	0.00000000	0.00000000	0.03703704	0.02469136
## 8	0.01612903	0.00000000	0.00000000	0.06493506	0.02564103
## 9	0.00000000	0.00000000	0.00000000	0.06451613	0.00000000
## 10	0.00000000	0.00000000	0.00000000	0.01449275	0.00000000
## 11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 13	0.01587302	0.00000000	0.00000000	0.00000000	0.00000000
## 14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 15	0.00000000	0.00000000	0.00000000	0.01136364	0.00000000
## 16	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 17	0.00000000	0.00000000	0.00000000	0.02857143	0.00000000
## 18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 21	0.00000000	0.00000000	0.00000000	0.01333333	0.00000000
## 22	0.00000000	0.00000000	0.00000000	0.01369863	0.00000000
## 23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 24	0.00000000	0.00000000	0.00000000	0.00000000	0.03278689
## 25	0.00000000	0.00000000	0.00000000	0.00000000	0.01282051
## 26	0.01818182	0.00000000	0.00000000	0.02777778	0.00000000
## 27	0.00000000	0.00000000	0.00000000	0.01515152	0.00000000
## 28	0.02857143	0.00000000	0.01250000	0.01219512	0.00000000
## 29	0.00000000	0.00000000	0.00000000	0.00000000	0.01333333
## 30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 31	0.00000000	0.00000000	0.00000000	0.01315789	0.00000000
## 32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 33	0.00000000	0.00000000	0.00000000	0.01282051	0.00000000
## 34	0.00000000	0.00000000	0.00000000	0.01492537	0.00000000
## 35	0.00000000	0.00000000	0.00000000	0.03448276	0.01562500
## 36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 37	0.00000000	0.01388889	0.00000000	0.00000000	0.00000000
## 38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 41	0.00000000	0.00000000	0.00000000	0.01408451	0.00000000
## 42	0.00000000	0.00000000	0.00000000	0.00000000	0.01315789
## 43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 48	0.00000000	0.00000000	0.00000000	0.04615385	0.01587302
## 49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 51	0.00000000	0.00000000	0.00000000	0.01639344	0.00000000
## 52	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
## 53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

```
54 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000
55 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000
56 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000
57 0.00000000 0.00000000 0.01428571 0.00000000 0.00000000
58 0.00000000 0.00000000 0.00000000 0.01428571 0.01492537
59 0.01818182 0.00000000 0.00000000 0.00000000 0.02816901
60 0.01923077 0.01639344 0.00000000 0.01470588 0.01587302
61 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000
[reached getOption("max.print") -- omitted 1552 rows]
```

```
rf$importance
```

##	%IncMSE	IncNodePurity
## ID	0.0034951999	8.3551135
## Program.Code	0.0020846221	4.0986007
## From.Grade	0.0129232686	11.9852563
## To.Grade	0.0029475794	4.3511397
## Group.State	0.0007774445	5.2362956
## Is.Non.Annual.	0.0482158885	30.0928842
## Days	0.0005139957	2.6812095
## Travel.Type	0.0001825101	0.8809528
## Departure.Date	0.0035271623	6.7946174
## Return.Date	0.0033031758	6.9260145
## Deposit.Date	0.0008687196	6.9980093
## Tuition	0.0034364140	8.1461515
## FRP.Active	0.0083057415	11.0652663
## FRP.Cancelled	0.0013498031	4.8223954
## FRP.Take.up.percent.	0.0014175975	8.0033686
## Early.RPL	0.0032532242	7.4688442
## Latest.RPL	0.0022284577	9.1764604
## Cancelled.Pax	0.0006613497	5.2351929
## Total.Discount.Pax	0.0043223463	4.8708087
## Initial.System.Date	0.0074704992	13.0135253
## Region	0.0010141430	3.3003886
## CRM.Segment	0.0008731814	3.3992523
## School.Type	0.0002390964	1.4929640
## Parent.Meeting.Flag	0.0002912884	0.5127472
## MDR.Low.Grade	0.0010783684	3.5641914
## MDR.High.Grade	0.0030097125	3.7296976
## Total.School.Enrollment	0.0048367326	10.1893258
## Income.Level	0.0010727444	6.7719363
## EZ.Pay.Take.Up.Rate	0.0008754071	7.0202207
## School.Sponsor	0.0004760370	0.8700106
## SPR.Product.Type	0.0006962060	1.1239645
## SPR.New.Existing	0.0272873174	21.6681420
## FPP	0.0179849969	13.8064609
## Total.Pax	0.0162231873	13.8384378
## SPR.Group.Revenue	0.0037641914	8.4665946
## NumberOfMeetingswithParents	0.0003980251	1.3710012
## FirstMeeting	0.0023493386	7.1041136
## LastMeeting	0.0031918057	7.0468656
## DifferenceTraveltoFirstMeeting	0.0030891013	6.9314191
## DifferenceTraveltoLastMeeting	0.0022567925	6.9155189
## SchoolGradeTypeLow	0.0011441591	1.3304166

## SchoolGradeTypeHigh	0.0024330318	2.2276169
## SchoolGradeType	0.0027058120	2.8755209
## DepartureMonth	0.0001997620	2.1044238
## GroupGradeTypeLow	0.0004820014	2.1875763
## GroupGradeTypeHigh	0.0010486938	1.6364793
## GroupGradeType	0.0012543616	3.5159121
## MajorProgramCode	0.0001898128	0.9563254
## SingleGradeTripFlag	0.0259439206	27.4784470
## FPP.to.School.enrollment	0.0060775882	10.2297102
## FPP.to.PAX	0.0037511991	7.8573279
## Num.of.Non_FPP.PAX	0.0039393294	5.1395415
## SchoolSizeIndicator	0.0011721502	2.5440327

```
importance(rf,type = 1)
```

##	%IncMSE
## ID	8.523692
## Program.Code	7.960908
## From.Grade	16.097197
## To.Grade	9.548901
## Group.State	3.085700
## Is.Non.Annual.	42.687700
## Days	3.188467
## Travel.Type	1.747063
## Departure.Date	9.001624
## Return.Date	8.551746
## Deposit.Date	3.319405
## Tuition	9.373195
## FRP.Active	12.371617
## FRP.Cancelled	6.121268
## FRP.Take.up.percent.	4.474830
## Early.RPL	9.031531
## Latest.RPL	7.233526
## Cancelled.Pax	2.928184
## Total.Discount.Pax	9.273977
## Initial.System.Date	15.339339
## Region	5.138738
## CRM.Segment	4.552584
## School.Type	1.978981
## Parent.Meeting.Flag	2.683588
## MDR.Low.Grade	5.165099
## MDR.High.Grade	10.037037
## Total.School.Enrollment	11.080759
## Income.Level	3.617490
## EZ.Pay.Take.Up.Rate	3.294436
## School.Sponsor	4.918602
## SPR.Product.Type	5.781349
## SPR.New.Existing	29.457930
## FPP	17.534762
## Total.Pax	16.954504
## SPR.Group.Revenue	10.868445
## NumberOfMeetingswithParents	2.891443
## FirstMeeting	6.870235
## LastMeeting	8.048882



```
DifferenceTraveltoFirstMeeting 8.992925
DifferenceTraveltoLastMeeting 7.243364
SchoolGradeTypeLow 5.980665
SchoolGradeTypeHigh 7.403235
SchoolGradeType 8.004063
DepartureMonth 1.152043
GroupGradeTypeLow 3.106820
GroupGradeTypeHigh 5.580780
GroupGradeType 6.074397
MajorProgramCode 1.669258
SingleGradeTripFlag 23.619785
FPP.to.School.enrollment 11.963120
FPP.to.PAX 9.750217
Num.of.Non_FPP.PAX 8.736455
SchoolSizeIndicator 4.740527
```

```
sort(importance(rf, type = 2)[,"IncNodePurity"], decreasing = T)
```

```
Is.Non.Annual. SingleGradeTripFlag
30.0928842 27.4784470
SPR.New.Existing Total.Pax
21.6681420 13.8384378
FPP Initial.System.Date
13.8064609 13.0135253
From.Grade FRP.Active
11.9852563 11.0652663
FPP.to.School.enrollment Total.School.Enrollment
10.2297102 10.1893258
Latest.RPL SPR.Group.Revenue
9.1764604 8.4665946
ID Tuition
8.3551135 8.1461515
FRP.Take.up.percent. FPP.to.PAX
8.0033686 7.8573279
Early.RPL FirstMeeting
7.4688442 7.1041136
LastMeeting EZ.Pay.Take.Up.Rate
7.0468656 7.0202207
Deposit.Date DifferenceTraveltoFirstMeeting
6.9980093 6.9314191
Return.Date DifferenceTraveltoLastMeeting
6.9260145 6.9155189
Departure.Date Income.Level
6.7946174 6.7719363
Group.State Cancelled.Pax
5.2362956 5.2351929
Num.of.Non_FPP.PAX Total.Discount.Pax
5.1395415 4.8708087
FRP.Cancelled To.Grade
4.8223954 4.3511397
Program.Code MDR.High.Grade
4.0986007 3.7296976
MDR.Low.Grade GroupGradeType
3.5641914 3.5159121
```

```
CRM.Segment Region
3.3992523 3.3003886
SchoolGradeType Days
2.8755209 2.6812095
SchoolSizeIndicator SchoolGradeTypeHigh
2.5440327 2.2276169
GroupGradeTypeLow DepartureMonth
2.1875763 2.1044238
GroupGradeTypeHigh School.Type
1.6364793 1.4929640
NumberOfMeetingswithParents SchoolGradeTypeLow
1.3710012 1.3304166
SPR.Product.Type MajorProgramCode
1.1239645 0.9563254
Travel.Type School.Sponsor
0.8809528 0.8700106
Parent.Meeting.Flag
0.5127472
```

#### *# Constructing Neural Network*

```
library(readxl)
library(nnet)
HW4 <- read_excel("C:/Users/Asus/Downloads/Casestudy2.xlsx",sheet = 3)
```

```
Warning: Expecting numeric in A2302 / R2302C1: got 'Data source: Company data
adjusted by author using unspecified constants.'
```

```
set.seed(123)
indx <- sample(2, nrow(HW4), replace = TRUE, prob = c(0.7, 0.3))
train <- HW4[indx == 1,]
test <- HW4[indx == 2,]
train_data_norm <- scale(train[,])
test_data_norm <- scale(test[,])

nn_model <- nnet(Retained.in.2012. ~ ., data = train_data_norm, size = 10, decay = 0.01, maxit = 1000, l
```

```
weights: 221
initial value 1900.093668
iter 10 value 1428.290972
iter 20 value 1320.013384
iter 30 value 1283.123345
iter 40 value 1266.503580
iter 50 value 1249.130278
iter 60 value 1239.306280
iter 70 value 1234.297053
iter 80 value 1230.442904
iter 90 value 1228.177907
iter 100 value 1226.152016
iter 110 value 1225.177058
iter 120 value 1224.580352
iter 130 value 1223.844592
iter 140 value 1222.950479
```

```
iter 150 value 1222.231417
iter 160 value 1221.374512
iter 170 value 1220.814891
iter 180 value 1220.268525
iter 190 value 1220.200494
iter 200 value 1220.174562
iter 210 value 1220.152100
iter 220 value 1220.130731
iter 230 value 1220.121929
iter 240 value 1220.119034
iter 250 value 1220.118152
iter 260 value 1220.117667
final value 1220.117473
converged
```

```
nn_predictions <- predict(nn_model, test_data_norm)
```

```
nn_predictions
```

```
[,1]
1 1.019566e-05
2 1.000000e+00
3 9.997857e-01
4 3.683691e-02
5 1.056704e-01
6 9.981933e-01
7 6.921125e-01
8 9.999852e-01
9 3.172345e-04
10 9.999990e-01
11 5.609446e-01
12 1.000000e+00
13 9.996546e-01
14 9.997678e-01
15 8.916447e-01
16 9.839733e-01
17 9.375991e-05
18 0.000000e+00
19 7.168832e-01
20 9.768290e-01
21 9.998970e-01
22 4.821085e-01
23 9.999793e-01
24 1.213422e-01
25 2.085168e-02
26 9.998359e-01
27 9.999943e-01
28 1.000000e+00
29 9.993758e-01
30 1.000000e+00
31 9.830363e-01
32 9.967695e-01
33 9.999433e-01
34 1.005693e-01
```

```
35 0.000000e+00
36 8.928722e-01
37 1.330449e-02
38 1.494183e-04
39 9.999962e-01
40 7.631822e-01
41 0.000000e+00
42 3.135581e-01
43 6.863933e-01
44 4.108456e-03
45 3.470777e-05
46 1.357878e-04
47 6.816748e-01
48 1.000000e+00
49 8.432446e-01
50 3.258417e-01
51 9.002179e-01
52 9.999994e-01
53 7.563920e-01
54 5.963217e-03
55 9.993838e-01
56 0.000000e+00
57 0.000000e+00
58 3.250119e-04
59 9.998820e-01
60 3.902087e-07
61 9.999715e-01
62 9.999607e-01
63 3.923765e-01
64 9.999633e-01
65 7.252475e-01
66 3.808620e-01
67 9.875065e-01
68 2.752768e-02
69 1.003592e-04
70 1.000000e+00
71 6.535349e-02
72 0.000000e+00
73 9.999742e-01
74 0.000000e+00
75 1.326231e-05
76 9.937084e-01
77 9.999345e-01
78 9.991059e-01
79 0.000000e+00
80 1.910449e-04
81 9.783647e-01
82 9.389741e-01
83 0.000000e+00
84 0.000000e+00
85 8.725482e-01
86 5.483004e-06
87 2.464343e-06
88 2.209941e-01
```

## 89 9.676089e-01  
## 90 9.999672e-01  
## 91 0.000000e+00  
## 92 2.193102e-01  
## 93 9.976320e-01  
## 94 4.948604e-02  
## 95 9.932506e-01  
## 96 9.659552e-01  
## 97 9.387661e-01  
## 98 9.999994e-01  
## 99 7.623219e-03  
## 100 2.366798e-02  
## 101 9.999938e-01  
## 102 1.605350e-05  
## 103 3.573959e-01  
## 104 3.177359e-02  
## 105 1.000000e+00  
## 106 3.552727e-01  
## 107 1.460958e-06  
## 108 9.972125e-01  
## 109 7.903495e-01  
## 110 0.000000e+00  
## 111 9.999984e-01  
## 112 1.799767e-04  
## 113 7.600707e-01  
## 114 2.211491e-01  
## 115 0.000000e+00  
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## 117 2.753211e-02  
## 118 9.999764e-01  
## 119 0.000000e+00  
## 120 3.726152e-07  
## 121 0.000000e+00  
## 122 3.415675e-01  
## 123 2.053734e-03  
## 124 8.747314e-01  
## 125 5.110714e-04  
## 126 5.315894e-04  
## 127 7.583957e-01  
## 128 1.205330e-02  
## 129 9.661787e-01  
## 130 9.860753e-01  
## 131 0.000000e+00  
## 132 0.000000e+00  
## 133 9.999992e-01  
## 134 3.887716e-01  
## 135 0.000000e+00  
## 136 3.724934e-01  
## 137 2.102152e-01  
## 138 0.000000e+00  
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## 140 9.074575e-05  
## 141 9.966714e-01  
## 142 9.695482e-01

## 143 7.705428e-04  
## 144 0.000000e+00  
## 145 9.997454e-01  
## 146 7.234805e-04  
## 147 0.000000e+00  
## 148 9.999851e-01  
## 149 9.999773e-01  
## 150 9.986384e-01  
## 151 9.982217e-01  
## 152 2.586741e-04  
## 153 3.489624e-01  
## 154 3.612513e-02  
## 155 9.999760e-01  
## 156 9.690054e-01  
## 157 9.998203e-01  
## 158 1.270808e-04  
## 159 1.033371e-02  
## 160 9.999626e-01  
## 161 7.165910e-01  
## 162 9.999754e-01  
## 163 5.080444e-02  
## 164 9.891911e-01  
## 165 9.965974e-01  
## 166 7.738040e-06  
## 167 9.999832e-01  
## 168 5.331396e-02  
## 169 9.999981e-01  
## 170 0.000000e+00  
## 171 2.774696e-01  
## 172 9.920634e-01  
## 173 9.999963e-01  
## 174 6.261647e-06  
## 175 9.999888e-01  
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## 179 9.928774e-01  
## 180 3.724371e-03  
## 181 6.004369e-03  
## 182 9.972626e-01  
## 183 0.000000e+00  
## 184 1.000000e+00  
## 185 9.999250e-01  
## 186 9.495570e-01  
## 187 9.714261e-01  
## 188 9.999748e-01  
## 189 9.994904e-01  
## 190 9.996350e-01  
## 191 3.147536e-06  
## 192 3.755552e-05  
## 193 9.999478e-01  
## 194 4.238323e-03  
## 195 0.000000e+00  
## 196 9.997256e-01

## 197 5.515261e-03  
## 198 1.281601e-01  
## 199 4.501412e-04  
## 200 1.128488e-02  
## 201 4.435386e-01  
## 202 0.000000e+00  
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## 204 9.918729e-01  
## 205 1.000000e+00  
## 206 8.343751e-01  
## 207 0.000000e+00  
## 208 9.680818e-01  
## 209 2.394301e-01  
## 210 9.996460e-01  
## 211 9.999769e-01  
## 212 8.594605e-01  
## 213 9.901674e-01  
## 214 0.000000e+00  
## 215 0.000000e+00  
## 216 9.983623e-01  
## 217 9.903981e-01  
## 218 1.106944e-05  
## 219 2.045556e-06  
## 220 0.000000e+00  
## 221 7.839064e-05  
## 222 9.998834e-01  
## 223 2.103430e-04  
## 224 9.974008e-01  
## 225 9.999263e-01  
## 226 1.747851e-05  
## 227 5.390639e-03  
## 228 9.999941e-01  
## 229 0.000000e+00  
## 230 1.691605e-02  
## 231 3.487812e-02  
## 232 0.000000e+00  
## 233 1.019094e-02  
## 234 9.999771e-01  
## 235 9.997578e-01  
## 236 9.983914e-01  
## 237 1.712013e-02  
## 238 0.000000e+00  
## 239 9.999988e-01  
## 240 9.940345e-01  
## 241 0.000000e+00  
## 242 0.000000e+00  
## 243 6.456053e-01  
## 244 0.000000e+00  
## 245 6.380599e-05  
## 246 9.997693e-01  
## 247 9.999747e-01  
## 248 9.992114e-01  
## 249 9.999713e-01  
## 250 3.133925e-03

## 251 9.441727e-01  
## 252 0.000000e+00  
## 253 0.000000e+00  
## 254 9.996214e-01  
## 255 9.928397e-01  
## 256 9.851790e-01  
## 257 9.999587e-01  
## 258 3.852432e-01  
## 259 2.859180e-03  
## 260 5.374270e-06  
## 261 0.000000e+00  
## 262 8.077801e-07  
## 263 6.478518e-06  
## 264 9.197856e-01  
## 265 9.997738e-01  
## 266 9.344528e-01  
## 267 9.983752e-01  
## 268 3.287007e-03  
## 269 9.995046e-01  
## 270 9.981933e-01  
## 271 9.349585e-02  
## 272 2.883003e-04  
## 273 1.516759e-06  
## 274 9.936776e-01  
## 275 6.409739e-06  
## 276 6.362302e-02  
## 277 9.671940e-01  
## 278 9.999990e-01  
## 279 9.988758e-01  
## 280 0.000000e+00  
## 281 9.999870e-01  
## 282 7.116313e-01  
## 283 9.999995e-01  
## 284 9.845225e-01  
## 285 2.459851e-06  
## 286 2.270170e-02  
## 287 9.999996e-01  
## 288 9.999749e-01  
## 289 1.000000e+00  
## 290 7.934363e-01  
## 291 0.000000e+00  
## 292 9.999870e-01  
## 293 0.000000e+00  
## 294 9.936913e-01  
## 295 9.998980e-01  
## 296 0.000000e+00  
## 297 5.617239e-05  
## 298 9.990747e-01  
## 299 0.000000e+00  
## 300 9.999972e-01  
## 301 9.949073e-01  
## 302 7.083577e-01  
## 303 9.996458e-01  
## 304 0.000000e+00



## 305 1.791897e-01  
## 306 9.994377e-01  
## 307 9.999786e-01  
## 308 9.991294e-01  
## 309 4.817226e-01  
## 310 9.808517e-01  
## 311 1.025875e-05  
## 312 0.000000e+00  
## 313 9.999976e-01  
## 314 9.999857e-01  
## 315 9.551459e-01  
## 316 9.907844e-01  
## 317 9.995794e-01  
## 318 0.000000e+00  
## 319 9.428725e-01  
## 320 9.969791e-01  
## 321 9.977633e-01  
## 322 9.999989e-01  
## 323 1.049273e-06  
## 324 1.000000e+00  
## 325 9.996872e-01  
## 326 0.000000e+00  
## 327 9.213726e-01  
## 328 0.000000e+00  
## 329 8.434103e-02  
## 330 9.853324e-01  
## 331 1.000000e+00  
## 332 0.000000e+00  
## 333 9.999993e-01  
## 334 4.335876e-06  
## 335 3.272167e-02  
## 336 0.000000e+00  
## 337 9.816207e-01  
## 338 9.999210e-01  
## 339 8.521721e-01  
## 340 9.996439e-01  
## 341 9.985912e-01  
## 342 0.000000e+00  
## 343 9.999781e-01  
## 344 9.994073e-01  
## 345 0.000000e+00  
## 346 9.997334e-01  
## 347 0.000000e+00  
## 348 9.998945e-01  
## 349 2.384659e-02  
## 350 9.956801e-01  
## 351 9.985341e-01  
## 352 1.289715e-03  
## 353 0.000000e+00  
## 354 9.887090e-01  
## 355 1.500767e-01  
## 356 6.984837e-01  
## 357 0.000000e+00  
## 358 9.698334e-01

## 359 9.993480e-01  
## 360 0.000000e+00  
## 361 9.999993e-01  
## 362 4.014481e-05  
## 363 2.715837e-01  
## 364 0.000000e+00  
## 365 1.000000e+00  
## 366 9.987488e-01  
## 367 6.672940e-05  
## 368 9.990809e-01  
## 369 1.000000e+00  
## 370 0.000000e+00  
## 371 8.878921e-01  
## 372 0.000000e+00  
## 373 9.297674e-01  
## 374 6.115491e-02  
## 375 1.000000e+00  
## 376 1.036123e-01  
## 377 1.000000e+00  
## 378 9.999810e-01  
## 379 7.628897e-05  
## 380 2.452813e-03  
## 381 2.482782e-03  
## 382 9.934041e-01  
## 383 1.000804e-05  
## 384 0.000000e+00  
## 385 0.000000e+00  
## 386 0.000000e+00  
## 387 9.998421e-01  
## 388 7.738268e-01  
## 389 2.836744e-03  
## 390 0.000000e+00  
## 391 4.493741e-03  
## 392 2.001886e-02  
## 393 9.654587e-01  
## 394 1.574954e-03  
## 395 8.245747e-01  
## 396 4.019019e-02  
## 397 0.000000e+00  
## 398 1.000000e+00  
## 399 9.999281e-01  
## 400 9.091074e-01  
## 401 4.748690e-05  
## 402 0.000000e+00  
## 403 6.283177e-06  
## 404 1.489826e-01  
## 405 0.000000e+00  
## 406 0.000000e+00  
## 407 9.996805e-01  
## 408 9.185054e-01  
## 409 1.913456e-02  
## 410 1.689713e-04  
## 411 8.914187e-01  
## 412 9.999714e-01

## 413 9.999906e-01  
## 414 9.101278e-01  
## 415 9.998352e-01  
## 416 9.894226e-01  
## 417 9.998532e-01  
## 418 0.000000e+00  
## 419 5.405329e-02  
## 420 9.996050e-01  
## 421 6.619155e-05  
## 422 0.000000e+00  
## 423 0.000000e+00  
## 424 0.000000e+00  
## 425 0.000000e+00  
## 426 9.341313e-01  
## 427 0.000000e+00  
## 428 9.999980e-01  
## 429 9.998453e-01  
## 430 4.913805e-02  
## 431 6.403733e-06  
## 432 9.999031e-01  
## 433 8.631567e-01  
## 434 1.614575e-02  
## 435 0.000000e+00  
## 436 1.785748e-03  
## 437 5.031316e-03  
## 438 0.000000e+00  
## 439 0.000000e+00  
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## 441 3.969902e-02  
## 442 3.317488e-01  
## 443 9.737354e-01  
## 444 0.000000e+00  
## 445 8.928370e-01  
## 446 3.359351e-03  
## 447 9.999992e-01  
## 448 8.467260e-01  
## 449 9.996036e-01  
## 450 1.680126e-02  
## 451 1.625867e-04  
## 452 0.000000e+00  
## 453 9.980907e-01  
## 454 3.471488e-01  
## 455 9.997366e-01  
## 456 9.621411e-01  
## 457 9.999302e-01  
## 458 9.996630e-01  
## 459 4.227878e-05  
## 460 0.000000e+00  
## 461 0.000000e+00  
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## 463 4.764603e-07  
## 464 6.251910e-01  
## 465 9.999994e-01  
## 466 9.970298e-01

## 467 0.000000e+00  
## 468 9.667463e-01  
## 469 9.993103e-01  
## 470 1.000000e+00  
## 471 1.528803e-02  
## 472 9.998115e-01  
## 473 7.738959e-01  
## 474 0.000000e+00  
## 475 6.726667e-04  
## 476 1.173678e-04  
## 477 3.621005e-05  
## 478 2.336934e-02  
## 479 9.999714e-01  
## 480 9.999951e-01  
## 481 3.445382e-05  
## 482 0.000000e+00  
## 483 1.703397e-01  
## 484 0.000000e+00  
## 485 0.000000e+00  
## 486 0.000000e+00  
## 487 0.000000e+00  
## 488 0.000000e+00  
## 489 0.000000e+00  
## 490 0.000000e+00  
## 491 9.999915e-01  
## 492 9.761442e-01  
## 493 0.000000e+00  
## 494 9.999757e-01  
## 495 4.595982e-04  
## 496 0.000000e+00  
## 497 8.216999e-01  
## 498 9.816072e-01  
## 499 3.881492e-03  
## 500 2.804226e-01  
## 501 0.000000e+00  
## 502 9.012165e-01  
## 503 0.000000e+00  
## 504 5.469358e-01  
## 505 9.648782e-05  
## 506 3.959897e-01  
## 507 7.778620e-07  
## 508 0.000000e+00  
## 509 3.826632e-05  
## 510 1.105857e-05  
## 511 7.608988e-06  
## 512 9.986604e-01  
## 513 9.811872e-01  
## 514 7.552324e-01  
## 515 9.993900e-01  
## 516 0.000000e+00  
## 517 0.000000e+00  
## 518 0.000000e+00  
## 519 1.769643e-04  
## 520 6.446171e-01

## 521 3.226185e-01  
## 522 0.000000e+00  
## 523 0.000000e+00  
## 524 0.000000e+00  
## 525 9.983533e-01  
## 526 4.699536e-03  
## 527 3.831209e-01  
## 528 0.000000e+00  
## 529 2.980939e-01  
## 530 2.799789e-03  
## 531 7.057354e-07  
## 532 2.730982e-04  
## 533 8.878070e-01  
## 534 0.000000e+00  
## 535 1.640875e-02  
## 536 9.411263e-05  
## 537 1.959409e-06  
## 538 0.000000e+00  
## 539 0.000000e+00  
## 540 3.444480e-07  
## 541 0.000000e+00  
## 542 1.962207e-04  
## 543 0.000000e+00  
## 544 0.000000e+00  
## 545 0.000000e+00  
## 546 1.917442e-01  
## 547 0.000000e+00  
## 548 6.576400e-06  
## 549 9.995962e-01  
## 550 1.768997e-01  
## 551 9.997200e-01  
## 552 7.989182e-01  
## 553 9.532267e-02  
## 554 1.457356e-05  
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## 556 0.000000e+00  
## 557 0.000000e+00  
## 558 2.729208e-01  
## 559 0.000000e+00  
## 560 9.903231e-02  
## 561 0.000000e+00  
## 562 0.000000e+00  
## 563 5.772014e-05  
## 564 0.000000e+00  
## 565 4.726571e-01  
## 566 1.000000e+00  
## 567 0.000000e+00  
## 568 9.869355e-01  
## 569 0.000000e+00  
## 570 1.000000e+00  
## 571 9.998538e-01  
## 572 9.998910e-01  
## 573 9.988226e-01  
## 574 0.000000e+00

## 575 1.922909e-03  
## 576 1.667772e-04  
## 577 9.999995e-01  
## 578 1.539786e-02  
## 579 6.482439e-05  
## 580 6.831447e-02  
## 581 2.896386e-01  
## 582 6.665658e-01  
## 583 1.014806e-05  
## 584 0.000000e+00  
## 585 1.000000e+00  
## 586 9.518061e-01  
## 587 7.080391e-05  
## 588 0.000000e+00  
## 589 9.999926e-01  
## 590 2.375222e-02  
## 591 1.673030e-03  
## 592 0.000000e+00  
## 593 0.000000e+00  
## 594 0.000000e+00  
## 595 2.943788e-02  
## 596 6.346528e-01  
## 597 0.000000e+00  
## 598 0.000000e+00  
## 599 9.999988e-01  
## 600 5.044657e-07  
## 601 0.000000e+00  
## 602 6.959501e-06  
## 603 5.286214e-02  
## 604 0.000000e+00  
## 605 0.000000e+00  
## 606 0.000000e+00  
## 607 9.995083e-01  
## 608 8.233911e-01  
## 609 9.995168e-01  
## 610 0.000000e+00  
## 611 9.999991e-01  
## 612 0.000000e+00  
## 613 9.999177e-01  
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## 616 9.998319e-01  
## 617 0.000000e+00  
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## 619 0.000000e+00  
## 620 5.959124e-01  
## 621 0.000000e+00  
## 622 0.000000e+00  
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## 626 1.648755e-06  
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## 628 1.000000e+00

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## 631 9.281883e-04  
## 632 0.000000e+00  
## 633 9.999995e-01  
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## 635 3.039621e-04  
## 636 0.000000e+00  
## 637 2.895658e-01  
## 638 0.000000e+00  
## 639 9.999807e-01  
## 640 0.000000e+00  
## 641 9.999966e-01  
## 642 1.000000e+00  
## 643 0.000000e+00  
## 644 0.000000e+00  
## 645 5.432832e-04  
## 646 0.000000e+00  
## 647 4.961751e-05  
## 648 3.300158e-07  
## 649 0.000000e+00  
## 650 8.833212e-02  
## 651 9.998997e-01  
## 652 5.196834e-06  
## 653 0.000000e+00  
## 654 0.000000e+00  
## 655 0.000000e+00  
## 656 1.175648e-04  
## 657 1.168179e-04  
## 658 0.000000e+00  
## 659 0.000000e+00  
## 660 0.000000e+00  
## 661 4.887183e-01  
## 662 0.000000e+00  
## 663 0.000000e+00  
## 664 6.153032e-01  
## 665 0.000000e+00  
## 666 0.000000e+00  
## 667 9.997842e-01  
## 668 2.744397e-05  
## 669 0.000000e+00  
## 670 0.000000e+00  
## 671 9.988993e-01  
## 672 4.513180e-01  
## 673 9.318044e-03  
## 674 0.000000e+00  
## 675 9.999633e-01  
## 676 3.398345e-07  
## 677 4.623431e-01  
## 678 0.000000e+00  
## 679 0.000000e+00  
## 680 4.111840e-03  
## 681 3.799984e-07  
## 682 0.000000e+00

```
683 6.268089e-03
684 NA
```

```
test <- test[-684,]
View(test)
actual_values <- test$Retained.in.2012.
mse <- mean((nn_predictions - actual_values)^2, na.rm = TRUE)
```

```
Warning in nn_predictions - actual_values: longer object length is not a
multiple of shorter object length
```

```
rmse <- sqrt(mse)
print(paste0("RMSE: ", rmse))
```

```
[1] "RMSE: 0.548743214158271"
```

```
#Constructing Logistics Regression
```

```
logiModel <- glm(Retained.in.2012. ~ ., data = train_data, family = "binomial")
```

```
Warning: glm.fit: fitted probabilities numerically 0 or 1 occurred
```

```
rd <- summary(logiModel)$deviance
pvalue <- 1-pchisq(rd,54)
pvalue
```

```
[1] 0
```

```
Pred_1 <- predict(logiModel, newdata = train_data, type = "response")
```

```
Warning in predict.lm(object, newdata, se.fit, scale = 1, type = if (type == :
prediction from a rank-deficient fit may be misleading
```

```
Pred_1
```

```
1 2 3 4 5 6
1.000000e+00 1.000000e+00 2.220446e-16 1.000000e+00 1.000000e+00 1.000000e+00
7 8 9 10 11 12
1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00
13 14 15 16 17 18
1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00
19 20 21 22 23 24
1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00 2.220446e-16
25 26 27 28 29 30
1.000000e+00 1.000000e+00 1.000000e+00 2.220446e-16 1.000000e+00 1.000000e+00
31 32 33 34 35 36
2.220446e-16 1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00 1.000000e+00
37 38 39 40 41 42
```



##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	43	44	45	46	47	48
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	49	50	51	52	53	54
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	55	56	57	58	59	60
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	61	62	63	64	65	66
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	67	68	69	70	71	72
##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	73	74	75	76	77	78
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	79	80	81	82	83	84
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	85	86	87	88	89	90
##	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	91	92	93	94	95	96
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	97	98	99	100	101	102
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16
##	103	104	105	106	107	108
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	109	110	111	112	113	114
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	115	116	117	118	119	120
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	121	122	123	124	125	126
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	127	128	129	130	131	132
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	133	134	135	136	137	138
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	139	140	141	142	143	144
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16
##	145	146	147	148	149	150
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	151	152	153	154	155	156
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	157	158	159	160	161	162
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	163	164	165	166	167	168
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	169	170	171	172	173	174
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	175	176	177	178	179	180
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	181	182	183	184	185	186
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16
##	187	188	189	190	191	192
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	193	194	195	196	197	198
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16
##	199	200	201	202	203	204

##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	205	206	207	208	209	210
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	211	212	213	214	215	216
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16
##	217	218	219	220	221	222
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	223	224	225	226	227	228
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	229	230	231	232	233	234
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	235	236	237	238	239	240
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	241	242	243	244	245	246
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	247	248	249	250	251	252
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	253	254	255	256	257	258
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	259	260	261	262	263	264
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	265	266	267	268	269	270
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16
##	271	272	273	274	275	276
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	277	278	279	280	281	282
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	283	284	285	286	287	288
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	289	290	291	292	293	294
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	295	296	297	298	299	300
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	301	302	303	304	305	306
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	307	308	309	310	311	312
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	313	314	315	316	317	318
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	319	320	321	322	323	324
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16
##	325	326	327	328	329	330
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	331	332	333	334	335	336
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	337	338	339	340	341	342
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	343	344	345	346	347	348
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	349	350	351	352	353	354
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	355	356	357	358	359	360
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	361	362	363	364	365	366

##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	367	368	369	370	371	372
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	373	374	375	376	377	378
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	379	380	381	382	383	384
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	385	386	387	388	389	390
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	391	392	393	394	395	396
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	397	398	399	400	401	402
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	403	404	405	406	407	408
##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	409	410	411	412	413	414
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	415	416	417	418	419	420
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	421	422	423	424	425	426
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	427	428	429	430	431	432
##	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	433	434	435	436	437	438
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	439	440	441	442	443	444
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	445	446	447	448	449	450
##	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	451	452	453	454	455	456
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	457	458	459	460	461	462
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	463	464	465	466	467	468
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	469	470	471	472	473	474
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	475	476	477	478	479	480
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	481	482	483	484	485	486
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	487	488	489	490	491	492
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	493	494	495	496	497	498
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	499	500	501	502	503	504
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	505	506	507	508	509	510
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	511	512	513	514	515	516
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	517	518	519	520	521	522
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	523	524	525	526	527	528

##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	529	530	531	532	533	534
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	535	536	537	538	539	540
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16
##	541	542	543	544	545	546
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16
##	547	548	549	550	551	552
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	553	554	555	556	557	558
##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16
##	559	560	561	562	563	564
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	565	566	567	568	569	570
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16
##	571	572	573	574	575	576
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	577	578	579	580	581	582
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	583	584	585	586	587	588
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	589	590	591	592	593	594
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	595	596	597	598	599	600
##	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	601	602	603	604	605	606
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	607	608	609	610	611	612
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16
##	613	614	615	616	617	618
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	619	620	621	622	623	624
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	625	626	627	628	629	630
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	631	632	633	634	635	636
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	637	638	639	640	641	642
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	643	644	645	646	647	648
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	649	650	651	652	653	654
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	655	656	657	658	659	660
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	661	662	663	664	665	666
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	667	668	669	670	671	672
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	673	674	675	676	677	678
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	679	680	681	682	683	684
##	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	685	686	687	688	689	690

##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	691	692	693	694	695	696
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	697	698	699	700	701	702
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	703	704	705	706	707	708
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	709	710	711	712	713	714
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	715	716	717	718	719	720
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	721	722	723	724	725	726
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	727	728	729	730	731	732
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	733	734	735	736	737	738
##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	739	740	741	742	743	744
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	745	746	747	748	749	750
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	751	752	753	754	755	756
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	757	758	759	760	761	762
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	763	764	765	766	767	768
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	769	770	771	772	773	774
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	775	776	777	778	779	780
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	781	782	783	784	785	786
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	787	788	789	790	791	792
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	793	794	795	796	797	798
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	799	800	801	802	803	804
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	805	806	807	808	809	810
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	811	812	813	814	815	816
##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	817	818	819	820	821	822
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	823	824	825	826	827	828
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	829	830	831	832	833	834
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	835	836	837	838	839	840
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	841	842	843	844	845	846
##	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	847	848	849	850	851	852

##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	853	854	855	856	857	858
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	859	860	861	862	863	864
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	865	866	867	868	869	870
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	871	872	873	874	875	876
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	877	878	879	880	881	882
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16
##	883	884	885	886	887	888
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	889	890	891	892	893	894
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	895	896	897	898	899	900
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	901	902	903	904	905	906
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	907	908	909	910	911	912
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	913	914	915	916	917	918
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16
##	919	920	921	922	923	924
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	925	926	927	928	929	930
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	931	932	933	934	935	936
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	937	938	939	940	941	942
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	943	944	945	946	947	948
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	949	950	951	952	953	954
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16
##	955	956	957	958	959	960
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16
##	961	962	963	964	965	966
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	967	968	969	970	971	972
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	973	974	975	976	977	978
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	979	980	981	982	983	984
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	985	986	987	988	989	990
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16
##	991	992	993	994	995	996
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	997	998	999	1000	1001	1002
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16
##	1003	1004	1005	1006	1007	1008
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	1009	1010	1011	1012	1013	1014

##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1015	1016	1017	1018	1019	1020
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16
##	1021	1022	1023	1024	1025	1026
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16
##	1027	1028	1029	1030	1031	1032
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	1033	1034	1035	1036	1037	1038
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	1039	1040	1041	1042	1043	1044
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	1045	1046	1047	1048	1049	1050
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1051	1052	1053	1054	1055	1056
##	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	1057	1058	1059	1060	1061	1062
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	1063	1064	1065	1066	1067	1068
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	1069	1070	1071	1072	1073	1074
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1075	1076	1077	1078	1079	1080
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	1081	1082	1083	1084	1085	1086
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	1087	1088	1089	1090	1091	1092
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	1093	1094	1095	1096	1097	1098
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	1099	1100	1101	1102	1103	1104
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	1105	1106	1107	1108	1109	1110
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	1111	1112	1113	1114	1115	1116
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16
##	1117	1118	1119	1120	1121	1122
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1123	1124	1125	1126	1127	1128
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16
##	1129	1130	1131	1132	1133	1134
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1135	1136	1137	1138	1139	1140
##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	1141	1142	1143	1144	1145	1146
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	1147	1148	1149	1150	1151	1152
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16
##	1153	1154	1155	1156	1157	1158
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16
##	1159	1160	1161	1162	1163	1164
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	1165	1166	1167	1168	1169	1170
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	1171	1172	1173	1174	1175	1176

##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	1177	1178	1179	1180	1181	1182
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	1183	1184	1185	1186	1187	1188
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1189	1190	1191	1192	1193	1194
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16
##	1195	1196	1197	1198	1199	1200
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	1201	1202	1203	1204	1205	1206
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	1207	1208	1209	1210	1211	1212
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	1213	1214	1215	1216	1217	1218
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	1219	1220	1221	1222	1223	1224
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1225	1226	1227	1228	1229	1230
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	1231	1232	1233	1234	1235	1236
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16
##	1237	1238	1239	1240	1241	1242
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1243	1244	1245	1246	1247	1248
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	1249	1250	1251	1252	1253	1254
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	1255	1256	1257	1258	1259	1260
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	1261	1262	1263	1264	1265	1266
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16
##	1267	1268	1269	1270	1271	1272
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	1273	1274	1275	1276	1277	1278
##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16
##	1279	1280	1281	1282	1283	1284
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	1285	1286	1287	1288	1289	1290
##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16
##	1291	1292	1293	1294	1295	1296
##	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	1297	1298	1299	1300	1301	1302
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	1303	1304	1305	1306	1307	1308
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	1309	1310	1311	1312	1313	1314
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	1315	1316	1317	1318	1319	1320
##	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	1321	1322	1323	1324	1325	1326
##	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	1327	1328	1329	1330	1331	1332
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16
##	1333	1334	1335	1336	1337	1338



##	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16
##	1339	1340	1341	1342	1343	1344
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	1345	1346	1347	1348	1349	1350
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	1351	1352	1353	1354	1355	1356
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	1357	1358	1359	1360	1361	1362
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	1363	1364	1365	1366	1367	1368
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	1369	1370	1371	1372	1373	1374
##	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00
##	1375	1376	1377	1378	1379	1380
##	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	1381	1382	1383	1384	1385	1386
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1387	1388	1389	1390	1391	1392
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	1393	1394	1395	1396	1397	1398
##	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	1399	1400	1401	1402	1403	1404
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16
##	1405	1406	1407	1408	1409	1410
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00
##	1411	1412	1413	1414	1415	1416
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	1417	1418	1419	1420	1421	1422
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	2.220446e-16
##	1423	1424	1425	1426	1427	1428
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16
##	1429	1430	1431	1432	1433	1434
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	1435	1436	1437	1438	1439	1440
##	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16
##	1441	1442	1443	1444	1445	1446
##	2.220446e-16	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	1447	1448	1449	1450	1451	1452
##	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00	1.000000e+00
##	1453	1454	1455	1456	1457	1458
##	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00
##	1459	1460	1461	1462	1463	1464
##	2.220446e-16	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	1465	1466	1467	1468	1469	1470
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00
##	1471	1472	1473	1474	1475	1476
##	1.000000e+00	1.000000e+00	1.000000e+00	2.220446e-16	1.000000e+00	1.000000e+00
##	1477	1478	1479	1480	1481	1482
##	1.000000e+00	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00	1.000000e+00
##	1483	1484	1485	1486	1487	1488
##	2.220446e-16	2.220446e-16	2.220446e-16	2.220446e-16	1.000000e+00	1.000000e+00
##	1489	1490	1491	1492	1493	1494
##	1.000000e+00	2.220446e-16	1.000000e+00	2.220446e-16	2.220446e-16	2.220446e-16
##	1495	1496	1497	1498	1499	1500

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1.000000e+00 2.220446e-16 1.000000e+00 2.220446e-16 1.000000e+00 2.220446e-16
1501 1502 1503 1504 1505 1506
2.220446e-16 2.220446e-16 2.220446e-16 2.220446e-16 1.000000e+00 1.000000e+00
1507 1508 1509 1510 1511 1512
1.000000e+00 2.220446e-16 2.220446e-16 1.000000e+00 2.220446e-16 1.000000e+00
1513 1514 1515 1516 1517 1518
2.220446e-16 2.220446e-16 2.220446e-16 1.000000e+00 1.000000e+00 1.000000e+00
1519 1520 1521 1522 1523 1524
1.000000e+00 2.220446e-16 1.000000e+00 2.220446e-16 2.220446e-16 2.220446e-16
1525 1526 1527 1528 1529 1530
1.000000e+00 2.220446e-16 2.220446e-16 2.220446e-16 2.220446e-16 2.220446e-16
1531 1532 1533 1534 1535 1536
1.000000e+00 2.220446e-16 1.000000e+00 2.220446e-16 2.220446e-16 1.000000e+00
1537 1538 1539 1540 1541 1542
2.220446e-16 2.220446e-16 2.220446e-16 2.220446e-16 2.220446e-16 2.220446e-16
1543 1544 1545 1546 1547 1548
2.220446e-16 2.220446e-16 1.000000e+00 2.220446e-16 1.000000e+00 2.220446e-16
1549 1550 1551 1552 1553 1554
2.220446e-16 2.220446e-16 1.000000e+00 2.220446e-16 2.220446e-16 2.220446e-16
1555 1556 1557 1558 1559 1560
1.000000e+00 2.220446e-16 1.000000e+00 2.220446e-16 2.220446e-16 2.220446e-16
1561 1562 1563 1564 1565 1566
2.220446e-16 1.000000e+00 2.220446e-16 2.220446e-16 1.000000e+00 1.000000e+00
1567 1568 1569 1570 1571 1572
2.220446e-16 2.220446e-16 2.220446e-16 1.000000e+00 1.000000e+00 2.220446e-16
1573 1574 1575 1576 1577 1578
2.220446e-16 2.220446e-16 2.220446e-16 1.000000e+00 2.220446e-16 1.000000e+00
1579 1580 1581 1582 1583 1584
1.000000e+00 2.220446e-16 2.220446e-16 1.000000e+00 1.000000e+00 1.000000e+00
1585 1586 1587 1588 1589 1590
2.220446e-16 2.220446e-16 1.000000e+00 2.220446e-16 2.220446e-16 2.220446e-16
1591 1592 1593 1594 1595 1596
2.220446e-16 1.000000e+00 2.220446e-16 1.000000e+00 2.220446e-16 2.220446e-16
1597 1598 1599 1600 1601 1602
1.000000e+00 2.220446e-16 2.220446e-16 2.220446e-16 2.220446e-16 1.000000e+00
1603 1604 1605 1606 1607 1608
2.220446e-16 2.220446e-16 2.220446e-16 1.000000e+00 1.000000e+00 2.220446e-16
1609 1610 1611 1612 1613
2.220446e-16 2.220446e-16 1.000000e+00 1.000000e+00 1.000000e+00
```

```
class <- as.factor(ifelse(Pred_1 >= 0.5 , "Yes", "No"))
class
```

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes No Yes Yes No Yes
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
Yes Yes Yes Yes Yes Yes Yes No Yes Yes No Yes Yes Yes Yes Yes
49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
Yes Yes Yes No Yes Yes Yes Yes No Yes Yes Yes No No Yes Yes
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
Yes Yes No Yes Yes No No Yes Yes No Yes Yes Yes Yes No Yes
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96
```

##	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
##	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
##	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes
##	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128
##	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	Yes	Yes	Yes
##	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
##	Yes	Yes	Yes	No	No	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	No	No
##	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
##	Yes	No	Yes	Yes	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
##	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176
##	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
##	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192
##	No	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	Yes	No	No	No	No
##	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208
##	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No	No	Yes	Yes	No	No	No
##	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224
##	No	No	No	No	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
##	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240
##	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
##	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256
##	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	No	No	No
##	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272
##	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes
##	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288
##	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
##	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304
##	Yes	Yes	Yes	No	No	Yes	No	No	No	No	No	No	Yes	No	No	Yes
##	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320
##	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
##	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336
##	Yes	No	Yes	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No
##	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352
##	Yes	Yes	No	No	No	No	Yes	Yes	No	No	No	Yes	Yes	No	Yes	Yes
##	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368
##	No	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No
##	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384
##	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes
##	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400
##	No	No	Yes	No	Yes	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	Yes
##	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416
##	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
##	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432
##	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No
##	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448
##	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
##	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464
##	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes
##	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480
##	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	Yes	No	Yes	Yes	Yes	Yes
##	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496
##	No	Yes	No	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	No
##	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512
##	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes
##	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528

##	Yes	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes
##	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544
##	Yes	Yes	No	Yes	No	Yes	No	Yes	No	No	Yes	No	Yes	No	No	Yes
##	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560
##	No	No	No	Yes	No	Yes	Yes	No	No	Yes	Yes	No	No	No	Yes	No
##	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576
##	No	No	No	Yes	Yes	Yes	No	No	Yes	No	No	Yes	No	Yes	No	Yes
##	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592
##	No	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
##	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608
##	No	Yes	No	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
##	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624
##	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
##	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640
##	No	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
##	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656
##	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
##	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672
##	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes
##	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688
##	Yes	Yes	Yes	Yes	No	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes
##	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704
##	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes
##	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720
##	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
##	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736
##	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	No
##	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752
##	No	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No
##	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768
##	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
##	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784
##	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes
##	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800
##	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	No
##	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816
##	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	No	No	Yes
##	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832
##	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
##	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848
##	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
##	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864
##	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes
##	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880
##	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
##	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896
##	Yes	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
##	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912
##	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
##	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928
##	No	Yes	Yes	Yes	No	No	No	No	Yes	No	Yes	Yes	No	Yes	No	No
##	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944
##	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
##	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960

##	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	No	No	Yes	No	No
##	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976
##	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No
##	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992
##	No	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
##	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008
##	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes
##	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024
##	No	No	Yes	Yes	Yes	No	No	Yes	No	No	Yes	No	Yes	No	No	Yes
##	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040
##	No	No	Yes	No	No	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	No	No
##	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056
##	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No
##	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072
##	Yes	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes
##	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088
##	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	No	No
##	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104
##	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
##	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120
##	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
##	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136
##	Yes	No	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	No	Yes
##	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152
##	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No
##	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168
##	Yes	No	Yes	No	No	No	Yes	No	Yes	No	Yes	Yes	No	Yes	No	No
##	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184
##	No	Yes	No	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes
##	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200
##	Yes	Yes	Yes	No	No	No	Yes	No	Yes	No	No	Yes	No	No	No	No
##	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216
##	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No
##	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232
##	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes
##	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248
##	No	No	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes	No	Yes
##	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264
##	No	Yes	No	No	No	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	No
##	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280
##	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
##	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296
##	No	No	No	Yes	No	Yes	Yes	No	No	No	No	No	No	Yes	No	Yes
##	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312
##	Yes	No	No	No	No	Yes	Yes	No	No	Yes	No	Yes	No	Yes	Yes	Yes
##	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328
##	Yes	Yes	No	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No
##	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344
##	Yes	No	No	No	Yes	Yes	No	Yes	No	No	No	No	Yes	No	Yes	Yes
##	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360
##	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No
##	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376
##	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	No	No
##	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392

```

Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes No Yes
1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408
No No Yes No Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes
1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424
No Yes No No No No No Yes No No No No No Yes No Yes Yes
1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440
Yes No Yes No Yes No No No Yes Yes Yes No No No No No
1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456
No Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No
1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472
No Yes No Yes No Yes Yes Yes Yes Yes Yes No No Yes Yes Yes
1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488
Yes No Yes Yes Yes No No Yes Yes Yes No No No No Yes Yes
1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500 1501 1502 1503 1504
Yes No Yes No No No Yes No Yes No Yes No No No No No
1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520
Yes Yes Yes No No Yes No Yes No No No No Yes Yes Yes Yes No
1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536
Yes No No No Yes No No No No No No Yes No Yes No No Yes
1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552
No No No No No No No No Yes No Yes No No No No Yes No
1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568
No No Yes No Yes No No No No Yes No No No Yes Yes No No
1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584
No Yes Yes No No No No Yes No Yes Yes No No Yes Yes Yes
1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600
No No Yes No No No No Yes No Yes No No No Yes No No No
1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613
No Yes No No No Yes Yes No No No Yes Yes Yes
Levels: No Yes

```

**\*\*Part 4 Interpreting the Outputs**

#So, here we are trying to evaluate our models that we have created:

#1. The Models can be evaluated using the confusion Matrix and Cross Validation Methods

## We have used Confusion Matrix to evaluate our models

```
library(readxl)
HW4 <- read_excel("C:/Users/rewar/Downloads/Casestudy1.xlsx",
 sheet = "Exhibit 1 -- Data")
```

```
Warning: Expecting numeric in A2301 / R2301C1: got 'Data source: Company data
adjusted by author using unspecified constants.'
```

```
View(HW4)
summary(HW4)
```

```
ID Program.Code From.Grade To.Grade
Min. : 1 Length:2300 Length:2300 Length:2300
1st Qu.: 598 Class :character Class :character Class :character
Median :1199 Mode :character Mode :character Mode :character
Mean :1197
3rd Qu.:1793
Max. :2389
NA's :3
Group.State Is.Non.Annual. Days Travel.Type
Length:2300 Min. :0.000 Min. : 1.000 Length:2300
Class :character 1st Qu.:0.000 1st Qu.: 4.000 Class :character
Mode :character Median :0.000 Median : 5.000 Mode :character
Mean :0.155 Mean : 4.575
3rd Qu.:0.000 3rd Qu.: 5.000
Max. :1.000 Max. :12.000
NA's :3 NA's :3
Departure.Date Return.Date
Min. :2011-01-14 00:00:00.00 Min. :2011-01-14 00:00:00.00
1st Qu.:2011-04-09 00:00:00.00 1st Qu.:2011-04-12 00:00:00.00
Median :2011-05-18 00:00:00.00 Median :2011-05-20 00:00:00.00
Mean :2011-05-07 21:32:40.64 Mean :2011-05-11 15:09:38.31
3rd Qu.:2011-06-07 00:00:00.00 3rd Qu.:2011-06-10 00:00:00.00
Max. :2011-06-30 00:00:00.00 Max. :2011-07-05 00:00:00.00
NA's :3 NA's :3
Deposit.Date Tuition FRP.Active
Min. :2009-09-25 00:00:00.0 Min. : 79 Min. : 0.00
1st Qu.:2010-10-15 00:00:00.0 1st Qu.:1174 1st Qu.: 6.00
Median :2010-10-26 00:00:00.0 Median :1704 Median : 13.00
Mean :2010-10-24 07:14:26.7 Mean :1616 Mean : 16.97
3rd Qu.:2010-11-04 00:00:00.0 3rd Qu.:2047 3rd Qu.: 23.00
Max. :2011-10-30 00:00:00.0 Max. :4200 Max. :257.00
NA's :3 NA's :3 NA's :3
FRP.Cancelled FRP.Take.up.percent. Early.RPL Latest.RPL
```

## Min. : 0.000	Min. :0.0000	Length:2300	Length:2300
## 1st Qu.: 1.000	1st Qu.:0.4620	Class :character	Class :character
## Median : 2.000	Median :0.6000	Mode :character	Mode :character
## Mean : 3.329	Mean :0.5751		
## 3rd Qu.: 4.000	3rd Qu.:0.7280		
## Max. :45.000	Max. :1.0000		
## NA's :3	NA's :3		
## Cancelled.Pax	Total.Discount.Pax	Initial.System.Date	Region
## Min. : 0.000	Min. : 0.000	Length:2300	Length:2300
## 1st Qu.: 2.000	1st Qu.: 1.000	Class :character	Class :character
## Median : 4.000	Median : 2.000	Mode :character	Mode :character
## Mean : 4.829	Mean : 2.965		
## 3rd Qu.: 6.000	3rd Qu.: 4.000		
## Max. :39.000	Max. :47.000		
## NA's :3	NA's :3		
## CRM.Segment	School.Type	Parent.Meeting.Flag	MDR.Low.Grade
## Min. : 1.000	Length:2300	Min. :0.0000	Length:2300
## 1st Qu.: 5.000	Class :character	1st Qu.:1.0000	Class :character
## Median : 6.000	Mode :character	Median :1.0000	Mode :character
## Mean : 6.942		Mean :0.8663	
## 3rd Qu.:10.000		3rd Qu.:1.0000	
## Max. :11.000		Max. :1.0000	
## NA's :3		NA's :3	
## MDR.High.Grade	Total.School.Enrollment	Income.Level	
## Length:2300	Min. : 19.0	Length:2300	
## Class :character	1st Qu.: 360.0	Class :character	
## Mode :character	Median : 597.0	Mode :character	
##	Mean : 648.6		
##	3rd Qu.: 826.0		
##	Max. :3990.0		
##	NA's :3		
## EZ.Pay.Take.Up.Rate	School.Sponsor	SPR.Product.Type	SPR.New.Existing
## Min. :0.000	Min. :0.0000	Length:2300	Length:2300
## 1st Qu.:0.103	1st Qu.:0.0000	Class :character	Class :character
## Median :0.200	Median :0.0000	Mode :character	Mode :character
## Mean :0.211	Mean :0.1049		
## 3rd Qu.:0.297	3rd Qu.:0.0000		
## Max. :1.750	Max. :1.0000		
## NA's :3	NA's :3		
## FPP	Total.Pax	SPR.Group.Revenue	
## Min. : 2.00	Min. : 2.00	Min. : 79	
## 1st Qu.: 12.00	1st Qu.: 14.00	1st Qu.:1174	
## Median : 23.00	Median : 25.00	Median :1704	
## Mean : 31.25	Mean : 34.22	Mean :1616	
## 3rd Qu.: 41.00	3rd Qu.: 44.00	3rd Qu.:2047	
## Max. :286.00	Max. :313.00	Max. :4200	
## NA's :3	NA's :3	NA's :3	
## NumberOfMeetingswithParents	FirstMeeting	LastMeeting	
## Min. :0.000	Length:2300	Length:2300	
## 1st Qu.:1.000	Class :character	Class :character	
## Median :1.000	Mode :character	Mode :character	
## Mean :1.111			
## 3rd Qu.:1.000			
## Max. :2.000			



```
NA's :3
DifferenceTraveltoFirstMeeting DifferenceTraveltoLastMeeting
Length:2300 Length:2300
Class :character Class :character
Mode :character Mode :character
##
##
##
SchoolGradeTypeLow SchoolGradeTypeHigh SchoolGradeType DepartureMonth
Length:2300 Length:2300 Length:2300 Length:2300
Class :character Class :character Class :character Class :character
Mode :character Mode :character Mode :character Mode :character
##
##
##
GroupGradeTypeLow GroupGradeTypeHigh GroupGradeType MajorProgramCode
Length:2300 Length:2300 Length:2300 Length:2300
Class :character Class :character Class :character Class :character
Mode :character Mode :character Mode :character Mode :character
##
##
##
SingleGradeTripFlag FPP.to.School.enrollment FPP.to.PAX
Min. :0.0000 Min. :0.0009221 Min. :0.6000
1st Qu.:0.0000 1st Qu.:0.0207715 1st Qu.:0.8824
Median :1.0000 Median :0.0452489 Median :0.9091
Mean :0.5577 Mean :0.0661290 Mean :0.9002
3rd Qu.:1.0000 3rd Qu.:0.0875000 3rd Qu.:0.9324
Max. :1.0000 Max. :2.0526316 Max. :1.0000
NA's :3 NA's :3 NA's :3
Num.of.Non_FPP.PAX SchoolSizeIndicator Retained.in.2012.
Min. : 0.000 Length:2300 Min. :0.0000
1st Qu.: 1.000 Class :character 1st Qu.:0.0000
Median : 2.000 Mode :character Median :1.0000
Mean : 2.965 Mean :0.6082
3rd Qu.: 4.000 3rd Qu.:1.0000
Max. :47.000 Max. :1.0000
NA's :3 NA's :3
```

```
sum(is.na(HW4))
```

```
[1] 166
```

```
sapply(HW4, function(x) sum(is.na(x)))
```

```
ID Program.Code
3 3
From.Grade To.Grade
3 3
Group.State Is.Non.Annual.
```

##	3	3
##	Days	Travel.Type
##	3	3
##	Departure.Date	Return.Date
##	3	3
##	Deposit.Date	Tuition
##	3	3
##	FRP.Active	FRP.Cancelled
##	3	3
##	FRP.Take.up.percent.	Early.RPL
##	3	3
##	Latest.RPL	Cancelled.Pax
##	3	3
##	Total.Discount.Pax	Initial.System.Date
##	3	3
##	Region	CRM.Segment
##	3	3
##	School.Type	Parent.Meeting.Flag
##	3	3
##	MDR.Low.Grade	MDR.High.Grade
##	7	3
##	Total.School.Enrollment	Income.Level
##	3	3
##	EZ.Pay.Take.Up.Rate	School.Sponsor
##	3	3
##	SPR.Product.Type	SPR.New.Existing
##	3	3
##	FPP	Total.Pax
##	3	3
##	SPR.Group.Revenue	NumberOfMeetingswithParents
##	3	3
##	FirstMeeting	LastMeeting
##	3	3
##	DifferenceTraveltoFirstMeeting	DifferenceTraveltoLastMeeting
##	3	3
##	SchoolGradeTypeLow	SchoolGradeTypeHigh
##	3	3
##	SchoolGradeType	DepartureMonth
##	3	3
##	GroupGradeTypeLow	GroupGradeTypeHigh
##	3	3
##	GroupGradeType	MajorProgramCode
##	3	3
##	SingleGradeTripFlag	FPP.to.School.enrollment
##	3	3
##	FPP.to.PAX	Num.of.Non_FPP.PAX
##	3	3
##	SchoolSizeIndicator	Retained.in.2012.
##	3	3

```
sum(is.na(HW4))
```

```
[1] 166
```

```
HW4 <- HW4[complete.cases(HW4),]
anyDuplicated(HW4)
```

```
[1] 0
```

```
HW4[,sapply(HW4, is.character)] <- lapply(HW4[sapply(HW4,is.character)], as.factor)
```

```
#So, here we are trying to evaluate our model
```

```
library(caret)
```

```
Loading required package: ggplot2
```

```
Loading required package: lattice
```

```
library(rpart)
```

```
library(rpart.plot)
```

```
set.seed(123)
```

```
indx <- sample(2,nrow(HW4), replace = T, prob = c(0.7,0.3))
```

```
test_data <- HW4[indx == 1,]
```

```
train_data <- HW4[indx == 2,]
```

```
Dt_model <- rpart(Retained.in.2012. ~ ., data = test_data, method = "class", control = rpart.control(mini = 0.01))
```

```
tree_Testpred_class <- predict(Dt_model, newdata = test_data, type="class")
```

```
tree_Testpred_class_error <- mean(tree_Testpred_class != test_data$Retained.in.2012.)
```

```
library(e1071)
```

```
nb <- naiveBayes(Retained.in.2012. ~ ., data = test_data, laplace = 1)
```

```
print(nb)
```

```
##
```

```
Naive Bayes Classifier for Discrete Predictors
```

```
##
```

```
Call:
```

```
naiveBayes.default(x = X, y = Y, laplace = laplace)
```

```
##
```

```
A-priori probabilities:
```

```
Y
```

```
0 1
```

```
0.3933002 0.6066998
```

```
##
```

```
Conditional probabilities:
```

```
ID
```

```
Y [,1] [,2]
```

```
0 1312.767 703.5945
```

```
1 1118.190 671.7426
```

```
##
```

```
Program.Code
```

```

Y CC CD CN CVP HC
0 0.0030257186 0.0393343419 0.0030257186 0.0045385779 0.0953101362
1 0.0099502488 0.0527363184 0.0029850746 0.0009950249 0.1213930348
Program.Code
Y HD HF HG HH HIS
0 0.5506807867 0.0030257186 0.0060514372 0.0060514372 0.0030257186
1 0.6089552239 0.0049751244 0.0109452736 0.0009950249 0.0019900498
Program.Code
Y HN HO HP HS HVP
0 0.0393343419 0.0075642965 0.0015128593 0.0484114977 0.0332829047
1 0.0189054726 0.0039800995 0.0029850746 0.0606965174 0.0159203980
Program.Code
Y HW HX HY HZ IC
0 0.0060514372 0.0030257186 0.0045385779 0.0015128593 0.0136157337
1 0.0039800995 0.0019900498 0.0039800995 0.0059701493 0.0019900498
Program.Code
Y IK SC SD SG SK
0 0.0030257186 0.0363086233 0.0075642965 0.0060514372 0.0468986384
1 0.0009950249 0.0079601990 0.0009950249 0.0159203980 0.0218905473
Program.Code
Y SM ST
0 0.0151285930 0.0121028744
1 0.0059701493 0.0099502488
##
From.Grade
Y 10 11 12 3 4 5
0 0.024806202 0.024806202 0.009302326 0.006201550 0.049612403 0.052713178
1 0.004044489 0.011122346 0.002022245 0.002022245 0.075834176 0.036400404
From.Grade
Y 6 7 8 9 NA
0 0.159689922 0.339534884 0.232558140 0.054263566 0.046511628
1 0.053589484 0.146612740 0.614762386 0.014155713 0.039433771
##
To.Grade
Y 10 11 12 3 4 5
0 0.007751938 0.018604651 0.110077519 0.001550388 0.035658915 0.026356589
1 0.005055612 0.007077856 0.018200202 0.002022245 0.069767442 0.029322548
To.Grade
Y 6 7 8 9 NA
0 0.031007752 0.024806202 0.631007752 0.058914729 0.054263566
1 0.021233569 0.034378160 0.738119312 0.025278059 0.049544995
##
Group.State
Y AK AL AR AZ CA CO
0 0.002932551 0.010263930 0.004398827 0.016129032 0.244868035 0.049853372
1 0.002923977 0.011695906 0.004873294 0.019493177 0.318713450 0.036062378
Group.State
Y CT FL GA HI IA ID
0 0.002932551 0.017595308 0.010263930 0.004398827 0.021994135 0.013196481
1 0.006822612 0.030214425 0.004873294 0.005847953 0.012670565 0.001949318
Group.State
Y IL IN KS KY LA MA
0 0.026392962 0.024926686 0.013196481 0.011730205 0.013196481 0.010263930
1 0.047758285 0.016569201 0.011695906 0.004873294 0.009746589 0.015594542

```

```

Group.State
Y MD ME MI MN MO MS
0 0.013196481 0.004398827 0.019061584 0.023460411 0.013196481 0.002932551
1 0.003898635 0.002923977 0.038011696 0.018518519 0.016569201 0.004873294
Group.State
Y MT NC ND NE NH NJ
0 0.004398827 0.008797654 0.002932551 0.026392962 0.001466276 0.004398827
1 0.001949318 0.005847953 0.002923977 0.017543860 0.005847953 0.001949318
Group.State
Y NM NV NY OH OK OR
0 0.005865103 0.008797654 0.010263930 0.026392962 0.014662757 0.029325513
1 0.011695906 0.006822612 0.009746589 0.022417154 0.013645224 0.016569201
Group.State
Y PA RI SC SD TN TX
0 0.005865103 0.001466276 0.010263930 0.005865103 0.013196481 0.129032258
1 0.001949318 0.001949318 0.003898635 0.004873294 0.019493177 0.117933723
Group.State
Y UT VA VT WA WI WY
0 0.005865103 0.004398827 0.001466276 0.087976540 0.013196481 0.002932551
1 0.002923977 0.010721248 0.001949318 0.046783626 0.021442495 0.001949318
##
Is.Non.Annual.
Y [,1] [,2]
0 0.3485804 0.4768971
1 0.0398773 0.1957710
##
Days
Y [,1] [,2]
0 4.632492 1.422773
1 4.546012 1.450101
##
Travel.Type
Y A B N T
0 0.877742947 0.115987461 0.003134796 0.003134796
1 0.831975560 0.163951120 0.001018330 0.003054990
##
Departure.Date
Y 2011-01-14 2011-01-15 2011-01-18 2011-01-29 2011-02-07 2011-02-12
0 0.001577287 0.001577287 0.003154574 0.001577287 0.001577287 0.001577287
1 0.002044990 0.002044990 0.001022495 0.002044990 0.003067485 0.002044990
Departure.Date
Y 2011-02-15 2011-02-16 2011-02-17 2011-02-18 2011-02-19 2011-02-20
0 0.001577287 0.001577287 0.001577287 0.001577287 0.001577287 0.003154574
1 0.004089980 0.004089980 0.003067485 0.003067485 0.007157464 0.003067485
Departure.Date
Y 2011-02-21 2011-02-22 2011-02-23 2011-02-24 2011-02-26 2011-03-01
0 0.003154574 0.003154574 0.001577287 0.001577287 0.001577287 0.001577287
1 0.002044990 0.003067485 0.004089980 0.002044990 0.003067485 0.003067485
Departure.Date
Y 2011-03-02 2011-03-03 2011-03-04 2011-03-06 2011-03-07 2011-03-08
0 0.003154574 0.003154574 0.001577287 0.001577287 0.003154574 0.003154574
1 0.002044990 0.002044990 0.005112474 0.005112474 0.005112474 0.003067485
Departure.Date
Y 2011-03-09 2011-03-10 2011-03-11 2011-03-12 2011-03-13 2011-03-14

```

```

0 0.003154574 0.004731861 0.006309148 0.011041009 0.012618297 0.006309148
1 0.002044990 0.006134969 0.005112474 0.017382413 0.017382413 0.009202454
Departure.Date
Y 2011-03-15 2011-03-16 2011-03-17 2011-03-18 2011-03-19 2011-03-20
0 0.014195584 0.009463722 0.001577287 0.003154574 0.011041009 0.017350158
1 0.010224949 0.003067485 0.004089980 0.006134969 0.016359918 0.005112474
Departure.Date
Y 2011-03-21 2011-03-22 2011-03-23 2011-03-24 2011-03-25 2011-03-26
0 0.017350158 0.004731861 0.001577287 0.004731861 0.003154574 0.017350158
1 0.006134969 0.005112474 0.008179959 0.003067485 0.003067485 0.018404908
Departure.Date
Y 2011-03-27 2011-03-28 2011-03-29 2011-03-30 2011-03-31 2011-04-01
0 0.004731861 0.007886435 0.003154574 0.007886435 0.011041009 0.006309148
1 0.007157464 0.011247444 0.007157464 0.003067485 0.004089980 0.012269939
Departure.Date
Y 2011-04-02 2011-04-03 2011-04-04 2011-04-05 2011-04-06 2011-04-07
0 0.015772871 0.015772871 0.012618297 0.004731861 0.006309148 0.003154574
1 0.011247444 0.010224949 0.016359918 0.004089980 0.003067485 0.003067485
Departure.Date
Y 2011-04-08 2011-04-09 2011-04-10 2011-04-11 2011-04-12 2011-04-13
0 0.009463722 0.006309148 0.007886435 0.006309148 0.006309148 0.003154574
1 0.010224949 0.014314928 0.010224949 0.009202454 0.006134969 0.006134969
Departure.Date
Y 2011-04-14 2011-04-15 2011-04-16 2011-04-17 2011-04-18 2011-04-19
0 0.003154574 0.011041009 0.015772871 0.009463722 0.028391167 0.011041009
1 0.009202454 0.006134969 0.013292434 0.012269939 0.015337423 0.006134969
Departure.Date
Y 2011-04-20 2011-04-21 2011-04-22 2011-04-23 2011-04-24 2011-04-25
0 0.004731861 0.006309148 0.003154574 0.003154574 0.009463722 0.014195584
1 0.002044990 0.004089980 0.001022495 0.002044990 0.007157464 0.021472393
Departure.Date
Y 2011-04-26 2011-04-27 2011-04-28 2011-04-29 2011-04-30 2011-05-01
0 0.014195584 0.004731861 0.001577287 0.003154574 0.006309148 0.004731861
1 0.015337423 0.005112474 0.009202454 0.005112474 0.006134969 0.010224949
Departure.Date
Y 2011-05-02 2011-05-03 2011-05-04 2011-05-05 2011-05-06 2011-05-07
0 0.012618297 0.003154574 0.003154574 0.006309148 0.003154574 0.003154574
1 0.010224949 0.010224949 0.007157464 0.009202454 0.009202454 0.004089980
Departure.Date
Y 2011-05-08 2011-05-09 2011-05-10 2011-05-11 2011-05-12 2011-05-13
0 0.004731861 0.009463722 0.006309148 0.004731861 0.004731861 0.001577287
1 0.004089980 0.010224949 0.010224949 0.005112474 0.011247444 0.002044990
Departure.Date
Y 2011-05-14 2011-05-15 2011-05-16 2011-05-17 2011-05-18 2011-05-19
0 0.004731861 0.001577287 0.006309148 0.006309148 0.012618297 0.004731861
1 0.004089980 0.007157464 0.010224949 0.006134969 0.013292434 0.008179959
Departure.Date
Y 2011-05-20 2011-05-21 2011-05-22 2011-05-23 2011-05-24 2011-05-25
0 0.003154574 0.006309148 0.001577287 0.003154574 0.007886435 0.009463722
1 0.004089980 0.007157464 0.004089980 0.010224949 0.013292434 0.008179959
Departure.Date
Y 2011-05-26 2011-05-27 2011-05-28 2011-05-29 2011-05-30 2011-05-31
0 0.006309148 0.004731861 0.012618297 0.011041009 0.011041009 0.031545741
1 0.009202454 0.005112474 0.010224949 0.008179959 0.016359918 0.033742331

```

```

Departure.Date
Y 2011-06-01 2011-06-02 2011-06-03 2011-06-04 2011-06-05 2011-06-06
0 0.033123028 0.017350158 0.009463722 0.012618297 0.014195584 0.037854890
1 0.020449898 0.006134969 0.011247444 0.013292434 0.020449898 0.023517382
Departure.Date
Y 2011-06-07 2011-06-08 2011-06-09 2011-06-10 2011-06-11 2011-06-12
0 0.066246057 0.020504732 0.020504732 0.007886435 0.022082019 0.018927445
1 0.049079755 0.012269939 0.005112474 0.006134969 0.016359918 0.019427403
Departure.Date
Y 2011-06-13 2011-06-14 2011-06-15 2011-06-16 2011-06-17 2011-06-18
0 0.020504732 0.041009464 0.014195584 0.011041009 0.003154574 0.012618297
1 0.020449898 0.028629857 0.006134969 0.007157464 0.008179959 0.009202454
Departure.Date
Y 2011-06-19 2011-06-20 2011-06-21 2011-06-22 2011-06-23 2011-06-24
0 0.023659306 0.020504732 0.022082019 0.014195584 0.011041009 0.003154574
1 0.012269939 0.006134969 0.008179959 0.007157464 0.008179959 0.004089980
Departure.Date
Y 2011-06-25 2011-06-26 2011-06-27 2011-06-28 2011-06-30
0 0.012618297 0.004731861 0.014195584 0.003154574 0.001577287
1 0.005112474 0.002044990 0.005112474 0.001022495 0.002044990
##
Return.Date
Y 2011-01-14 2011-01-17 2011-01-23 2011-02-05 2011-02-10 2011-02-17
0 0.001577287 0.001577287 0.003154574 0.001577287 0.001577287 0.001577287
1 0.002044990 0.002044990 0.001022495 0.002044990 0.003067485 0.002044990
Return.Date
Y 2011-02-19 2011-02-20 2011-02-21 2011-02-22 2011-02-24 2011-02-25
0 0.001577287 0.001577287 0.001577287 0.001577287 0.001577287 0.004731861
1 0.005112474 0.003067485 0.006134969 0.004089980 0.004089980 0.004089980
Return.Date
Y 2011-02-26 2011-02-27 2011-02-28 2011-03-04 2011-03-05 2011-03-06
0 0.003154574 0.001577287 0.001577287 0.003154574 0.001577287 0.001577287
1 0.005112474 0.002044990 0.002044990 0.004089980 0.003067485 0.002044990
Return.Date
Y 2011-03-07 2011-03-10 2011-03-11 2011-03-12 2011-03-13 2011-03-14
0 0.003154574 0.003154574 0.003154574 0.004731861 0.001577287 0.004731861
1 0.003067485 0.002044990 0.009202454 0.004089980 0.004089980 0.003067485
Return.Date
Y 2011-03-15 2011-03-16 2011-03-17 2011-03-18 2011-03-19 2011-03-20
0 0.004731861 0.017350158 0.011041009 0.007886435 0.009463722 0.009463722
1 0.008179959 0.012269939 0.013292434 0.017382413 0.007157464 0.007157464
Return.Date
Y 2011-03-21 2011-03-22 2011-03-23 2011-03-24 2011-03-25 2011-03-26
0 0.001577287 0.007886435 0.003154574 0.014195584 0.023659306 0.001577287
1 0.002044990 0.006134969 0.008179959 0.010224949 0.013292434 0.006134969
Return.Date
Y 2011-03-27 2011-03-28 2011-03-29 2011-03-30 2011-03-31 2011-04-01
0 0.003154574 0.004731861 0.004731861 0.011041009 0.004731861 0.011041009
1 0.005112474 0.003067485 0.008179959 0.009202454 0.008179959 0.012269939
Return.Date
Y 2011-04-02 2011-04-03 2011-04-04 2011-04-05 2011-04-06 2011-04-07
0 0.012618297 0.011041009 0.003154574 0.003154574 0.014195584 0.014195584
1 0.007157464 0.004089980 0.001022495 0.004089980 0.011247444 0.012269939
Return.Date

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Y 2011-04-08 2011-04-09 2011-04-10 2011-04-11 2011-04-12 2011-04-13
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1 0.024539877 0.007157464 0.005112474 0.003067485 0.005112474 0.006134969
Return.Date
Y 2011-04-14 2011-04-15 2011-04-16 2011-04-17 2011-04-18 2011-04-19
0 0.003154574 0.015772871 0.004731861 0.009463722 0.003154574 0.007886435
1 0.007157464 0.019427403 0.009202454 0.007157464 0.005112474 0.006134969
Return.Date
Y 2011-04-20 2011-04-21 2011-04-22 2011-04-23 2011-04-24 2011-04-26
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1 0.007157464 0.013292434 0.023517382 0.006134969 0.002044990 0.002044990
Return.Date
Y 2011-04-28 2011-04-29 2011-04-30 2011-05-01 2011-05-02 2011-05-03
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1 0.002044990 0.028629857 0.019427403 0.005112474 0.006134969 0.002044990
Return.Date
Y 2011-05-04 2011-05-05 2011-05-06 2011-05-07 2011-05-08 2011-05-09
0 0.003154574 0.006309148 0.020504732 0.004731861 0.003154574 0.001577287
1 0.004089980 0.008179959 0.021472393 0.010224949 0.009202454 0.004089980
Return.Date
Y 2011-05-10 2011-05-11 2011-05-12 2011-05-13 2011-05-14 2011-05-15
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1 0.007157464 0.003067485 0.006134969 0.023517382 0.006134969 0.003067485
Return.Date
Y 2011-05-16 2011-05-17 2011-05-18 2011-05-19 2011-05-20 2011-05-21
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1 0.003067485 0.002044990 0.002044990 0.008179959 0.021472393 0.004089980
Return.Date
Y 2011-05-22 2011-05-23 2011-05-24 2011-05-25 2011-05-26 2011-05-27
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Return.Date
Y 2011-05-28 2011-05-29 2011-05-30 2011-05-31 2011-06-01 2011-06-02
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Return.Date
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1 0.034764826 0.022494888 0.017382413 0.003067485 0.009202454 0.013292434
Return.Date
Y 2011-06-09 2011-06-10 2011-06-11 2011-06-12 2011-06-13 2011-06-14
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Return.Date
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Return.Date
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Return.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
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Deposit.Date
Y 2011-03-11 2011-03-15 2011-04-15 2011-10-30
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1 0.001022495 0.001022495 0.001022495 0.001022495
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Tuition
Y [,1] [,2]
0 1702.479 640.5371
1 1571.228 633.0060
##
FRP.Active
Y [,1] [,2]
0 12.00000 11.38845
1 20.09202 19.62149
##
FRP.Cancelled
Y [,1] [,2]
0 3.074132 3.573537
1 3.512270 3.918352
##
FRP.Take.up.percent.
Y [,1] [,2]
0 0.5816830 0.2321058
1 0.5753988 0.2164177
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Early.RPL
Y 39920 39934 39961 39979 40079
0 0.0025839793 0.0025839793 0.0025839793 0.0025839793 0.0025839793
1 0.0008944544 0.0008944544 0.0008944544 0.0008944544 0.0008944544
Early.RPL
Y 40091 40092 40093 40105 40106
0 0.0025839793 0.0025839793 0.0025839793 0.0025839793 0.0012919897
1 0.0008944544 0.0008944544 0.0017889088 0.0008944544 0.0008944544
Early.RPL

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Y 40107 40109 40116 40122 40130
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1 0.0008944544 0.0008944544 0.0008944544 0.0008944544 0.0017889088
Early.RPL
Y 40154 40155 40156 40163 40199
0 0.0025839793 0.0025839793 0.0012919897 0.0012919897 0.0012919897
1 0.0008944544 0.0008944544 0.0017889088 0.0008944544 0.0008944544
Early.RPL
Y 40200 40203 40204 40205 40206
0 0.0064599483 0.0064599483 0.0116279070 0.0051679587 0.0038759690
1 0.0044722719 0.0089445438 0.0026833631 0.0035778175 0.0062611807
Early.RPL
Y 40207 40210 40211 40212 40213
0 0.0090439276 0.0077519380 0.0090439276 0.0090439276 0.0090439276
1 0.0071556351 0.0026833631 0.0035778175 0.0080500894 0.0134168157
Early.RPL
Y 40217 40218 40219 40220 40221
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1 0.0098389982 0.0062611807 0.0008944544 0.0169946333 0.0062611807
Early.RPL
Y 40224 40225 40226 40227 40228
0 0.0064599483 0.0064599483 0.0051679587 0.0129198966 0.0038759690
1 0.0080500894 0.0044722719 0.0044722719 0.0178890877 0.0062611807
Early.RPL
Y 40231 40232 40233 40234 40235
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1 0.0107334526 0.0017889088 0.0116279070 0.0143112701 0.0161001789
Early.RPL
Y 40238 40239 40240 40241 40242
0 0.0064599483 0.0012919897 0.0064599483 0.0103359173 0.0090439276
1 0.0169946333 0.0062611807 0.0143112701 0.0080500894 0.0098389982
Early.RPL
Y 40245 40246 40247 40248 40249
0 0.0090439276 0.0090439276 0.0142118863 0.0064599483 0.0064599483
1 0.0053667263 0.0053667263 0.0098389982 0.0080500894 0.0062611807
Early.RPL
Y 40252 40253 40254 40255 40256
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1 0.0134168157 0.0071556351 0.0071556351 0.0125223614 0.0098389982
Early.RPL
Y 40259 40260 40261 40262 40263
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Early.RPL
Y 40266 40267 40268 40269 40270
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Early.RPL
Y 40273 40274 40275 40276 40277
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1 0.0053667263 0.0053667263 0.0044722719 0.0026833631 0.0080500894
Early.RPL
Y 40280 40281 40282 40283 40284
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Early.RPL
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Early.RPL
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Early.RPL
Y 40301 40302 40303 40304 40305
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Early.RPL
Y 40308 40309 40310 40311 40312
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1 0.0062611807 0.0080500894 0.0062611807 0.0062611807 0.0062611807
Early.RPL
Y 40315 40316 40317 40318 40319
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1 0.0071556351 0.0053667263 0.0080500894 0.0044722719 0.0089445438
Early.RPL
Y 40322 40323 40324 40325 40326
0 0.0064599483 0.0064599483 0.0038759690 0.0077519380 0.0012919897
1 0.0017889088 0.0053667263 0.0017889088 0.0035778175 0.0008944544
Early.RPL
Y 40330 40331 40332 40333 40336
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Early.RPL
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Early.RPL
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Early.RPL
Y 40399 40400 40403 40407 40420
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Early.RPL
Y 40423 40428 40435 40437 40441
0 0.0012919897 0.0012919897 0.0025839793 0.0038759690 0.0012919897
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Early.RPL
Y 40452 40459 40465 40490 NA
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Latest.RPL
Y 39979 40045 40050 40065 40066
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1 0.0008410429 0.0008410429 0.0008410429 0.0008410429 0.0008410429

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Latest.RPL
Y 40092 40098 40105 40113 40116
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Latest.RPL
Y 40121 40122 40200 40203 40205
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Latest.RPL
Y 40206 40210 40211 40213 40217
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Latest.RPL
Y 40218 40220 40221 40224 40225
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Latest.RPL
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Latest.RPL
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Latest.RPL
Y 40248 40249 40252 40253 40254
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Latest.RPL
Y 40255 40256 40259 40260 40261
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Latest.RPL
Y 40262 40263 40266 40268 40269
0 0.0023668639 0.0035502959 0.0023668639 0.0011834320 0.0011834320
1 0.0008410429 0.0016820858 0.0016820858 0.0016820858 0.0008410429
Latest.RPL
Y 40270 40273 40275 40276 40280
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1 0.0008410429 0.0008410429 0.0016820858 0.0008410429 0.0008410429
Latest.RPL
Y 40281 40282 40283 40284 40287
0 0.0011834320 0.0011834320 0.0023668639 0.0023668639 0.0035502959
1 0.0025231287 0.0008410429 0.0008410429 0.0008410429 0.0016820858
Latest.RPL
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1 0.0016820858 0.0016820858 0.0008410429 0.0025231287 0.0016820858
Latest.RPL
Y 40295 40296 40297 40298 40301
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1 0.0025231287 0.0016820858 0.0016820858 0.0025231287 0.0016820858
Latest.RPL
Y 40302 40303 40304 40305 40308

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Latest.RPL
Y 40310 40311 40312 40317 40318
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Latest.RPL
Y 40319 40322 40323 40325 40326
0 0.0023668639 0.0035502959 0.0011834320 0.0035502959 0.0011834320
1 0.0025231287 0.0008410429 0.0025231287 0.0016820858 0.0008410429
Latest.RPL
Y 40330 40331 40333 40339 40340
0 0.0023668639 0.0023668639 0.0023668639 0.0011834320 0.0011834320
1 0.0008410429 0.0008410429 0.0008410429 0.0016820858 0.0016820858
Latest.RPL
Y 40344 40345 40350 40351 40360
0 0.0023668639 0.0023668639 0.0011834320 0.0011834320 0.0011834320
1 0.0016820858 0.0008410429 0.0008410429 0.0016820858 0.0016820858
Latest.RPL
Y 40361 40366 40367 40368 40372
0 0.0023668639 0.0023668639 0.0023668639 0.0035502959 0.0011834320
1 0.0008410429 0.0008410429 0.0008410429 0.0008410429 0.0016820858
Latest.RPL
Y 40373 40374 40375 40386 40389
0 0.0011834320 0.0011834320 0.0011834320 0.0011834320 0.0023668639
1 0.0016820858 0.0016820858 0.0008410429 0.0016820858 0.0008410429
Latest.RPL
Y 40392 40393 40394 40395 40396
0 0.0035502959 0.0035502959 0.0071005917 0.0047337278 0.0094674556
1 0.0008410429 0.0033641716 0.0100925147 0.0042052145 0.0100925147
Latest.RPL
Y 40399 40400 40401 40402 40403
0 0.0153846154 0.0082840237 0.0142011834 0.0071005917 0.0082840237
1 0.0185029437 0.0092514718 0.0142977292 0.0193439865 0.0176619008
Latest.RPL
Y 40406 40407 40408 40409 40410
0 0.0082840237 0.0153846154 0.0047337278 0.0224852071 0.0130177515
1 0.0227081581 0.0176619008 0.0042052145 0.0285954584 0.0386879731
Latest.RPL
Y 40411 40413 40414 40415 40416
0 0.0071005917 0.0284023669 0.0378698225 0.0224852071 0.0378698225
1 0.0042052145 0.0437342304 0.0311185870 0.0395290160 0.0513036165
Latest.RPL
Y 40417 40420 40421 40422 40423
0 0.0272189349 0.0402366864 0.0343195266 0.0307692308 0.0260355030
1 0.0328006728 0.0529857023 0.0336417157 0.0260723297 0.0218671152
Latest.RPL
Y 40424 40428 40429 40430 40431
0 0.0189349112 0.0106508876 0.0106508876 0.0153846154 0.0165680473
1 0.0176619008 0.0126156434 0.0100925147 0.0134566863 0.0193439865
Latest.RPL
Y 40434 40435 40436 40437 40438
0 0.0082840237 0.0118343195 0.0071005917 0.0201183432 0.0118343195
1 0.0109335576 0.0100925147 0.0126156434 0.0134566863 0.0092514718

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Latest.RPL
Y 40441 40442 40443 40444 40445
0 0.0094674556 0.0047337278 0.0059171598 0.0142011834 0.0094674556
1 0.0075693860 0.0067283431 0.0117746005 0.0058873003 0.0109335576
Latest.RPL
Y 40448 40449 40450 40451 40452
0 0.0082840237 0.0047337278 0.0059171598 0.0071005917 0.0035502959
1 0.0092514718 0.0025231287 0.0058873003 0.0058873003 0.0008410429
Latest.RPL
Y 40454 40455 40456 40457 40458
0 0.0023668639 0.0035502959 0.0059171598 0.0023668639 0.0047337278
1 0.0008410429 0.0033641716 0.0058873003 0.0025231287 0.0025231287
Latest.RPL
Y 40459 40462 40463 40464 40465
0 0.0059171598 0.0011834320 0.0047337278 0.0047337278 0.0023668639
1 0.0042052145 0.0025231287 0.0008410429 0.0008410429 0.0008410429
Latest.RPL
Y 40466 40469 40470 40471 40472
0 0.0059171598 0.0023668639 0.0011834320 0.0023668639 0.0047337278
1 0.0033641716 0.0008410429 0.0016820858 0.0008410429 0.0008410429
Latest.RPL
Y 40473 40476 40477 40478 40480
0 0.0023668639 0.0011834320 0.0023668639 0.0023668639 0.0023668639
1 0.0016820858 0.0025231287 0.0016820858 0.0033641716 0.0008410429
Latest.RPL
Y 40483 40484 40485 40486 40487
0 0.0035502959 0.0023668639 0.0047337278 0.0023668639 0.0023668639
1 0.0016820858 0.0016820858 0.0016820858 0.0016820858 0.0008410429
Latest.RPL
Y 40490 40491 40492 40494 40497
0 0.0011834320 0.0011834320 0.0011834320 0.0011834320 0.0047337278
1 0.0016820858 0.0008410429 0.0016820858 0.0025231287 0.0008410429
Latest.RPL
Y 40498 40500 40501 40504 40505
0 0.0023668639 0.0023668639 0.0023668639 0.0023668639 0.0023668639
1 0.0008410429 0.0008410429 0.0033641716 0.0008410429 0.0042052145
Latest.RPL
Y 40513 40514 40515 40518 40521
0 0.0011834320 0.0011834320 0.0023668639 0.0011834320 0.0011834320
1 0.0008410429 0.0016820858 0.0008410429 0.0016820858 0.0016820858
Latest.RPL
Y 40522 40526 40528 40529 40542
0 0.0023668639 0.0011834320 0.0011834320 0.0011834320 0.0011834320
1 0.0016820858 0.0008410429 0.0016820858 0.0016820858 0.0008410429
Latest.RPL
Y 40547 40548 40550 40553 40555
0 0.0011834320 0.0011834320 0.0023668639 0.0011834320 0.0011834320
1 0.0016820858 0.0008410429 0.0008410429 0.0008410429 0.0008410429
Latest.RPL
Y 40557 40561 40562 40567 40574
0 0.0011834320 0.0023668639 0.0011834320 0.0011834320 0.0023668639
1 0.0008410429 0.0008410429 0.0008410429 0.0016820858 0.0008410429
Latest.RPL
Y 40578 40585 40595 40599 40609

```

```

0 0.0011834320 0.0023668639 0.0011834320 0.0023668639 0.0023668639
1 0.0008410429 0.0008410429 0.0008410429 0.0008410429 0.0008410429
Latest.RPL
Y NA
0 0.0011834320
1 0.0067283431
##
Cancelled.Pax
Y [,1] [,2]
0 4.547319 4.595671
1 4.897751 4.784590
##
Total.Discount.Pax
Y [,1] [,2]
0 2.225552 1.932816
1 3.312883 2.864432
##
Initial.System.Date
Y 39920 39933 39961 39979 40049
0 0.0021739130 0.0021739130 0.0021739130 0.0021739130 0.0021739130
1 0.0007911392 0.0007911392 0.0007911392 0.0007911392 0.0007911392
Initial.System.Date
Y 40056 40059 40064 40065 40066
0 0.0021739130 0.0021739130 0.0021739130 0.0065217391 0.0021739130
1 0.0007911392 0.0007911392 0.0007911392 0.0007911392 0.0007911392
Initial.System.Date
Y 40067 40075 40079 40080 40087
0 0.0021739130 0.0010869565 0.0010869565 0.0021739130 0.0021739130
1 0.0007911392 0.0007911392 0.0007911392 0.0007911392 0.0007911392
Initial.System.Date
Y 40088 40089 40093 40094 40095
0 0.0021739130 0.0021739130 0.0021739130 0.0021739130 0.0010869565
1 0.0007911392 0.0007911392 0.0015822785 0.0007911392 0.0015822785
Initial.System.Date
Y 40103 40109 40116 40117 40123
0 0.0032608696 0.0010869565 0.0021739130 0.0032608696 0.0021739130
1 0.0007911392 0.0007911392 0.0015822785 0.0007911392 0.0007911392
Initial.System.Date
Y 40124 40129 40130 40131 40138
0 0.0010869565 0.0010869565 0.0010869565 0.0010869565 0.0021739130
1 0.0015822785 0.0015822785 0.0007911392 0.0007911392 0.0007911392
Initial.System.Date
Y 40148 40149 40151 40152 40155
0 0.0021739130 0.0010869565 0.0021739130 0.0021739130 0.0021739130
1 0.0007911392 0.0007911392 0.0007911392 0.0015822785 0.0007911392
Initial.System.Date
Y 40157 40164 40185 40187 40190
0 0.0010869565 0.0021739130 0.0021739130 0.0043478261 0.0021739130
1 0.0015822785 0.0007911392 0.0007911392 0.0007911392 0.0007911392
Initial.System.Date
Y 40192 40194 40197 40198 40199
0 0.0054347826 0.0021739130 0.0010869565 0.0043478261 0.0043478261
1 0.0007911392 0.0015822785 0.0015822785 0.0023734177 0.0055379747
Initial.System.Date

```



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Y 40200 40201 40204 40205 40206
0 0.0076086957 0.0010869565 0.0076086957 0.0130434783 0.0054347826
1 0.0087025316 0.0031645570 0.0071202532 0.0094936709 0.0079113924
Initial.System.Date
Y 40207 40208 40210 40211 40212
0 0.0054347826 0.0032608696 0.0010869565 0.0076086957 0.0054347826
1 0.0079113924 0.0047468354 0.0031645570 0.0063291139 0.0079113924
Initial.System.Date
Y 40213 40214 40215 40217 40218
0 0.0065217391 0.0065217391 0.0032608696 0.0021739130 0.0054347826
1 0.0079113924 0.0094936709 0.0031645570 0.0007911392 0.0031645570
Initial.System.Date
Y 40219 40220 40221 40222 40223
0 0.0032608696 0.0021739130 0.0065217391 0.0043478261 0.0032608696
1 0.0071202532 0.0118670886 0.0047468354 0.0063291139 0.0007911392
Initial.System.Date
Y 40225 40226 40227 40228 40229
0 0.0032608696 0.0032608696 0.0141304348 0.0021739130 0.0032608696
1 0.0023734177 0.0055379747 0.0181962025 0.0079113924 0.0102848101
Initial.System.Date
Y 40230 40232 40233 40234 40236
0 0.0021739130 0.0021739130 0.0032608696 0.0097826087 0.0119565217
1 0.0055379747 0.0063291139 0.0031645570 0.0102848101 0.0245253165
Initial.System.Date
Y 40237 40238 40239 40240 40241
0 0.0021739130 0.0010869565 0.0076086957 0.0086956522 0.0054347826
1 0.0007911392 0.0023734177 0.0126582278 0.0094936709 0.0063291139
Initial.System.Date
Y 40242 40243 40244 40245 40246
0 0.0054347826 0.0108695652 0.0010869565 0.0010869565 0.0076086957
1 0.0055379747 0.0063291139 0.0015822785 0.0015822785 0.0031645570
Initial.System.Date
Y 40247 40248 40249 40251 40252
0 0.0086956522 0.0021739130 0.0108695652 0.0032608696 0.0010869565
1 0.0079113924 0.0087025316 0.0071202532 0.0039556962 0.0055379747
Initial.System.Date
Y 40253 40254 40255 40256 40257
0 0.0043478261 0.0043478261 0.0065217391 0.0065217391 0.0065217391
1 0.0055379747 0.0134493671 0.0063291139 0.0142405063 0.0071202532
Initial.System.Date
Y 40259 40260 40261 40263 40264
0 0.0010869565 0.0076086957 0.0065217391 0.0130434783 0.0021739130
1 0.0023734177 0.0039556962 0.0087025316 0.0102848101 0.0063291139
Initial.System.Date
Y 40266 40267 40268 40269 40270
0 0.0021739130 0.0021739130 0.0021739130 0.0054347826 0.0108695652
1 0.0015822785 0.0071202532 0.0087025316 0.0055379747 0.0102848101
Initial.System.Date
Y 40271 40274 40275 40276 40277
0 0.0076086957 0.0097826087 0.0065217391 0.0065217391 0.0065217391
1 0.0047468354 0.0031645570 0.0047468354 0.0079113924 0.0047468354
Initial.System.Date
Y 40278 40279 40281 40282 40283
0 0.0054347826 0.0021739130 0.0043478261 0.0086956522 0.0076086957

```

```

1 0.0031645570 0.0015822785 0.0087025316 0.0181962025 0.0055379747
Initial.System.Date
Y 40284 40285 40286 40287 40288
0 0.0021739130 0.0065217391 0.0021739130 0.0010869565 0.0065217391
1 0.0134493671 0.0102848101 0.0039556962 0.0023734177 0.0063291139
Initial.System.Date
Y 40289 40290 40291 40292 40295
0 0.0065217391 0.0065217391 0.0054347826 0.0065217391 0.0043478261
1 0.0047468354 0.0126582278 0.0071202532 0.0055379747 0.0047468354
Initial.System.Date
Y 40296 40297 40298 40299 40301
0 0.0076086957 0.0043478261 0.0043478261 0.0043478261 0.0043478261
1 0.0071202532 0.0118670886 0.0094936709 0.0063291139 0.0039556962
Initial.System.Date
Y 40303 40304 40305 40306 40309
0 0.0065217391 0.0086956522 0.0032608696 0.0043478261 0.0065217391
1 0.0126582278 0.0063291139 0.0039556962 0.0071202532 0.0039556962
Initial.System.Date
Y 40310 40311 40312 40313 40315
0 0.0021739130 0.0054347826 0.0043478261 0.0065217391 0.0021739130
1 0.0079113924 0.0079113924 0.0055379747 0.0079113924 0.0007911392
Initial.System.Date
Y 40316 40317 40318 40319 40320
0 0.0043478261 0.0021739130 0.0054347826 0.0021739130 0.0054347826
1 0.0031645570 0.0039556962 0.0039556962 0.0071202532 0.0039556962
Initial.System.Date
Y 40323 40324 40325 40326 40327
0 0.0021739130 0.0043478261 0.0043478261 0.0021739130 0.0032608696
1 0.0055379747 0.0031645570 0.0023734177 0.0047468354 0.0031645570
Initial.System.Date
Y 40331 40332 40333 40334 40337
0 0.0032608696 0.0032608696 0.0010869565 0.0021739130 0.0021739130
1 0.0023734177 0.0015822785 0.0015822785 0.0007911392 0.0039556962
Initial.System.Date
Y 40338 40339 40340 40341 40342
0 0.0032608696 0.0010869565 0.0010869565 0.0010869565 0.0010869565
1 0.0015822785 0.0023734177 0.0015822785 0.0015822785 0.0023734177
Initial.System.Date
Y 40344 40345 40346 40347 40351
0 0.0010869565 0.0032608696 0.0021739130 0.0010869565 0.0010869565
1 0.0031645570 0.0023734177 0.0007911392 0.0023734177 0.0023734177
Initial.System.Date
Y 40352 40353 40354 40358 40359
0 0.0010869565 0.0010869565 0.0010869565 0.0010869565 0.0010869565
1 0.0015822785 0.0015822785 0.0023734177 0.0007911392 0.0015822785
Initial.System.Date
Y 40360 40361 40362 40366 40367
0 0.0021739130 0.0010869565 0.0021739130 0.0021739130 0.0032608696
1 0.0015822785 0.0023734177 0.0007911392 0.0007911392 0.0007911392
Initial.System.Date
Y 40368 40369 40372 40373 40374
0 0.0032608696 0.0021739130 0.0010869565 0.0010869565 0.0010869565
1 0.0007911392 0.0015822785 0.0047468354 0.0007911392 0.0031645570
Initial.System.Date

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Y 40375 40379 40382 40383 40386
0 0.0010869565 0.0010869565 0.0010869565 0.0010869565 0.0010869565
1 0.0007911392 0.0007911392 0.0015822785 0.0007911392 0.0007911392
Initial.System.Date
Y 40389 40390 40393 40394 40395
0 0.0021739130 0.0021739130 0.0021739130 0.0010869565 0.0010869565
1 0.0007911392 0.0007911392 0.0007911392 0.0023734177 0.0031645570
Initial.System.Date
Y 40396 40397 40400 40401 40402
0 0.0043478261 0.0010869565 0.0043478261 0.0021739130 0.0043478261
1 0.0015822785 0.0015822785 0.0023734177 0.0007911392 0.0015822785
Initial.System.Date
Y 40403 40404 40406 40407 40408
0 0.0032608696 0.0021739130 0.0032608696 0.0021739130 0.0065217391
1 0.0015822785 0.0047468354 0.0007911392 0.0047468354 0.0023734177
Initial.System.Date
Y 40409 40410 40411 40414 40415
0 0.0043478261 0.0010869565 0.0032608696 0.0043478261 0.0021739130
1 0.0031645570 0.0039556962 0.0055379747 0.0023734177 0.0039556962
Initial.System.Date
Y 40416 40417 40418 40421 40422
0 0.0076086957 0.0065217391 0.0086956522 0.0076086957 0.0043478261
1 0.0055379747 0.0055379747 0.0023734177 0.0047468354 0.0031645570
Initial.System.Date
Y 40423 40424 40425 40429 40430
0 0.0032608696 0.0086956522 0.0043478261 0.0032608696 0.0097826087
1 0.0007911392 0.0023734177 0.0039556962 0.0039556962 0.0039556962
Initial.System.Date
Y 40431 40432 40435 40436 40437
0 0.0076086957 0.0065217391 0.0043478261 0.0076086957 0.0021739130
1 0.0023734177 0.0039556962 0.0023734177 0.0031645570 0.0023734177
Initial.System.Date
Y 40438 40439 40441 40442 40443
0 0.0032608696 0.0021739130 0.0021739130 0.0010869565 0.0065217391
1 0.0063291139 0.0007911392 0.0007911392 0.0015822785 0.0031645570
Initial.System.Date
Y 40444 40445 40446 40449 40450
0 0.0065217391 0.0054347826 0.0021739130 0.0054347826 0.0054347826
1 0.0039556962 0.0063291139 0.0039556962 0.0007911392 0.0015822785
Initial.System.Date
Y 40451 40452 40453 40456 40457
0 0.0043478261 0.0054347826 0.0021739130 0.0021739130 0.0021739130
1 0.0023734177 0.0007911392 0.0023734177 0.0015822785 0.0015822785
Initial.System.Date
Y 40458 40459 40460 40463 40464
0 0.0032608696 0.0032608696 0.0043478261 0.0010869565 0.0010869565
1 0.0023734177 0.0023734177 0.0007911392 0.0015822785 0.0007911392
Initial.System.Date
Y 40465 40466 40468 40470 40471
0 0.0010869565 0.0010869565 0.0032608696 0.0021739130 0.0032608696
1 0.0007911392 0.0023734177 0.0007911392 0.0007911392 0.0015822785
Initial.System.Date
Y 40472 40473 40474 40477 40478
0 0.0010869565 0.0021739130 0.0021739130 0.0010869565 0.0010869565

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```

1 0.0007911392 0.0015822785 0.0015822785 0.0007911392 0.0007911392
Initial.System.Date
Y 40479 40480 40481 40484 40485
0 0.0010869565 0.0021739130 0.0032608696 0.0021739130 0.0032608696
1 0.0015822785 0.0015822785 0.0007911392 0.0023734177 0.0007911392
Initial.System.Date
Y 40486 40487 40491 40493 40494
0 0.0021739130 0.0010869565 0.0010869565 0.0010869565 0.0010869565
1 0.0007911392 0.0015822785 0.0007911392 0.0015822785 0.0015822785
Initial.System.Date
Y 40495 40499 40500 40501 40502
0 0.0032608696 0.0021739130 0.0032608696 0.0010869565 0.0021739130
1 0.0007911392 0.0015822785 0.0007911392 0.0015822785 0.0015822785
Initial.System.Date
Y 40505 40506 40513 40514 40515
0 0.0010869565 0.0010869565 0.0010869565 0.0010869565 0.0021739130
1 0.0015822785 0.0015822785 0.0007911392 0.0007911392 0.0015822785
Initial.System.Date
Y 40522 40526 40528 40529 40543
0 0.0021739130 0.0010869565 0.0010869565 0.0010869565 0.0010869565
1 0.0007911392 0.0015822785 0.0015822785 0.0015822785 0.0007911392
Initial.System.Date
Y 40547 40549 40555 40558 40568
0 0.0010869565 0.0010869565 0.0010869565 0.0021739130 0.0010869565
1 0.0007911392 0.0007911392 0.0007911392 0.0007911392 0.0015822785
Initial.System.Date
Y 40575 40579 40596 40599 40606
0 0.0021739130 0.0010869565 0.0010869565 0.0021739130 0.0021739130
1 0.0007911392 0.0007911392 0.0007911392 0.0007911392 0.0007911392
Initial.System.Date
Y NA
0 0.0032608696
1 0.0031645570
##
Region
Y Dallas Houston Northern California Other Pacific Northwest
0 0.07343750 0.06562500 0.11250000 0.47500000 0.12343750
1 0.06605691 0.05792683 0.12296748 0.47764228 0.06504065
Region
Y Southern California
0 0.15000000
1 0.21036585
##
CRM.Segment
Y [,1] [,2]
0 7.018927 2.872150
1 6.846626 2.683395
##
School.Type
Y Catholic CHD Private non-Christian PUBLIC
0 0.06896552 0.08620690 0.04545455 0.79937304
1 0.07331976 0.09674134 0.08350305 0.74643585
##
Parent.Meeting.Flag

```

```

Y [,1] [,2]
0 0.8769716 0.3287291
1 0.8558282 0.3514435
##
MDR.Low.Grade
Y 1 10 2 3 4 5
0 0.004643963 0.004643963 0.004643963 0.003095975 0.012383901 0.029411765
1 0.004040404 0.001010101 0.001010101 0.008080808 0.007070707 0.044444444
MDR.Low.Grade
Y 6 7 8 9 K PK
0 0.326625387 0.142414861 0.009287926 0.080495356 0.208978328 0.173374613
1 0.394949495 0.173737374 0.006060606 0.018181818 0.167676768 0.173737374
##
MDR.High.Grade
Y 1 10 11 12 2 3
0 0.004643963 0.003095975 0.003095975 0.227554180 0.001547988 0.001547988
1 0.001010101 0.003030303 0.002020202 0.113131313 0.002020202 0.001010101
MDR.High.Grade
Y 4 5 6 7 8 9
0 0.003095975 0.043343653 0.054179567 0.013931889 0.626934985 0.017027864
1 0.005050505 0.055555556 0.031313131 0.016161616 0.742424242 0.027272727
##
Total.School.Enrollment
Y [,1] [,2]
0 598.5347 456.8653
1 677.5501 395.3384
##
Income.Level
Y A B C D E F
0 0.015267176 0.016793893 0.044274809 0.018320611 0.041221374 0.050381679
1 0.005005005 0.011011011 0.023023023 0.016016016 0.021021021 0.039039039
Income.Level
Y G H I J K L
0 0.048854962 0.042748092 0.077862595 0.093129771 0.053435115 0.091603053
1 0.030030030 0.030030030 0.066066066 0.056056056 0.048048048 0.093093093
Income.Level
Y M N O P P1 P3
0 0.067175573 0.067175573 0.096183206 0.058015267 0.001526718 0.003053435
1 0.103103103 0.050050050 0.130130130 0.122122122 0.002002002 0.001001001
Income.Level
Y P4 Q Z
0 0.001526718 0.085496183 0.025954198
1 0.003003003 0.134134134 0.016016016
##
EZ.Pay.Take.Up.Rate
Y [,1] [,2]
0 0.2149700 0.1753302
1 0.2109744 0.1439477
##
School.Sponsor
Y [,1] [,2]
0 0.05993691 0.2375573
1 0.14008180 0.3472495
##

```

```

SPR.Product.Type
Y CA History Costa Rica East Coast IL History International Science
0 0.057812500 0.037500000 0.801562500 0.003125000 0.015625000 0.084375000
1 0.084349593 0.008130081 0.851626016 0.002032520 0.002032520 0.051829268
##
SPR.New.Existing
Y EXISTING NEW
0 0.4669811 0.5330189
1 0.8285714 0.1714286
##
FPP
Y [,1] [,2]
0 21.57413 18.82173
1 36.54192 31.19570
##
Total.Pax
Y [,1] [,2]
0 23.79968 20.40055
1 39.85481 33.65037
##
SPR.Group.Revenue
Y [,1] [,2]
0 1702.479 640.5371
1 1571.228 633.0060
##
NumberOfMeetingswithParents
Y [,1] [,2]
0 1.151420 0.6124869
1 1.078732 0.6010377
##
FirstMeeting
Y 39945 40057 40084 40085 40108
0 0.0023809524 0.0023809524 0.0023809524 0.0023809524 0.0023809524
1 0.0008445946 0.0008445946 0.0008445946 0.0008445946 0.0008445946
FirstMeeting
Y 40115 40134 40184 40199 40204
0 0.0011904762 0.0011904762 0.0023809524 0.0023809524 0.0011904762
1 0.0016891892 0.0008445946 0.0008445946 0.0008445946 0.0008445946
FirstMeeting
Y 40213 40217 40225 40227 40229
0 0.0011904762 0.0023809524 0.0023809524 0.0011904762 0.0011904762
1 0.0016891892 0.0008445946 0.0016891892 0.0016891892 0.0016891892
FirstMeeting
Y 40231 40232 40233 40234 40235
0 0.0011904762 0.0047619048 0.0035714286 0.0047619048 0.0011904762
1 0.0008445946 0.0008445946 0.0008445946 0.0016891892 0.0008445946
FirstMeeting
Y 40240 40241 40245 40246 40247
0 0.0023809524 0.0023809524 0.0035714286 0.0035714286 0.0035714286
1 0.0008445946 0.0008445946 0.0008445946 0.0033783784 0.0008445946
FirstMeeting
Y 40248 40252 40253 40254 40255
0 0.0011904762 0.0023809524 0.0023809524 0.0011904762 0.0035714286
1 0.0033783784 0.0008445946 0.0016891892 0.0016891892 0.0016891892

```

```

FirstMeeting
Y 40259 40260 40261 40262 40263
0 0.0023809524 0.0059523810 0.0035714286 0.0011904762 0.0011904762
1 0.0016891892 0.0016891892 0.0008445946 0.0025337838 0.0016891892
FirstMeeting
Y 40266 40267 40268 40269 40273
0 0.0011904762 0.0035714286 0.0011904762 0.0023809524 0.0035714286
1 0.0016891892 0.0008445946 0.0025337838 0.0016891892 0.0008445946
FirstMeeting
Y 40274 40276 40277 40279 40280
0 0.0011904762 0.0035714286 0.0011904762 0.0011904762 0.0023809524
1 0.0025337838 0.0016891892 0.0016891892 0.0008445946 0.0033783784
FirstMeeting
Y 40281 40282 40283 40284 40287
0 0.0023809524 0.0047619048 0.0071428571 0.0011904762 0.0023809524
1 0.0059121622 0.0016891892 0.0025337838 0.0025337838 0.0033783784
FirstMeeting
Y 40288 40289 40290 40292 40294
0 0.0095238095 0.0047619048 0.0059523810 0.0011904762 0.0011904762
1 0.0033783784 0.0050675676 0.0033783784 0.0016891892 0.0042229730
FirstMeeting
Y 40295 40296 40297 40301 40302
0 0.0071428571 0.0047619048 0.0047619048 0.0023809524 0.0119047619
1 0.0076013514 0.0042229730 0.0067567568 0.0033783784 0.0059121622
FirstMeeting
Y 40303 40304 40305 40306 40308
0 0.0023809524 0.0047619048 0.0023809524 0.0023809524 0.0023809524
1 0.0025337838 0.0050675676 0.0016891892 0.0008445946 0.0042229730
FirstMeeting
Y 40309 40310 40311 40312 40314
0 0.0142857143 0.0059523810 0.0071428571 0.0023809524 0.0011904762
1 0.0092905405 0.0033783784 0.0059121622 0.0008445946 0.0008445946
FirstMeeting
Y 40315 40316 40317 40318 40319
0 0.0035714286 0.0142857143 0.0059523810 0.0083333333 0.0011904762
1 0.0084459459 0.0067567568 0.0033783784 0.0050675676 0.0025337838
FirstMeeting
Y 40321 40322 40323 40324 40325
0 0.0035714286 0.0023809524 0.0047619048 0.0023809524 0.0059523810
1 0.0008445946 0.0033783784 0.0092905405 0.0042229730 0.0042229730
FirstMeeting
Y 40326 40330 40331 40332 40336
0 0.0023809524 0.0047619048 0.0047619048 0.0023809524 0.0011904762
1 0.0016891892 0.0025337838 0.0016891892 0.0016891892 0.0008445946
FirstMeeting
Y 40337 40338 40339 40340 40344
0 0.0035714286 0.0011904762 0.0023809524 0.0023809524 0.0011904762
1 0.0033783784 0.0016891892 0.0008445946 0.0008445946 0.0025337838
FirstMeeting
Y 40345 40346 40350 40387 40392
0 0.0023809524 0.0011904762 0.0011904762 0.0011904762 0.0023809524
1 0.0008445946 0.0033783784 0.0008445946 0.0008445946 0.0008445946
FirstMeeting
Y 40393 40394 40395 40399 40400

```

```

0 0.0011904762 0.0011904762 0.0011904762 0.0023809524 0.0023809524
1 0.0008445946 0.0016891892 0.0008445946 0.0008445946 0.0025337838
FirstMeeting
Y 40401 40402 40405 40406 40407
0 0.0011904762 0.0023809524 0.0023809524 0.0035714286 0.0035714286
1 0.0025337838 0.0033783784 0.0008445946 0.0008445946 0.0059121622
FirstMeeting
Y 40408 40409 40410 40413 40414
0 0.0011904762 0.0047619048 0.0011904762 0.0071428571 0.0095238095
1 0.0025337838 0.0025337838 0.0033783784 0.0050675676 0.0033783784
FirstMeeting
Y 40415 40416 40417 40419 40420
0 0.0035714286 0.0071428571 0.0023809524 0.0011904762 0.0059523810
1 0.0050675676 0.0126689189 0.0008445946 0.0016891892 0.0050675676
FirstMeeting
Y 40421 40422 40423 40424 40427
0 0.0142857143 0.0071428571 0.0107142857 0.0023809524 0.0011904762
1 0.0160472973 0.0253378378 0.0194256757 0.0033783784 0.0016891892
FirstMeeting
Y 40428 40429 40430 40431 40433
0 0.0107142857 0.0190476190 0.0130952381 0.0035714286 0.0011904762
1 0.0152027027 0.0194256757 0.0228040541 0.0033783784 0.0016891892
FirstMeeting
Y 40434 40435 40436 40437 40438
0 0.0142857143 0.0273809524 0.0238095238 0.0178571429 0.0011904762
1 0.0185810811 0.0523648649 0.0253378378 0.0202702703 0.0025337838
FirstMeeting
Y 40440 40441 40442 40443 40444
0 0.0023809524 0.0071428571 0.0226190476 0.0202380952 0.0190476190
1 0.0033783784 0.0109797297 0.0278716216 0.0270270270 0.0337837838
FirstMeeting
Y 40445 40446 40447 40448 40449
0 0.0023809524 0.0011904762 0.0011904762 0.0035714286 0.0297619048
1 0.0016891892 0.0008445946 0.0008445946 0.0076013514 0.0320945946
FirstMeeting
Y 40450 40451 40452 40454 40455
0 0.0190476190 0.0178571429 0.0059523810 0.0035714286 0.0059523810
1 0.0143581081 0.0160472973 0.0008445946 0.0008445946 0.0050675676
FirstMeeting
Y 40456 40457 40458 40460 40462
0 0.0142857143 0.0035714286 0.0059523810 0.0011904762 0.0023809524
1 0.0076013514 0.0101351351 0.0109797297 0.0016891892 0.0008445946
FirstMeeting
Y 40463 40464 40465 40466 40467
0 0.0119047619 0.0095238095 0.0071428571 0.0023809524 0.0011904762
1 0.0076013514 0.0109797297 0.0067567568 0.0016891892 0.0025337838
FirstMeeting
Y 40469 40470 40471 40472 40473
0 0.0095238095 0.0142857143 0.0071428571 0.0047619048 0.0023809524
1 0.0025337838 0.0016891892 0.0067567568 0.0042229730 0.0016891892
FirstMeeting
Y 40475 40476 40477 40478 40479
0 0.0011904762 0.0011904762 0.0011904762 0.0071428571 0.0059523810
1 0.0008445946 0.0008445946 0.0076013514 0.0025337838 0.0033783784

```



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FirstMeeting
Y 40483 40484 40485 40486 40487
0 0.0047619048 0.0047619048 0.0023809524 0.0023809524 0.0011904762
1 0.0025337838 0.0025337838 0.0025337838 0.0033783784 0.0008445946
FirstMeeting
Y 40490 40491 40492 40493 40494
0 0.0035714286 0.0059523810 0.0023809524 0.0011904762 0.0011904762
1 0.0008445946 0.0033783784 0.0016891892 0.0008445946 0.0016891892
FirstMeeting
Y 40497 40498 40499 40500 40504
0 0.0023809524 0.0047619048 0.0011904762 0.0071428571 0.0023809524
1 0.0008445946 0.0033783784 0.0016891892 0.0016891892 0.0008445946
FirstMeeting
Y 40508 40512 40513 40514 40518
0 0.0011904762 0.0023809524 0.0023809524 0.0011904762 0.0023809524
1 0.0008445946 0.0016891892 0.0016891892 0.0008445946 0.0008445946
FirstMeeting
Y 40519 40520 40525 40527 40553
0 0.0035714286 0.0011904762 0.0011904762 0.0011904762 0.0023809524
1 0.0016891892 0.0016891892 0.0008445946 0.0016891892 0.0008445946
FirstMeeting
Y 40562 40569 40570 40574 40590
0 0.0011904762 0.0011904762 0.0011904762 0.0011904762 0.0023809524
1 0.0008445946 0.0008445946 0.0016891892 0.0016891892 0.0008445946
FirstMeeting
Y 40609 40619 40626 40639 40675
0 0.0011904762 0.0023809524 0.0011904762 0.0011904762 0.0011904762
1 0.0008445946 0.0008445946 0.0016891892 0.0016891892 0.0016891892
FirstMeeting
Y 40679 40682 40683 40800 40821
0 0.0011904762 0.0011904762 0.0011904762 0.0011904762 0.0011904762
1 0.0016891892 0.0008445946 0.0016891892 0.0016891892 0.0008445946
FirstMeeting
Y NA
0 0.0940476190
1 0.1199324324
##
LastMeeting
Y 39945 40057 40184 40213 40233
0 0.0024875622 0.0024875622 0.0024875622 0.0012437811 0.0012437811
1 0.0008710801 0.0008710801 0.0008710801 0.0008710801 0.0008710801
LastMeeting
Y 40246 40247 40254 40259 40260
0 0.0024875622 0.0024875622 0.0012437811 0.0024875622 0.0024875622
1 0.0008710801 0.0008710801 0.0017421603 0.0008710801 0.0008710801
LastMeeting
Y 40268 40276 40280 40281 40282
0 0.0012437811 0.0012437811 0.0024875622 0.0024875622 0.0024875622
1 0.0008710801 0.0008710801 0.0017421603 0.0017421603 0.0008710801
LastMeeting
Y 40284 40289 40290 40295 40296
0 0.0012437811 0.0012437811 0.0012437811 0.0037313433 0.0012437811
1 0.0008710801 0.0008710801 0.0026132404 0.0017421603 0.0017421603
LastMeeting

```

##	Y	40297	40302	40303	40306	40308
##	0	0.0012437811	0.0037313433	0.0024875622	0.0024875622	0.0012437811
##	1	0.0017421603	0.0008710801	0.0008710801	0.0008710801	0.0017421603
##		LastMeeting				
##	Y	40309	40310	40311	40314	40315
##	0	0.0049751244	0.0037313433	0.0024875622	0.0012437811	0.0012437811
##	1	0.0008710801	0.0008710801	0.0017421603	0.0017421603	0.0017421603
##		LastMeeting				
##	Y	40316	40317	40318	40322	40323
##	0	0.0024875622	0.0037313433	0.0012437811	0.0024875622	0.0012437811
##	1	0.0017421603	0.0008710801	0.0026132404	0.0008710801	0.0008710801
##		LastMeeting				
##	Y	40325	40326	40330	40331	40337
##	0	0.0012437811	0.0024875622	0.0012437811	0.0012437811	0.0024875622
##	1	0.0008710801	0.0008710801	0.0017421603	0.0008710801	0.0008710801
##		LastMeeting				
##	Y	40338	40339	40343	40372	40387
##	0	0.0012437811	0.0024875622	0.0024875622	0.0024875622	0.0012437811
##	1	0.0017421603	0.0008710801	0.0008710801	0.0008710801	0.0008710801
##		LastMeeting				
##	Y	40392	40393	40394	40399	40400
##	0	0.0012437811	0.0024875622	0.0012437811	0.0012437811	0.0024875622
##	1	0.0008710801	0.0008710801	0.0017421603	0.0017421603	0.0017421603
##		LastMeeting				
##	Y	40401	40402	40405	40406	40407
##	0	0.0012437811	0.0024875622	0.0024875622	0.0037313433	0.0024875622
##	1	0.0017421603	0.0034843206	0.0008710801	0.0008710801	0.0069686411
##		LastMeeting				
##	Y	40408	40409	40410	40413	40414
##	0	0.0012437811	0.0037313433	0.0012437811	0.0049751244	0.0099502488
##	1	0.0017421603	0.0034843206	0.0026132404	0.0052264808	0.0060975610
##		LastMeeting				
##	Y	40415	40416	40417	40419	40420
##	0	0.0049751244	0.0099502488	0.0024875622	0.0012437811	0.0099502488
##	1	0.0060975610	0.0191637631	0.0008710801	0.0017421603	0.0060975610
##		LastMeeting				
##	Y	40421	40422	40423	40424	40426
##	0	0.0149253731	0.0124378109	0.0211442786	0.0037313433	0.0012437811
##	1	0.0217770035	0.0270034843	0.0243902439	0.0043554007	0.0008710801
##		LastMeeting				
##	Y	40427	40428	40429	40430	40431
##	0	0.0012437811	0.0174129353	0.0286069652	0.0223880597	0.0049751244
##	1	0.0017421603	0.0182926829	0.0243902439	0.0278745645	0.0052264808
##		LastMeeting				
##	Y	40433	40434	40435	40436	40437
##	0	0.0012437811	0.0174129353	0.0410447761	0.0310945274	0.0211442786
##	1	0.0017421603	0.0209059233	0.0635888502	0.0313588850	0.0339721254
##		LastMeeting				
##	Y	40438	40440	40441	40442	40443
##	0	0.0012437811	0.0024875622	0.0087064677	0.0273631841	0.0286069652
##	1	0.0026132404	0.0043554007	0.0148083624	0.0391986063	0.0383275261
##		LastMeeting				
##	Y	40444	40445	40446	40447	40448
##	0	0.0310945274	0.0049751244	0.0012437811	0.0012437811	0.0087064677

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1 0.0391986063 0.0026132404 0.0008710801 0.0008710801 0.0087108014
LastMeeting
Y 40449 40450 40451 40452 40454
0 0.0373134328 0.0273631841 0.0223880597 0.0049751244 0.0037313433
1 0.0418118467 0.0226480836 0.0200348432 0.0017421603 0.0008710801
LastMeeting
Y 40455 40456 40457 40458 40460
0 0.0074626866 0.0199004975 0.0074626866 0.0099502488 0.0012437811
1 0.0052264808 0.0121951220 0.0121951220 0.0139372822 0.0017421603
LastMeeting
Y 40462 40463 40464 40465 40466
0 0.0037313433 0.0161691542 0.0124378109 0.0087064677 0.0024875622
1 0.0008710801 0.0069686411 0.0121951220 0.0095818815 0.0017421603
LastMeeting
Y 40467 40469 40470 40471 40472
0 0.0012437811 0.0099502488 0.0186567164 0.0087064677 0.0111940299
1 0.0026132404 0.0043554007 0.0043554007 0.0078397213 0.0043554007
LastMeeting
Y 40473 40475 40476 40477 40478
0 0.0037313433 0.0012437811 0.0012437811 0.0012437811 0.0074626866
1 0.0017421603 0.0008710801 0.0026132404 0.0069686411 0.0034843206
LastMeeting
Y 40479 40480 40483 40484 40485
0 0.0087064677 0.0012437811 0.0062189055 0.0049751244 0.0024875622
1 0.0026132404 0.0008710801 0.0026132404 0.0043554007 0.0034843206
LastMeeting
Y 40486 40487 40489 40490 40491
0 0.0049751244 0.0012437811 0.0012437811 0.0037313433 0.0074626866
1 0.0034843206 0.0008710801 0.0008710801 0.0008710801 0.0034843206
LastMeeting
Y 40492 40493 40494 40497 40498
0 0.0024875622 0.0024875622 0.0012437811 0.0037313433 0.0049751244
1 0.0017421603 0.0008710801 0.0017421603 0.0008710801 0.0034843206
LastMeeting
Y 40499 40500 40504 40510 40512
0 0.0012437811 0.0074626866 0.0024875622 0.0012437811 0.0024875622
1 0.0026132404 0.0017421603 0.0008710801 0.0008710801 0.0026132404
LastMeeting
Y 40513 40514 40518 40519 40520
0 0.0024875622 0.0012437811 0.0037313433 0.0037313433 0.0012437811
1 0.0017421603 0.0017421603 0.0008710801 0.0026132404 0.0017421603
LastMeeting
Y 40521 40525 40527 40553 40554
0 0.0024875622 0.0012437811 0.0012437811 0.0024875622 0.0024875622
1 0.0008710801 0.0008710801 0.0017421603 0.0008710801 0.0008710801
LastMeeting
Y 40555 40556 40565 40569 40570
0 0.0012437811 0.0012437811 0.0024875622 0.0012437811 0.0012437811
1 0.0017421603 0.0017421603 0.0008710801 0.0008710801 0.0017421603
LastMeeting
Y 40574 40575 40590 40609 40619
0 0.0012437811 0.0012437811 0.0024875622 0.0012437811 0.0024875622
1 0.0017421603 0.0008710801 0.0008710801 0.0008710801 0.0008710801
LastMeeting

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##	Y	40626	40639	40645	40654	40675
##	0	0.0012437811	0.0012437811	0.0012437811	0.0024875622	0.0012437811
##	1	0.0017421603	0.0017421603	0.0008710801	0.0008710801	0.0017421603
##		LastMeeting				
##	Y	40679	40681	40682	40683	40687
##	0	0.0012437811	0.0012437811	0.0012437811	0.0012437811	0.0024875622
##	1	0.0026132404	0.0008710801	0.0008710801	0.0017421603	0.0008710801
##		LastMeeting				
##	Y	40688	40708	40800	40821	NA
##	0	0.0012437811	0.0012437811	0.0012437811	0.0012437811	0.0982587065
##	1	0.0008710801	0.0017421603	0.0017421603	0.0008710801	0.1236933798
##						
##		DifferenceTraveltoFirstMeeting				
##	Y	-188	-204	116	124	128
##	0	0.0010245902	0.0010245902	0.0010245902	0.0010245902	0.0010245902
##	1	0.0007575758	0.0015151515	0.0015151515	0.0015151515	0.0007575758
##		DifferenceTraveltoFirstMeeting				
##	Y	130	131	132	133	134
##	0	0.0010245902	0.0010245902	0.0010245902	0.0010245902	0.0010245902
##	1	0.0007575758	0.0007575758	0.0007575758	0.0007575758	0.0007575758
##		DifferenceTraveltoFirstMeeting				
##	Y	135	136	137	139	14
##	0	0.0010245902	0.0010245902	0.0010245902	0.0020491803	0.0010245902
##	1	0.0015151515	0.0015151515	0.0022727273	0.0015151515	0.0015151515
##		DifferenceTraveltoFirstMeeting				
##	Y	140	142	143	144	145
##	0	0.0010245902	0.0030737705	0.0030737705	0.0010245902	0.0030737705
##	1	0.0007575758	0.0007575758	0.0030303030	0.0007575758	0.0022727273
##		DifferenceTraveltoFirstMeeting				
##	Y	146	147	148	149	150
##	0	0.0020491803	0.0010245902	0.0010245902	0.0010245902	0.0030737705
##	1	0.0022727273	0.0007575758	0.0022727273	0.0015151515	0.0007575758
##		DifferenceTraveltoFirstMeeting				
##	Y	151	152	153	154	155
##	0	0.0020491803	0.0020491803	0.0010245902	0.0030737705	0.0010245902
##	1	0.0015151515	0.0007575758	0.0007575758	0.0007575758	0.0022727273
##		DifferenceTraveltoFirstMeeting				
##	Y	156	157	158	159	160
##	0	0.0020491803	0.0030737705	0.0010245902	0.0010245902	0.0010245902
##	1	0.0015151515	0.0030303030	0.0030303030	0.0007575758	0.0015151515
##		DifferenceTraveltoFirstMeeting				
##	Y	161	162	163	164	165
##	0	0.0020491803	0.0020491803	0.0010245902	0.0010245902	0.0010245902
##	1	0.0022727273	0.0030303030	0.0022727273	0.0030303030	0.0037878788
##		DifferenceTraveltoFirstMeeting				
##	Y	166	167	168	170	171
##	0	0.0030737705	0.0010245902	0.0030737705	0.0010245902	0.0030737705
##	1	0.0030303030	0.0030303030	0.0045454545	0.0037878788	0.0007575758
##		DifferenceTraveltoFirstMeeting				
##	Y	172	173	174	175	176
##	0	0.0030737705	0.0030737705	0.0020491803	0.0030737705	0.0020491803
##	1	0.0007575758	0.0037878788	0.0022727273	0.0015151515	0.0030303030
##		DifferenceTraveltoFirstMeeting				
##	Y	177	178	179	180	181

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0 0.0010245902 0.0030737705 0.0030737705 0.0040983607 0.0030737705
1 0.0007575758 0.0022727273 0.0083333333 0.0015151515 0.0037878788
DifferenceTraveltoFirstMeeting
Y 182 183 184 185 186
0 0.0010245902 0.0020491803 0.0010245902 0.0030737705 0.0040983607
1 0.0022727273 0.0030303030 0.0037878788 0.0098484848 0.0053030303
DifferenceTraveltoFirstMeeting
Y 187 188 189 190 191
0 0.0061475410 0.0051229508 0.0051229508 0.0071721311 0.0030737705
1 0.0045454545 0.0060606061 0.0022727273 0.0060606061 0.0015151515
DifferenceTraveltoFirstMeeting
Y 192 193 194 195 196
0 0.0030737705 0.0030737705 0.0040983607 0.0102459016 0.0040983607
1 0.0045454545 0.0075757576 0.0075757576 0.0068181818 0.0030303030
DifferenceTraveltoFirstMeeting
Y 197 198 199 200 201
0 0.0020491803 0.0030737705 0.0051229508 0.0020491803 0.0030737705
1 0.0015151515 0.0075757576 0.0045454545 0.0037878788 0.0045454545
DifferenceTraveltoFirstMeeting
Y 202 203 204 205 206
0 0.0040983607 0.0030737705 0.0030737705 0.0030737705 0.0071721311
1 0.0068181818 0.0045454545 0.0015151515 0.0015151515 0.0053030303
DifferenceTraveltoFirstMeeting
Y 207 208 209 210 211
0 0.0040983607 0.0030737705 0.0030737705 0.0020491803 0.0010245902
1 0.0053030303 0.0037878788 0.0022727273 0.0030303030 0.0068181818
DifferenceTraveltoFirstMeeting
Y 212 213 214 215 216
0 0.0030737705 0.0020491803 0.0061475410 0.0020491803 0.0020491803
1 0.0022727273 0.0030303030 0.0083333333 0.0083333333 0.0037878788
DifferenceTraveltoFirstMeeting
Y 217 218 219 22 220
0 0.0071721311 0.0051229508 0.0040983607 0.0010245902 0.0020491803
1 0.0045454545 0.0045454545 0.0037878788 0.0022727273 0.0030303030
DifferenceTraveltoFirstMeeting
Y 221 222 223 224 225
0 0.0030737705 0.0081967213 0.0051229508 0.0030737705 0.0020491803
1 0.0045454545 0.0022727273 0.0045454545 0.0060606061 0.0037878788
DifferenceTraveltoFirstMeeting
Y 226 227 228 229 230
0 0.0010245902 0.0040983607 0.0020491803 0.0020491803 0.0020491803
1 0.0053030303 0.0037878788 0.0030303030 0.0090909091 0.0045454545
DifferenceTraveltoFirstMeeting
Y 231 232 233 234 235
0 0.0092213115 0.0030737705 0.0020491803 0.0040983607 0.0061475410
1 0.0022727273 0.0015151515 0.0053030303 0.0045454545 0.0037878788
DifferenceTraveltoFirstMeeting
Y 236 237 238 239 240
0 0.0040983607 0.0040983607 0.0030737705 0.0040983607 0.0020491803
1 0.0045454545 0.0068181818 0.0030303030 0.0022727273 0.0068181818
DifferenceTraveltoFirstMeeting
Y 241 242 243 244 245
0 0.0040983607 0.0061475410 0.0030737705 0.0081967213 0.0071721311
1 0.0045454545 0.0037878788 0.0068181818 0.0045454545 0.0022727273

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DifferenceTraveltoFirstMeeting
Y 246 247 248 249 25
0 0.0030737705 0.0051229508 0.0030737705 0.0030737705 0.0010245902
1 0.0045454545 0.0053030303 0.0045454545 0.0045454545 0.0007575758
DifferenceTraveltoFirstMeeting
Y 250 251 252 253 254
0 0.0040983607 0.0071721311 0.0040983607 0.0030737705 0.0030737705
1 0.0090909091 0.0075757576 0.0068181818 0.0075757576 0.0037878788
DifferenceTraveltoFirstMeeting
Y 255 256 257 258 259
0 0.0051229508 0.0040983607 0.0040983607 0.0092213115 0.0153688525
1 0.0060606061 0.0022727273 0.0060606061 0.0060606061 0.0083333333
DifferenceTraveltoFirstMeeting
Y 260 261 262 263 264
0 0.0061475410 0.0051229508 0.0051229508 0.0040983607 0.0092213115
1 0.0060606061 0.0045454545 0.0060606061 0.0053030303 0.0068181818
DifferenceTraveltoFirstMeeting
Y 265 266 267 268 269
0 0.0092213115 0.0112704918 0.0030737705 0.0030737705 0.0040983607
1 0.0090909091 0.0098484848 0.0037878788 0.0037878788 0.0060606061
DifferenceTraveltoFirstMeeting
Y 270 271 272 273 274
0 0.0030737705 0.0071721311 0.0081967213 0.0092213115 0.0051229508
1 0.0090909091 0.0053030303 0.0030303030 0.0083333333 0.0030303030
DifferenceTraveltoFirstMeeting
Y 275 276 277 278 279
0 0.0030737705 0.0020491803 0.0051229508 0.0051229508 0.0061475410
1 0.0045454545 0.0037878788 0.0022727273 0.0045454545 0.0053030303
DifferenceTraveltoFirstMeeting
Y 28 280 281 282 283
0 0.0020491803 0.0040983607 0.0040983607 0.0030737705 0.0020491803
1 0.0007575758 0.0045454545 0.0030303030 0.0015151515 0.0022727273
DifferenceTraveltoFirstMeeting
Y 284 285 286 287 288
0 0.0010245902 0.0030737705 0.0030737705 0.0020491803 0.0010245902
1 0.0037878788 0.0015151515 0.0030303030 0.0030303030 0.0007575758
DifferenceTraveltoFirstMeeting
Y 289 290 291 292 293
0 0.0020491803 0.0010245902 0.0010245902 0.0010245902 0.0020491803
1 0.0007575758 0.0015151515 0.0030303030 0.0015151515 0.0037878788
DifferenceTraveltoFirstMeeting
Y 294 295 296 297 298
0 0.0020491803 0.0010245902 0.0010245902 0.0010245902 0.0020491803
1 0.0007575758 0.0007575758 0.0015151515 0.0015151515 0.0015151515
DifferenceTraveltoFirstMeeting
Y 299 300 301 302 303
0 0.0010245902 0.0010245902 0.0030737705 0.0010245902 0.0030737705
1 0.0022727273 0.0015151515 0.0015151515 0.0015151515 0.0015151515
DifferenceTraveltoFirstMeeting
Y 305 306 307 309 310
0 0.0020491803 0.0010245902 0.0020491803 0.0010245902 0.0020491803
1 0.0007575758 0.0022727273 0.0022727273 0.0022727273 0.0022727273
DifferenceTraveltoFirstMeeting
Y 311 312 313 314 315

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0 0.0020491803 0.0020491803 0.0020491803 0.0020491803 0.0020491803
1 0.0015151515 0.0007575758 0.0015151515 0.0015151515 0.0022727273
DifferenceTraveltoFirstMeeting
Y 316 317 318 319 32
0 0.0020491803 0.0020491803 0.0020491803 0.0020491803 0.0010245902
1 0.0007575758 0.0015151515 0.0015151515 0.0030303030 0.0015151515
DifferenceTraveltoFirstMeeting
Y 320 321 322 324 325
0 0.0020491803 0.0010245902 0.0020491803 0.0020491803 0.0010245902
1 0.0015151515 0.0022727273 0.0015151515 0.0007575758 0.0015151515
DifferenceTraveltoFirstMeeting
Y 326 327 328 330 331
0 0.0040983607 0.0010245902 0.0010245902 0.0020491803 0.0020491803
1 0.0022727273 0.0030303030 0.0022727273 0.0007575758 0.0015151515
DifferenceTraveltoFirstMeeting
Y 332 333 334 335 336
0 0.0010245902 0.0020491803 0.0020491803 0.0010245902 0.0020491803
1 0.0007575758 0.0030303030 0.0007575758 0.0022727273 0.0015151515
DifferenceTraveltoFirstMeeting
Y 337 338 339 340 341
0 0.0010245902 0.0030737705 0.0010245902 0.0010245902 0.0020491803
1 0.0015151515 0.0015151515 0.0022727273 0.0037878788 0.0015151515
DifferenceTraveltoFirstMeeting
Y 342 343 344 345 346
0 0.0030737705 0.0020491803 0.0010245902 0.0020491803 0.0020491803
1 0.0022727273 0.0007575758 0.0037878788 0.0015151515 0.0007575758
DifferenceTraveltoFirstMeeting
Y 347 348 349 350 351
0 0.0020491803 0.0010245902 0.0020491803 0.0030737705 0.0010245902
1 0.0015151515 0.0015151515 0.0007575758 0.0022727273 0.0007575758
DifferenceTraveltoFirstMeeting
Y 352 353 354 355 356
0 0.0020491803 0.0020491803 0.0010245902 0.0020491803 0.0030737705
1 0.0007575758 0.0015151515 0.0007575758 0.0022727273 0.0022727273
DifferenceTraveltoFirstMeeting
Y 357 359 360 361 362
0 0.0010245902 0.0010245902 0.0010245902 0.0020491803 0.0020491803
1 0.0015151515 0.0015151515 0.0030303030 0.0007575758 0.0022727273
DifferenceTraveltoFirstMeeting
Y 363 364 365 366 367
0 0.0020491803 0.0010245902 0.0020491803 0.0010245902 0.0020491803
1 0.0007575758 0.0022727273 0.0007575758 0.0022727273 0.0030303030
DifferenceTraveltoFirstMeeting
Y 368 369 370 371 372
0 0.0020491803 0.0020491803 0.0020491803 0.0020491803 0.0030737705
1 0.0015151515 0.0037878788 0.0015151515 0.0007575758 0.0007575758
DifferenceTraveltoFirstMeeting
Y 374 375 376 377 378
0 0.0040983607 0.0010245902 0.0040983607 0.0061475410 0.0020491803
1 0.0015151515 0.0022727273 0.0015151515 0.0022727273 0.0015151515
DifferenceTraveltoFirstMeeting
Y 379 380 381 382 383
0 0.0030737705 0.0030737705 0.0010245902 0.0020491803 0.0030737705
1 0.0022727273 0.0015151515 0.0015151515 0.0030303030 0.0037878788

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DifferenceTraveltoFirstMeeting
Y 384 385 386 388 389
0 0.0020491803 0.0030737705 0.0020491803 0.0020491803 0.0040983607
1 0.0053030303 0.0015151515 0.0015151515 0.0007575758 0.0030303030
DifferenceTraveltoFirstMeeting
Y 390 391 392 393 394
0 0.0051229508 0.0051229508 0.0010245902 0.0030737705 0.0040983607
1 0.0022727273 0.0037878788 0.0015151515 0.0015151515 0.0007575758
DifferenceTraveltoFirstMeeting
Y 395 396 397 398 399
0 0.0010245902 0.0020491803 0.0010245902 0.0020491803 0.0061475410
1 0.0015151515 0.0022727273 0.0045454545 0.0007575758 0.0030303030
DifferenceTraveltoFirstMeeting
Y 400 401 402 403 404
0 0.0020491803 0.0020491803 0.0020491803 0.0051229508 0.0010245902
1 0.0007575758 0.0015151515 0.0007575758 0.0022727273 0.0015151515
DifferenceTraveltoFirstMeeting
Y 405 406 407 408 409
0 0.0020491803 0.0030737705 0.0030737705 0.0010245902 0.0030737705
1 0.0015151515 0.0015151515 0.0015151515 0.0015151515 0.0007575758
DifferenceTraveltoFirstMeeting
Y 410 411 412 413 414
0 0.0020491803 0.0020491803 0.0020491803 0.0020491803 0.0020491803
1 0.0015151515 0.0007575758 0.0022727273 0.0007575758 0.0030303030
DifferenceTraveltoFirstMeeting
Y 416 417 418 419 420
0 0.0020491803 0.0030737705 0.0020491803 0.0030737705 0.0010245902
1 0.0007575758 0.0015151515 0.0022727273 0.0022727273 0.0015151515
DifferenceTraveltoFirstMeeting
Y 421 422 423 424 425
0 0.0010245902 0.0010245902 0.0010245902 0.0030737705 0.0010245902
1 0.0007575758 0.0007575758 0.0007575758 0.0022727273 0.0022727273
DifferenceTraveltoFirstMeeting
Y 426 427 428 431 432
0 0.0040983607 0.0010245902 0.0020491803 0.0020491803 0.0010245902
1 0.0015151515 0.0015151515 0.0007575758 0.0022727273 0.0007575758
DifferenceTraveltoFirstMeeting
Y 433 434 436 437 438
0 0.0020491803 0.0020491803 0.0010245902 0.0010245902 0.0030737705
1 0.0015151515 0.0007575758 0.0015151515 0.0007575758 0.0007575758
DifferenceTraveltoFirstMeeting
Y 439 440 444 445 448
0 0.0020491803 0.0020491803 0.0010245902 0.0020491803 0.0030737705
1 0.0015151515 0.0007575758 0.0007575758 0.0007575758 0.0007575758
DifferenceTraveltoFirstMeeting
Y 451 452 453 455 456
0 0.0010245902 0.0030737705 0.0020491803 0.0010245902 0.0040983607
1 0.0022727273 0.0015151515 0.0015151515 0.0015151515 0.0007575758
DifferenceTraveltoFirstMeeting
Y 458 459 460 461 466
0 0.0010245902 0.0010245902 0.0020491803 0.0020491803 0.0010245902
1 0.0015151515 0.0007575758 0.0007575758 0.0007575758 0.0007575758
DifferenceTraveltoFirstMeeting
Y 468 474 475 477 480

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0 0.0010245902 0.0020491803 0.0020491803 0.0010245902 0.0020491803
1 0.0007575758 0.0007575758 0.0007575758 0.0007575758 0.0007575758
DifferenceTraveltoFirstMeeting
Y 483 485 505 530 569
0 0.0020491803 0.0020491803 0.0020491803 0.0020491803 0.0020491803
1 0.0007575758 0.0007575758 0.0007575758 0.0007575758 0.0007575758
DifferenceTraveltoFirstMeeting
Y 598 604 623 63 651
0 0.0010245902 0.0020491803 0.0020491803 0.0020491803 0.0020491803
1 0.0015151515 0.0007575758 0.0007575758 0.0007575758 0.0007575758
DifferenceTraveltoFirstMeeting
Y 73 749 78 80 82
0 0.0010245902 0.0020491803 0.0020491803 0.0020491803 0.0010245902
1 0.0015151515 0.0007575758 0.0007575758 0.0007575758 0.0015151515
DifferenceTraveltoFirstMeeting
Y 91 NA
0 0.0010245902 0.0809426230
1 0.0007575758 0.1075757576
##
DifferenceTraveltoLastMeeting
Y -188 -204 -4 109 116
0 0.0011325028 0.0011325028 0.0022650057 0.0011325028 0.0011325028
1 0.0008149959 0.0016299919 0.0008149959 0.0016299919 0.0016299919
DifferenceTraveltoLastMeeting
Y 120 121 124 127 128
0 0.0011325028 0.0022650057 0.0011325028 0.0011325028 0.0011325028
1 0.0008149959 0.0008149959 0.0016299919 0.0016299919 0.0008149959
DifferenceTraveltoLastMeeting
Y 130 131 132 133 134
0 0.0011325028 0.0011325028 0.0022650057 0.0011325028 0.0022650057
1 0.0008149959 0.0008149959 0.0008149959 0.0008149959 0.0008149959
DifferenceTraveltoLastMeeting
Y 135 136 137 139 14
0 0.0011325028 0.0011325028 0.0011325028 0.0022650057 0.0022650057
1 0.0024449878 0.0016299919 0.0032599837 0.0024449878 0.0016299919
DifferenceTraveltoLastMeeting
Y 140 142 143 144 145
0 0.0011325028 0.0033975085 0.0033975085 0.0011325028 0.0033975085
1 0.0008149959 0.0008149959 0.0024449878 0.0008149959 0.0024449878
DifferenceTraveltoLastMeeting
Y 146 147 148 149 15
0 0.0022650057 0.0011325028 0.0022650057 0.0011325028 0.0011325028
1 0.0016299919 0.0008149959 0.0032599837 0.0016299919 0.0016299919
DifferenceTraveltoLastMeeting
Y 150 151 152 153 154
0 0.0033975085 0.0022650057 0.0022650057 0.0011325028 0.0033975085
1 0.0024449878 0.0016299919 0.0016299919 0.0016299919 0.0016299919
DifferenceTraveltoLastMeeting
Y 155 156 157 158 159
0 0.0011325028 0.0022650057 0.0033975085 0.0011325028 0.0011325028
1 0.0024449878 0.0016299919 0.0024449878 0.0040749796 0.0016299919
DifferenceTraveltoLastMeeting
Y 160 161 162 163 164
0 0.0011325028 0.0033975085 0.0033975085 0.0011325028 0.0022650057

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1 0.0024449878 0.0016299919 0.0032599837 0.0024449878 0.0032599837
DifferenceTraveltoLastMeeting
Y 165 166 167 168 169
0 0.0011325028 0.0033975085 0.0022650057 0.0045300113 0.0011325028
1 0.0040749796 0.0065199674 0.0040749796 0.0048899756 0.0016299919
DifferenceTraveltoLastMeeting
Y 170 171 172 173 174
0 0.0011325028 0.0045300113 0.0056625142 0.0067950170 0.0045300113
1 0.0048899756 0.0016299919 0.0008149959 0.0048899756 0.0024449878
DifferenceTraveltoLastMeeting
Y 175 176 177 178 179
0 0.0022650057 0.0022650057 0.0011325028 0.0056625142 0.0045300113
1 0.0024449878 0.0032599837 0.0008149959 0.0040749796 0.0089649552
DifferenceTraveltoLastMeeting
Y 180 181 182 183 184
0 0.0056625142 0.0033975085 0.0022650057 0.0033975085 0.0011325028
1 0.0024449878 0.0048899756 0.0032599837 0.0032599837 0.0057049715
DifferenceTraveltoLastMeeting
Y 185 186 187 188 189
0 0.0056625142 0.0056625142 0.0079275198 0.0056625142 0.0056625142
1 0.0122249389 0.0073349633 0.0048899756 0.0073349633 0.0024449878
DifferenceTraveltoLastMeeting
Y 190 191 192 193 194
0 0.0079275198 0.0045300113 0.0033975085 0.0045300113 0.0045300113
1 0.0073349633 0.0024449878 0.0057049715 0.0097799511 0.0081499593
DifferenceTraveltoLastMeeting
Y 195 196 197 198 199
0 0.0124575311 0.0056625142 0.0033975085 0.0045300113 0.0045300113
1 0.0081499593 0.0040749796 0.0024449878 0.0081499593 0.0081499593
DifferenceTraveltoLastMeeting
Y 200 201 202 203 204
0 0.0056625142 0.0045300113 0.0033975085 0.0045300113 0.0045300113
1 0.0081499593 0.0073349633 0.0089649552 0.0032599837 0.0032599837
DifferenceTraveltoLastMeeting
Y 205 206 207 208 209
0 0.0067950170 0.0090600227 0.0045300113 0.0045300113 0.0056625142
1 0.0032599837 0.0057049715 0.0065199674 0.0073349633 0.0048899756
DifferenceTraveltoLastMeeting
Y 210 211 212 213 214
0 0.0022650057 0.0011325028 0.0033975085 0.0033975085 0.0067950170
1 0.0040749796 0.0081499593 0.0032599837 0.0040749796 0.0089649552
DifferenceTraveltoLastMeeting
Y 215 216 217 218 219
0 0.0033975085 0.0033975085 0.0067950170 0.0056625142 0.0067950170
1 0.0097799511 0.0057049715 0.0057049715 0.0048899756 0.0048899756
DifferenceTraveltoLastMeeting
Y 22 220 221 222 223
0 0.0011325028 0.0022650057 0.0056625142 0.0090600227 0.0045300113
1 0.0024449878 0.0048899756 0.0040749796 0.0057049715 0.0065199674
DifferenceTraveltoLastMeeting
Y 224 225 226 227 228
0 0.0045300113 0.0011325028 0.0033975085 0.0045300113 0.0045300113
1 0.0073349633 0.0040749796 0.0057049715 0.0040749796 0.0048899756
DifferenceTraveltoLastMeeting

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##	Y	229	23	230	231	232
##	0	0.0045300113	0.0011325028	0.0045300113	0.0101925255	0.0033975085
##	1	0.0089649552	0.0008149959	0.0065199674	0.0057049715	0.0024449878
##		DifferenceTraveltoLastMeeting				
##	Y	233	234	235	236	237
##	0	0.0022650057	0.0056625142	0.0101925255	0.0045300113	0.0090600227
##	1	0.0065199674	0.0048899756	0.0048899756	0.0065199674	0.0081499593
##		DifferenceTraveltoLastMeeting				
##	Y	238	239	24	240	241
##	0	0.0045300113	0.0056625142	0.0011325028	0.0045300113	0.0045300113
##	1	0.0032599837	0.0024449878	0.0008149959	0.0081499593	0.0040749796
##		DifferenceTraveltoLastMeeting				
##	Y	242	243	244	245	246
##	0	0.0067950170	0.0045300113	0.0079275198	0.0101925255	0.0033975085
##	1	0.0048899756	0.0097799511	0.0048899756	0.0048899756	0.0057049715
##		DifferenceTraveltoLastMeeting				
##	Y	247	248	249	25	250
##	0	0.0056625142	0.0045300113	0.0022650057	0.0011325028	0.0067950170
##	1	0.0065199674	0.0065199674	0.0073349633	0.0008149959	0.0122249389
##		DifferenceTraveltoLastMeeting				
##	Y	251	252	253	254	255
##	0	0.0101925255	0.0067950170	0.0033975085	0.0067950170	0.0067950170
##	1	0.0114099430	0.0073349633	0.0097799511	0.0057049715	0.0065199674
##		DifferenceTraveltoLastMeeting				
##	Y	256	257	258	259	260
##	0	0.0067950170	0.0079275198	0.0147225368	0.0192525481	0.0090600227
##	1	0.0048899756	0.0081499593	0.0081499593	0.0081499593	0.0065199674
##		DifferenceTraveltoLastMeeting				
##	Y	261	262	263	264	265
##	0	0.0067950170	0.0079275198	0.0056625142	0.0124575311	0.0124575311
##	1	0.0073349633	0.0089649552	0.0073349633	0.0081499593	0.0122249389
##		DifferenceTraveltoLastMeeting				
##	Y	266	267	268	269	27
##	0	0.0135900340	0.0056625142	0.0022650057	0.0056625142	0.0011325028
##	1	0.0146699267	0.0048899756	0.0081499593	0.0073349633	0.0008149959
##		DifferenceTraveltoLastMeeting				
##	Y	270	271	272	273	274
##	0	0.0067950170	0.0135900340	0.0113250283	0.0113250283	0.0090600227
##	1	0.0122249389	0.0065199674	0.0040749796	0.0097799511	0.0032599837
##		DifferenceTraveltoLastMeeting				
##	Y	275	276	277	278	279
##	0	0.0045300113	0.0045300113	0.0067950170	0.0113250283	0.0079275198
##	1	0.0048899756	0.0040749796	0.0024449878	0.0057049715	0.0048899756
##		DifferenceTraveltoLastMeeting				
##	Y	28	280	281	282	283
##	0	0.0022650057	0.0045300113	0.0045300113	0.0056625142	0.0045300113
##	1	0.0008149959	0.0065199674	0.0024449878	0.0016299919	0.0024449878
##		DifferenceTraveltoLastMeeting				
##	Y	284	285	286	287	288
##	0	0.0011325028	0.0033975085	0.0033975085	0.0022650057	0.0011325028
##	1	0.0032599837	0.0032599837	0.0032599837	0.0032599837	0.0008149959
##		DifferenceTraveltoLastMeeting				
##	Y	289	290	291	292	293
##	0	0.0011325028	0.0011325028	0.0011325028	0.0022650057	0.0011325028

```

1 0.0016299919 0.0008149959 0.0024449878 0.0016299919 0.0016299919
DifferenceTraveltoLastMeeting
Y 294 296 298 299 30
0 0.0022650057 0.0011325028 0.0011325028 0.0022650057 0.0011325028
1 0.0008149959 0.0008149959 0.0016299919 0.0016299919 0.0008149959
DifferenceTraveltoLastMeeting
Y 300 302 303 306 307
0 0.0011325028 0.0011325028 0.0022650057 0.0011325028 0.0011325028
1 0.0008149959 0.0016299919 0.0024449878 0.0016299919 0.0008149959
DifferenceTraveltoLastMeeting
Y 308 314 315 316 318
0 0.0011325028 0.0011325028 0.0022650057 0.0022650057 0.0011325028
1 0.0016299919 0.0016299919 0.0008149959 0.0008149959 0.0016299919
DifferenceTraveltoLastMeeting
Y 32 320 322 324 325
0 0.0011325028 0.0022650057 0.0022650057 0.0011325028 0.0011325028
1 0.0016299919 0.0008149959 0.0008149959 0.0008149959 0.0008149959
DifferenceTraveltoLastMeeting
Y 327 328 333 336 342
0 0.0011325028 0.0011325028 0.0022650057 0.0022650057 0.0022650057
1 0.0016299919 0.0016299919 0.0016299919 0.0008149959 0.0008149959
DifferenceTraveltoLastMeeting
Y 345 347 348 352 354
0 0.0011325028 0.0022650057 0.0011325028 0.0022650057 0.0011325028
1 0.0008149959 0.0008149959 0.0016299919 0.0008149959 0.0008149959
DifferenceTraveltoLastMeeting
Y 356 358 367 368 369
0 0.0022650057 0.0022650057 0.0022650057 0.0011325028 0.0011325028
1 0.0008149959 0.0008149959 0.0008149959 0.0016299919 0.0016299919
DifferenceTraveltoLastMeeting
Y 376 377 38 381 383
0 0.0022650057 0.0022650057 0.0011325028 0.0011325028 0.0022650057
1 0.0008149959 0.0016299919 0.0016299919 0.0008149959 0.0016299919
DifferenceTraveltoLastMeeting
Y 384 385 389 391 392
0 0.0022650057 0.0011325028 0.0022650057 0.0022650057 0.0011325028
1 0.0008149959 0.0008149959 0.0016299919 0.0008149959 0.0008149959
DifferenceTraveltoLastMeeting
Y 395 398 402 403 410
0 0.0011325028 0.0022650057 0.0022650057 0.0022650057 0.0022650057
1 0.0008149959 0.0008149959 0.0008149959 0.0008149959 0.0016299919
DifferenceTraveltoLastMeeting
Y 412 419 425 432 434
0 0.0022650057 0.0022650057 0.0011325028 0.0011325028 0.0022650057
1 0.0008149959 0.0016299919 0.0016299919 0.0008149959 0.0008149959
DifferenceTraveltoLastMeeting
Y 437 455 456 530 63
0 0.0011325028 0.0011325028 0.0022650057 0.0022650057 0.0022650057
1 0.0008149959 0.0008149959 0.0008149959 0.0008149959 0.0008149959
DifferenceTraveltoLastMeeting
Y 651 73 749 78 80
0 0.0022650057 0.0011325028 0.0022650057 0.0022650057 0.0022650057
1 0.0008149959 0.0016299919 0.0008149959 0.0008149959 0.0008149959
DifferenceTraveltoLastMeeting

```

```

Y 82 9 91 NA
0 0.0011325028 0.0011325028 0.0011325028 0.0894677237
1 0.0016299919 0.0016299919 0.0008149959 0.1157294214
##
SchoolGradeTypeLow
Y Elementary High Middle Undefined
0 0.10658307 0.10971787 0.73667712 0.04702194
1 0.11303462 0.02851324 0.81873727 0.03971487
##
SchoolGradeTypeHigh
Y Elementary High Middle Undefined
0 0.06112853 0.19278997 0.69122257 0.05485893
1 0.09979633 0.05295316 0.79735234 0.04989817
##
SchoolGradeType
Y Elementary->Elementary Elementary->High Elementary->Middle
0 0.060653188 0.004665630 0.043545879
1 0.099290780 0.001013171 0.013171226
SchoolGradeType
Y Elementary->Undefined High->High Middle->High Middle->Middle
0 0.001555210 0.108864697 0.080870918 0.643856921
1 0.002026342 0.028368794 0.025329281 0.781155015
SchoolGradeType
Y Middle->Undefined Undefined->Undefined
0 0.009331260 0.046656299
1 0.010131712 0.039513678
##
DepartureMonth
Y April February January June March May
0 0.206250000 0.006250000 0.003125000 0.465625000 0.154687500 0.164062500
1 0.226626016 0.031504065 0.004065041 0.314024390 0.173780488 0.250000000
##
GroupGradeTypeLow
Y Elementary High K Middle PK
0 0.04851330 0.08450704 0.21126761 0.48043818 0.17527387
1 0.06103764 0.01831129 0.16887080 0.57680570 0.17497457
##
GroupGradeTypeHigh
Y Elementary High Middle
0 0.04866562 0.24960754 0.70172684
1 0.06116208 0.14373089 0.79510703
##
GroupGradeType
Y Elementary->Elementary Elementary->High Elementary->Middle High->High
0 0.003095975 0.006191950 0.041795666 0.083591331
1 0.006060606 0.002020202 0.054545455 0.018181818
GroupGradeType
Y K->Elementary K->High K->Middle Middle->High Middle->Middle
0 0.030959752 0.037151703 0.143962848 0.078947368 0.397832817
1 0.038383838 0.014141414 0.117171717 0.058585859 0.515151515
GroupGradeType
Y PK->Elementary PK->High PK->Middle
0 0.017027864 0.046439628 0.113003096
1 0.018181818 0.053535354 0.104040404

```

```
##
MajorProgramCode
Y C H I S
0 0.04702194 0.81661442 0.01567398 0.12068966
1 0.06517312 0.87372709 0.00203666 0.05906314
##
SingleGradeTripFlag
Y [,1] [,2]
0 0.2791798 0.4489503
1 0.7464213 0.4352819
##
FPP.to.School.enrollment
Y [,1] [,2]
0 0.05953886 0.06827154
1 0.07032284 0.09669931
##
FPP.to.PAX
Y [,1] [,2]
0 0.8893791 0.05658023
1 0.9067255 0.04304315
##
Num.of.Non_FPP.PAX
Y [,1] [,2]
0 2.225552 1.932816
1 3.312883 2.864432
##
SchoolSizeIndicator
Y L M-L S S-M
0 0.2053292 0.2319749 0.3197492 0.2429467
1 0.2830957 0.2769857 0.1670061 0.2729124
```

```
pred_nb <- predict(nb, newdata = test_data, type = "class")
nb_error <- mean(pred_nb != test_data$Retained.in.2012.)
nb_error
```

```
[1] 0.191067
```

```
logiModel <- glm(Retained.in.2012. ~ ., data = test_data, family = "binomial")
```

```
Warning: glm.fit: fitted probabilities numerically 0 or 1 occurred
```

```
rd <- summary(logiModel)$deviance
pvalue <- 1-pchisq(rd,54)
predictions_lr <- predict(logiModel, newdata = test_data, type = "response")
```

```
Warning in predict.lm(object, newdata, se.fit, scale = 1, type = if (type == :
prediction from a rank-deficient fit may be misleading
```

```
Pred_l <- predict(logiModel, newdata = test_data, type = "response")
```

```
Warning in predict.lm(object, newdata, se.fit, scale = 1, type = if (type == :
prediction from a rank-deficient fit may be misleading
```

```
class <- as.factor(ifelse(Pred_l >= 0.6 , "Yes", "No"))
```

```
#We have made all predictions and Calculated TN, FP, TP, FN
```

```
library(caret)
```

```
library(ROCR)
```

```
cm_nb <- table(Pred = pred_nb, Actual = test_data$Retained.in.2012.)
```

```
cm_nb
```

```
Actual
Pred 0 1
0 545 219
1 89 759
```

```
cm_dt <- table(Pred = tree_Testpred_class, Actual = test_data$Retained.in.2012.)
```

```
cm_Lg <- table(Pred = Pred_l, Actual = test_data$Retained.in.2012.)
```

```
cm_Lg
```

```
Actual
Pred 0 1
2.22044604925031e-16 627 8
1 7 970
```

```
We created a function for it and Interpreted the Output
```

```
myEval <- function(cm)
```

```
{
```

```
 TN_nb <- cm[1,1]
```

```
 TP_nb <- cm[2,2]
```

```
 FP_nb <- cm[2,1]
```

```
 FN_nb <- cm[1,2]
```

```
 accuracy <- sum(diag(cm))/sum(cm)
```

```
 return(data.frame(accuracy))
```

```
}
```

```
#Measuring accuracy of each model
```

```
myEval(cm_nb)
```

```
accuracy
1 0.808933
```

```
myEval(cm_dt)
```

```
accuracy
1 0.8151365
```

```
myEval(cm_Lg)
```

```
accuracy
1 0.6906948
```

*## We got the values differently and found that Our Decision Tree Model is the best out of all the Models.*