

EDA

Jia Yu Cheung

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Functions

```
# importing data files
# The read_data function incorporates code from (https://stackoverflow.com/questions/45109400/how-can-i)
read_data <- function(da_filepath, dict_filepath) {
  # Set path to the data file "*.DA"
  data.file <- da_filepath
  # Set path to the dictionary file "*.DCT"
  dict.file <- dict_filepath
  # Read the dictionary file
  df.dict <- read.table(dict.file, skip = 2, fill = TRUE, stringsAsFactors = FALSE)
  # Set column names for dictionary dataframe
  colnames(df.dict) <- c("col.num", "col.type", "col.name", "col.width", "col.lbl")
  # Remove last row which only contains a closing }
  df.dict <- df.dict[-nrow(df.dict),]
  # Extract numeric value from column width field
  df.dict$col.width <- as.integer(sapply(df.dict$col.width, gsub, pattern = "[^0-9\\.]", replacement = ""))
  # Convert column types to format to be used with read_fwf function
  df.dict$col.type <- sapply(df.dict$col.type, function(x) ifelse(x %in% c("int", "byte", "long"), "i", "f"))
  # Read the data file into a dataframe
  df <- read_fwf(file = data.file, fwf_widths(widths = df.dict$col.width, col_names = df.dict$col.name))
  # Add column labels to headers
  attributes(df)$variable.labels <- df.dict$col.lbl
  return(df)
}

splitdata <- function(probability, df) {
  #sample = sample(c(TRUE, FALSE), nrow(df), replace=TRUE, probs=c(0.7,0.3))
  #train = df[sample, ]
  #test = df[!sample, ]
  sample <- sample.split(df, SplitRatio = probability)
  train <- subset(df, sample == TRUE)
  test <- subset(df, sample == FALSE)
  return(list(train, test))
}

remove3SD <- function(df, col, colname){
  sd = 3*sd(col)
  mean = mean(col)
  df_no_out = filter(df,
    colname <= mean + sd &
    colname >= mean - sd)
  return(df_no_out)
}
```

#Import Data Sets

```
# Study Data Sets

df_physexam = read_data("~/Desktop/adams1a/adams1ada/ADAMS1AB_R.da", "~/Desktop/adams1a/adams1asta/ADAMS1AB_R.da")
df_score = read_data("~/Desktop/adams1a/adams1ada/ADAMS1AD_R.da", "~/Desktop/adams1a/adams1asta/ADAMS1AD_R.da")
df_dailyactivities = read_data("~/Desktop/adams1a/adams1ada/ADAMS1AG_R.da", "~/Desktop/adams1a/adams1asta/ADAMS1AG_R.da")
df_neuroexam = read_data("~/Desktop/adams1a/adams1ada/ADAMS1AN_R.da", "~/Desktop/adams1a/adams1asta/ADAMS1AN_R.da")
```

Consolidate dataframes

```
# Consolidating Data: adding dementia score as a column
raw_data = merge(df_dailyactivities, df_neuroexam, by="ADAMSSID")
raw_data = merge(raw_data, df_physexam, by="ADAMSSID")
raw_data = merge(raw_data, df_score[,c("ADAMSSID", "ADCDRSTG")], by="ADAMSSID", how = 'left', all.x = TRUE)
```

#Split Data into Training and Test data

#Rename Columns of interest

```
raw_data <- raw_data %>%
  rename("Television" = "AGQ1",
         "BoardGames" = "AGQ5",
         "ArtsCraft" = "AGQ7",
         "Write" = "AGQ8",
         "Computer" = "AGQ9",
         "CurrentEvents" = "AGQ10",
         "Memory" = "AGQ11",
         "Judgement" = "AGQ12",
         "Organization" = "AGQ13",
         "RecallConvo" = "AGQ16",
         "RememberUsingThings" = "AGQ21",
         "Learning" = "AGQ23",
         "FollowingStory" = "AGQ24",
         "DecisionMaking" = "AGQ25",
         "Arithmetic" = "AGQ28",
         "Reasoning" = "AGQ29",
         "GetAcrossRoom" = "AGQ30A",
         "Bathing" = "AGQ30C",
         "Eating" = "AGQ30D",
         "GetOutOfBed" = "AGQ30E",
         "MMSE_score" = "ANMSETOT",
         "Animal_fluency_score" = "ANAFOTOT",
         "Boston_naming_test" = "ANBNTTOT",
         "Construction_praxis_score" = "ANDCPTOT",
         "Del_word_list_memory" = "ANDELCOR",
         "IMM_word_list_recog" = "ANIMMCR2",
         "Word_list_recognition" = "ANRECYES",
         "Wechsler_logical_memory" = "ANWM1TOT",
         "Fuld_object_memory" = "ANFULSC2",
         "Benton_vis_reten" = "ANVRTCOR",
```

```

"Weight" = "ABWEIGHT",
"Height" = "ABHEIGHT",
"Pulse_obliteration_pressure" = "ABPULSE",
"Vision" = "ABVISN2",
"BPM" = "ABBPBEAT",
"SystolicBP" = "ABBPSYS1",
"DiastolicBP" = "ABBPDIA1")

```

```
# Isolate subset of raw data
```

```

data_subset = raw_data %>% dplyr::select(Television, BoardGames, ArtsCraft, Write, Computer, CurrentEvents,
RecallConvo, RememberUsingThings, Learning, FollowingStory, DecisionMaking, GetAcrossRoom, Bathing, Eating, GetOutOfBed, MMSE_score, Animal_fluency,
Construction_praxis_score, Del_word_list_memory, IMM_word_list_recog,
Wechsler_logical_memory, Fuld_object_memory, Benton_vis_reten, Weight, Vision, BPM, SystolicBP, DiastolicBP, ADCDRSTG)

```

Section 1: EDA

```
#EDA: Missingness
```

```

# Quantify missingness
summary(data_subset)

```

```

##      Television      BoardGames      ArtsCraft      Write      Computer
##  Min.      :1.000    Min.      :1.00    Min.      :1.000    Min.      :1.000    Min.      :1.000
## 1st Qu.:1.000    1st Qu.:3.00    1st Qu.:3.000    1st Qu.:3.000    1st Qu.:4.000
## Median :1.000    Median :4.00    Median :4.000    Median :4.000    Median :4.000
## Mean   :1.358    Mean   :3.41    Mean   :3.549    Mean   :3.295    Mean   :3.624
## 3rd Qu.:1.000    3rd Qu.:4.00    3rd Qu.:4.000    3rd Qu.:4.000    3rd Qu.:4.000
## Max.   :4.000    Max.   :4.00    Max.   :4.000    Max.   :4.000    Max.   :8.000
## NA's   :9        NA's   :14     NA's   :14     NA's   :12     NA's   :16
## CurrentEvents      Memory      Judgement      Organization
##  Min.      :1.000    Min.      :1.000    Min.      :1.000    Min.      :1.000
## 1st Qu.:1.000    1st Qu.:2.000    1st Qu.:2.000    1st Qu.:2.000
## Median :1.000    Median :3.000    Median :3.000    Median :3.000
## Mean   :1.984    Mean   :2.962    Mean   :2.883    Mean   :2.809
## 3rd Qu.:3.000    3rd Qu.:4.000    3rd Qu.:4.000    3rd Qu.:4.000
## Max.   :8.000    Max.   :5.000    Max.   :5.000    Max.   :5.000
## NA's   :9        NA's   :15     NA's   :16     NA's   :17
## RecallConvo      RememberUsingThings      Learning      FollowingStory
##  Min.      :1.000    Min.      :1.000    Min.      :1.00    Min.      :1.000
## 1st Qu.:3.000    1st Qu.:3.000    1st Qu.:3.00    1st Qu.:3.000
## Median :3.000    Median :3.000    Median :3.00    Median :3.000
## Mean   :3.398    Mean   :3.352    Mean   :3.44    Mean   :3.314
## 3rd Qu.:4.000    3rd Qu.:4.000    3rd Qu.:4.00    3rd Qu.:4.000
## Max.   :5.000    Max.   :8.000    Max.   :7.00    Max.   :8.000
## NA's   :17     NA's   :12     NA's   :12     NA's   :11
## DecisionMaking      Arithmetic      Reasoning      GetAcrossRoom
##  Min.      :1.000    Min.      :1.000    Min.      :1.000    Min.      :1.000
## 1st Qu.:3.000    1st Qu.:3.000    1st Qu.:3.000    1st Qu.:1.000
## Median :3.000    Median :3.000    Median :3.000    Median :5.000
## Mean   :3.339    Mean   :3.369    Mean   :3.318    Mean   :3.829
## 3rd Qu.:4.000    3rd Qu.:4.000    3rd Qu.:4.000    3rd Qu.:5.000
## Max.   :5.000    Max.   :7.000    Max.   :5.000    Max.   :5.000

```

```
## NA's :9      NA's :20      NA's :9      NA's :13
## Bathing      Eating      GetOutOfBed      MMSE_score
## Min. :1.000  Min. :1.000  Min. :1.000  Min. : 0.00
## 1st Qu.:1.000 1st Qu.:5.000 1st Qu.:5.000 1st Qu.:18.00
## Median :5.000 Median :5.000 Median :5.000 Median :24.00
## Mean :3.654 Mean :4.388 Mean :4.056 Mean :24.89
## 3rd Qu.:5.000 3rd Qu.:5.000 3rd Qu.:5.000 3rd Qu.:28.00
## Max. :5.000 Max. :5.000 Max. :5.000 Max. :97.00
## NA's :13      NA's :19      NA's :15
## Animal_fluency_score Boston_naming_test Construction_praxis_score
## Min. : 0      Min. : 0.00      Min. : 0.00
## 1st Qu.: 8      1st Qu.:10.00      1st Qu.: 2.00
## Median :12      Median :13.00      Median : 6.00
## Mean :18      Mean :16.65      Mean :17.67
## 3rd Qu.:17      3rd Qu.:14.00      3rd Qu.: 9.00
## Max. :97      Max. :97.00      Max. :97.00
##
## Del_word_list_memory IMM_word_list_recog Word_list_recognition
## Min. : 0.00      Min. : 0.00      Min. : 0.00
## 1st Qu.: 1.00      1st Qu.: 3.00      1st Qu.: 7.75
## Median : 4.00      Median : 5.00      Median : 9.00
## Mean :10.74      Mean :11.04      Mean :15.87
## 3rd Qu.: 6.00      3rd Qu.: 7.00      3rd Qu.:10.00
## Max. :97.00      Max. :97.00      Max. :97.00
##
## Wechsler_logical_memory Fuld_object_memory Benton_vis_reten      Weight
## Min. : 0.00      Min. : 0.00      Min. : 0.00      Min. : 71.0
## 1st Qu.: 7.00      1st Qu.: 6.00      1st Qu.: 2.00      1st Qu.:134.8
## Median :15.00      Median : 8.00      Median : 4.00      Median :159.0
## Mean :23.39      Mean :21.51      Mean :24.96      Mean :184.4
## 3rd Qu.:24.00      3rd Qu.: 9.00      3rd Qu.: 8.00      3rd Qu.:185.0
## Max. :97.00      Max. :97.00      Max. :97.00      Max. :998.0
##
## Height      Pulse_obliteration_pressure      Vision      BPM
## Min. : 39.0      Min. : 78.0      Min. : 20.0      Min. : 37.00
## 1st Qu.: 62.0      1st Qu.:120.0      1st Qu.: 30.0      1st Qu.: 63.00
## Median : 66.0      Median :140.0      Median : 60.0      Median : 72.00
## Mean :104.2      Mean :166.9      Mean :432.2      Mean : 78.34
## 3rd Qu.: 69.0      3rd Qu.:150.0      3rd Qu.:997.0      3rd Qu.: 80.00
## Max. :998.0      Max. :998.0      Max. :997.0      Max. :998.00
## NA's :7      NA's :4
## SystolicBP      DiastolicBP      ADCDRSTG
## Min. : 82.0      Min. : 40.00      Min. : 0.000
## 1st Qu.:120.0      1st Qu.: 64.00      1st Qu.: 0.000
## Median :132.0      Median : 70.00      Median : 0.500
## Mean :138.7      Mean : 76.57      Mean : 1.085
## 3rd Qu.:150.0      3rd Qu.: 80.00      3rd Qu.: 1.000
## Max. :998.0      Max. :998.00      Max. :97.000
## NA's :6      NA's :6
```

```
# Mean Imputation (https://www.geeksforgeeks.org/replace-missing-values-by-column-mean-in-r-dataframe/)
m <- c()
for(i in colnames(data_subset)){
  # compute mean for all columns
}
```

```

mean_value <- mean(data_subset[,i],na.rm = TRUE)
m <- append(m,mean_value)
}

# adding column names to matrix
a <- matrix(m,nrow=1)
colnames(a) <- colnames(data_subset)
a

##      Television BoardGames ArtsCraft   Write Computer CurrentEvents   Memory
## [1,]   1.357823   3.409589  3.549315 3.295082 3.623626         1.983673 2.961591
##      Judgement Organization RecallConvo RememberUsingThings Learning
## [1,]   2.883242   2.808803   3.397524         3.352459 3.439891
##      FollowingStory DecisionMaking Arithmetic Reasoning GetAcrossRoom   Bathing
## [1,]         3.313779         3.338776   3.368785   3.318367         3.829001 3.653899
##      Eating GetOutOfBed MMSE_score Animal_fluency_score Boston_naming_test
## [1,] 4.387586   4.056241   24.89382         18.00269         16.64516
##      Construction_praxis_score Del_word_list_memory IMM_word_list_recog
## [1,]         17.66935         10.74328         11.04435
##      Word_list_recognition Wechsler_logical_memory Fuld_object_memory
## [1,]         15.87231         23.38844         21.51478
##      Benton_vis_reten   Weight   Height Pulse_obliteration_pressure   Vision
## [1,]         24.95968 184.4005 104.1882         166.9471 432.1801
##      BPM SystolicBP DiastolicBP ADCDRSTG
## [1,] 78.33919 138.6938   76.56911 1.084677

data = data_subset
for(i in colnames(data))
  data[,i][is.na(data[,i])] <- a[,i]
data

##      Television BoardGames ArtsCraft   Write Computer CurrentEvents   Memory
## 1      1.000000   4.000000  4.000000 2.000000 4.000000         1.000000 1.000000
## 2      1.000000   2.000000  4.000000 4.000000 4.000000         2.000000 2.000000
## 3      1.000000   4.000000  4.000000 4.000000 4.000000         1.000000 4.000000
## 4      1.000000   4.000000  4.000000 4.000000 4.000000         1.000000 4.000000
## 5      1.000000   4.000000  4.000000 4.000000 3.623626         4.000000 3.000000
## 6      1.000000   4.000000  4.000000 2.000000 4.000000         4.000000 4.000000
## 7      1.000000   1.000000  3.000000 2.000000 1.000000         1.000000 1.000000
## 8      1.000000   3.000000  3.000000 1.000000 2.000000         1.000000 3.000000
## 9      1.357823   3.409589  3.549315 3.295082 3.623626         1.983673 1.000000
## 10     2.000000   2.000000  1.000000 2.000000 1.000000         1.000000 1.000000
## 11     4.000000   4.000000  4.000000 4.000000 4.000000         2.000000 3.000000
## 12     1.000000   4.000000  4.000000 4.000000 4.000000         4.000000 3.000000
## 13     1.000000   4.000000  4.000000 4.000000 4.000000         1.000000 3.000000
## 14     1.000000   4.000000  4.000000 4.000000 4.000000         2.000000 1.000000
## 15     1.000000   2.000000  1.000000 4.000000 4.000000         1.000000 2.000000
## 16     4.000000   4.000000  4.000000 4.000000 4.000000         4.000000 2.961591
## 17     1.000000   4.000000  1.000000 2.000000 4.000000         1.000000 1.000000
## 18     1.000000   4.000000  4.000000 3.000000 4.000000         1.000000 4.000000
## 19     1.000000   4.000000  4.000000 4.000000 4.000000         2.000000 2.000000
## 20     1.000000   1.000000  2.000000 3.000000 4.000000         2.000000 1.000000
## 21     1.000000   1.000000  2.000000 2.000000 4.000000         1.000000 1.000000
## 22     1.000000   2.000000  4.000000 2.000000 4.000000         1.000000 1.000000
## 23     1.357823   3.409589  3.549315 3.295082 3.623626         1.983673 5.000000

```

| | | | | | | | |
|-------|----------|----------|----------|----------|----------|----------|----------|
| ## 24 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 25 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 26 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 27 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 28 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 29 | 1.000000 | 1.000000 | 3.549315 | 3.295082 | 3.623626 | 1.000000 | 2.961591 |
| ## 30 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 31 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 32 | 1.000000 | 4.000000 | 3.549315 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 33 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 34 | 1.000000 | 3.409589 | 4.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 35 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 |
| ## 36 | 1.000000 | 4.000000 | 3.549315 | 4.000000 | 3.623626 | 1.000000 | 4.000000 |
| ## 37 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 38 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 39 | 4.000000 | 4.000000 | 3.549315 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 40 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 |
| ## 41 | 1.000000 | 3.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 42 | 1.000000 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 43 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 44 | 1.000000 | 4.000000 | 2.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 45 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 46 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 47 | 1.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 48 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 49 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 |
| ## 50 | 1.000000 | 2.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 51 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 52 | 1.000000 | 1.000000 | 4.000000 | 2.000000 | 3.623626 | 1.000000 | 4.000000 |
| ## 53 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 54 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 55 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 | 2.000000 | 3.000000 |
| ## 56 | 1.000000 | 4.000000 | 1.000000 | 3.000000 | 1.000000 | 2.000000 | 2.000000 |
| ## 57 | 1.000000 | 4.000000 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 58 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 59 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 60 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 61 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 62 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 63 | 1.357823 | 3.409589 | 3.549315 | 3.295082 | 3.623626 | 1.983673 | 5.000000 |
| ## 64 | 2.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 65 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 66 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 67 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 68 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 69 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 70 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 71 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 72 | 1.000000 | 1.000000 | 1.000000 | 2.000000 | 3.000000 | 2.000000 | 2.000000 |
| ## 73 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 74 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 75 | 2.000000 | 2.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 76 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 77 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |

| | | | | | | | |
|--------|----------|----------|----------|----------|----------|----------|----------|
| ## 78 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 79 | 1.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 2.000000 | 3.000000 |
| ## 80 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 81 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 4.000000 |
| ## 82 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 83 | 1.000000 | 4.000000 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 84 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 85 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 86 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 87 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 88 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 89 | 1.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 90 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 91 | 1.000000 | 2.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 92 | 1.000000 | 4.000000 | 1.000000 | 1.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 93 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 94 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 95 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 96 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 97 | 1.000000 | 4.000000 | 2.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 98 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 99 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 100 | 1.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 101 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 102 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 103 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 104 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 105 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
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| ## 107 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 108 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 109 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 110 | 2.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 111 | 1.000000 | 4.000000 | 1.000000 | 3.295082 | 3.623626 | 1.000000 | 2.000000 |
| ## 112 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 113 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 114 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 115 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 116 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 117 | 1.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 118 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 3.000000 |
| ## 119 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
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| ## 129 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
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| ## 207 | 1.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 2.000000 |
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| ## 216 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 | 3.000000 |
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| ## 218 | 1.000000 | 2.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
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| ## 220 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 221 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 | 2.000000 | 2.000000 |
| ## 222 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 223 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 2.000000 |
| ## 224 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 225 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
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| ## 227 | 1.000000 | 1.000000 | 3.000000 | 2.000000 | 2.000000 | 1.000000 | 1.000000 |
| ## 228 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 229 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 2.000000 | 2.000000 |
| ## 230 | 1.000000 | 2.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 231 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 232 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 233 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
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| ## 235 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 2.000000 | 1.000000 |
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| ## 237 | 1.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 2.961591 |
| ## 238 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
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|--------|----------|----------|----------|----------|----------|----------|----------|
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| ## 248 | 1.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 249 | 1.000000 | 3.000000 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 250 | 1.357823 | 3.409589 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 251 | 1.357823 | 3.409589 | 3.549315 | 3.295082 | 3.623626 | 1.983673 | 5.000000 |
| ## 252 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 253 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 254 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 255 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 2.000000 |
| ## 256 | 1.000000 | 4.000000 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 2.000000 |
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| ## 261 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 262 | 1.357823 | 3.409589 | 3.549315 | 3.295082 | 3.623626 | 1.983673 | 2.000000 |
| ## 263 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
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| ## 270 | 1.000000 | 2.000000 | 3.000000 | 1.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 271 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 272 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
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| ## 275 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 276 | 1.000000 | 4.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 2.961591 |
| ## 277 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 278 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 279 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 280 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 281 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 282 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 283 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 284 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 285 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
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| ## 294 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 295 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 3.000000 |
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| ## 297 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 298 | 1.000000 | 1.000000 | 2.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 299 | 1.357823 | 3.409589 | 3.549315 | 3.295082 | 3.623626 | 1.983673 | 4.000000 |
| ## 300 | 1.000000 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 301 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 302 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 | 1.000000 | 3.000000 |
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| ## 304 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
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| ## 306 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 307 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 2.000000 | 2.000000 |
| ## 308 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 309 | 1.357823 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 310 | 1.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
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| ## 312 | 1.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
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| ## 314 | 1.000000 | 3.000000 | 1.000000 | 1.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 315 | 1.000000 | 4.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 | 2.000000 |
| ## 316 | 1.000000 | 3.000000 | 2.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
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| ## 320 | 1.000000 | 4.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 321 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 322 | 1.000000 | 3.000000 | 2.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 323 | 1.000000 | 2.000000 | 3.000000 | 1.000000 | 1.000000 | 1.000000 | 2.961591 |
| ## 324 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 325 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 326 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 2.000000 | 1.000000 | 2.000000 |
| ## 327 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 328 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
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| ## 330 | 1.000000 | 4.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 331 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 5.000000 |
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| ## 335 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
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|--------|----------|----------|----------|----------|----------|----------|----------|
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| ## 365 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
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| ## 367 | 1.000000 | 2.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
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| ## 369 | 1.000000 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 370 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 371 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
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| ## 373 | 1.000000 | 1.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
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| ## 375 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
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| ## 377 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 378 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 379 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 380 | 1.000000 | 2.000000 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 5.000000 |
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| ## 382 | 1.000000 | 2.000000 | 2.000000 | 4.000000 | 4.000000 | 8.000000 | 4.000000 |
| ## 383 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 384 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 385 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 386 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 387 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 388 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
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| ## 390 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 391 | 1.000000 | 2.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 392 | 2.000000 | 4.000000 | 3.000000 | 3.000000 | 2.000000 | 2.000000 | 3.000000 |
| ## 393 | 1.000000 | 4.000000 | 1.000000 | 3.000000 | 3.000000 | 1.000000 | 3.000000 |
| ## 394 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 395 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 396 | 1.000000 | 3.409589 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 397 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 398 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 399 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 400 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 401 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |

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|--------|----------|----------|----------|----------|----------|----------|----------|
| ## 402 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 403 | 1.000000 | 3.409589 | 3.549315 | 3.295082 | 3.623626 | 1.983673 | 3.000000 |
| ## 404 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 405 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 406 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 407 | 1.000000 | 1.000000 | 2.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 408 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 409 | 1.000000 | 3.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 410 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 411 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 412 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 413 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 414 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 415 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 416 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 | 2.000000 |
| ## 417 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 418 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 419 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 420 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 421 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 422 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 423 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 424 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 425 | 1.000000 | 1.000000 | 3.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 426 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 427 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 |
| ## 428 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 429 | 1.000000 | 2.000000 | 2.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 430 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 431 | 1.000000 | 2.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 432 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 2.000000 | 1.000000 |
| ## 433 | 2.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 |
| ## 434 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 435 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 436 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 437 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 438 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 439 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 |
| ## 440 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 441 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 442 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 443 | 1.000000 | 4.000000 | 2.000000 | 2.000000 | 3.000000 | 1.000000 | 4.000000 |
| ## 444 | 1.000000 | 2.000000 | 2.000000 | 2.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 445 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 446 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 447 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 448 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 449 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 2.961591 |
| ## 450 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 |
| ## 451 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 |
| ## 452 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 453 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 454 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 455 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 |

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|--------|----------|----------|----------|----------|----------|----------|----------|
| ## 456 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 457 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.961591 |
| ## 458 | 1.000000 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 459 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 460 | 1.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 461 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 462 | 1.000000 | 1.000000 | 3.000000 | 2.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 463 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 |
| ## 464 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 465 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 466 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 467 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 468 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 469 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 470 | 1.000000 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 471 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 472 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 473 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 474 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 475 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 476 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 477 | 3.000000 | 1.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 478 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 479 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 480 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 481 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 1.000000 | 2.000000 | 2.000000 |
| ## 482 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 483 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 484 | 4.000000 | 4.000000 | 3.000000 | 3.295082 | 3.623626 | 4.000000 | 4.000000 |
| ## 485 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 486 | 1.000000 | 2.000000 | 2.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 487 | 1.000000 | 2.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 488 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 489 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 490 | 4.000000 | 3.000000 | 2.000000 | 3.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 491 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 492 | 1.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 493 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 494 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 495 | 1.000000 | 2.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 | 3.000000 |
| ## 496 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 497 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 498 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 499 | 1.000000 | 2.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 500 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 501 | 1.000000 | 4.000000 | 3.000000 | 2.000000 | 2.000000 | 1.000000 | 2.000000 |
| ## 502 | 1.000000 | 4.000000 | 1.000000 | 1.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 503 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 4.000000 |
| ## 504 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 505 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 506 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 507 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 |
| ## 508 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 509 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 3.000000 |

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|--------|----------|----------|----------|----------|----------|----------|----------|
| ## 510 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 511 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 512 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 513 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 514 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 515 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 516 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 517 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 518 | 1.000000 | 3.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 519 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 520 | 1.000000 | 2.000000 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 521 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 522 | 1.000000 | 3.000000 | 1.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 523 | 1.000000 | 1.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 3.000000 |
| ## 524 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 525 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 526 | 1.000000 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 527 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 528 | 1.000000 | 3.000000 | 3.000000 | 2.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 529 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 530 | 1.000000 | 4.000000 | 3.000000 | 1.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 531 | 2.000000 | 4.000000 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 532 | 1.000000 | 2.000000 | 3.000000 | 1.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 533 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 534 | 1.000000 | 2.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 535 | 1.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 |
| ## 536 | 1.000000 | 4.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 537 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 538 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 539 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 540 | 1.000000 | 3.000000 | 2.000000 | 3.000000 | 1.000000 | 2.000000 | 3.000000 |
| ## 541 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 542 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 543 | 1.000000 | 2.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 544 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 545 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 546 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 547 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 |
| ## 548 | 1.000000 | 3.409589 | 3.549315 | 3.295082 | 3.623626 | 1.000000 | 4.000000 |
| ## 549 | 1.000000 | 1.000000 | 1.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 550 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 551 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 552 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 553 | 1.000000 | 3.409589 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 554 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 555 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 556 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.983673 | 3.000000 |
| ## 557 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 2.000000 | 1.000000 | 3.000000 |
| ## 558 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 559 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 560 | 1.000000 | 4.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 561 | 1.000000 | 4.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 562 | 1.000000 | 1.000000 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 2.000000 |
| ## 563 | 1.000000 | 4.000000 | 2.000000 | 2.000000 | 1.000000 | 1.000000 | 1.000000 |

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|--------|----------|----------|----------|----------|----------|----------|----------|
| ## 564 | 1.000000 | 2.000000 | 3.549315 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 565 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 8.000000 | 1.000000 | 1.000000 |
| ## 566 | 1.000000 | 1.000000 | 4.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 567 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 568 | 1.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 | 2.961591 |
| ## 569 | 1.000000 | 4.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 570 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 571 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 572 | 1.000000 | 1.000000 | 1.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 573 | 2.000000 | 4.000000 | 2.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 574 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 575 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 576 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 577 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 578 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 579 | 1.000000 | 1.000000 | 1.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 580 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 581 | 1.000000 | 2.000000 | 3.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 582 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## 583 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 584 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 585 | 1.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 |
| ## 586 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 587 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 3.000000 |
| ## 588 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 589 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 590 | 1.000000 | 3.000000 | 2.000000 | 2.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 591 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 592 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 593 | 1.000000 | 4.000000 | 2.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 594 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 595 | 1.000000 | 4.000000 | 3.000000 | 2.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 596 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 597 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 598 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 599 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 600 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 601 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 602 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 603 | 1.000000 | 1.000000 | 2.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 604 | 1.000000 | 3.000000 | 1.000000 | 2.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 605 | 1.000000 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 |
| ## 606 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 607 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 608 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 609 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 610 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 611 | 1.000000 | 1.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 | 2.961591 |
| ## 612 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 613 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 614 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 615 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 616 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 617 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |

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|--------|----------|----------|----------|----------|----------|----------|----------|
| ## 618 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 619 | 1.000000 | 2.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 620 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 621 | 1.357823 | 3.409589 | 3.549315 | 3.295082 | 3.623626 | 1.983673 | 3.000000 |
| ## 622 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 623 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 624 | 1.000000 | 2.000000 | 3.000000 | 2.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 625 | 1.000000 | 1.000000 | 4.000000 | 1.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 626 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 627 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 628 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 629 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 630 | 1.000000 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 631 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 632 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 633 | 1.000000 | 3.000000 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 634 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 | 2.000000 | 1.000000 |
| ## 635 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 636 | 1.000000 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 637 | 1.000000 | 4.000000 | 2.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 638 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 639 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 640 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 641 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 3.000000 | 2.000000 |
| ## 642 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 643 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 644 | 1.000000 | 2.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 645 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 646 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 |
| ## 647 | 1.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 648 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 2.000000 |
| ## 649 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 650 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 651 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 652 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 653 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 654 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 655 | 1.000000 | 2.000000 | 3.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 656 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 |
| ## 657 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 | 3.000000 |
| ## 658 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 659 | 1.000000 | 3.000000 | 2.000000 | 2.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 660 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 661 | 1.000000 | 4.000000 | 1.000000 | 1.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 662 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 663 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 664 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 1.000000 | 2.000000 | 1.000000 |
| ## 665 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 666 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 667 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 668 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 669 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 670 | 1.000000 | 4.000000 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 671 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |

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|--------|----------|----------|----------|----------|----------|----------|----------|
| ## 672 | 1.000000 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 673 | 1.000000 | 3.000000 | 3.000000 | 2.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 674 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 675 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 676 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 2.000000 |
| ## 677 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 678 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 679 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 680 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 681 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 | 4.000000 | 1.000000 |
| ## 682 | 1.000000 | 4.000000 | 1.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 683 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 | 4.000000 |
| ## 684 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 685 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 686 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 687 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 688 | 1.000000 | 3.000000 | 2.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 689 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 690 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 2.000000 | 1.000000 | 1.000000 |
| ## 691 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 692 | 1.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 | 2.000000 | 3.000000 |
| ## 693 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 694 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 695 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 696 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 697 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 698 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 699 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 2.000000 |
| ## 700 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 701 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 |
| ## 702 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 703 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 704 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 705 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 706 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 707 | 1.000000 | 3.409589 | 2.000000 | 3.000000 | 3.623626 | 1.000000 | 2.000000 |
| ## 708 | 1.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 709 | 1.000000 | 4.000000 | 3.000000 | 2.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 710 | 1.000000 | 4.000000 | 2.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 711 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 712 | 2.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 713 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 714 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 715 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 716 | 1.000000 | 1.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 | 2.000000 |
| ## 717 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 2.961591 |
| ## 718 | 1.000000 | 4.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 719 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 2.000000 |
| ## 720 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 |
| ## 721 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 722 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 723 | 1.000000 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 724 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 2.000000 | 1.000000 | 1.000000 |
| ## 725 | 1.000000 | 2.000000 | 3.000000 | 2.000000 | 1.000000 | 1.000000 | 2.000000 |

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|--------|-----------|--------------|-------------|---------------------|----------|----------|----------|
| ## 726 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 727 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 2.000000 | 1.000000 | 1.000000 |
| ## 728 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 729 | 1.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 730 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 731 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 732 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 733 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 2.000000 |
| ## 734 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 735 | 1.000000 | 2.000000 | 4.000000 | 2.000000 | 2.000000 | 1.000000 | 2.000000 |
| ## 736 | 1.000000 | 4.000000 | 3.000000 | 2.000000 | 1.000000 | 1.000000 | 3.000000 |
| ## 737 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 738 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 |
| ## 739 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 740 | 1.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 3.000000 |
| ## 741 | 1.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 | 4.000000 |
| ## 742 | 1.000000 | 4.000000 | 2.000000 | 3.000000 | 4.000000 | 2.000000 | 5.000000 |
| ## 743 | 1.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 4.000000 |
| ## 744 | 1.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 2.000000 | 4.000000 |
| ## | Judgement | Organization | RecallConvo | RememberUsingThings | Learning | | |
| ## 1 | 1.000000 | 1.000000 | 2.000000 | | 2.000000 | 1.000000 | |
| ## 2 | 3.000000 | 3.000000 | 2.000000 | | 3.000000 | 3.000000 | |
| ## 3 | 4.000000 | 3.000000 | 5.000000 | | 4.000000 | 3.000000 | |
| ## 4 | 4.000000 | 3.000000 | 4.000000 | | 4.000000 | 5.000000 | |
| ## 5 | 3.000000 | 3.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 6 | 3.000000 | 4.000000 | 3.000000 | | 2.000000 | 3.000000 | |
| ## 7 | 1.000000 | 1.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 8 | 2.000000 | 2.000000 | 3.000000 | | 3.000000 | 4.000000 | |
| ## 9 | 1.000000 | 1.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 10 | 2.000000 | 1.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 11 | 3.000000 | 3.000000 | 4.000000 | | 3.000000 | 4.000000 | |
| ## 12 | 3.000000 | 3.000000 | 3.000000 | | 5.000000 | 4.000000 | |
| ## 13 | 3.000000 | 2.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 14 | 1.000000 | 1.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 15 | 2.000000 | 2.000000 | 4.000000 | | 2.000000 | 3.000000 | |
| ## 16 | 2.883242 | 2.808803 | 3.397524 | | 5.000000 | 5.000000 | |
| ## 17 | 1.000000 | 1.000000 | 3.000000 | | 3.000000 | 4.000000 | |
| ## 18 | 3.000000 | 3.000000 | 4.000000 | | 3.000000 | 4.000000 | |
| ## 19 | 2.000000 | 2.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 20 | 1.000000 | 1.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 21 | 1.000000 | 1.000000 | 3.000000 | | 3.000000 | 2.000000 | |
| ## 22 | 1.000000 | 1.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 23 | 5.000000 | 5.000000 | 5.000000 | | 5.000000 | 5.000000 | |
| ## 24 | 2.000000 | 2.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 25 | 3.000000 | 2.000000 | 5.000000 | | 3.000000 | 3.000000 | |
| ## 26 | 1.000000 | 2.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 27 | 5.000000 | 5.000000 | 5.000000 | | 5.000000 | 5.000000 | |
| ## 28 | 3.000000 | 4.000000 | 4.000000 | | 4.000000 | 4.000000 | |
| ## 29 | 2.883242 | 2.808803 | 3.397524 | | 1.000000 | 2.000000 | |
| ## 30 | 5.000000 | 4.000000 | 4.000000 | | 4.000000 | 4.000000 | |
| ## 31 | 5.000000 | 5.000000 | 5.000000 | | 3.352459 | 5.000000 | |
| ## 32 | 2.000000 | 2.000000 | 3.000000 | | 3.000000 | 3.000000 | |
| ## 33 | 1.000000 | 1.000000 | 3.000000 | | 3.000000 | 1.000000 | |
| ## 34 | 1.000000 | 3.000000 | 1.000000 | | 1.000000 | 1.000000 | |

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|-------|----------|----------|----------|----------|----------|
| ## 35 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 36 | 2.000000 | 3.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 37 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 38 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 39 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 40 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 41 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 42 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 43 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 44 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 45 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 46 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 47 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 48 | 4.000000 | 3.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 49 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 50 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 51 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 52 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 |
| ## 53 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 54 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 55 | 2.000000 | 3.000000 | 4.000000 | 3.352459 | 3.439891 |
| ## 56 | 3.000000 | 2.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 57 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 58 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 59 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 60 | 2.000000 | 2.000000 | 3.000000 | 4.000000 | 3.000000 |
| ## 61 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 62 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 63 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 64 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 |
| ## 65 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 66 | 3.000000 | 4.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 67 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 68 | 2.000000 | 3.000000 | 2.000000 | 3.000000 | 2.000000 |
| ## 69 | 3.000000 | 3.000000 | 5.000000 | 4.000000 | 4.000000 |
| ## 70 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 71 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 72 | 2.000000 | 4.000000 | 2.000000 | 1.000000 | 2.000000 |
| ## 73 | 5.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 74 | 2.000000 | 1.000000 | 1.000000 | 1.000000 | 3.000000 |
| ## 75 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 76 | 2.000000 | 2.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 77 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 78 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 79 | 3.000000 | 3.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 80 | 5.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 81 | 4.000000 | 3.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 82 | 2.000000 | 1.000000 | 4.000000 | 3.352459 | 3.000000 |
| ## 83 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 84 | 5.000000 | 5.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 85 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 4.000000 |
| ## 86 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 87 | 3.000000 | 2.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 88 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |

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|--------|----------|----------|----------|----------|----------|
| ## 89 | 3.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 90 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 91 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 92 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 93 | 4.000000 | 5.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 94 | 2.000000 | 1.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 95 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 3.000000 |
| ## 96 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 97 | 2.000000 | 2.000000 | 1.000000 | 2.000000 | 2.000000 |
| ## 98 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 99 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 100 | 1.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 101 | 1.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 102 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 103 | 4.000000 | 3.000000 | 5.000000 | 5.000000 | 4.000000 |
| ## 104 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 105 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 106 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 107 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 108 | 5.000000 | 1.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 109 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 110 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 111 | 2.000000 | 1.000000 | 1.000000 | 2.000000 | 2.000000 |
| ## 112 | 2.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 113 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 114 | 2.000000 | 2.000000 | 3.000000 | 2.000000 | 2.000000 |
| ## 115 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 4.000000 |
| ## 116 | 4.000000 | 5.000000 | 5.000000 | 4.000000 | 4.000000 |
| ## 117 | 5.000000 | 5.000000 | 5.000000 | 4.000000 | 4.000000 |
| ## 118 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 119 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 120 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 121 | 5.000000 | 5.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 122 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 123 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 124 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 125 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 126 | 5.000000 | 5.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 127 | 3.000000 | 5.000000 | 2.000000 | 5.000000 | 3.000000 |
| ## 128 | 5.000000 | 5.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 129 | 2.000000 | 2.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 130 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 131 | 4.000000 | 4.000000 | 4.000000 | 3.352459 | 4.000000 |
| ## 132 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 133 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 134 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 135 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 136 | 2.883242 | 2.808803 | 3.397524 | 5.000000 | 5.000000 |
| ## 137 | 2.000000 | 2.000000 | 1.000000 | 2.000000 | 1.000000 |
| ## 138 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 3.000000 |
| ## 139 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 5.000000 |
| ## 140 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 141 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 142 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |

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| ## 145 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
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| ## 147 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 4.000000 |
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| ## 153 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 154 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 155 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
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| ## 164 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 165 | 1.000000 | 1.000000 | 1.000000 | 2.000000 | 2.000000 |
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| ## 168 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 4.000000 |
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| ## 173 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 174 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 175 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 176 | 2.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 177 | 2.883242 | 2.808803 | 3.397524 | 3.000000 | 3.000000 |
| ## 178 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 179 | 2.000000 | 2.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 180 | 3.000000 | 3.000000 | 5.000000 | 3.000000 | 4.000000 |
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| ## 184 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 186 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 200 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 201 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 203 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 206 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 |
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| ## 210 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 220 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 4.000000 |
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| ## 222 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 223 | 4.000000 | 3.000000 | 3.000000 | 7.000000 | 3.000000 |
| ## 224 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 225 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
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| ## 228 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 229 | 2.000000 | 2.000000 | 2.000000 | 3.000000 | 2.000000 |
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| ## 234 | 3.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 235 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 238 | 2.000000 | 2.808803 | 3.397524 | 5.000000 | 5.000000 |
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| ## 242 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 243 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 255 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 262 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 263 | 4.000000 | 5.000000 | 3.000000 | 4.000000 | 4.000000 |
| ## 264 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 265 | 4.000000 | 2.000000 | 3.000000 | 3.352459 | 3.439891 |
| ## 266 | 4.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 268 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 269 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 277 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 285 | 5.000000 | 5.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 286 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 296 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
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| ## 317 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 318 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 320 | 3.000000 | 3.000000 | 3.000000 | 3.352459 | 3.439891 |
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| ## 324 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
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| ## 327 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
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| ## 331 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 4.000000 |
| ## 332 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
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| ## 344 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 345 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 346 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 347 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 350 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 351 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 352 | 5.000000 | 5.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 353 | 4.000000 | 4.000000 | 2.000000 | 3.000000 | 2.000000 |
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| ## 355 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 356 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 357 | 2.000000 | 1.000000 | 1.000000 | 3.352459 | 3.439891 |
| ## 358 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |

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| ## 362 | 2.000000 | 2.000000 | 3.000000 | 4.000000 | 3.000000 |
| ## 363 | 5.000000 | 5.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 364 | 1.000000 | 1.000000 | 3.000000 | 3.352459 | 3.439891 |
| ## 365 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 2.000000 |
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| ## 370 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 371 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
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| ## 383 | 4.000000 | 3.000000 | 2.000000 | 3.000000 | 1.000000 |
| ## 384 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 385 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
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| ## 390 | 5.000000 | 4.000000 | 3.000000 | 7.000000 | 3.000000 |
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| ## 392 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 3.439891 |
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| ## 396 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 400 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 405 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 3.000000 |
| ## 406 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 407 | 1.000000 | 1.000000 | 3.397524 | 3.352459 | 3.439891 |
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| ## 409 | 2.000000 | 2.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 410 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 |
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| ## 412 | 4.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |

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| ## 440 | 4.000000 | 4.000000 | 3.000000 | 2.000000 | 2.000000 |
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| ## 445 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 446 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 447 | 4.000000 | 5.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 448 | 2.000000 | 3.000000 | 3.000000 | 4.000000 | 4.000000 |
| ## 449 | 2.883242 | 2.808803 | 3.397524 | 5.000000 | 2.000000 |
| ## 450 | 5.000000 | 5.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 451 | 5.000000 | 5.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 452 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 453 | 5.000000 | 4.000000 | 3.000000 | 4.000000 | 4.000000 |
| ## 454 | 3.000000 | 1.000000 | 3.000000 | 1.000000 | 3.000000 |
| ## 455 | 5.000000 | 3.000000 | 5.000000 | 3.000000 | 5.000000 |
| ## 456 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 457 | 2.883242 | 2.808803 | 3.397524 | 3.000000 | 3.000000 |
| ## 458 | 4.000000 | 3.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 459 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 460 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 461 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 462 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 463 | 1.000000 | 2.000000 | 3.000000 | 4.000000 | 3.000000 |
| ## 464 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
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| ## 466 | 5.000000 | 4.000000 | 5.000000 | 3.000000 | 5.000000 |

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| ## 467 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 468 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 469 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 470 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 471 | 3.000000 | 3.000000 | 2.000000 | 2.000000 | 2.000000 |
| ## 472 | 5.000000 | 5.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 473 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 474 | 2.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 475 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 476 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 477 | 2.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 478 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 479 | 3.000000 | 3.000000 | 2.000000 | 2.000000 | 2.000000 |
| ## 480 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 481 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 482 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 483 | 5.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 484 | 5.000000 | 3.000000 | 2.000000 | 2.000000 | 2.000000 |
| ## 485 | 5.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 486 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 487 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 488 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 489 | 3.000000 | 4.000000 | 4.000000 | 5.000000 | 4.000000 |
| ## 490 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 491 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 492 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 496 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 497 | 2.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 498 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 499 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 500 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 501 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 502 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 503 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 504 | 2.000000 | 1.000000 | 1.000000 | 2.000000 | 1.000000 |
| ## 505 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 506 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 507 | 5.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 508 | 5.000000 | 5.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 509 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 510 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 511 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 |
| ## 512 | 3.000000 | 3.000000 | 5.000000 | 3.000000 | 4.000000 |
| ## 513 | 3.000000 | 2.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 514 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 515 | 2.000000 | 3.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 516 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 517 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 518 | 1.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 519 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 520 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |

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| ## 527 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 529 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 533 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 534 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 535 | 1.000000 | 4.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 536 | 1.000000 | 1.000000 | 1.000000 | 2.000000 | 1.000000 |
| ## 537 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 538 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 539 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 540 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 541 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 542 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
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| ## 545 | 4.000000 | 4.000000 | 5.000000 | 3.000000 | 3.000000 |
| ## 546 | 3.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 547 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 2.000000 |
| ## 548 | 4.000000 | 4.000000 | 5.000000 | 3.352459 | 3.439891 |
| ## 549 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 550 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 551 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 552 | 4.000000 | 5.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 553 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 554 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 555 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 556 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 557 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 558 | 2.000000 | 4.000000 | 4.000000 | 3.352459 | 4.000000 |
| ## 559 | 4.000000 | 3.000000 | 5.000000 | 4.000000 | 4.000000 |
| ## 560 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 563 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 565 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 566 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 567 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 568 | 2.883242 | 2.808803 | 3.397524 | 1.000000 | 3.000000 |
| ## 569 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 570 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 571 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
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| ## 575 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 576 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 2.000000 |
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| ## 579 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 580 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 581 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 582 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 583 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 584 | 2.000000 | 2.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 585 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 586 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 587 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 588 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 589 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 590 | 3.000000 | 2.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 591 | 3.000000 | 3.000000 | 2.000000 | 2.000000 | 2.000000 |
| ## 592 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 593 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 594 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 595 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 596 | 2.000000 | 2.000000 | 1.000000 | 2.000000 | 2.000000 |
| ## 597 | 2.000000 | 1.000000 | 2.000000 | 1.000000 | 2.000000 |
| ## 598 | 3.000000 | 2.000000 | 4.000000 | 2.000000 | 2.000000 |
| ## 599 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 600 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 601 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 602 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 603 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 604 | 1.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 605 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 606 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 3.439891 |
| ## 607 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 608 | 3.000000 | 2.000000 | 2.000000 | 2.000000 | 2.000000 |
| ## 609 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 610 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 611 | 2.883242 | 2.808803 | 3.397524 | 3.000000 | 4.000000 |
| ## 612 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 4.000000 |
| ## 613 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 614 | 2.000000 | 3.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 615 | 3.000000 | 3.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 616 | 2.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 617 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 618 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 619 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 620 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 621 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 622 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 623 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 624 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 625 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 626 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 627 | 2.000000 | 3.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 628 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |

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|--------|----------|----------|----------|----------|----------|
| ## 629 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 630 | 5.000000 | 4.000000 | 3.000000 | 4.000000 | 2.000000 |
| ## 631 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 632 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 633 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 634 | 2.000000 | 3.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 635 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 636 | 3.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 637 | 1.000000 | 2.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 638 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 639 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 640 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 641 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 642 | 3.000000 | 2.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 643 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 644 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 645 | 1.000000 | 2.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 646 | 1.000000 | 3.000000 | 3.000000 | 5.000000 | 4.000000 |
| ## 647 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 648 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 649 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 650 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 651 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 652 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 653 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 654 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 655 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 656 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 657 | 3.000000 | 3.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 658 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 659 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 660 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 661 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 662 | 2.000000 | 2.000000 | 3.000000 | 5.000000 | 4.000000 |
| ## 663 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 664 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 665 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 666 | 1.000000 | 2.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 667 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 668 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 669 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 670 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 671 | 2.883242 | 2.808803 | 5.000000 | 3.352459 | 3.439891 |
| ## 672 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 673 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 674 | 2.000000 | 2.000000 | 2.000000 | 1.000000 | 2.000000 |
| ## 675 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 676 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 677 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 678 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 679 | 1.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 680 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 681 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 682 | 1.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |

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|--------|----------|----------|----------|----------|----------|
| ## 683 | 4.000000 | 2.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 684 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 685 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 686 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 687 | 2.000000 | 2.000000 | 4.000000 | 2.000000 | 3.000000 |
| ## 688 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 689 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 690 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 691 | 5.000000 | 4.000000 | 5.000000 | 3.000000 | 4.000000 |
| ## 692 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 693 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 694 | 2.000000 | 2.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 695 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 696 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 697 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 698 | 5.000000 | 5.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 699 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 700 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 701 | 1.000000 | 2.000000 | 2.000000 | 3.000000 | 3.000000 |
| ## 702 | 3.000000 | 4.000000 | 5.000000 | 4.000000 | 4.000000 |
| ## 703 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 3.000000 |
| ## 704 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 705 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 706 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 707 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 708 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 709 | 3.000000 | 3.000000 | 3.000000 | 2.000000 | 1.000000 |
| ## 710 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 711 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 3.000000 |
| ## 712 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 3.000000 |
| ## 713 | 4.000000 | 2.000000 | 3.000000 | 3.000000 | 3.439891 |
| ## 714 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 4.000000 |
| ## 715 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 716 | 2.000000 | 2.000000 | 1.000000 | 1.000000 | 2.000000 |
| ## 717 | 2.883242 | 2.808803 | 3.397524 | 3.000000 | 3.000000 |
| ## 718 | 1.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 719 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 720 | 5.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 721 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 722 | 2.000000 | 3.000000 | 4.000000 | 3.000000 | 4.000000 |
| ## 723 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 724 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 725 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 726 | 5.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 |
| ## 727 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 728 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 729 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 4.000000 |
| ## 730 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 731 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 732 | 4.000000 | 5.000000 | 5.000000 | 4.000000 | 5.000000 |
| ## 733 | 2.000000 | 2.000000 | 1.000000 | 2.000000 | 1.000000 |
| ## 734 | 2.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 735 | 3.000000 | 1.000000 | 3.000000 | 3.000000 | 3.000000 |
| ## 736 | 2.000000 | 2.000000 | 3.000000 | 3.000000 | 3.000000 |

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|--------|----------------|----------------|------------|-----------|---------------|----------|
| ## 737 | 4.000000 | 4.000000 | 3.000000 | | 3.000000 | 4.000000 |
| ## 738 | 2.000000 | 2.000000 | 3.000000 | | 3.000000 | 3.000000 |
| ## 739 | 3.000000 | 2.000000 | 3.000000 | | 3.000000 | 5.000000 |
| ## 740 | 2.000000 | 3.000000 | 4.000000 | | 3.000000 | 3.000000 |
| ## 741 | 4.000000 | 4.000000 | 4.000000 | | 3.000000 | 3.000000 |
| ## 742 | 5.000000 | 4.000000 | 3.000000 | | 3.000000 | 3.000000 |
| ## 743 | 3.000000 | 3.000000 | 4.000000 | | 3.000000 | 3.000000 |
| ## 744 | 4.000000 | 3.000000 | 3.000000 | | 3.000000 | 4.000000 |
| ## | FollowingStory | DecisionMaking | Arithmetic | Reasoning | GetAcrossRoom | Bathing |
| ## 1 | 2.000000 | 3.338776 | 3.368785 | 3.318367 | 3.829001 | 3.653899 |
| ## 2 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 3 | 5.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 4 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 5 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 6 | 1.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 7 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 8 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 9 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 10 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 11 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 12 | 5.000000 | 5.000000 | 5.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 13 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 14 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 15 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 16 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 17 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 18 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 19 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 20 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 21 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 22 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 23 | 5.000000 | 3.338776 | 3.368785 | 3.318367 | 3.829001 | 3.653899 |
| ## 24 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 25 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 26 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 27 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 28 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 29 | 2.000000 | 2.000000 | 1.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 30 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 31 | 3.313779 | 5.000000 | 3.368785 | 5.000000 | 5.000000 | 1.000000 |
| ## 32 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 33 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 34 | 1.000000 | 3.338776 | 3.368785 | 3.318367 | 3.829001 | 3.653899 |
| ## 35 | 5.000000 | 5.000000 | 3.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 36 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 37 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 5.000000 |
| ## 38 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 39 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 3.653899 |
| ## 40 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 41 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 42 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 43 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 44 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 45 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |

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|-------|----------|----------|----------|----------|----------|----------|
| ## 46 | 3.000000 | 3.338776 | 3.368785 | 3.318367 | 5.000000 | 5.000000 |
| ## 47 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 48 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 49 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 50 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 51 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 52 | 1.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 53 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 54 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 55 | 3.313779 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 56 | 1.000000 | 2.000000 | 2.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 57 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 58 | 2.000000 | 2.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 59 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 60 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 61 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 62 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 63 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 64 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 65 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 66 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 67 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 68 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 69 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 70 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 71 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 72 | 1.000000 | 2.000000 | 2.000000 | 1.000000 | 3.829001 | 1.000000 |
| ## 73 | 3.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 74 | 1.000000 | 1.000000 | 4.000000 | 1.000000 | 5.000000 | 1.000000 |
| ## 75 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 76 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 77 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 78 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 79 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 80 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 81 | 5.000000 | 5.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 82 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 83 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 84 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 85 | 4.000000 | 4.000000 | 3.368785 | 3.000000 | 1.000000 | 1.000000 |
| ## 86 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 87 | 5.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 88 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 89 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 90 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 91 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 92 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 93 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 94 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 95 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 3.829001 | 3.653899 |
| ## 96 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 97 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 98 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 99 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 100 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 101 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 102 | 3.000000 | 3.000000 | 2.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 103 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 104 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 105 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 106 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 107 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 108 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 109 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 110 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 111 | 1.000000 | 1.000000 | 1.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 112 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 113 | 5.000000 | 5.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 114 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 115 | 3.000000 | 4.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 116 | 4.000000 | 5.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 117 | 5.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 118 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 119 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 120 | 5.000000 | 3.000000 | 3.368785 | 5.000000 | 1.000000 | 1.000000 |
| ## 121 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 122 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 123 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 124 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 125 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 126 | 3.000000 | 3.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 127 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 128 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 129 | 3.000000 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 130 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 131 | 4.000000 | 3.338776 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 132 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 133 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 134 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 135 | 4.000000 | 4.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 136 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 137 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 5.000000 |
| ## 138 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 139 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 140 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 141 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 142 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 143 | 5.000000 | 5.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 144 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 145 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 146 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 147 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 148 | 4.000000 | 3.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 149 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 3.829001 | 1.000000 |
| ## 150 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 151 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 152 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 1.000000 |
| ## 153 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 154 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 155 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 156 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 157 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 158 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 3.829001 | 3.653899 |
| ## 159 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 160 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 161 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 162 | 5.000000 | 4.000000 | 5.000000 | 4.000000 | 3.829001 | 1.000000 |
| ## 163 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 164 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 165 | 1.000000 | 1.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 166 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 167 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 168 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 169 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 170 | 4.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 171 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 172 | 4.000000 | 2.000000 | 2.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 173 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 174 | 3.000000 | 5.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 175 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 176 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 177 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 178 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 179 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 180 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 181 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 182 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 183 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 184 | 3.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 185 | 3.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 186 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 187 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 188 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 189 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 190 | 3.000000 | 3.338776 | 3.368785 | 3.318367 | 3.829001 | 3.653899 |
| ## 191 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 192 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 193 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 194 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 195 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 196 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 197 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 198 | 4.000000 | 3.000000 | 3.0000 | | | |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 208 | 3.000000 | 3.000000 | 7.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 209 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 210 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 211 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 212 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 213 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 214 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 215 | 5.000000 | 5.000000 | 3.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 216 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 217 | 3.000000 | 5.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 218 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 219 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 220 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 221 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 222 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 223 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 224 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 225 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 226 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 3.829001 | 3.653899 |
| ## 227 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 228 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 229 | 1.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 230 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 231 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 232 | 2.000000 | 2.000000 | 2.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 233 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 234 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 235 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 236 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 237 | 3.000000 | 3.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 238 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 239 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 240 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 241 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 242 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 243 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 244 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 245 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 246 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 247 | 4.000000 | 5.000000 | 5.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 248 | 3.000000 | 2.000000 | 2.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 249 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 250 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 251 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 252 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 253 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 254 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 255 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 256 | 2.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 1.000000 |
| ## 257 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 258 | 1.000000 | 1.000000 | 1.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 259 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 260 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 261 | 4.000000 | 4.000000 | 7.000000 | 3.000000 | 5.000000 | 5.000000 |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 262 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 263 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 264 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 265 | 3.313779 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 266 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 267 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 268 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 269 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 270 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 271 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 272 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 273 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 274 | 4.000000 | 5.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 275 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 276 | 3.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 277 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 278 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 279 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 280 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 281 | 2.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 1.000000 |
| ## 282 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 283 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 284 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 285 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 286 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 287 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 288 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
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| ## 290 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
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| ## 292 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 293 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 294 | 5.000000 | 5.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 295 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 296 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 297 | 3.000000 | 3.000000 | 5.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 298 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 299 | 4.000000 | 3.000000 | 3.368785 | 3.000000 | 5.000000 | 5.000000 |
| ## 300 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 301 | 5.000000 | 5.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 302 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 303 | 5.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 304 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 305 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 306 | 5.000000 | 5.000000 | 5.0000 | | | |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 316 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 317 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
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| ## 319 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 320 | 3.313779 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
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| ## 322 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
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| ## 325 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
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| ## 327 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 328 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 329 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 330 | 2.000000 | 3.000000 | 3.000000 | 2.000000 | 1.000000 | 1.000000 |
| ## 331 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
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| ## 333 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 334 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 335 | 5.000000 | 5.000000 | 3.368785 | 4.000000 | 1.000000 | 1.000000 |
| ## 336 | 2.000000 | 3.000000 | 2.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 337 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 338 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 339 | 3.313779 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 340 | 3.313779 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 1.000000 |
| ## 341 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 342 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 343 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 344 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 345 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 346 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
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| ## 348 | 2.000000 | 3.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 349 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 350 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 351 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 352 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 353 | 3.000000 | 1.000000 | 2.000000 | 2.000000 | 1.000000 | 1.000000 |
| ## 354 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 355 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 356 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 357 | 3.313779 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 358 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 359 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 360 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 361 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 362 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 363 | 5.000000 | 5.000000 | 5.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 364 | 3.313779 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 365 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 366 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 367 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 368 | 5.000000 | 3.000000 | 5.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 369 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 370 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 5.000000 |
| ## 371 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 372 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 373 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
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| ## 376 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 377 | 5.000000 | 5.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
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| ## 379 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 380 | 5.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 381 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 382 | 4.000000 | 3.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 383 | 3.000000 | 2.000000 | 3.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 384 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 385 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 386 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 387 | 3.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 1.000000 |
| ## 388 | 3.000000 | 5.000000 | 3.000000 | 5.000000 | 1.000000 | 5.000000 |
| ## 389 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 390 | 3.000000 | 4.000000 | 7.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 391 | 4.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 392 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 393 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 394 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 395 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 396 | 3.313779 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 397 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 398 | 4.000000 | 5.000000 | 5.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 399 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 400 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
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| ## 402 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 403 | 5.000000 | 3.000000 | 5.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 404 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 405 | 3.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 406 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 407 | 3.313779 | 3.338776 | 3.368785 | 3.318367 | 5.000000 | 5.000000 |
| ## 408 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 409 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 410 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 411 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 412 | 5.000000 | 5.000000 | 5.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 413 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 414 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 415 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 416 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 417 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 418 | 5.000000 | 4.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 419 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 420 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 421 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 422 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 423 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 424 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 425 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 426 | 8.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 427 | 1.000000 | 1.000000 | 3.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 428 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 429 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 430 | 3.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 431 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 432 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 433 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 5.000000 |
| ## 434 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 435 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 436 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 437 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 438 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 439 | 1.000000 | 3.000000 | 2.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 440 | 2.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 441 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 442 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 443 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 444 | 2.000000 | 4.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 445 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 446 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 447 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 448 | 3.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 449 | 1.000000 | 4.000000 | 2.000000 | 1.000000 | 5.000000 | 1.000000 |
| ## 450 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 451 | 8.000000 | 5.000000 | 5.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 452 | 4.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 453 | 3.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 454 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 455 | 5.000000 | 4.000000 | 3.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 456 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 457 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 458 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 459 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 460 | 4.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 461 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 462 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 463 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 464 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 465 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 466 | 4.000000 | 4.000000 | 3.000000 | 5.000000 | 1.000000 | 5.000000 |
| ## 467 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 468 | 3.000000 | 3.000000 | 3.0000 | | | |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 478 | 3.000000 | 2.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 479 | 3.000000 | 2.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 480 | 5.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 5.000000 |
| ## 481 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 3.653899 |
| ## 482 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 483 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 484 | 5.000000 | 5.000000 | 5.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 485 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 486 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 487 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 488 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 489 | 4.000000 | 3.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 490 | 5.000000 | 5.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 |
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| ## 492 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 493 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
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| ## 495 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 496 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
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| ## 498 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
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| ## 500 | 2.000000 | 3.000000 | 3.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 501 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 502 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 503 | 2.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 504 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 505 | 3.000000 | 4.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 506 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 507 | 3.000000 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 508 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 509 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 510 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 511 | 2.000000 | 4.000000 | 3.000000 | 2.000000 | 3.829001 | 3.653899 |
| ## 512 | 3.000000 | 4.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 513 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 514 | 4.000000 | 4.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 515 | 4.000000 | 3.000000 | 4.000000 | 2.000000 | 1.000000 | 1.000000 |
| ## 516 | 5.000000 | 5.000000 | 5.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 517 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 518 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 519 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 520 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 521 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 522 | 3.000000 | 3.000000 | 3.0000 | | | |

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|--------|----------|----------|----------|----------|----------|----------|
| ## 640 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 641 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 642 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 643 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 644 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 645 | 3.000000 | 1.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 646 | 5.000000 | 3.000000 | 3.368785 | 3.000000 | 1.000000 | 1.000000 |
| ## 647 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 648 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 649 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 650 | 3.000000 | 3.000000 | 3.368785 | 3.000000 | 5.000000 | 5.000000 |
| ## 651 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 652 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 653 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 654 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 655 | 2.000000 | 2.000000 | 2.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 656 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 657 | 1.000000 | 1.000000 | 2.000000 | 2.000000 | 5.000000 | 3.653899 |
| ## 658 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 659 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 660 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 661 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 662 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 663 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 664 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 665 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 666 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 667 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 668 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 669 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 670 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 671 | 3.313779 | 3.338776 | 3.368785 | 3.318367 | 1.000000 | 1.000000 |
| ## 672 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 673 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 674 | 1.000000 | 1.000000 | 2.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 675 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 676 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 677 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 678 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 679 | 4.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 680 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 681 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 682 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 683 | 3.000000 | 4.000000 | 5.000000 | 5.000000 | 1.000000 | 5.000000 |
| ## 684 | 3.000000 | 3.000000 | 3.0000 | | | |

| | | | | | | |
|--------|----------|-------------|------------|----------------------|--------------------|----------|
| ## 694 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 695 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 696 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 697 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 698 | 4.000000 | 3.000000 | 5.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 699 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 700 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 701 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 1.000000 |
| ## 702 | 4.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 703 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 704 | 1.000000 | 1.000000 | 1.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 705 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 706 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 707 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 708 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 709 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 710 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 711 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 712 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 713 | 3.000000 | 3.000000 | 3.368785 | 3.000000 | 5.000000 | 1.000000 |
| ## 714 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 715 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 716 | 3.000000 | 1.000000 | 1.000000 | 2.000000 | 5.000000 | 5.000000 |
| ## 717 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 718 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 719 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 720 | 4.000000 | 4.000000 | 3.368785 | 3.318367 | 5.000000 | 5.000000 |
| ## 721 | 3.000000 | 4.000000 | 4.000000 | 4.000000 | 5.000000 | 1.000000 |
| ## 722 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 723 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 724 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 725 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 726 | 5.000000 | 5.000000 | 5.000000 | 5.000000 | 1.000000 | 1.000000 |
| ## 727 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 728 | 3.000000 | 3.000000 | 3.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 729 | 4.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 5.000000 |
| ## 730 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 731 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 732 | 4.000000 | 5.000000 | 4.000000 | 5.000000 | 5.000000 | 1.000000 |
| ## 733 | 1.000000 | 1.000000 | 2.000000 | 1.000000 | 5.000000 | 5.000000 |
| ## 734 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 735 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 736 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 737 | 4.000000 | 3.000000 | 4.000000 | 4.000000 | 5.000000 | 5.000000 |
| ## 738 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 739 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 740 | 3.000000 | 3.000000 | 3.000000 | 3.000000 | 1.000000 | 1.000000 |
| ## 741 | 3.000000 | 4.000000 | 3.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## 742 | 3.000000 | 3.000000 | 4.000000 | 3.000000 | 5.000000 | 5.000000 |
| ## 743 | 3.000000 | 4.000000 | 3.000000 | 4.000000 | 1.000000 | 1.000000 |
| ## 744 | 4.000000 | 3.000000 | 5.000000 | 3.000000 | 1.000000 | 5.000000 |
| ## | Eating | GetOutOfBed | MMSE_score | Animal_fluency_score | Boston_naming_test | |
| ## 1 | 4.387586 | 4.056241 | 26 | 21 | 15 | |
| ## 2 | 5.000000 | 5.000000 | 14 | 15 | 13 | |

| | | | | | |
|-------|----------|----------|----|----|----|
| ## 3 | 5.000000 | 5.000000 | 29 | 12 | 15 |
| ## 4 | 5.000000 | 5.000000 | 20 | 8 | 12 |
| ## 5 | 5.000000 | 5.000000 | 10 | 7 | 8 |
| ## 6 | 5.000000 | 5.000000 | 21 | 15 | 11 |
| ## 7 | 5.000000 | 5.000000 | 30 | 21 | 15 |
| ## 8 | 5.000000 | 5.000000 | 29 | 11 | 15 |
| ## 9 | 5.000000 | 1.000000 | 30 | 19 | 14 |
| ## 10 | 5.000000 | 5.000000 | 29 | 17 | 15 |
| ## 11 | 5.000000 | 5.000000 | 18 | 11 | 13 |
| ## 12 | 1.000000 | 1.000000 | 12 | 3 | 9 |
| ## 13 | 5.000000 | 5.000000 | 20 | 7 | 9 |
| ## 14 | 5.000000 | 5.000000 | 27 | 17 | 14 |
| ## 15 | 5.000000 | 5.000000 | 26 | 11 | 14 |
| ## 16 | 1.000000 | 1.000000 | 4 | 97 | 97 |
| ## 17 | 5.000000 | 5.000000 | 30 | 13 | 12 |
| ## 18 | 5.000000 | 5.000000 | 28 | 14 | 15 |
| ## 19 | 5.000000 | 5.000000 | 21 | 17 | 5 |
| ## 20 | 5.000000 | 5.000000 | 25 | 14 | 14 |
| ## 21 | 5.000000 | 5.000000 | 24 | 21 | 14 |
| ## 22 | 5.000000 | 5.000000 | 30 | 9 | 14 |
| ## 23 | 4.387586 | 4.056241 | 5 | 4 | 6 |
| ## 24 | 5.000000 | 5.000000 | 20 | 14 | 12 |
| ## 25 | 5.000000 | 5.000000 | 29 | 17 | 14 |
| ## 26 | 5.000000 | 5.000000 | 29 | 14 | 14 |
| ## 27 | 5.000000 | 5.000000 | 4 | 4 | 7 |
| ## 28 | 1.000000 | 5.000000 | 7 | 4 | 6 |
| ## 29 | 5.000000 | 5.000000 | 30 | 14 | 14 |
| ## 30 | 5.000000 | 5.000000 | 25 | 9 | 14 |
| ## 31 | 1.000000 | 5.000000 | 19 | 9 | 9 |
| ## 32 | 5.000000 | 5.000000 | 30 | 14 | 15 |
| ## 33 | 5.000000 | 5.000000 | 12 | 8 | 6 |
| ## 34 | 4.387586 | 4.056241 | 25 | 13 | 14 |
| ## 35 | 1.000000 | 1.000000 | 3 | 0 | 0 |
| ## 36 | 5.000000 | 5.000000 | 29 | 19 | 13 |
| ## 37 | 5.000000 | 5.000000 | 17 | 5 | 13 |
| ## 38 | 1.000000 | 5.000000 | 30 | 22 | 15 |
| ## 39 | 5.000000 | 5.000000 | 4 | 3 | 2 |
| ## 40 | 5.000000 | 5.000000 | 21 | 9 | 11 |
| ## 41 | 5.000000 | 5.000000 | 25 | 16 | 15 |
| ## 42 | 5.000000 | 5.000000 | 22 | 12 | 10 |
| ## 43 | 5.000000 | 5.000000 | 18 | 11 | 7 |
| ## 44 | 5.000000 | 5.000000 | 28 | 8 | 13 |
| ## 45 | 5.000000 | 5.000000 | 26 | 12 | 10 |
| ## 46 | 5.000000 | 5.000000 | 28 | 11 | 14 |
| ## 47 | 5.000000 | 5.000000 | 27 | 11 | 12 |
| ## 48 | 5.000000 | 5.000000 | 17 | 8 | 14 |
| ## 49 | 5.000000 | 1.000000 | 20 | 6 | 14 |
| ## 50 | 5.000000 | 5.000000 | 29 | 17 | 14 |
| ## 51 | 5.000000 | 5.000000 | 10 | 8 | 10 |
| ## 52 | 1.000000 | 1.000000 | 26 | 9 | 12 |
| ## 53 | 5.000000 | 5.000000 | 29 | 11 | 13 |
| ## 54 | 5.000000 | 5.000000 | 16 | 6 | 7 |
| ## 55 | 1.000000 | 1.000000 | 27 | 14 | 14 |
| ## 56 | 5.000000 | 5.000000 | 30 | 21 | 14 |

| | | | | | |
|--------|----------|----------|----|----|----|
| ## 57 | 5.000000 | 5.000000 | 20 | 4 | 14 |
| ## 58 | 5.000000 | 5.000000 | 28 | 18 | 11 |
| ## 59 | 5.000000 | 5.000000 | 14 | 8 | 8 |
| ## 60 | 1.000000 | 1.000000 | 21 | 10 | 97 |
| ## 61 | 5.000000 | 5.000000 | 15 | 3 | 11 |
| ## 62 | 5.000000 | 5.000000 | 26 | 2 | 14 |
| ## 63 | 5.000000 | 5.000000 | 8 | 12 | 9 |
| ## 64 | 5.000000 | 5.000000 | 5 | 4 | 8 |
| ## 65 | 5.000000 | 5.000000 | 29 | 14 | 14 |
| ## 66 | 5.000000 | 1.000000 | 19 | 7 | 12 |
| ## 67 | 5.000000 | 5.000000 | 24 | 14 | 14 |
| ## 68 | 5.000000 | 5.000000 | 29 | 19 | 14 |
| ## 69 | 5.000000 | 5.000000 | 16 | 11 | 11 |
| ## 70 | 5.000000 | 1.000000 | 20 | 8 | 11 |
| ## 71 | 5.000000 | 5.000000 | 29 | 22 | 15 |
| ## 72 | 1.000000 | 1.000000 | 97 | 9 | 97 |
| ## 73 | 5.000000 | 5.000000 | 23 | 10 | 13 |
| ## 74 | 5.000000 | 5.000000 | 17 | 4 | 9 |
| ## 75 | 5.000000 | 5.000000 | 30 | 17 | 15 |
| ## 76 | 5.000000 | 1.000000 | 21 | 13 | 11 |
| ## 77 | 1.000000 | 1.000000 | 1 | 97 | 2 |
| ## 78 | 5.000000 | 5.000000 | 29 | 9 | 15 |
| ## 79 | 5.000000 | 5.000000 | 97 | 97 | 97 |
| ## 80 | 1.000000 | 1.000000 | 21 | 5 | 97 |
| ## 81 | 5.000000 | 5.000000 | 20 | 8 | 15 |
| ## 82 | 5.000000 | 5.000000 | 30 | 19 | 15 |
| ## 83 | 5.000000 | 5.000000 | 28 | 9 | 15 |
| ## 84 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 85 | 5.000000 | 1.000000 | 9 | 1 | 6 |
| ## 86 | 5.000000 | 1.000000 | 5 | 97 | 7 |
| ## 87 | 5.000000 | 5.000000 | 24 | 9 | 9 |
| ## 88 | 5.000000 | 5.000000 | 29 | 19 | 15 |
| ## 89 | 5.000000 | 5.000000 | 28 | 14 | 14 |
| ## 90 | 5.000000 | 5.000000 | 19 | 19 | 14 |
| ## 91 | 5.000000 | 5.000000 | 29 | 7 | 15 |
| ## 92 | 5.000000 | 5.000000 | 28 | 15 | 14 |
| ## 93 | 5.000000 | 1.000000 | 10 | 0 | 4 |
| ## 94 | 5.000000 | 5.000000 | 24 | 17 | 14 |
| ## 95 | 4.387586 | 4.056241 | 11 | 7 | 5 |
| ## 96 | 1.000000 | 1.000000 | 28 | 12 | 14 |
| ## 97 | 5.000000 | 1.000000 | 22 | 13 | 14 |
| ## 98 | 4.387586 | 1.000000 | 29 | 20 | 14 |
| ## 99 | 5.000000 | 5.000000 | 14 | 6 | 7 |
| ## 100 | 5.000000 | 5.000000 | 29 | 18 | 15 |
| ## 101 | 4.387586 | 4.056241 | 13 | 5 | 11 |
| ## 102 | 5.000000 | 5.000000 | 29 | 19 | 14 |
| ## 103 | 5.000000 | 5.000000 | 18 | 3 | 10 |
| ## 104 | 5.000000 | 5.000000 | 18 | 13 | 13 |
| ## 105 | 5.000000 | 5.000000 | 12 | 5 | 10 |
| ## 106 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 107 | 5.000000 | 1.000000 | 16 | 10 | 9 |
| ## 108 | 5.000000 | 5.000000 | 13 | 16 | 8 |
| ## 109 | 5.000000 | 5.000000 | 16 | 6 | 12 |
| ## 110 | 1.000000 | 1.000000 | 7 | 3 | 7 |

| | | | | | |
|--------|----------|----------|----|----|----|
| ## 111 | 5.000000 | 5.000000 | 22 | 10 | 15 |
| ## 112 | 5.000000 | 5.000000 | 24 | 7 | 13 |
| ## 113 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 114 | 5.000000 | 5.000000 | 20 | 17 | 15 |
| ## 115 | 5.000000 | 1.000000 | 26 | 7 | 14 |
| ## 116 | 5.000000 | 1.000000 | 13 | 2 | 6 |
| ## 117 | 5.000000 | 5.000000 | 20 | 6 | 10 |
| ## 118 | 5.000000 | 5.000000 | 29 | 15 | 15 |
| ## 119 | 5.000000 | 5.000000 | 28 | 20 | 14 |
| ## 120 | 1.000000 | 1.000000 | 5 | 97 | 9 |
| ## 121 | 1.000000 | 1.000000 | 9 | 5 | 5 |
| ## 122 | 5.000000 | 5.000000 | 15 | 5 | 10 |
| ## 123 | 1.000000 | 1.000000 | 3 | 2 | 9 |
| ## 124 | 5.000000 | 5.000000 | 23 | 7 | 12 |
| ## 125 | 5.000000 | 5.000000 | 15 | 8 | 11 |
| ## 126 | 5.000000 | 5.000000 | 6 | 5 | 9 |
| ## 127 | 1.000000 | 1.000000 | 11 | 5 | 7 |
| ## 128 | 5.000000 | 1.000000 | 97 | 97 | 1 |
| ## 129 | 5.000000 | 5.000000 | 29 | 14 | 14 |
| ## 130 | 5.000000 | 5.000000 | 30 | 15 | 14 |
| ## 131 | 5.000000 | 1.000000 | 18 | 3 | 12 |
| ## 132 | 5.000000 | 5.000000 | 29 | 23 | 13 |
| ## 133 | 5.000000 | 1.000000 | 30 | 14 | 14 |
| ## 134 | 5.000000 | 5.000000 | 6 | 6 | 8 |
| ## 135 | 5.000000 | 5.000000 | 15 | 5 | 11 |
| ## 136 | 5.000000 | 1.000000 | 3 | 3 | 6 |
| ## 137 | 5.000000 | 5.000000 | 28 | 19 | 14 |
| ## 138 | 5.000000 | 5.000000 | 10 | 4 | 4 |
| ## 139 | 5.000000 | 5.000000 | 11 | 9 | 9 |
| ## 140 | 1.000000 | 1.000000 | 11 | 4 | 11 |
| ## 141 | 5.000000 | 5.000000 | 27 | 14 | 13 |
| ## 142 | 5.000000 | 5.000000 | 26 | 18 | 13 |
| ## 143 | 5.000000 | 5.000000 | 17 | 5 | 13 |
| ## 144 | 5.000000 | 1.000000 | 15 | 6 | 97 |
| ## 145 | 5.000000 | 5.000000 | 13 | 5 | 7 |
| ## 146 | 5.000000 | 5.000000 | 28 | 22 | 15 |
| ## 147 | 5.000000 | 5.000000 | 30 | 24 | 15 |
| ## 148 | 1.000000 | 1.000000 | 0 | 97 | 0 |
| ## 149 | 5.000000 | 5.000000 | 13 | 7 | 7 |
| ## 150 | 5.000000 | 5.000000 | 19 | 8 | 7 |
| ## 151 | 5.000000 | 5.000000 | 29 | 20 | 15 |
| ## 152 | 5.000000 | 1.000000 | 25 | 5 | 11 |
| ## 153 | 5.000000 | 5.000000 | 22 | 7 | 5 |
| ## 154 | 5.000000 | 5.000000 | 29 | 15 | 14 |
| ## 155 | 1.000000 | 1.000000 | 28 | 11 | 13 |
| ## 156 | 5.000000 | 5.000000 | 30 | 15 | 15 |
| ## 157 | 5.000000 | 5.000000 | 23 | 14 | 11 |
| ## 158 | 4.387586 | 4.056241 | 24 | 12 | 13 |
| ## 159 | 1.000000 | 5.000000 | 29 | 16 | 13 |
| ## 160 | 1.000000 | 1.000000 | 9 | 97 | 97 |
| ## 161 | 5.000000 | 5.000000 | 30 | 16 | 15 |
| ## 162 | 4.387586 | 4.056241 | 13 | 7 | 8 |
| ## 163 | 5.000000 | 5.000000 | 28 | 15 | 15 |
| ## 164 | 1.000000 | 1.000000 | 29 | 15 | 12 |

| | | | | | |
|--------|----------|----------|----|----|----|
| ## 165 | 5.000000 | 5.000000 | 27 | 11 | 9 |
| ## 166 | 5.000000 | 5.000000 | 28 | 19 | 14 |
| ## 167 | 5.000000 | 1.000000 | 10 | 6 | 8 |
| ## 168 | 5.000000 | 5.000000 | 8 | 8 | 9 |
| ## 169 | 5.000000 | 5.000000 | 27 | 9 | 13 |
| ## 170 | 5.000000 | 5.000000 | 10 | 5 | 11 |
| ## 171 | 5.000000 | 5.000000 | 21 | 11 | 14 |
| ## 172 | 5.000000 | 5.000000 | 17 | 3 | 11 |
| ## 173 | 5.000000 | 5.000000 | 28 | 14 | 15 |
| ## 174 | 5.000000 | 5.000000 | 24 | 10 | 13 |
| ## 175 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 176 | 5.000000 | 1.000000 | 20 | 8 | 7 |
| ## 177 | 5.000000 | 5.000000 | 23 | 13 | 14 |
| ## 178 | 5.000000 | 5.000000 | 30 | 11 | 15 |
| ## 179 | 5.000000 | 5.000000 | 18 | 9 | 8 |
| ## 180 | 5.000000 | 5.000000 | 15 | 10 | 13 |
| ## 181 | 1.000000 | 1.000000 | 10 | 1 | 11 |
| ## 182 | 5.000000 | 5.000000 | 24 | 15 | 13 |
| ## 183 | 5.000000 | 5.000000 | 25 | 14 | 9 |
| ## 184 | 5.000000 | 5.000000 | 16 | 6 | 12 |
| ## 185 | 5.000000 | 5.000000 | 23 | 15 | 15 |
| ## 186 | 5.000000 | 5.000000 | 29 | 15 | 14 |
| ## 187 | 5.000000 | 5.000000 | 17 | 11 | 5 |
| ## 188 | 5.000000 | 5.000000 | 28 | 22 | 14 |
| ## 189 | 5.000000 | 5.000000 | 28 | 19 | 13 |
| ## 190 | 4.387586 | 4.056241 | 25 | 15 | 14 |
| ## 191 | 5.000000 | 5.000000 | 22 | 11 | 15 |
| ## 192 | 4.387586 | 1.000000 | 20 | 1 | 12 |
| ## 193 | 5.000000 | 5.000000 | 30 | 17 | 13 |
| ## 194 | 5.000000 | 5.000000 | 27 | 16 | 13 |
| ## 195 | 5.000000 | 5.000000 | 15 | 10 | 11 |
| ## 196 | 5.000000 | 5.000000 | 14 | 12 | 13 |
| ## 197 | 5.000000 | 1.000000 | 11 | 7 | 7 |
| ## 198 | 5.000000 | 5.000000 | 18 | 7 | 6 |
| ## 199 | 5.000000 | 5.000000 | 14 | 2 | 5 |
| ## 200 | 5.000000 | 5.000000 | 24 | 13 | 14 |
| ## 201 | 5.000000 | 5.000000 | 29 | 13 | 14 |
| ## 202 | 5.000000 | 5.000000 | 23 | 11 | 11 |
| ## 203 | 5.000000 | 1.000000 | 29 | 18 | 15 |
| ## 204 | 5.000000 | 5.000000 | 28 | 20 | 14 |
| ## 205 | 5.000000 | 1.000000 | 24 | 10 | 14 |
| ## 206 | 5.000000 | 5.000000 | 22 | 10 | 11 |
| ## 207 | 5.000000 | 5.000000 | 28 | 20 | 14 |
| ## 208 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 209 | 5.000000 | 5.000000 | 9 | 5 | 10 |
| ## 210 | 5.000000 | 5.000000 | 27 | 23 | 15 |
| ## 211 | 1.000000 | 1.000000 | 20 | 6 | 13 |
| ## 212 | 5.000000 | 5.000000 | 25 | 7 | 12 |
| ## 213 | 5.000000 | 5.000000 | 29 | 14 | 12 |
| ## 214 | 5.000000 | 5.000000 | 27 | 9 | 15 |
| ## 215 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 216 | 5.000000 | 5.000000 | 30 | 20 | 15 |
| ## 217 | 5.000000 | 5.000000 | 13 | 1 | 7 |
| ## 218 | 5.000000 | 5.000000 | 23 | 6 | 13 |

| | | | | | |
|--------|----------|----------|----|----|----|
| ## 219 | 5.000000 | 5.000000 | 11 | 4 | 11 |
| ## 220 | 5.000000 | 1.000000 | 18 | 7 | 12 |
| ## 221 | 5.000000 | 5.000000 | 28 | 13 | 14 |
| ## 222 | 5.000000 | 1.000000 | 27 | 12 | 14 |
| ## 223 | 1.000000 | 1.000000 | 17 | 97 | 14 |
| ## 224 | 5.000000 | 5.000000 | 0 | 97 | 97 |
| ## 225 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 226 | 4.387586 | 4.056241 | 14 | 10 | 10 |
| ## 227 | 5.000000 | 5.000000 | 29 | 18 | 14 |
| ## 228 | 1.000000 | 1.000000 | 13 | 1 | 11 |
| ## 229 | 5.000000 | 1.000000 | 30 | 26 | 15 |
| ## 230 | 5.000000 | 5.000000 | 11 | 5 | 7 |
| ## 231 | 5.000000 | 5.000000 | 25 | 10 | 12 |
| ## 232 | 5.000000 | 5.000000 | 15 | 11 | 4 |
| ## 233 | 5.000000 | 5.000000 | 10 | 4 | 6 |
| ## 234 | 5.000000 | 5.000000 | 26 | 15 | 15 |
| ## 235 | 5.000000 | 5.000000 | 30 | 27 | 15 |
| ## 236 | 5.000000 | 5.000000 | 12 | 6 | 12 |
| ## 237 | 5.000000 | 5.000000 | 22 | 23 | 13 |
| ## 238 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 239 | 5.000000 | 5.000000 | 27 | 11 | 14 |
| ## 240 | 5.000000 | 5.000000 | 24 | 12 | 14 |
| ## 241 | 5.000000 | 1.000000 | 22 | 8 | 15 |
| ## 242 | 5.000000 | 5.000000 | 19 | 10 | 13 |
| ## 243 | 1.000000 | 5.000000 | 28 | 10 | 12 |
| ## 244 | 5.000000 | 5.000000 | 14 | 5 | 7 |
| ## 245 | 1.000000 | 1.000000 | 11 | 5 | 8 |
| ## 246 | 5.000000 | 1.000000 | 97 | 97 | 97 |
| ## 247 | 5.000000 | 5.000000 | 19 | 9 | 14 |
| ## 248 | 5.000000 | 5.000000 | 30 | 19 | 15 |
| ## 249 | 5.000000 | 1.000000 | 25 | 11 | 8 |
| ## 250 | 1.000000 | 5.000000 | 26 | 9 | 14 |
| ## 251 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 252 | 1.000000 | 5.000000 | 11 | 6 | 13 |
| ## 253 | 1.000000 | 5.000000 | 1 | 97 | 97 |
| ## 254 | 5.000000 | 5.000000 | 97 | 97 | 0 |
| ## 255 | 5.000000 | 1.000000 | 30 | 19 | 15 |
| ## 256 | 5.000000 | 5.000000 | 24 | 8 | 14 |
| ## 257 | 5.000000 | 1.000000 | 27 | 16 | 12 |
| ## 258 | 5.000000 | 5.000000 | 21 | 8 | 10 |
| ## 259 | 5.000000 | 5.000000 | 20 | 5 | 7 |
| ## 260 | 5.000000 | 5.000000 | 29 | 12 | 14 |
| ## 261 | 5.000000 | 5.000000 | 15 | 5 | 8 |
| ## 262 | 5.000000 | 5.000000 | 29 | 14 | 11 |
| ## 263 | 1.000000 | 1.000000 | 11 | 4 | 6 |
| ## 264 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 265 | 5.000000 | 5.000000 | 19 | 4 | 6 |
| ## 266 | 5.000000 | 5.000000 | 16 | 8 | 12 |
| ## 267 | 1.000000 | 5.000000 | 6 | 97 | 1 |
| ## 268 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 269 | 5.000000 | 5.000000 | 29 | 19 | 15 |
| ## 270 | 5.000000 | 5.000000 | 28 | 15 | 14 |
| ## 271 | 5.000000 | 5.000000 | 27 | 8 | 8 |
| ## 272 | 1.000000 | 1.000000 | 97 | 97 | 97 |

| | | | | | |
|--------|----------|----------|----|----|----|
| ## 273 | 1.000000 | 1.000000 | 97 | 97 | 97 |
| ## 274 | 1.000000 | 1.000000 | 15 | 9 | 4 |
| ## 275 | 5.000000 | 5.000000 | 16 | 9 | 8 |
| ## 276 | 5.000000 | 5.000000 | 29 | 16 | 15 |
| ## 277 | 5.000000 | 5.000000 | 25 | 23 | 14 |
| ## 278 | 5.000000 | 5.000000 | 23 | 17 | 14 |
| ## 279 | 5.000000 | 5.000000 | 19 | 4 | 11 |
| ## 280 | 1.000000 | 1.000000 | 3 | 97 | 0 |
| ## 281 | 1.000000 | 1.000000 | 5 | 2 | 5 |
| ## 282 | 5.000000 | 5.000000 | 16 | 11 | 13 |
| ## 283 | 5.000000 | 5.000000 | 18 | 5 | 5 |
| ## 284 | 5.000000 | 5.000000 | 29 | 28 | 14 |
| ## 285 | 1.000000 | 1.000000 | 10 | 7 | 5 |
| ## 286 | 5.000000 | 5.000000 | 29 | 13 | 15 |
| ## 287 | 5.000000 | 5.000000 | 10 | 5 | 12 |
| ## 288 | 5.000000 | 1.000000 | 29 | 11 | 13 |
| ## 289 | 1.000000 | 1.000000 | 27 | 13 | 15 |
| ## 290 | 5.000000 | 5.000000 | 30 | 16 | 14 |
| ## 291 | 5.000000 | 5.000000 | 17 | 5 | 7 |
| ## 292 | 5.000000 | 5.000000 | 29 | 10 | 14 |
| ## 293 | 5.000000 | 5.000000 | 30 | 15 | 15 |
| ## 294 | 5.000000 | 5.000000 | 5 | 97 | 11 |
| ## 295 | 5.000000 | 5.000000 | 29 | 12 | 11 |
| ## 296 | 5.000000 | 5.000000 | 17 | 6 | 6 |
| ## 297 | 1.000000 | 1.000000 | 15 | 3 | 13 |
| ## 298 | 5.000000 | 5.000000 | 27 | 16 | 15 |
| ## 299 | 5.000000 | 5.000000 | 24 | 15 | 14 |
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| ## 592 | 1.000000 | 1.000000 | 5 | 6 | 7 |
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| ## 650 | 5.000000 | 5.000000 | 20 | 10 | 14 |

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| ## 692 | 5.000000 | 5.000000 | 28 | 15 | 13 |
| ## 693 | 5.000000 | 5.000000 | 24 | 15 | 12 |
| ## 694 | 5.000000 | 1.000000 | 21 | 6 | 10 |
| ## 695 | 5.000000 | 1.000000 | 22 | 21 | 13 |
| ## 696 | 5.000000 | 5.000000 | 25 | 10 | 15 |
| ## 697 | 5.000000 | 5.000000 | 30 | 18 | 14 |
| ## 698 | 1.000000 | 1.000000 | 4 | 4 | 7 |
| ## 699 | 5.000000 | 5.000000 | 11 | 6 | 9 |
| ## 700 | 1.000000 | 1.000000 | 14 | 4 | 14 |
| ## 701 | 5.000000 | 5.000000 | 17 | 9 | 5 |
| ## 702 | 5.000000 | 5.000000 | 26 | 13 | 14 |
| ## 703 | 5.000000 | 1.000000 | 22 | 16 | 97 |
| ## 704 | 5.000000 | 5.000000 | 26 | 10 | 12 |

| | | | | | |
|--------|--|----------|----|----|----|
| ## 705 | 5.000000 | 1.000000 | 30 | 11 | 12 |
| ## 706 | 5.000000 | 5.000000 | 23 | 18 | 15 |
| ## 707 | 5.000000 | 5.000000 | 28 | 21 | 15 |
| ## 708 | 5.000000 | 1.000000 | 21 | 6 | 14 |
| ## 709 | 5.000000 | 5.000000 | 22 | 14 | 14 |
| ## 710 | 5.000000 | 5.000000 | 26 | 20 | 15 |
| ## 711 | 5.000000 | 1.000000 | 23 | 13 | 6 |
| ## 712 | 5.000000 | 1.000000 | 8 | 8 | 97 |
| ## 713 | 5.000000 | 5.000000 | 24 | 9 | 15 |
| ## 714 | 5.000000 | 5.000000 | 25 | 16 | 15 |
| ## 715 | 5.000000 | 5.000000 | 28 | 10 | 13 |
| ## 716 | 5.000000 | 5.000000 | 21 | 19 | 13 |
| ## 717 | 5.000000 | 5.000000 | 23 | 6 | 15 |
| ## 718 | 5.000000 | 5.000000 | 27 | 11 | 14 |
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| ## 720 | 5.000000 | 5.000000 | 22 | 9 | 13 |
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| ## 723 | 5.000000 | 1.000000 | 28 | 20 | 15 |
| ## 724 | 5.000000 | 5.000000 | 29 | 16 | 15 |
| ## 725 | 5.000000 | 5.000000 | 28 | 15 | 13 |
| ## 726 | 4.387586 | 5.000000 | 16 | 3 | 10 |
| ## 727 | 5.000000 | 5.000000 | 30 | 21 | 14 |
| ## 728 | 5.000000 | 5.000000 | 28 | 9 | 9 |
| ## 729 | 5.000000 | 5.000000 | 26 | 14 | 14 |
| ## 730 | 1.000000 | 1.000000 | 30 | 16 | 15 |
| ## 731 | 5.000000 | 5.000000 | 29 | 8 | 15 |
| ## 732 | 5.000000 | 5.000000 | 19 | 9 | 13 |
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| ## 734 | 5.000000 | 5.000000 | 29 | 11 | 13 |
| ## 735 | 5.000000 | 5.000000 | 27 | 18 | 15 |
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| ## 744 | 5.000000 | 5.000000 | 18 | 7 | 8 |
| ## | Construction_praxis_score Del_word_list_memory IMM_word_list_recog | | | | |
| ## 1 | | 9 | 8 | 7 | |
| ## 2 | | 2 | 1 | 2 | |
| ## 3 | | 8 | 7 | 9 | |
| ## 4 | | 1 | 2 | 4 | |
| ## 5 | | 0 | 0 | 1 | |
| ## 6 | | 5 | 0 | 2 | |
| ## 7 | | 10 | 8 | 6 | |
| ## 8 | | 10 | 6 | 5 | |
| ## 9 | | 6 | 6 | 8 | |
| ## 10 | | 11 | 8 | 7 | |
| ## 11 | | 6 | 2 | 3 | |
| ## 12 | | 1 | 2 | 2 | |
| ## 13 | | 2 | 1 | 5 | |

| | | | |
|-------|----|----|----|
| ## 14 | 6 | 5 | 5 |
| ## 15 | 3 | 6 | 3 |
| ## 16 | 97 | 0 | 0 |
| ## 17 | 7 | 7 | 7 |
| ## 18 | 9 | 7 | 7 |
| ## 19 | 3 | 3 | 4 |
| ## 20 | 6 | 7 | 7 |
| ## 21 | 10 | 7 | 7 |
| ## 22 | 8 | 10 | 9 |
| ## 23 | 0 | 0 | 0 |
| ## 24 | 5 | 5 | 3 |
| ## 25 | 8 | 6 | 6 |
| ## 26 | 9 | 8 | 7 |
| ## 27 | 0 | 0 | 0 |
| ## 28 | 0 | 0 | 2 |
| ## 29 | 6 | 5 | 6 |
| ## 30 | 3 | 4 | 4 |
| ## 31 | 0 | 2 | 4 |
| ## 32 | 7 | 6 | 5 |
| ## 33 | 0 | 0 | 2 |
| ## 34 | 6 | 7 | 8 |
| ## 35 | 97 | 0 | 0 |
| ## 36 | 10 | 5 | 8 |
| ## 37 | 1 | 0 | 3 |
| ## 38 | 10 | 10 | 9 |
| ## 39 | 97 | 97 | 97 |
| ## 40 | 1 | 3 | 5 |
| ## 41 | 10 | 5 | 6 |
| ## 42 | 97 | 6 | 4 |
| ## 43 | 0 | 0 | 3 |
| ## 44 | 2 | 0 | 2 |
| ## 45 | 4 | 6 | 6 |
| ## 46 | 5 | 6 | 8 |
| ## 47 | 8 | 5 | 6 |
| ## 48 | 1 | 0 | 1 |
| ## 49 | 0 | 0 | 3 |
| ## 50 | 9 | 7 | 9 |
| ## 51 | 97 | 0 | 1 |
| ## 52 | 5 | 7 | 6 |
| ## 53 | 7 | 4 | 6 |
| ## 54 | 6 | 5 | 4 |
| ## 55 | 8 | 7 | 8 |
| ## 56 | 8 | 9 | 9 |
| ## 57 | 6 | 4 | 4 |
| ## 58 | 4 | 4 | 7 |
| ## 59 | 2 | 0 | 1 |
| ## 60 | 97 | 97 | 2 |
| ## 61 | 97 | 3 | 4 |
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| ## 64 | 1 | 0 | 2 |
| ## 65 | 8 | 5 | 6 |
| ## 66 | 1 | 3 | 3 |
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|--------|----|----|----|
| ## 68 | 9 | 6 | 5 |
| ## 69 | 1 | 0 | 4 |
| ## 70 | 3 | 4 | 3 |
| ## 71 | 11 | 7 | 6 |
| ## 72 | 97 | 97 | 97 |
| ## 73 | 4 | 4 | 6 |
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| ## 75 | 9 | 6 | 7 |
| ## 76 | 1 | 2 | 5 |
| ## 77 | 97 | 97 | 97 |
| ## 78 | 9 | 7 | 7 |
| ## 79 | 97 | 97 | 97 |
| ## 80 | 97 | 97 | 0 |
| ## 81 | 10 | 2 | 5 |
| ## 82 | 11 | 9 | 9 |
| ## 83 | 11 | 3 | 6 |
| ## 84 | 97 | 97 | 97 |
| ## 85 | 0 | 0 | 1 |
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| ## 88 | 10 | 7 | 7 |
| ## 89 | 8 | 5 | 6 |
| ## 90 | 6 | 4 | 5 |
| ## 91 | 7 | 6 | 6 |
| ## 92 | 97 | 7 | 6 |
| ## 93 | 0 | 0 | 1 |
| ## 94 | 3 | 4 | 7 |
| ## 95 | 2 | 1 | 2 |
| ## 96 | 4 | 4 | 6 |
| ## 97 | 5 | 6 | 7 |
| ## 98 | 11 | 5 | 7 |
| ## 99 | 2 | 1 | 3 |
| ## 100 | 9 | 6 | 7 |
| ## 101 | 1 | 3 | 3 |
| ## 102 | 8 | 4 | 6 |
| ## 103 | 1 | 0 | 2 |
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| ## 105 | 1 | 0 | 2 |
| ## 106 | 97 | 97 | 97 |
| ## 107 | 1 | 0 | 6 |
| ## 108 | 1 | 1 | 2 |
| ## 109 | 97 | 0 | 1 |
| ## 110 | 0 | 0 | 1 |
| ## 111 | 5 | 4 | 6 |
| ## 112 | 5 | 3 | 3 |
| ## 113 | 97 | 97 | 97 |
| ## 114 | 7 | 2 | 5 |
| ## 115 | 4 | 1 | 3 |
| ## 116 | 97 | 1 | 1 |
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| ## 118 | 11 | 6 | 7 |
| ## 119 | 8 | 7 | 8 |
| ## 120 | 97 | 0 | 0 |
| ## 121 | 1 | 0 | 2 |

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|--------|----|----|----|
| ## 122 | 4 | 1 | 3 |
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| ## 125 | 97 | 0 | 1 |
| ## 126 | 2 | 2 | 1 |
| ## 127 | 97 | 3 | 3 |
| ## 128 | 97 | 97 | 97 |
| ## 129 | 10 | 8 | 8 |
| ## 130 | 9 | 6 | 7 |
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| ## 132 | 11 | 5 | 7 |
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| ## 134 | 0 | 0 | 0 |
| ## 135 | 7 | 0 | 3 |
| ## 136 | 97 | 0 | 1 |
| ## 137 | 6 | 8 | 8 |
| ## 138 | 97 | 0 | 2 |
| ## 139 | 7 | 0 | 1 |
| ## 140 | 97 | 1 | 3 |
| ## 141 | 11 | 8 | 7 |
| ## 142 | 11 | 8 | 5 |
| ## 143 | 97 | 4 | 4 |
| ## 144 | 97 | 0 | 0 |
| ## 145 | 97 | 97 | 2 |
| ## 146 | 11 | 5 | 6 |
| ## 147 | 11 | 10 | 10 |
| ## 148 | 97 | 97 | 97 |
| ## 149 | 0 | 0 | 2 |
| ## 150 | 4 | 0 | 1 |
| ## 151 | 10 | 6 | 7 |
| ## 152 | 3 | 2 | 4 |
| ## 153 | 1 | 4 | 3 |
| ## 154 | 9 | 7 | 7 |
| ## 155 | 6 | 2 | 5 |
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| ## 158 | 5 | 3 | 4 |
| ## 159 | 7 | 4 | 6 |
| ## 160 | 97 | 97 | 97 |
| ## 161 | 10 | 6 | 7 |
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| ## 165 | 5 | 3 | 5 |
| ## 166 | 9 | 4 | 7 |
| ## 167 | 97 | 97 | 2 |
| ## 168 | 0 | 0 | 0 |
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| ## 170 | 97 | 0 | 4 |
| ## 171 | 4 | 1 | 3 |
| ## 172 | 4 | 0 | 2 |
| ## 173 | 10 | 7 | 7 |
| ## 174 | 7 | 4 | 5 |
| ## 175 | 97 | 97 | 97 |

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|--------|----|----|----|
| ## 176 | 0 | 0 | 3 |
| ## 177 | 6 | 5 | 5 |
| ## 178 | 5 | 5 | 8 |
| ## 179 | 5 | 0 | 4 |
| ## 180 | 3 | 0 | 2 |
| ## 181 | 97 | 0 | 1 |
| ## 182 | 6 | 7 | 7 |
| ## 183 | 5 | 3 | 3 |
| ## 184 | 0 | 0 | 2 |
| ## 185 | 4 | 1 | 3 |
| ## 186 | 10 | 8 | 6 |
| ## 187 | 0 | 0 | 2 |
| ## 188 | 6 | 5 | 5 |
| ## 189 | 11 | 4 | 4 |
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| ## 192 | 2 | 3 | 4 |
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| ## 203 | 9 | 8 | 8 |
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| ## 207 | 8 | 5 | 6 |
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| ## 209 | 97 | 0 | 2 |
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| ## 216 | 9 | 8 | 8 |
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|--------|----|----|----|
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| ## 231 | 7 | 7 | 6 |
| ## 232 | 3 | 0 | 1 |
| ## 233 | 3 | 0 | 2 |
| ## 234 | 11 | 4 | 5 |
| ## 235 | 11 | 8 | 7 |
| ## 236 | 0 | 0 | 4 |
| ## 237 | 4 | 8 | 7 |
| ## 238 | 97 | 97 | 97 |
| ## 239 | 4 | 6 | 9 |
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| ## 241 | 6 | 4 | 4 |
| ## 242 | 3 | 2 | 5 |
| ## 243 | 8 | 8 | 7 |
| ## 244 | 0 | 1 | 3 |
| ## 245 | 97 | 0 | 2 |
| ## 246 | 97 | 97 | 97 |
| ## 247 | 3 | 6 | 8 |
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| ## 251 | 97 | 97 | 97 |
| ## 252 | 0 | 0 | 0 |
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| ## 254 | 97 | 0 | 0 |
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| ## 256 | 6 | 4 | 4 |
| ## 257 | 8 | 5 | 8 |
| ## 258 | 2 | 2 | 5 |
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| ## 262 | 5 | 7 | 7 |
| ## 263 | 97 | 4 | 3 |
| ## 264 | 97 | 97 | 97 |
| ## 265 | 2 | 3 | 4 |
| ## 266 | 0 | 0 | 4 |
| ## 267 | 97 | 0 | 1 |
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| ## 269 | 10 | 6 | 8 |
| ## 270 | 9 | 6 | 6 |
| ## 271 | 4 | 0 | 3 |
| ## 272 | 97 | 97 | 97 |
| ## 273 | 97 | 97 | 97 |
| ## 274 | 0 | 0 | 1 |
| ## 275 | 3 | 4 | 4 |
| ## 276 | 8 | 3 | 4 |
| ## 277 | 1 | 0 | 4 |
| ## 278 | 10 | 6 | 6 |
| ## 279 | 0 | 0 | 2 |
| ## 280 | 97 | 97 | 97 |
| ## 281 | 0 | 0 | 3 |
| ## 282 | 5 | 1 | 5 |
| ## 283 | 1 | 3 | 4 |

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|--------|----|----|----|
| ## 284 | 9 | 9 | 7 |
| ## 285 | 97 | 2 | 2 |
| ## 286 | 8 | 5 | 6 |
| ## 287 | 1 | 1 | 1 |
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| ## 289 | 8 | 8 | 7 |
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| ## 293 | 8 | 8 | 7 |
| ## 294 | 0 | 0 | 1 |
| ## 295 | 6 | 7 | 7 |
| ## 296 | 0 | 0 | 3 |
| ## 297 | 0 | 0 | 2 |
| ## 298 | 8 | 6 | 6 |
| ## 299 | 2 | 5 | 6 |
| ## 300 | 4 | 2 | 4 |
| ## 301 | 0 | 0 | 3 |
| ## 302 | 5 | 6 | 6 |
| ## 303 | 0 | 97 | 97 |
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| ## 306 | 97 | 0 | 1 |
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| ## 308 | 97 | 1 | 1 |
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| ## 310 | 97 | 97 | 97 |
| ## 311 | 6 | 4 | 5 |
| ## 312 | 11 | 9 | 9 |
| ## 313 | 4 | 0 | 1 |
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| ## 316 | 8 | 5 | 4 |
| ## 317 | 97 | 97 | 97 |
| ## 318 | 3 | 1 | 3 |
| ## 319 | 97 | 97 | 97 |
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| ## 322 | 9 | 6 | 6 |
| ## 323 | 5 | 7 | 8 |
| ## 324 | 0 | 0 | 3 |
| ## 325 | 0 | 0 | 1 |
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| ## 327 | 0 | 0 | 2 |
| ## 328 | 0 | 0 | 3 |
| ## 329 | 4 | 2 | 6 |
| ## 330 | 4 | 8 | 9 |
| ## 331 | 1 | 0 | 3 |
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| ## 333 | 9 | 6 | 6 |
| ## 334 | 1 | 1 | 2 |
| ## 335 | 97 | 0 | 0 |
| ## 336 | 6 | 2 | 5 |
| ## 337 | 0 | 0 | 0 |

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|--------|----|----|----|
| ## 338 | 0 | 0 | 2 |
| ## 339 | 5 | 1 | 4 |
| ## 340 | 3 | 1 | 4 |
| ## 341 | 97 | 97 | 97 |
| ## 342 | 2 | 3 | 4 |
| ## 343 | 97 | 1 | 5 |
| ## 344 | 97 | 0 | 1 |
| ## 345 | 8 | 6 | 6 |
| ## 346 | 97 | 97 | 97 |
| ## 347 | 9 | 4 | 6 |
| ## 348 | 3 | 4 | 5 |
| ## 349 | 2 | 1 | 4 |
| ## 350 | 1 | 0 | 2 |
| ## 351 | 8 | 4 | 5 |
| ## 352 | 97 | 97 | 97 |
| ## 353 | 5 | 5 | 7 |
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| ## 359 | 0 | 0 | 4 |
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| ## 362 | 97 | 5 | 5 |
| ## 363 | 97 | 97 | 97 |
| ## 364 | 6 | 6 | 7 |
| ## 365 | 9 | 5 | 6 |
| ## 366 | 4 | 7 | 5 |
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| ## 368 | 1 | 0 | 3 |
| ## 369 | 8 | 7 | 6 |
| ## 370 | 2 | 0 | 2 |
| ## 371 | 0 | 0 | 0 |
| ## 372 | 97 | 0 | 2 |
| ## 373 | 10 | 4 | 5 |
| ## 374 | 7 | 4 | 5 |
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| ## 377 | 2 | 2 | 2 |
| ## 378 | 97 | 97 | 97 |
| ## 379 | 7 | 5 | 5 |
| ## 380 | 2 | 1 | 3 |
| ## 381 | 0 | 0 | 2 |
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| ## 383 | 8 | 4 | 4 |
| ## 384 | 97 | 97 | 97 |
| ## 385 | 1 | 3 | 6 |
| ## 386 | 97 | 97 | 97 |
| ## 387 | 3 | 2 | 3 |
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| ## 390 | 0 | 0 | 4 |
| ## 391 | 9 | 6 | 7 |

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|--------|----|----|----|
| ## 392 | 7 | 7 | 6 |
| ## 393 | 9 | 6 | 7 |
| ## 394 | 8 | 2 | 3 |
| ## 395 | 9 | 3 | 6 |
| ## 396 | 8 | 3 | 6 |
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| ## 399 | 2 | 2 | 3 |
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| ## 401 | 1 | 0 | 0 |
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| ## 403 | 97 | 0 | 4 |
| ## 404 | 9 | 5 | 6 |
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| ## 406 | 4 | 1 | 4 |
| ## 407 | 6 | 4 | 4 |
| ## 408 | 6 | 5 | 5 |
| ## 409 | 8 | 6 | 7 |
| ## 410 | 11 | 8 | 6 |
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| ## 414 | 97 | 97 | 97 |
| ## 415 | 97 | 97 | 97 |
| ## 416 | 8 | 9 | 9 |
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| ## 419 | 11 | 7 | 7 |
| ## 420 | 11 | 10 | 8 |
| ## 421 | 6 | 4 | 3 |
| ## 422 | 6 | 7 | 6 |
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| ## 425 | 2 | 8 | 6 |
| ## 426 | 0 | 0 | 5 |
| ## 427 | 6 | 4 | 6 |
| ## 428 | 8 | 1 | 3 |
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| ## 437 | 97 | 97 | 97 |
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|--------|----|----|----|
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| ## 450 | 0 | 0 | 0 |
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| ## 456 | 0 | 0 | 4 |
| ## 457 | 97 | 2 | 1 |
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| ## 461 | 9 | 4 | 5 |
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| ## 463 | 10 | 6 | 5 |
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| ## 466 | 2 | 1 | 2 |
| ## 467 | 6 | 4 | 5 |
| ## 468 | 6 | 4 | 6 |
| ## 469 | 97 | 97 | 97 |
| ## 470 | 9 | 2 | 3 |
| ## 471 | 3 | 3 | 0 |
| ## 472 | 97 | 97 | 97 |
| ## 473 | 8 | 3 | 5 |
| ## 474 | 3 | 2 | 4 |
| ## 475 | 6 | 4 | 6 |
| ## 476 | 5 | 5 | 7 |
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| ## 481 | 3 | 0 | 3 |
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| ## 483 | 5 | 1 | 5 |
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| ## 486 | 3 | 7 | 7 |
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| ## 490 | 3 | 6 | 5 |
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| ## 492 | 2 | 0 | 2 |
| ## 493 | 4 | 5 | 5 |
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| ## 495 | 11 | 5 | 5 |
| ## 496 | 0 | 0 | 0 |
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| ## 498 | 11 | 9 | 7 |
| ## 499 | 11 | 7 | 6 |

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|--------|----|----|----|
| ## 500 | 0 | 3 | 3 |
| ## 501 | 11 | 9 | 9 |
| ## 502 | 1 | 5 | 5 |
| ## 503 | 0 | 5 | 5 |
| ## 504 | 8 | 8 | 8 |
| ## 505 | 1 | 0 | 2 |
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| ## 509 | 0 | 2 | 6 |
| ## 510 | 9 | 4 | 3 |
| ## 511 | 0 | 97 | 97 |
| ## 512 | 9 | 6 | 7 |
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| ## 517 | 9 | 4 | 5 |
| ## 518 | 4 | 3 | 3 |
| ## 519 | 97 | 97 | 97 |
| ## 520 | 10 | 3 | 4 |
| ## 521 | 6 | 3 | 5 |
| ## 522 | 9 | 9 | 8 |
| ## 523 | 8 | 5 | 5 |
| ## 524 | 10 | 7 | 7 |
| ## 525 | 0 | 2 | 3 |
| ## 526 | 4 | 4 | 5 |
| ## 527 | 3 | 5 | 5 |
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| ## 537 | 2 | 5 | 3 |
| ## 538 | 8 | 7 | 6 |
| ## 539 | 3 | 1 | 3 |
| ## 540 | 8 | 7 | 8 |
| ## 541 | 6 | 6 | 5 |
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| ## 543 | 3 | 6 | 6 |
| ## 544 | 4 | 6 | 6 |
| ## 545 | 6 | 5 | 4 |
| ## 546 | 97 | 4 | 4 |
| ## 547 | 5 | 8 | 8 |
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| ## 550 | 5 | 5 | 6 |
| ## 551 | 6 | 6 | 7 |
| ## 552 | 1 | 0 | 2 |
| ## 553 | 6 | 8 | 8 |

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|--------|----|----|----|
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| ## 555 | 5 | 5 | 6 |
| ## 556 | 4 | 4 | 5 |
| ## 557 | 6 | 6 | 6 |
| ## 558 | 0 | 0 | 1 |
| ## 559 | 6 | 6 | 7 |
| ## 560 | 0 | 1 | 4 |
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| ## 562 | 3 | 1 | 8 |
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| ## 5 | 2 | 7 | 5 |
| ## 6 | 7 | 18 | 8 |
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| ## 167 | 97 | 97 | 97 |
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| ## 214 | 9 | 23 | 7 |
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| ## 471 | 8 | 0 | 8 |
| ## 472 | 97 | 97 | 97 |
| ## 473 | 8 | 14 | 7 |
| ## 474 | 10 | 4 | 5 |
| ## 475 | 7 | 12 | 6 |
| ## 476 | 10 | 0 | 5 |
| ## 477 | 10 | 2 | 0 |
| ## 478 | 5 | 13 | 6 |
| ## 479 | 10 | 12 | 8 |
| ## 480 | 4 | 8 | 5 |
| ## 481 | 5 | 3 | 6 |
| ## 482 | 8 | 20 | 9 |
| ## 483 | 10 | 4 | 5 |
| ## 484 | 9 | 14 | 8 |
| ## 485 | 0 | 1 | 1 |
| ## 486 | 10 | 10 | 8 |
| ## 487 | 9 | 15 | 7 |
| ## 488 | 10 | 21 | 7 |
| ## 489 | 9 | 7 | 3 |
| ## 490 | 9 | 13 | 5 |
| ## 491 | 8 | 14 | 7 |
| ## 492 | 9 | 1 | 2 |
| ## 493 | 10 | 18 | 9 |
| ## 494 | 10 | 5 | 97 |
| ## 495 | 9 | 21 | 9 |
| ## 496 | 6 | 1 | 3 |
| ## 497 | 8 | 4 | 2 |
| ## 498 | 10 | 30 | 10 |
| ## 499 | 10 | 13 | 8 |
| ## 500 | 8 | 10 | 4 |
| ## 501 | 10 | 97 | 9 |
| ## 502 | 7 | 4 | 7 |
| ## 503 | 9 | 14 | 6 |
| ## 504 | 9 | 29 | 8 |
| ## 505 | 9 | 2 | 1 |
| ## 506 | 10 | 5 | 6 |
| ## 507 | 9 | 0 | 97 |
| ## 508 | 8 | 3 | 4 |
| ## 509 | 4 | 8 | 4 |
| ## 510 | 10 | 3 | 7 |

| | | | |
|--------|----|----|----|
| ## 511 | 97 | 97 | 97 |
| ## 512 | 10 | 23 | 9 |
| ## 513 | 9 | 2 | 2 |
| ## 514 | 8 | 4 | 1 |
| ## 515 | 9 | 14 | 4 |
| ## 516 | 9 | 10 | 97 |
| ## 517 | 9 | 17 | 10 |
| ## 518 | 7 | 9 | 5 |
| ## 519 | 97 | 97 | 97 |
| ## 520 | 7 | 15 | 8 |
| ## 521 | 8 | 19 | 8 |
| ## 522 | 10 | 26 | 10 |
| ## 523 | 9 | 19 | 7 |
| ## 524 | 10 | 97 | 10 |
| ## 525 | 9 | 97 | 97 |
| ## 526 | 10 | 17 | 8 |
| ## 527 | 10 | 31 | 8 |
| ## 528 | 10 | 18 | 9 |
| ## 529 | 9 | 16 | 10 |
| ## 530 | 10 | 18 | 8 |
| ## 531 | 10 | 21 | 8 |
| ## 532 | 10 | 12 | 7 |
| ## 533 | 9 | 18 | 7 |
| ## 534 | 9 | 29 | 8 |
| ## 535 | 10 | 31 | 8 |
| ## 536 | 9 | 17 | 9 |
| ## 537 | 10 | 8 | 3 |
| ## 538 | 10 | 17 | 6 |
| ## 539 | 5 | 6 | 4 |
| ## 540 | 10 | 25 | 8 |
| ## 541 | 9 | 12 | 7 |
| ## 542 | 7 | 7 | 97 |
| ## 543 | 10 | 32 | 9 |
| ## 544 | 10 | 14 | 7 |
| ## 545 | 10 | 28 | 5 |
| ## 546 | 7 | 21 | 2 |
| ## 547 | 10 | 28 | 8 |
| ## 548 | 7 | 20 | 8 |
| ## 549 | 10 | 11 | 10 |
| ## 550 | 6 | 13 | 8 |
| ## 551 | 7 | 18 | 7 |
| ## 552 | 0 | 5 | 0 |
| ## 553 | 10 | 15 | 7 |
| ## 554 | 9 | 35 | 10 |
| ## 555 | 9 | 18 | 6 |
| ## 556 | 10 | 11 | 9 |
| ## 557 | 8 | 26 | 10 |
| ## 558 | 3 | 2 | 0 |
| ## 559 | 10 | 9 | 6 |
| ## 560 | 7 | 5 | 2 |
| ## 561 | 7 | 10 | 5 |
| ## 562 | 10 | 13 | 3 |
| ## 563 | 10 | 16 | 9 |
| ## 564 | 10 | 21 | 6 |

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|--------|----|----|----|
| ## 565 | 9 | 26 | 10 |
| ## 566 | 10 | 25 | 9 |
| ## 567 | 10 | 21 | 9 |
| ## 568 | 10 | 29 | 10 |
| ## 569 | 6 | 7 | 6 |
| ## 570 | 9 | 97 | 97 |
| ## 571 | 10 | 10 | 9 |
| ## 572 | 9 | 11 | 5 |
| ## 573 | 5 | 12 | 7 |
| ## 574 | 9 | 9 | 8 |
| ## 575 | 10 | 21 | 9 |
| ## 576 | 9 | 24 | 9 |
| ## 577 | 10 | 16 | 97 |
| ## 578 | 10 | 97 | 97 |
| ## 579 | 10 | 29 | 10 |
| ## 580 | 10 | 16 | 8 |
| ## 581 | 10 | 22 | 8 |
| ## 582 | 10 | 16 | 7 |
| ## 583 | 9 | 15 | 9 |
| ## 584 | 9 | 18 | 8 |
| ## 585 | 5 | 6 | 8 |
| ## 586 | 97 | 97 | 97 |
| ## 587 | 8 | 16 | 6 |
| ## 588 | 10 | 22 | 10 |
| ## 589 | 10 | 32 | 9 |
| ## 590 | 10 | 11 | 7 |
| ## 591 | 10 | 10 | 7 |
| ## 592 | 7 | 0 | 0 |
| ## 593 | 9 | 23 | 10 |
| ## 594 | 8 | 18 | 7 |
| ## 595 | 10 | 26 | 10 |
| ## 596 | 9 | 14 | 97 |
| ## 597 | 9 | 6 | 97 |
| ## 598 | 8 | 5 | 3 |
| ## 599 | 10 | 30 | 8 |
| ## 600 | 97 | 97 | 97 |
| ## 601 | 7 | 8 | 8 |
| ## 602 | 8 | 15 | 6 |
| ## 603 | 10 | 22 | 8 |
| ## 604 | 5 | 4 | 3 |
| ## 605 | 10 | 24 | 9 |
| ## 606 | 10 | 15 | 10 |
| ## 607 | 9 | 17 | 8 |
| ## 608 | 10 | 13 | 6 |
| ## 609 | 8 | 8 | 6 |
| ## 610 | 10 | 25 | 8 |
| ## 611 | 10 | 31 | 10 |
| ## 612 | 10 | 5 | 4 |
| ## 613 | 8 | 28 | 9 |
| ## 614 | 8 | 6 | 7 |
| ## 615 | 4 | 11 | 3 |
| ## 616 | 4 | 13 | 7 |
| ## 617 | 10 | 16 | 7 |
| ## 618 | 9 | 97 | 97 |

| | | | |
|--------|----|----|----|
| ## 619 | 6 | 13 | 6 |
| ## 620 | 6 | 4 | 97 |
| ## 621 | 5 | 1 | 0 |
| ## 622 | 8 | 18 | 7 |
| ## 623 | 8 | 10 | 9 |
| ## 624 | 7 | 6 | 8 |
| ## 625 | 10 | 29 | 7 |
| ## 626 | 7 | 31 | 7 |
| ## 627 | 8 | 15 | 8 |
| ## 628 | 6 | 20 | 6 |
| ## 629 | 10 | 10 | 10 |
| ## 630 | 6 | 12 | 0 |
| ## 631 | 7 | 17 | 8 |
| ## 632 | 6 | 22 | 6 |
| ## 633 | 10 | 19 | 8 |
| ## 634 | 10 | 20 | 10 |
| ## 635 | 4 | 11 | 5 |
| ## 636 | 5 | 3 | 5 |
| ## 637 | 10 | 25 | 7 |
| ## 638 | 7 | 18 | 6 |
| ## 639 | 2 | 3 | 1 |
| ## 640 | 10 | 21 | 8 |
| ## 641 | 10 | 27 | 10 |
| ## 642 | 9 | 8 | 6 |
| ## 643 | 9 | 17 | 8 |
| ## 644 | 97 | 97 | 97 |
| ## 645 | 8 | 9 | 7 |
| ## 646 | 9 | 16 | 6 |
| ## 647 | 10 | 23 | 9 |
| ## 648 | 8 | 97 | 7 |
| ## 649 | 10 | 22 | 10 |
| ## 650 | 9 | 19 | 97 |
| ## 651 | 8 | 14 | 8 |
| ## 652 | 10 | 27 | 9 |
| ## 653 | 10 | 34 | 9 |
| ## 654 | 10 | 31 | 9 |
| ## 655 | 9 | 10 | 4 |
| ## 656 | 9 | 14 | 7 |
| ## 657 | 10 | 15 | 8 |
| ## 658 | 10 | 12 | 8 |
| ## 659 | 10 | 25 | 8 |
| ## 660 | 9 | 26 | 6 |
| ## 661 | 10 | 19 | 9 |
| ## 662 | 10 | 13 | 9 |
| ## 663 | 4 | 24 | 4 |
| ## 664 | 10 | 24 | 9 |
| ## 665 | 10 | 34 | 10 |
| ## 666 | 8 | 20 | 8 |
| ## 667 | 10 | 25 | 9 |
| ## 668 | 97 | 97 | 97 |
| ## 669 | 10 | 13 | 8 |
| ## 670 | 10 | 16 | 9 |
| ## 671 | 97 | 97 | 97 |
| ## 672 | 10 | 18 | 8 |

| | | | |
|--------|----|----|----|
| ## 673 | 9 | 30 | 10 |
| ## 674 | 10 | 24 | 8 |
| ## 675 | 10 | 24 | 8 |
| ## 676 | 10 | 11 | 7 |
| ## 677 | 10 | 28 | 10 |
| ## 678 | 8 | 11 | 8 |
| ## 679 | 7 | 6 | 4 |
| ## 680 | 9 | 18 | 8 |
| ## 681 | 10 | 14 | 8 |
| ## 682 | 8 | 10 | 7 |
| ## 683 | 9 | 13 | 97 |
| ## 684 | 10 | 9 | 5 |
| ## 685 | 5 | 31 | 7 |
| ## 686 | 10 | 18 | 10 |
| ## 687 | 8 | 14 | 9 |
| ## 688 | 9 | 11 | 9 |
| ## 689 | 97 | 97 | 97 |
| ## 690 | 10 | 31 | 5 |
| ## 691 | 9 | 10 | 8 |
| ## 692 | 10 | 26 | 9 |
| ## 693 | 7 | 12 | 7 |
| ## 694 | 3 | 11 | 97 |
| ## 695 | 9 | 18 | 7 |
| ## 696 | 10 | 28 | 7 |
| ## 697 | 10 | 21 | 10 |
| ## 698 | 97 | 97 | 97 |
| ## 699 | 9 | 6 | 6 |
| ## 700 | 10 | 0 | 1 |
| ## 701 | 5 | 10 | 97 |
| ## 702 | 10 | 30 | 9 |
| ## 703 | 10 | 24 | 9 |
| ## 704 | 9 | 18 | 9 |
| ## 705 | 10 | 22 | 10 |
| ## 706 | 8 | 11 | 7 |
| ## 707 | 8 | 31 | 9 |
| ## 708 | 8 | 13 | 7 |
| ## 709 | 5 | 9 | 5 |
| ## 710 | 10 | 11 | 9 |
| ## 711 | 9 | 14 | 5 |
| ## 712 | 5 | 1 | 1 |
| ## 713 | 8 | 15 | 8 |
| ## 714 | 10 | 2 | 5 |
| ## 715 | 7 | 12 | 8 |
| ## 716 | 5 | 11 | 9 |
| ## 717 | 9 | 6 | 2 |
| ## 718 | 10 | 21 | 6 |
| ## 719 | 10 | 37 | 10 |
| ## 720 | 2 | 5 | 3 |
| ## 721 | 3 | 4 | 8 |
| ## 722 | 9 | 7 | 7 |
| ## 723 | 10 | 11 | 7 |
| ## 724 | 10 | 28 | 7 |
| ## 725 | 10 | 14 | 9 |
| ## 726 | 8 | 97 | 3 |

| | | | | | | |
|--------|------------------|--------|--------|-----------------------------|--------|-----------|
| ## 727 | 10 | 32 | 10 | | | |
| ## 728 | 8 | 14 | 8 | | | |
| ## 729 | 10 | 8 | 8 | | | |
| ## 730 | 10 | 24 | 10 | | | |
| ## 731 | 10 | 19 | 9 | | | |
| ## 732 | 9 | 9 | 0 | | | |
| ## 733 | 9 | 3 | 9 | | | |
| ## 734 | 10 | 15 | 9 | | | |
| ## 735 | 10 | 25 | 8 | | | |
| ## 736 | 9 | 19 | 8 | | | |
| ## 737 | 8 | 16 | 9 | | | |
| ## 738 | 10 | 4 | 4 | | | |
| ## 739 | 6 | 4 | 97 | | | |
| ## 740 | 2 | 7 | 5 | | | |
| ## 741 | 10 | 23 | 8 | | | |
| ## 742 | 9 | 8 | 5 | | | |
| ## 743 | 7 | 23 | 9 | | | |
| ## 744 | 10 | 10 | 97 | | | |
| ## | Benton_vis_reten | Weight | Height | Pulse_obliteration_pressure | Vision | BPM |
| ## 1 | 5 | 163 | 68 | 140.0000 | 997 | 76.00000 |
| ## 2 | 1 | 145 | 67 | 160.0000 | 997 | 72.00000 |
| ## 3 | 5 | 222 | 71 | 100.0000 | 50 | 84.00000 |
| ## 4 | 2 | 71 | 48 | 998.0000 | 40 | 96.00000 |
| ## 5 | 0 | 165 | 67 | 180.0000 | 200 | 76.00000 |
| ## 6 | 1 | 140 | 66 | 140.0000 | 30 | 80.00000 |
| ## 7 | 6 | 172 | 62 | 160.0000 | 997 | 76.00000 |
| ## 8 | 5 | 180 | 62 | 160.0000 | 25 | 998.00000 |
| ## 9 | 7 | 200 | 63 | 160.0000 | 997 | 96.00000 |
| ## 10 | 4 | 160 | 67 | 130.0000 | 997 | 60.00000 |
| ## 11 | 1 | 204 | 68 | 172.0000 | 25 | 60.00000 |
| ## 12 | 0 | 998 | 998 | 140.0000 | 997 | 60.00000 |
| ## 13 | 97 | 168 | 66 | 130.0000 | 50 | 60.00000 |
| ## 14 | 7 | 180 | 68 | 140.0000 | 997 | 112.00000 |
| ## 15 | 3 | 168 | 61 | 120.0000 | 997 | 112.00000 |
| ## 16 | 97 | 85 | 61 | 120.0000 | 997 | 70.00000 |
| ## 17 | 4 | 155 | 64 | 130.0000 | 997 | 63.00000 |
| ## 18 | 6 | 155 | 64 | 140.0000 | 997 | 85.00000 |
| ## 19 | 1 | 142 | 998 | 160.0000 | 997 | 66.00000 |
| ## 20 | 5 | 180 | 71 | 90.0000 | 997 | 112.00000 |
| ## 21 | 7 | 130 | 62 | 160.0000 | 40 | 60.00000 |
| ## 22 | 5 | 120 | 64 | 132.0000 | 20 | 72.00000 |
| ## 23 | 97 | 117 | 64 | 120.0000 | 100 | 64.00000 |
| ## 24 | 2 | 220 | 74 | 165.0000 | 997 | 60.00000 |
| ## 25 | 8 | 160 | 67 | 130.0000 | 997 | 60.00000 |
| ## 26 | 5 | 170 | 69 | 130.0000 | 997 | 60.00000 |
| ## 27 | 97 | 998 | 998 | 170.0000 | 997 | 66.00000 |
| ## 28 | 97 | 95 | 67 | 100.0000 | 997 | 60.00000 |
| ## 29 | 97 | 150 | 63 | 160.0000 | 997 | 96.00000 |
| ## 30 | 3 | 260 | 74 | 78.0000 | 40 | 60.00000 |
| ## 31 | 97 | 998 | 998 | 166.9471 | 997 | 78.33919 |
| ## 32 | 2 | 115 | 64 | 130.0000 | 30 | 70.00000 |
| ## 33 | 0 | 160 | 66 | 190.0000 | 997 | 80.00000 |
| ## 34 | 2 | 140 | 70 | 130.0000 | 997 | 96.00000 |
| ## 35 | 97 | 160 | 60 | 110.0000 | 50 | 48.00000 |

| | | | | | | |
|-------|----|-----|-----|----------|-----|-----------|
| ## 36 | 4 | 190 | 71 | 140.0000 | 997 | 60.00000 |
| ## 37 | 0 | 139 | 69 | 110.0000 | 997 | 80.00000 |
| ## 38 | 8 | 140 | 70 | 110.0000 | 30 | 72.00000 |
| ## 39 | 97 | 146 | 62 | 134.0000 | 25 | 92.00000 |
| ## 40 | 3 | 132 | 63 | 160.0000 | 997 | 86.00000 |
| ## 41 | 5 | 176 | 66 | 140.0000 | 20 | 72.00000 |
| ## 42 | 97 | 126 | 67 | 160.0000 | 997 | 997.00000 |
| ## 43 | 1 | 185 | 61 | 100.0000 | 70 | 80.00000 |
| ## 44 | 97 | 128 | 63 | 130.0000 | 200 | 96.00000 |
| ## 45 | 4 | 247 | 67 | 126.0000 | 50 | 84.00000 |
| ## 46 | 6 | 199 | 66 | 170.0000 | 997 | 60.00000 |
| ## 47 | 97 | 160 | 61 | 120.0000 | 997 | 64.00000 |
| ## 48 | 3 | 130 | 68 | 140.0000 | 997 | 88.00000 |
| ## 49 | 1 | 170 | 75 | 164.0000 | 20 | 69.00000 |
| ## 50 | 5 | 138 | 67 | 150.0000 | 30 | 84.00000 |
| ## 51 | 97 | 160 | 75 | 130.0000 | 997 | 64.00000 |
| ## 52 | 0 | 148 | 60 | 135.0000 | 997 | 80.00000 |
| ## 53 | 7 | 150 | 66 | 130.0000 | 25 | 72.00000 |
| ## 54 | 0 | 135 | 69 | 140.0000 | 997 | 72.00000 |
| ## 55 | 4 | 250 | 65 | 140.0000 | 997 | 72.00000 |
| ## 56 | 6 | 141 | 64 | 120.0000 | 997 | 112.00000 |
| ## 57 | 2 | 145 | 60 | 180.0000 | 50 | 80.00000 |
| ## 58 | 2 | 172 | 71 | 130.0000 | 997 | 64.00000 |
| ## 59 | 0 | 146 | 67 | 90.0000 | 997 | 72.00000 |
| ## 60 | 97 | 204 | 73 | 120.0000 | 997 | 72.00000 |
| ## 61 | 97 | 135 | 68 | 140.0000 | 997 | 64.00000 |
| ## 62 | 6 | 200 | 69 | 180.0000 | 30 | 60.00000 |
| ## 63 | 97 | 127 | 67 | 150.0000 | 997 | 70.00000 |
| ## 64 | 0 | 159 | 61 | 140.0000 | 997 | 75.00000 |
| ## 65 | 5 | 139 | 66 | 160.0000 | 997 | 105.00000 |
| ## 66 | 0 | 204 | 72 | 110.0000 | 997 | 76.00000 |
| ## 67 | 4 | 158 | 67 | 120.0000 | 25 | 64.00000 |
| ## 68 | 4 | 200 | 73 | 140.0000 | 30 | 80.00000 |
| ## 69 | 2 | 160 | 66 | 172.0000 | 20 | 57.00000 |
| ## 70 | 1 | 163 | 68 | 140.0000 | 997 | 96.00000 |
| ## 71 | 6 | 204 | 69 | 170.0000 | 997 | 60.00000 |
| ## 72 | 97 | 998 | 998 | 130.0000 | 997 | 96.00000 |
| ## 73 | 2 | 135 | 64 | 160.0000 | 70 | 72.00000 |
| ## 74 | 1 | 115 | 62 | 130.0000 | 997 | 65.00000 |
| ## 75 | 7 | 110 | 67 | 130.0000 | 997 | 94.00000 |
| ## 76 | 1 | 165 | 60 | 998.0000 | 400 | 76.00000 |
| ## 77 | 97 | 128 | 63 | 100.0000 | 997 | 58.00000 |
| ## 78 | 5 | 280 | 71 | 100.0000 | 997 | 58.00000 |
| ## 79 | 97 | 140 | 66 | 998.0000 | 997 | 80.00000 |
| ## 80 | 97 | 178 | 72 | 110.0000 | 997 | 48.00000 |
| ## 81 | 2 | 194 | 72 | 118.0000 | 997 | 80.00000 |
| ## 82 | 7 | 182 | 69 | 130.0000 | 997 | 48.00000 |
| ## 83 | 6 | 140 | 66 | 130.0000 | 997 | 58.00000 |
| ## 84 | 97 | 998 | 998 | 166.9471 | 997 | 78.33919 |
| ## 85 | 97 | 115 | 60 | 998.0000 | 997 | 84.00000 |
| ## 86 | 1 | 150 | 63 | 110.0000 | 997 | 80.00000 |
| ## 87 | 2 | 212 | 68 | 130.0000 | 997 | 62.00000 |
| ## 88 | 4 | 160 | 61 | 120.0000 | 70 | 96.00000 |
| ## 89 | 6 | 155 | 61 | 140.0000 | 20 | 84.00000 |

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|--------|----|-----|-----|----------|-----|----------|
| ## 90 | 4 | 145 | 66 | 150.0000 | 20 | 84.00000 |
| ## 91 | 6 | 197 | 71 | 130.0000 | 70 | 60.00000 |
| ## 92 | 97 | 180 | 63 | 124.0000 | 30 | 64.00000 |
| ## 93 | 97 | 92 | 50 | 140.0000 | 25 | 92.00000 |
| ## 94 | 2 | 163 | 67 | 170.0000 | 997 | 60.00000 |
| ## 95 | 97 | 145 | 66 | 120.0000 | 200 | 50.00000 |
| ## 96 | 5 | 210 | 73 | 140.0000 | 20 | 64.00000 |
| ## 97 | 4 | 142 | 64 | 150.0000 | 997 | 70.00000 |
| ## 98 | 7 | 163 | 64 | 120.0000 | 30 | 54.00000 |
| ## 99 | 0 | 116 | 60 | 130.0000 | 997 | 72.00000 |
| ## 100 | 6 | 266 | 75 | 130.0000 | 25 | 80.00000 |
| ## 101 | 97 | 100 | 55 | 90.0000 | 997 | 96.00000 |
| ## 102 | 5 | 168 | 68 | 150.0000 | 40 | 86.00000 |
| ## 103 | 1 | 167 | 66 | 140.0000 | 997 | 48.00000 |
| ## 104 | 3 | 135 | 65 | 110.0000 | 100 | 88.00000 |
| ## 105 | 97 | 90 | 62 | 106.0000 | 997 | 80.00000 |
| ## 106 | 97 | 155 | 63 | 130.0000 | 997 | 68.00000 |
| ## 107 | 1 | 150 | 74 | 130.0000 | 997 | 80.00000 |
| ## 108 | 1 | 136 | 64 | 200.0000 | 997 | 40.00000 |
| ## 109 | 97 | 185 | 62 | 160.0000 | 997 | 80.00000 |
| ## 110 | 97 | 120 | 67 | 164.0000 | 100 | 60.00000 |
| ## 111 | 4 | 165 | 60 | 120.0000 | 50 | 60.00000 |
| ## 112 | 2 | 148 | 61 | 170.0000 | 997 | 72.00000 |
| ## 113 | 97 | 152 | 65 | 140.0000 | 997 | 86.00000 |
| ## 114 | 3 | 220 | 75 | 120.0000 | 997 | 48.00000 |
| ## 115 | 3 | 140 | 65 | 130.0000 | 997 | 60.00000 |
| ## 116 | 97 | 145 | 66 | 130.0000 | 400 | 68.00000 |
| ## 117 | 0 | 170 | 66 | 140.0000 | 997 | 68.00000 |
| ## 118 | 8 | 168 | 72 | 120.0000 | 30 | 76.00000 |
| ## 119 | 4 | 141 | 64 | 150.0000 | 20 | 76.00000 |
| ## 120 | 97 | 105 | 56 | 170.0000 | 997 | 69.00000 |
| ## 121 | 97 | 115 | 55 | 120.0000 | 800 | 72.00000 |
| ## 122 | 97 | 102 | 56 | 160.0000 | 997 | 80.00000 |
| ## 123 | 97 | 998 | 998 | 170.0000 | 997 | 80.00000 |
| ## 124 | 3 | 117 | 64 | 100.0000 | 30 | 68.00000 |
| ## 125 | 97 | 180 | 70 | 150.0000 | 997 | 72.00000 |
| ## 126 | 97 | 176 | 68 | 140.0000 | 400 | 68.00000 |
| ## 127 | 97 | 115 | 60 | 110.0000 | 997 | 60.00000 |
| ## 128 | 97 | 180 | 69 | 130.0000 | 997 | 80.00000 |
| ## 129 | 7 | 178 | 69 | 170.0000 | 997 | 50.00000 |
| ## 130 | 4 | 156 | 73 | 130.0000 | 997 | 70.00000 |
| ## 131 | 97 | 135 | 61 | 108.0000 | 40 | 64.00000 |
| ## 132 | 7 | 158 | 67 | 138.0000 | 30 | 73.00000 |
| ## 133 | 6 | 185 | 64 | 140.0000 | 25 | 96.00000 |
| ## 134 | 97 | 998 | 998 | 110.0000 | 997 | 72.00000 |
| ## 135 | 1 | 163 | 74 | 158.0000 | 30 | 66.00000 |
| ## 136 | 97 | 85 | 60 | 110.0000 | 997 | 79.00000 |
| ## 137 | 5 | 148 | 62 | 130.0000 | 997 | 70.00000 |
| ## 138 | 97 | 998 | 998 | 90.0000 | 997 | 96.00000 |
| ## 139 | 0 | 147 | 65 | 142.0000 | 997 | 55.00000 |
| ## 140 | 97 | 150 | 68 | 150.0000 | 50 | 96.00000 |
| ## 141 | 5 | 126 | 59 | 120.0000 | 30 | 72.00000 |
| ## 142 | 6 | 161 | 64 | 150.0000 | 997 | 60.00000 |
| ## 143 | 97 | 114 | 63 | 998.0000 | 50 | 68.00000 |

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|--------|----|-----|-----|----------|-----|-----------|
| ## 144 | 97 | 180 | 998 | 180.0000 | 997 | 59.00000 |
| ## 145 | 97 | 135 | 61 | 260.0000 | 40 | 92.00000 |
| ## 146 | 7 | 132 | 65 | 140.0000 | 40 | 88.00000 |
| ## 147 | 6 | 194 | 68 | 130.0000 | 997 | 54.00000 |
| ## 148 | 97 | 185 | 65 | 130.0000 | 997 | 80.00000 |
| ## 149 | 97 | 82 | 59 | 120.0000 | 997 | 72.00000 |
| ## 150 | 2 | 125 | 60 | 130.0000 | 997 | 60.00000 |
| ## 151 | 6 | 195 | 70 | 140.0000 | 20 | 64.00000 |
| ## 152 | 97 | 204 | 65 | 120.0000 | 997 | 72.00000 |
| ## 153 | 97 | 160 | 74 | 110.0000 | 40 | 84.00000 |
| ## 154 | 7 | 100 | 60 | 160.0000 | 30 | 84.00000 |
| ## 155 | 4 | 207 | 70 | 998.0000 | 30 | 64.00000 |
| ## 156 | 7 | 164 | 62 | 130.0000 | 997 | 76.00000 |
| ## 157 | 3 | 250 | 70 | 170.0000 | 997 | 86.00000 |
| ## 158 | 2 | 156 | 68 | 150.0000 | 997 | 96.00000 |
| ## 159 | 3 | 160 | 64 | 998.0000 | 50 | 76.00000 |
| ## 160 | 97 | 160 | 998 | 100.0000 | 997 | 88.00000 |
| ## 161 | 6 | 140 | 62 | 132.0000 | 30 | 76.00000 |
| ## 162 | 0 | 151 | 69 | 150.0000 | 30 | 64.00000 |
| ## 163 | 5 | 115 | 69 | 140.0000 | 997 | 72.00000 |
| ## 164 | 7 | 242 | 74 | 140.0000 | 40 | 60.00000 |
| ## 165 | 3 | 110 | 60 | 160.0000 | 40 | 80.00000 |
| ## 166 | 2 | 152 | 67 | 140.0000 | 997 | 58.00000 |
| ## 167 | 97 | 86 | 63 | 94.0000 | 70 | 69.00000 |
| ## 168 | 0 | 110 | 58 | 130.0000 | 997 | 75.00000 |
| ## 169 | 6 | 183 | 70 | 126.0000 | 20 | 60.00000 |
| ## 170 | 97 | 140 | 72 | 110.0000 | 997 | 96.00000 |
| ## 171 | 1 | 187 | 66 | 140.0000 | 997 | 80.00000 |
| ## 172 | 0 | 130 | 66 | 150.0000 | 70 | 84.00000 |
| ## 173 | 7 | 153 | 68 | 120.0000 | 997 | 60.00000 |
| ## 174 | 6 | 240 | 72 | 150.0000 | 997 | 62.00000 |
| ## 175 | 97 | 143 | 67 | 120.0000 | 997 | 108.00000 |
| ## 176 | 3 | 135 | 65 | 190.0000 | 100 | 64.00000 |
| ## 177 | 2 | 155 | 64 | 140.0000 | 997 | 64.00000 |
| ## 178 | 3 | 233 | 67 | 130.0000 | 40 | 60.00000 |
| ## 179 | 1 | 90 | 62 | 170.0000 | 997 | 72.00000 |
| ## 180 | 2 | 110 | 64 | 120.0000 | 997 | 92.00000 |
| ## 181 | 97 | 115 | 62 | 90.0000 | 997 | 80.00000 |
| ## 182 | 4 | 170 | 62 | 96.0000 | 20 | 84.00000 |
| ## 183 | 1 | 175 | 60 | 100.0000 | 997 | 60.00000 |
| ## 184 | 0 | 174 | 66 | 132.0000 | 50 | 80.00000 |
| ## 185 | 4 | 180 | 64 | 140.0000 | 40 | 56.00000 |
| ## 186 | 4 | 175 | 69 | 118.0000 | 25 | 64.00000 |
| ## 187 | 0 | 140 | 62 | 130.0000 | 997 | 76.00000 |
| ## 188 | 3 | 180 | 67 | 130.0000 | 997 | 70.00000 |
| ## 189 | 7 | 178 | 73 | 118.0000 | 40 | 78.00000 |
| ## 190 | 3 | 172 | 66 | 140.0000 | 997 | 88.00000 |
| ## 191 | 3 | 160 | 70 | 120.0000 | 997 | 60.00000 |
| ## 192 | 0 | 135 | 48 | 110.0000 | 997 | 60.00000 |
| ## 193 | 3 | 160 | 63 | 140.0000 | 997 | 65.00000 |
| ## 194 | 2 | 103 | 60 | 140.0000 | 997 | 64.00000 |
| ## 195 | 0 | 150 | 70 | 100.0000 | 997 | 72.00000 |
| ## 196 | 1 | 200 | 62 | 140.0000 | 25 | 64.00000 |
| ## 197 | 0 | 185 | 60 | 110.0000 | 997 | 80.00000 |

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|--------|----|-----|-----|----------|-----|-----------|
| ## 198 | 1 | 159 | 68 | 110.0000 | 200 | 60.00000 |
| ## 199 | 1 | 115 | 62 | 180.0000 | 200 | 52.00000 |
| ## 200 | 4 | 182 | 69 | 188.0000 | 70 | 72.00000 |
| ## 201 | 7 | 164 | 70 | 130.0000 | 997 | 66.00000 |
| ## 202 | 2 | 170 | 61 | 110.0000 | 997 | 80.00000 |
| ## 203 | 9 | 170 | 62 | 160.0000 | 997 | 88.00000 |
| ## 204 | 8 | 182 | 67 | 144.0000 | 997 | 66.00000 |
| ## 205 | 3 | 170 | 71 | 170.0000 | 50 | 70.00000 |
| ## 206 | 4 | 162 | 62 | 160.0000 | 200 | 76.00000 |
| ## 207 | 7 | 181 | 68 | 140.0000 | 20 | 64.00000 |
| ## 208 | 97 | 95 | 998 | 130.0000 | 997 | 70.00000 |
| ## 209 | 0 | 161 | 63 | 120.0000 | 997 | 64.00000 |
| ## 210 | 7 | 135 | 60 | 140.0000 | 997 | 74.00000 |
| ## 211 | 97 | 218 | 72 | 110.0000 | 997 | 60.00000 |
| ## 212 | 1 | 199 | 72 | 150.0000 | 997 | 70.00000 |
| ## 213 | 3 | 132 | 66 | 135.0000 | 997 | 63.00000 |
| ## 214 | 5 | 176 | 68 | 130.0000 | 20 | 68.00000 |
| ## 215 | 97 | 126 | 64 | 130.0000 | 997 | 68.00000 |
| ## 216 | 8 | 165 | 64 | 170.0000 | 997 | 58.00000 |
| ## 217 | 0 | 142 | 67 | 150.0000 | 30 | 60.00000 |
| ## 218 | 2 | 192 | 72 | 160.0000 | 997 | 82.00000 |
| ## 219 | 1 | 170 | 67 | 112.0000 | 50 | 48.00000 |
| ## 220 | 3 | 160 | 62 | 998.0000 | 50 | 76.00000 |
| ## 221 | 7 | 120 | 66 | 170.0000 | 997 | 58.00000 |
| ## 222 | 4 | 189 | 67 | 170.0000 | 25 | 100.00000 |
| ## 223 | 97 | 146 | 61 | 100.0000 | 997 | 60.00000 |
| ## 224 | 97 | 190 | 65 | 160.0000 | 997 | 76.00000 |
| ## 225 | 97 | 997 | 997 | 997.0000 | 997 | 997.00000 |
| ## 226 | 1 | 125 | 64 | 150.0000 | 997 | 88.00000 |
| ## 227 | 7 | 302 | 73 | 130.0000 | 997 | 82.00000 |
| ## 228 | 97 | 126 | 68 | 120.0000 | 997 | 52.00000 |
| ## 229 | 4 | 198 | 68 | 150.0000 | 25 | 76.00000 |
| ## 230 | 1 | 140 | 64 | 110.0000 | 25 | 50.00000 |
| ## 231 | 0 | 154 | 63 | 150.0000 | 25 | 66.00000 |
| ## 232 | 0 | 133 | 60 | 110.0000 | 997 | 80.00000 |
| ## 233 | 0 | 118 | 63 | 150.0000 | 100 | 70.00000 |
| ## 234 | 7 | 150 | 67 | 136.0000 | 25 | 65.00000 |
| ## 235 | 7 | 180 | 70 | 142.0000 | 997 | 64.00000 |
| ## 236 | 0 | 122 | 65 | 110.0000 | 997 | 80.00000 |
| ## 237 | 2 | 190 | 69 | 150.0000 | 997 | 60.00000 |
| ## 238 | 97 | 997 | 997 | 997.0000 | 997 | 997.00000 |
| ## 239 | 4 | 110 | 61 | 150.0000 | 997 | 67.00000 |
| ## 240 | 5 | 221 | 72 | 110.0000 | 997 | 70.00000 |
| ## 241 | 6 | 205 | 68 | 120.0000 | 30 | 76.00000 |
| ## 242 | 1 | 154 | 63 | 140.0000 | 997 | 80.00000 |
| ## 243 | 2 | 140 | 62 | 150.0000 | 997 | 60.00000 |
| ## 244 | 97 | 170 | 60 | 120.0000 | 997 | 63.00000 |
| ## 245 | 97 | 142 | 62 | 100.0000 | 997 | 59.00000 |
| ## 246 | 97 | 105 | 61 | 120.0000 | 997 | 78.00000 |
| ## 247 | 1 | 170 | 68 | 130.0000 | 997 | 84.00000 |
| ## 248 | 5 | 165 | 68 | 130.0000 | 997 | 60.00000 |
| ## 249 | 2 | 160 | 66 | 152.0000 | 997 | 112.00000 |
| ## 250 | 2 | 122 | 62 | 108.0000 | 20 | 72.00000 |
| ## 251 | 97 | 125 | 60 | 166.9471 | 997 | 78.33919 |

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|--------|----|-----|-----|----------|-----|-----------|
| ## 252 | 1 | 160 | 60 | 110.0000 | 30 | 60.00000 |
| ## 253 | 97 | 150 | 61 | 140.0000 | 997 | 96.00000 |
| ## 254 | 97 | 109 | 62 | 90.0000 | 997 | 60.00000 |
| ## 255 | 4 | 160 | 62 | 160.0000 | 997 | 80.00000 |
| ## 256 | 3 | 103 | 60 | 176.0000 | 25 | 70.00000 |
| ## 257 | 2 | 179 | 64 | 110.0000 | 997 | 71.00000 |
| ## 258 | 0 | 158 | 66 | 160.0000 | 997 | 61.00000 |
| ## 259 | 97 | 91 | 39 | 90.0000 | 997 | 112.00000 |
| ## 260 | 4 | 208 | 70 | 130.0000 | 997 | 64.00000 |
| ## 261 | 97 | 115 | 62 | 130.0000 | 997 | 60.00000 |
| ## 262 | 3 | 110 | 67 | 110.0000 | 20 | 64.00000 |
| ## 263 | 97 | 150 | 70 | 130.0000 | 997 | 70.00000 |
| ## 264 | 97 | 94 | 63 | 140.0000 | 997 | 70.00000 |
| ## 265 | 0 | 110 | 62 | 130.0000 | 40 | 84.00000 |
| ## 266 | 2 | 998 | 60 | 150.0000 | 997 | 90.00000 |
| ## 267 | 0 | 146 | 62 | 130.0000 | 997 | 60.00000 |
| ## 268 | 97 | 130 | 60 | 150.0000 | 997 | 37.00000 |
| ## 269 | 6 | 175 | 67 | 140.0000 | 997 | 96.00000 |
| ## 270 | 5 | 146 | 62 | 160.0000 | 997 | 72.00000 |
| ## 271 | 0 | 124 | 66 | 150.0000 | 997 | 62.00000 |
| ## 272 | 97 | 96 | 60 | 140.0000 | 997 | 84.00000 |
| ## 273 | 97 | 112 | 60 | 98.0000 | 997 | 76.00000 |
| ## 274 | 0 | 180 | 67 | 110.0000 | 997 | 60.00000 |
| ## 275 | 1 | 150 | 63 | 170.0000 | 997 | 65.00000 |
| ## 276 | 1 | 130 | 62 | 150.0000 | 30 | 64.00000 |
| ## 277 | 3 | 170 | 66 | 120.0000 | 997 | 72.00000 |
| ## 278 | 7 | 171 | 71 | 150.0000 | 997 | 92.00000 |
| ## 279 | 0 | 137 | 62 | 90.0000 | 30 | 90.00000 |
| ## 280 | 97 | 100 | 65 | 100.0000 | 997 | 60.00000 |
| ## 281 | 97 | 154 | 65 | 130.0000 | 50 | 72.00000 |
| ## 282 | 0 | 180 | 70 | 140.0000 | 997 | 74.00000 |
| ## 283 | 97 | 130 | 62 | 130.0000 | 997 | 60.00000 |
| ## 284 | 7 | 121 | 66 | 100.0000 | 40 | 80.00000 |
| ## 285 | 97 | 310 | 73 | 110.0000 | 400 | 80.00000 |
| ## 286 | 3 | 165 | 62 | 130.0000 | 997 | 85.00000 |
| ## 287 | 1 | 160 | 65 | 106.0000 | 70 | 87.00000 |
| ## 288 | 5 | 200 | 66 | 160.0000 | 25 | 84.00000 |
| ## 289 | 5 | 128 | 64 | 160.0000 | 997 | 80.00000 |
| ## 290 | 8 | 183 | 67 | 156.0000 | 997 | 96.00000 |
| ## 291 | 1 | 136 | 60 | 130.0000 | 997 | 74.00000 |
| ## 292 | 4 | 146 | 62 | 120.0000 | 30 | 64.00000 |
| ## 293 | 6 | 165 | 67 | 120.0000 | 997 | 60.00000 |
| ## 294 | 1 | 130 | 66 | 120.0000 | 997 | 70.00000 |
| ## 295 | 2 | 124 | 48 | 100.0000 | 997 | 60.00000 |
| ## 296 | 1 | 99 | 998 | 170.0000 | 997 | 60.00000 |
| ## 297 | 4 | 80 | 62 | 110.0000 | 997 | 60.00000 |
| ## 298 | 6 | 105 | 62 | 170.0000 | 20 | 88.00000 |
| ## 299 | 1 | 158 | 998 | 130.0000 | 997 | 73.00000 |
| ## 300 | 0 | 106 | 58 | 120.0000 | 997 | 90.00000 |
| ## 301 | 0 | 130 | 65 | 120.0000 | 997 | 80.00000 |
| ## 302 | 5 | 136 | 66 | 140.0000 | 997 | 72.00000 |
| ## 303 | 97 | 164 | 66 | 120.0000 | 997 | 64.00000 |
| ## 304 | 97 | 127 | 63 | 120.0000 | 997 | 84.00000 |
| ## 305 | 4 | 168 | 60 | 120.0000 | 997 | 60.00000 |

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|--------|----|-----|-----|----------|-----|----------|
| ## 306 | 97 | 149 | 62 | 120.0000 | 997 | 61.00000 |
| ## 307 | 0 | 125 | 67 | 118.0000 | 20 | 96.00000 |
| ## 308 | 97 | 202 | 65 | 110.0000 | 997 | 96.00000 |
| ## 309 | 1 | 107 | 53 | 100.0000 | 997 | 60.00000 |
| ## 310 | 97 | 180 | 998 | 166.9471 | 997 | 76.00000 |
| ## 311 | 0 | 177 | 60 | 112.0000 | 997 | 72.00000 |
| ## 312 | 8 | 270 | 68 | 110.0000 | 997 | 70.00000 |
| ## 313 | 0 | 998 | 998 | 110.0000 | 997 | 62.00000 |
| ## 314 | 8 | 220 | 67 | 130.0000 | 997 | 66.00000 |
| ## 315 | 5 | 125 | 64 | 140.0000 | 997 | 84.00000 |
| ## 316 | 4 | 144 | 66 | 100.0000 | 997 | 70.00000 |
| ## 317 | 97 | 174 | 62 | 130.0000 | 997 | 80.00000 |
| ## 318 | 0 | 150 | 66 | 120.0000 | 997 | 78.00000 |
| ## 319 | 97 | 124 | 998 | 140.0000 | 997 | 86.00000 |
| ## 320 | 5 | 165 | 65 | 160.0000 | 20 | 74.00000 |
| ## 321 | 2 | 156 | 63 | 118.0000 | 40 | 72.00000 |
| ## 322 | 5 | 217 | 74 | 150.0000 | 997 | 60.00000 |
| ## 323 | 5 | 201 | 64 | 140.0000 | 997 | 60.00000 |
| ## 324 | 1 | 125 | 68 | 150.0000 | 997 | 60.00000 |
| ## 325 | 97 | 125 | 66 | 140.0000 | 50 | 84.00000 |
| ## 326 | 4 | 185 | 67 | 140.0000 | 997 | 96.00000 |
| ## 327 | 97 | 120 | 62 | 140.0000 | 997 | 96.00000 |
| ## 328 | 0 | 118 | 62 | 170.0000 | 997 | 70.00000 |
| ## 329 | 4 | 145 | 72 | 120.0000 | 997 | 72.00000 |
| ## 330 | 2 | 170 | 63 | 120.0000 | 997 | 60.00000 |
| ## 331 | 0 | 169 | 69 | 140.0000 | 997 | 65.00000 |
| ## 332 | 3 | 95 | 63 | 140.0000 | 997 | 88.00000 |
| ## 333 | 5 | 165 | 66 | 130.0000 | 20 | 74.00000 |
| ## 334 | 1 | 140 | 63 | 100.0000 | 30 | 60.00000 |
| ## 335 | 97 | 101 | 998 | 160.0000 | 997 | 82.00000 |
| ## 336 | 2 | 220 | 75 | 122.0000 | 997 | 60.00000 |
| ## 337 | 0 | 100 | 60 | 130.0000 | 997 | 65.00000 |
| ## 338 | 97 | 98 | 65 | 150.0000 | 70 | 53.00000 |
| ## 339 | 0 | 160 | 66 | 110.0000 | 40 | 70.00000 |
| ## 340 | 1 | 140 | 61 | 180.0000 | 997 | 80.00000 |
| ## 341 | 97 | 171 | 69 | 130.0000 | 997 | 80.00000 |
| ## 342 | 2 | 160 | 57 | 140.0000 | 40 | 60.00000 |
| ## 343 | 97 | 146 | 67 | 160.0000 | 997 | 64.00000 |
| ## 344 | 97 | 170 | 66 | 140.0000 | 997 | 50.00000 |
| ## 345 | 4 | 123 | 64 | 140.0000 | 997 | 60.00000 |
| ## 346 | 97 | 135 | 65 | 140.0000 | 70 | 76.00000 |
| ## 347 | 7 | 158 | 65 | 120.0000 | 997 | 90.00000 |
| ## 348 | 2 | 192 | 63 | 150.0000 | 70 | 80.00000 |
| ## 349 | 97 | 104 | 64 | 130.0000 | 997 | 64.00000 |
| ## 350 | 97 | 166 | 61 | 100.0000 | 40 | 58.00000 |
| ## 351 | 4 | 212 | 73 | 126.0000 | 20 | 60.00000 |
| ## 352 | 97 | 135 | 67 | 140.0000 | 997 | 70.00000 |
| ## 353 | 2 | 156 | 60 | 150.0000 | 997 | 60.00000 |
| ## 354 | 97 | 998 | 66 | 150.0000 | 70 | 76.00000 |
| ## 355 | 1 | 124 | 62 | 160.0000 | 997 | 88.00000 |
| ## 356 | 6 | 194 | 68 | 155.0000 | 997 | 72.00000 |
| ## 357 | 3 | 105 | 63 | 150.0000 | 997 | 80.00000 |
| ## 358 | 0 | 179 | 62 | 176.0000 | 30 | 70.00000 |
| ## 359 | 1 | 164 | 64 | 160.0000 | 200 | 64.00000 |

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|--------|----|-----|-----|----------|-----|-----------|
| ## 360 | 97 | 136 | 65 | 130.0000 | 997 | 80.00000 |
| ## 361 | 97 | 112 | 60 | 130.0000 | 997 | 88.00000 |
| ## 362 | 97 | 96 | 59 | 120.0000 | 200 | 96.00000 |
| ## 363 | 97 | 118 | 59 | 140.0000 | 50 | 76.00000 |
| ## 364 | 0 | 140 | 60 | 130.0000 | 997 | 96.00000 |
| ## 365 | 5 | 140 | 64 | 80.0000 | 997 | 60.00000 |
| ## 366 | 1 | 157 | 62 | 110.0000 | 997 | 72.00000 |
| ## 367 | 97 | 103 | 64 | 122.0000 | 200 | 72.00000 |
| ## 368 | 1 | 142 | 72 | 140.0000 | 997 | 60.00000 |
| ## 369 | 7 | 140 | 62 | 180.0000 | 997 | 77.00000 |
| ## 370 | 3 | 138 | 67 | 120.0000 | 997 | 72.00000 |
| ## 371 | 97 | 120 | 68 | 160.0000 | 997 | 60.00000 |
| ## 372 | 97 | 140 | 60 | 140.0000 | 100 | 60.00000 |
| ## 373 | 4 | 129 | 61 | 180.0000 | 30 | 70.00000 |
| ## 374 | 2 | 163 | 70 | 112.0000 | 997 | 60.00000 |
| ## 375 | 3 | 168 | 60 | 110.0000 | 30 | 60.00000 |
| ## 376 | 4 | 186 | 71 | 158.0000 | 20 | 86.00000 |
| ## 377 | 1 | 119 | 998 | 90.0000 | 997 | 62.00000 |
| ## 378 | 97 | 134 | 61 | 110.0000 | 200 | 60.00000 |
| ## 379 | 2 | 182 | 67 | 120.0000 | 20 | 64.00000 |
| ## 380 | 2 | 140 | 62 | 120.0000 | 997 | 60.00000 |
| ## 381 | 0 | 73 | 63 | 100.0000 | 997 | 60.00000 |
| ## 382 | 97 | 998 | 62 | 150.0000 | 997 | 66.00000 |
| ## 383 | 3 | 210 | 66 | 130.0000 | 40 | 72.00000 |
| ## 384 | 97 | 146 | 998 | 180.0000 | 997 | 82.00000 |
| ## 385 | 1 | 130 | 60 | 120.0000 | 997 | 72.00000 |
| ## 386 | 97 | 152 | 63 | 120.0000 | 997 | 58.00000 |
| ## 387 | 97 | 165 | 63 | 998.0000 | 50 | 80.00000 |
| ## 388 | 97 | 115 | 48 | 160.0000 | 997 | 108.00000 |
| ## 389 | 97 | 142 | 66 | 160.0000 | 997 | 70.00000 |
| ## 390 | 97 | 145 | 67 | 100.0000 | 997 | 48.00000 |
| ## 391 | 2 | 180 | 63 | 110.0000 | 997 | 70.00000 |
| ## 392 | 2 | 146 | 63 | 120.0000 | 50 | 92.00000 |
| ## 393 | 6 | 180 | 59 | 144.0000 | 997 | 64.00000 |
| ## 394 | 3 | 215 | 70 | 160.0000 | 25 | 72.00000 |
| ## 395 | 5 | 200 | 70 | 160.0000 | 25 | 66.00000 |
| ## 396 | 3 | 176 | 70 | 180.0000 | 997 | 60.00000 |
| ## 397 | 4 | 190 | 72 | 150.0000 | 997 | 55.00000 |
| ## 398 | 97 | 185 | 62 | 130.0000 | 997 | 48.00000 |
| ## 399 | 2 | 121 | 61 | 160.0000 | 40 | 65.00000 |
| ## 400 | 7 | 270 | 75 | 128.0000 | 20 | 64.00000 |
| ## 401 | 0 | 998 | 998 | 100.0000 | 997 | 72.00000 |
| ## 402 | 5 | 190 | 72 | 120.0000 | 997 | 56.00000 |
| ## 403 | 97 | 160 | 66 | 140.0000 | 997 | 62.00000 |
| ## 404 | 8 | 175 | 70 | 120.0000 | 25 | 82.00000 |
| ## 405 | 0 | 132 | 65 | 170.0000 | 30 | 72.00000 |
| ## 406 | 1 | 250 | 63 | 150.0000 | 997 | 68.00000 |
| ## 407 | 4 | 160 | 60 | 122.0000 | 997 | 998.00000 |
| ## 408 | 4 | 115 | 64 | 140.0000 | 997 | 76.00000 |
| ## 409 | 7 | 170 | 70 | 120.0000 | 30 | 72.00000 |
| ## 410 | 6 | 250 | 71 | 140.0000 | 30 | 80.00000 |
| ## 411 | 4 | 198 | 62 | 176.0000 | 30 | 68.00000 |
| ## 412 | 0 | 198 | 72 | 150.0000 | 997 | 58.00000 |
| ## 413 | 5 | 167 | 64 | 170.0000 | 997 | 65.00000 |

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|--------|----|-----|-----|----------|-----|----------|
| ## 414 | 97 | 238 | 73 | 120.0000 | 997 | 68.00000 |
| ## 415 | 97 | 270 | 72 | 110.0000 | 997 | 76.00000 |
| ## 416 | 6 | 178 | 69 | 170.0000 | 997 | 60.00000 |
| ## 417 | 2 | 133 | 63 | 110.0000 | 30 | 60.00000 |
| ## 418 | 97 | 176 | 71 | 120.0000 | 997 | 74.00000 |
| ## 419 | 6 | 155 | 64 | 150.0000 | 997 | 83.00000 |
| ## 420 | 7 | 190 | 75 | 100.0000 | 997 | 50.00000 |
| ## 421 | 8 | 175 | 69 | 130.0000 | 997 | 76.00000 |
| ## 422 | 3 | 119 | 61 | 120.0000 | 30 | 70.00000 |
| ## 423 | 3 | 190 | 70 | 156.0000 | 200 | 70.00000 |
| ## 424 | 4 | 130 | 62 | 140.0000 | 997 | 82.00000 |
| ## 425 | 1 | 120 | 66 | 180.0000 | 997 | 62.00000 |
| ## 426 | 4 | 164 | 71 | 100.0000 | 997 | 88.00000 |
| ## 427 | 4 | 268 | 71 | 146.0000 | 997 | 68.00000 |
| ## 428 | 2 | 175 | 68 | 150.0000 | 50 | 88.00000 |
| ## 429 | 5 | 180 | 66 | 130.0000 | 30 | 72.00000 |
| ## 430 | 2 | 134 | 63 | 120.0000 | 997 | 60.00000 |
| ## 431 | 4 | 126 | 63 | 170.0000 | 997 | 96.00000 |
| ## 432 | 3 | 178 | 69 | 170.0000 | 997 | 96.00000 |
| ## 433 | 97 | 137 | 60 | 140.0000 | 200 | 96.00000 |
| ## 434 | 5 | 225 | 66 | 130.0000 | 100 | 80.00000 |
| ## 435 | 97 | 106 | 58 | 100.0000 | 997 | 60.00000 |
| ## 436 | 3 | 152 | 62 | 110.0000 | 100 | 60.00000 |
| ## 437 | 97 | 128 | 68 | 110.0000 | 800 | 60.00000 |
| ## 438 | 2 | 210 | 71 | 160.0000 | 20 | 72.00000 |
| ## 439 | 2 | 150 | 60 | 130.0000 | 997 | 84.00000 |
| ## 440 | 1 | 184 | 65 | 140.0000 | 70 | 60.00000 |
| ## 441 | 3 | 170 | 67 | 140.0000 | 20 | 76.00000 |
| ## 442 | 3 | 180 | 68 | 140.0000 | 30 | 68.00000 |
| ## 443 | 97 | 150 | 65 | 130.0000 | 997 | 76.00000 |
| ## 444 | 0 | 190 | 64 | 150.0000 | 30 | 72.00000 |
| ## 445 | 1 | 180 | 62 | 150.0000 | 40 | 60.00000 |
| ## 446 | 1 | 113 | 57 | 170.0000 | 25 | 60.00000 |
| ## 447 | 97 | 150 | 64 | 140.0000 | 400 | 80.00000 |
| ## 448 | 97 | 240 | 68 | 170.0000 | 50 | 60.00000 |
| ## 449 | 4 | 120 | 59 | 150.0000 | 40 | 92.00000 |
| ## 450 | 97 | 998 | 998 | 166.9471 | 997 | 78.33919 |
| ## 451 | 2 | 99 | 66 | 136.0000 | 25 | 64.00000 |
| ## 452 | 97 | 147 | 69 | 140.0000 | 997 | 80.00000 |
| ## 453 | 1 | 160 | 70 | 110.0000 | 25 | 60.00000 |
| ## 454 | 97 | 183 | 65 | 130.0000 | 400 | 77.00000 |
| ## 455 | 0 | 130 | 65 | 180.0000 | 30 | 78.00000 |
| ## 456 | 0 | 100 | 63 | 110.0000 | 200 | 60.00000 |
| ## 457 | 97 | 152 | 65 | 130.0000 | 70 | 68.00000 |
| ## 458 | 0 | 132 | 63 | 160.0000 | 40 | 80.00000 |
| ## 459 | 3 | 212 | 71 | 110.0000 | 50 | 64.00000 |
| ## 460 | 3 | 152 | 63 | 110.0000 | 25 | 68.00000 |
| ## 461 | 4 | 153 | 62 | 150.0000 | 50 | 90.00000 |
| ## 462 | 8 | 200 | 70 | 122.0000 | 25 | 72.00000 |
| ## 463 | 5 | 135 | 64 | 152.0000 | 20 | 84.00000 |
| ## 464 | 7 | 170 | 68 | 998.0000 | 50 | 72.00000 |
| ## 465 | 1 | 164 | 998 | 150.0000 | 40 | 76.00000 |
| ## 466 | 2 | 142 | 66 | 150.0000 | 25 | 68.00000 |
| ## 467 | 4 | 178 | 71 | 150.0000 | 25 | 64.00000 |

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|--------|----|-----|-----|----------|-----|----------|
| ## 468 | 1 | 140 | 66 | 150.0000 | 25 | 84.00000 |
| ## 469 | 97 | 998 | 998 | 166.9471 | 997 | 72.00000 |
| ## 470 | 5 | 215 | 73 | 146.0000 | 25 | 96.00000 |
| ## 471 | 2 | 165 | 67 | 160.0000 | 50 | 88.00000 |
| ## 472 | 97 | 124 | 64 | 142.0000 | 997 | 99.00000 |
| ## 473 | 2 | 210 | 67 | 120.0000 | 30 | 72.00000 |
| ## 474 | 2 | 158 | 69 | 156.0000 | 25 | 44.00000 |
| ## 475 | 4 | 105 | 59 | 166.9471 | 20 | 64.00000 |
| ## 476 | 3 | 170 | 65 | 150.0000 | 25 | 88.00000 |
| ## 477 | 2 | 135 | 60 | 136.0000 | 70 | 94.00000 |
| ## 478 | 3 | 200 | 64 | 120.0000 | 50 | 60.00000 |
| ## 479 | 1 | 210 | 67 | 118.0000 | 25 | 60.00000 |
| ## 480 | 2 | 152 | 73 | 140.0000 | 25 | 88.00000 |
| ## 481 | 1 | 998 | 66 | 150.0000 | 40 | 72.00000 |
| ## 482 | 97 | 170 | 72 | 130.0000 | 200 | 92.00000 |
| ## 483 | 5 | 130 | 59 | 110.0000 | 30 | 68.00000 |
| ## 484 | 1 | 191 | 68 | 150.0000 | 40 | 72.00000 |
| ## 485 | 0 | 210 | 68 | 126.0000 | 200 | 80.00000 |
| ## 486 | 2 | 165 | 67 | 240.0000 | 50 | 84.00000 |
| ## 487 | 0 | 149 | 60 | 110.0000 | 40 | 72.00000 |
| ## 488 | 3 | 165 | 64 | 120.0000 | 200 | 60.00000 |
| ## 489 | 0 | 144 | 63 | 120.0000 | 50 | 64.00000 |
| ## 490 | 5 | 110 | 59 | 140.0000 | 20 | 68.00000 |
| ## 491 | 97 | 126 | 62 | 250.0000 | 50 | 70.00000 |
| ## 492 | 2 | 190 | 60 | 150.0000 | 25 | 76.00000 |
| ## 493 | 1 | 180 | 64 | 140.0000 | 30 | 84.00000 |
| ## 494 | 0 | 152 | 59 | 140.0000 | 70 | 74.00000 |
| ## 495 | 7 | 167 | 66 | 150.0000 | 20 | 72.00000 |
| ## 496 | 0 | 120 | 57 | 130.0000 | 70 | 74.00000 |
| ## 497 | 4 | 145 | 68 | 152.0000 | 25 | 56.00000 |
| ## 498 | 8 | 200 | 69 | 152.0000 | 25 | 64.00000 |
| ## 499 | 5 | 140 | 63 | 118.0000 | 70 | 60.00000 |
| ## 500 | 3 | 150 | 66 | 102.0000 | 30 | 72.00000 |
| ## 501 | 4 | 149 | 60 | 136.0000 | 25 | 86.00000 |
| ## 502 | 2 | 143 | 66 | 100.0000 | 30 | 72.00000 |
| ## 503 | 97 | 125 | 65 | 140.0000 | 100 | 60.00000 |
| ## 504 | 5 | 212 | 73 | 110.0000 | 20 | 80.00000 |
| ## 505 | 1 | 150 | 62 | 150.0000 | 40 | 80.00000 |
| ## 506 | 0 | 160 | 60 | 160.0000 | 20 | 92.00000 |
| ## 507 | 97 | 135 | 64 | 140.0000 | 70 | 68.00000 |
| ## 508 | 2 | 106 | 60 | 120.0000 | 40 | 68.00000 |
| ## 509 | 2 | 145 | 65 | 120.0000 | 30 | 80.00000 |
| ## 510 | 3 | 240 | 66 | 150.0000 | 30 | 72.00000 |
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| ## 512 | 7 | 165 | 70 | 150.0000 | 30 | 60.00000 |
| ## 513 | 3 | 109 | 62 | 120.0000 | 50 | 80.00000 |
| ## 514 | 97 | 105 | 63 | 150.0000 | 200 | 68.00000 |
| ## 515 | 1 | 190 | 65 | 110.0000 | 100 | 68.00000 |
| ## 516 | 97 | 170 | 61 | 110.0000 | 200 | 80.00000 |
| ## 517 | 6 | 154 | 65 | 178.0000 | 20 | 62.00000 |
| ## 518 | 1 | 169 | 62 | 162.0000 | 20 | 78.00000 |
| ## 519 | 97 | 129 | 68 | 100.0000 | 997 | 60.00000 |
| ## 520 | 2 | 221 | 68 | 138.0000 | 30 | 57.00000 |
| ## 521 | 4 | 197 | 72 | 130.0000 | 20 | 76.00000 |

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|--------|----|-----|----|----------|-----|----------|
| ## 522 | 7 | 146 | 61 | 130.0000 | 30 | 80.00000 |
| ## 523 | 5 | 230 | 72 | 120.0000 | 20 | 76.00000 |
| ## 524 | 6 | 206 | 70 | 130.0000 | 20 | 64.00000 |
| ## 525 | 97 | 150 | 66 | 998.0000 | 400 | 76.00000 |
| ## 526 | 3 | 170 | 71 | 190.0000 | 25 | 64.00000 |
| ## 527 | 97 | 125 | 62 | 130.0000 | 50 | 72.00000 |
| ## 528 | 5 | 236 | 76 | 110.0000 | 25 | 70.00000 |
| ## 529 | 5 | 210 | 67 | 150.0000 | 40 | 60.00000 |
| ## 530 | 7 | 220 | 73 | 120.0000 | 25 | 50.00000 |
| ## 531 | 5 | 127 | 59 | 150.0000 | 25 | 88.00000 |
| ## 532 | 4 | 195 | 65 | 128.0000 | 25 | 65.00000 |
| ## 533 | 5 | 225 | 71 | 140.0000 | 25 | 72.00000 |
| ## 534 | 7 | 195 | 72 | 150.0000 | 25 | 74.00000 |
| ## 535 | 5 | 107 | 61 | 150.0000 | 25 | 56.00000 |
| ## 536 | 3 | 160 | 63 | 140.0000 | 30 | 68.00000 |
| ## 537 | 1 | 122 | 65 | 114.0000 | 30 | 69.00000 |
| ## 538 | 0 | 174 | 62 | 160.0000 | 40 | 84.00000 |
| ## 539 | 3 | 180 | 73 | 156.0000 | 40 | 60.00000 |
| ## 540 | 7 | 185 | 63 | 105.0000 | 20 | 76.00000 |
| ## 541 | 3 | 195 | 65 | 160.0000 | 25 | 80.00000 |
| ## 542 | 2 | 140 | 69 | 112.0000 | 50 | 84.00000 |
| ## 543 | 2 | 79 | 60 | 130.0000 | 40 | 70.00000 |
| ## 544 | 1 | 160 | 68 | 160.0000 | 50 | 64.00000 |
| ## 545 | 0 | 177 | 66 | 110.0000 | 40 | 60.00000 |
| ## 546 | 97 | 165 | 60 | 140.0000 | 400 | 60.00000 |
| ## 547 | 5 | 173 | 66 | 120.0000 | 20 | 92.00000 |
| ## 548 | 97 | 198 | 70 | 120.0000 | 400 | 66.00000 |
| ## 549 | 5 | 165 | 72 | 150.0000 | 20 | 76.00000 |
| ## 550 | 1 | 230 | 75 | 110.0000 | 25 | 64.00000 |
| ## 551 | 1 | 170 | 61 | 170.0000 | 800 | 72.00000 |
| ## 552 | 0 | 130 | 66 | 150.0000 | 20 | 76.00000 |
| ## 553 | 1 | 140 | 59 | 165.0000 | 40 | 74.00000 |
| ## 554 | 6 | 206 | 69 | 170.0000 | 30 | 62.00000 |
| ## 555 | 2 | 209 | 66 | 998.0000 | 40 | 88.00000 |
| ## 556 | 3 | 135 | 67 | 130.0000 | 30 | 76.00000 |
| ## 557 | 6 | 190 | 72 | 160.0000 | 25 | 68.00000 |
| ## 558 | 97 | 120 | 69 | 140.0000 | 40 | 72.00000 |
| ## 559 | 1 | 162 | 64 | 150.0000 | 70 | 76.00000 |
| ## 560 | 2 | 135 | 66 | 150.0000 | 200 | 68.00000 |
| ## 561 | 3 | 210 | 62 | 998.0000 | 40 | 68.00000 |
| ## 562 | 4 | 125 | 59 | 100.0000 | 25 | 60.00000 |
| ## 563 | 8 | 255 | 71 | 155.0000 | 25 | 60.00000 |
| ## 564 | 1 | 120 | 61 | 106.0000 | 25 | 80.00000 |
| ## 565 | 7 | 127 | 69 | 128.0000 | 25 | 72.00000 |
| ## 566 | 9 | 185 | 72 | 130.0000 | 25 | 70.00000 |
| ## 567 | 3 | 232 | 64 | 140.0000 | 25 | 76.00000 |
| ## 568 | 8 | 180 | 64 | 122.0000 | 25 | 56.00000 |
| ## 569 | 7 | 122 | 62 | 188.0000 | 20 | 68.00000 |
| ## 570 | 97 | 127 | 64 | 160.0000 | 20 | 78.00000 |
| ## 571 | 1 | 139 | 66 | 142.0000 | 30 | 68.00000 |
| ## 572 | 3 | 115 | 59 | 130.0000 | 30 | 76.00000 |
| ## 573 | 2 | 130 | 60 | 130.0000 | 30 | 64.00000 |
| ## 574 | 6 | 190 | 68 | 150.0000 | 20 | 57.00000 |
| ## 575 | 3 | 165 | 61 | 160.0000 | 20 | 72.00000 |

| | | | | | | |
|--------|----|-----|-----|----------|-----|----------|
| ## 576 | 2 | 187 | 63 | 150.0000 | 20 | 74.00000 |
| ## 577 | 1 | 202 | 67 | 150.0000 | 50 | 76.00000 |
| ## 578 | 97 | 88 | 59 | 998.0000 | 40 | 56.00000 |
| ## 579 | 7 | 250 | 72 | 120.0000 | 25 | 80.00000 |
| ## 580 | 5 | 174 | 62 | 122.0000 | 30 | 88.00000 |
| ## 581 | 5 | 142 | 68 | 144.0000 | 25 | 88.00000 |
| ## 582 | 0 | 158 | 66 | 136.0000 | 30 | 80.00000 |
| ## 583 | 3 | 199 | 64 | 90.0000 | 20 | 60.00000 |
| ## 584 | 2 | 180 | 72 | 160.0000 | 50 | 86.00000 |
| ## 585 | 1 | 152 | 67 | 140.0000 | 40 | 68.00000 |
| ## 586 | 97 | 190 | 64 | 130.0000 | 997 | 67.00000 |
| ## 587 | 5 | 130 | 62 | 140.0000 | 25 | 68.00000 |
| ## 588 | 7 | 160 | 67 | 120.0000 | 40 | 56.00000 |
| ## 589 | 97 | 168 | 69 | 160.0000 | 70 | 64.00000 |
| ## 590 | 3 | 138 | 64 | 140.0000 | 40 | 80.00000 |
| ## 591 | 1 | 185 | 65 | 200.0000 | 30 | 72.00000 |
| ## 592 | 97 | 998 | 998 | 998.0000 | 50 | 80.00000 |
| ## 593 | 3 | 179 | 65 | 120.0000 | 20 | 68.00000 |
| ## 594 | 5 | 161 | 66 | 120.0000 | 20 | 64.00000 |
| ## 595 | 5 | 164 | 65 | 180.0000 | 20 | 80.00000 |
| ## 596 | 3 | 125 | 63 | 160.0000 | 25 | 80.00000 |
| ## 597 | 97 | 171 | 60 | 160.0000 | 70 | 68.00000 |
| ## 598 | 4 | 123 | 63 | 112.0000 | 25 | 54.00000 |
| ## 599 | 7 | 185 | 71 | 140.0000 | 20 | 72.00000 |
| ## 600 | 97 | 160 | 69 | 100.0000 | 997 | 84.00000 |
| ## 601 | 0 | 210 | 70 | 170.0000 | 30 | 80.00000 |
| ## 602 | 3 | 132 | 61 | 146.0000 | 30 | 70.00000 |
| ## 603 | 4 | 210 | 73 | 142.0000 | 30 | 76.00000 |
| ## 604 | 1 | 145 | 62 | 140.0000 | 25 | 62.00000 |
| ## 605 | 8 | 220 | 66 | 115.0000 | 20 | 60.00000 |
| ## 606 | 4 | 137 | 65 | 120.0000 | 30 | 80.00000 |
| ## 607 | 3 | 220 | 69 | 143.0000 | 20 | 64.00000 |
| ## 608 | 4 | 202 | 69 | 140.0000 | 30 | 84.00000 |
| ## 609 | 4 | 165 | 65 | 140.0000 | 30 | 56.00000 |
| ## 610 | 6 | 280 | 71 | 150.0000 | 20 | 57.00000 |
| ## 611 | 5 | 170 | 70 | 120.0000 | 400 | 80.00000 |
| ## 612 | 3 | 95 | 52 | 140.0000 | 25 | 96.00000 |
| ## 613 | 3 | 109 | 64 | 128.0000 | 30 | 92.00000 |
| ## 614 | 3 | 230 | 76 | 142.0000 | 20 | 60.00000 |
| ## 615 | 2 | 140 | 67 | 140.0000 | 30 | 68.00000 |
| ## 616 | 7 | 159 | 67 | 170.0000 | 30 | 64.00000 |
| ## 617 | 6 | 220 | 68 | 140.0000 | 40 | 72.00000 |
| ## 618 | 97 | 135 | 64 | 160.0000 | 100 | 60.00000 |
| ## 619 | 2 | 141 | 68 | 140.0000 | 40 | 70.00000 |
| ## 620 | 2 | 140 | 63 | 100.0000 | 70 | 60.00000 |
| ## 621 | 4 | 145 | 63 | 998.0000 | 50 | 72.00000 |
| ## 622 | 7 | 177 | 67 | 120.0000 | 25 | 68.00000 |
| ## 623 | 2 | 235 | 70 | 126.0000 | 25 | 60.00000 |
| ## 624 | 3 | 130 | 63 | 120.0000 | 40 | 74.00000 |
| ## 625 | 6 | 180 | 69 | 150.0000 | 25 | 64.00000 |
| ## 626 | 3 | 186 | 73 | 160.0000 | 25 | 64.00000 |
| ## 627 | 1 | 140 | 68 | 110.0000 | 30 | 96.00000 |
| ## 628 | 2 | 142 | 68 | 120.0000 | 30 | 76.00000 |
| ## 629 | 6 | 193 | 63 | 140.0000 | 25 | 64.00000 |

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|--------|----|-----|-----|----------|-----|-----------|
| ## 630 | 2 | 120 | 64 | 160.0000 | 25 | 76.00000 |
| ## 631 | 97 | 242 | 64 | 140.0000 | 50 | 62.00000 |
| ## 632 | 2 | 156 | 61 | 146.0000 | 50 | 80.00000 |
| ## 633 | 2 | 146 | 56 | 140.0000 | 25 | 72.00000 |
| ## 634 | 5 | 106 | 61 | 120.0000 | 30 | 60.00000 |
| ## 635 | 5 | 147 | 67 | 120.0000 | 25 | 68.00000 |
| ## 636 | 1 | 112 | 63 | 160.0000 | 30 | 70.00000 |
| ## 637 | 3 | 130 | 61 | 140.0000 | 30 | 74.00000 |
| ## 638 | 3 | 240 | 73 | 92.0000 | 25 | 64.00000 |
| ## 639 | 1 | 204 | 62 | 130.0000 | 30 | 72.00000 |
| ## 640 | 97 | 130 | 60 | 130.0000 | 40 | 60.00000 |
| ## 641 | 6 | 163 | 66 | 120.0000 | 40 | 64.00000 |
| ## 642 | 2 | 160 | 64 | 160.0000 | 70 | 80.00000 |
| ## 643 | 1 | 191 | 69 | 100.0000 | 25 | 68.00000 |
| ## 644 | 97 | 998 | 998 | 998.0000 | 40 | 84.00000 |
| ## 645 | 5 | 200 | 72 | 156.0000 | 40 | 76.00000 |
| ## 646 | 97 | 157 | 64 | 130.0000 | 800 | 63.00000 |
| ## 647 | 0 | 180 | 65 | 124.0000 | 30 | 68.00000 |
| ## 648 | 97 | 121 | 73 | 120.0000 | 997 | 76.00000 |
| ## 649 | 3 | 240 | 72 | 140.0000 | 20 | 76.00000 |
| ## 650 | 3 | 266 | 75 | 130.0000 | 30 | 64.00000 |
| ## 651 | 4 | 175 | 66 | 220.0000 | 30 | 88.00000 |
| ## 652 | 7 | 185 | 69 | 150.0000 | 20 | 80.00000 |
| ## 653 | 8 | 240 | 76 | 180.0000 | 30 | 68.00000 |
| ## 654 | 6 | 130 | 62 | 130.0000 | 30 | 60.00000 |
| ## 655 | 1 | 134 | 65 | 80.0000 | 25 | 76.00000 |
| ## 656 | 3 | 140 | 70 | 998.0000 | 25 | 88.00000 |
| ## 657 | 2 | 168 | 70 | 116.0000 | 25 | 66.00000 |
| ## 658 | 0 | 142 | 53 | 150.0000 | 70 | 72.00000 |
| ## 659 | 5 | 106 | 62 | 136.0000 | 30 | 74.00000 |
| ## 660 | 2 | 132 | 62 | 160.0000 | 20 | 76.00000 |
| ## 661 | 7 | 196 | 60 | 150.0000 | 50 | 74.00000 |
| ## 662 | 3 | 156 | 66 | 150.0000 | 30 | 72.00000 |
| ## 663 | 4 | 151 | 70 | 130.0000 | 25 | 74.00000 |
| ## 664 | 4 | 145 | 56 | 110.0000 | 35 | 72.00000 |
| ## 665 | 5 | 130 | 66 | 140.0000 | 25 | 60.00000 |
| ## 666 | 4 | 190 | 73 | 160.0000 | 20 | 80.00000 |
| ## 667 | 6 | 250 | 74 | 156.0000 | 25 | 68.00000 |
| ## 668 | 2 | 144 | 71 | 140.0000 | 25 | 74.00000 |
| ## 669 | 0 | 98 | 58 | 140.0000 | 30 | 80.00000 |
| ## 670 | 4 | 128 | 59 | 152.0000 | 20 | 64.00000 |
| ## 671 | 97 | 998 | 998 | 140.0000 | 997 | 83.00000 |
| ## 672 | 4 | 150 | 64 | 160.0000 | 40 | 80.00000 |
| ## 673 | 8 | 142 | 61 | 144.0000 | 20 | 80.00000 |
| ## 674 | 1 | 170 | 69 | 140.0000 | 70 | 76.00000 |
| ## 675 | 3 | 220 | 71 | 148.0000 | 40 | 64.00000 |
| ## 676 | 6 | 142 | 64 | 160.0000 | 25 | 80.00000 |
| ## 677 | 5 | 225 | 69 | 120.0000 | 30 | 60.00000 |
| ## 678 | 2 | 246 | 67 | 120.0000 | 40 | 80.00000 |
| ## 679 | 3 | 200 | 71 | 130.0000 | 40 | 60.00000 |
| ## 680 | 2 | 179 | 64 | 150.0000 | 25 | 82.00000 |
| ## 681 | 4 | 170 | 62 | 160.0000 | 30 | 64.00000 |
| ## 682 | 0 | 152 | 65 | 210.0000 | 25 | 60.00000 |
| ## 683 | 4 | 147 | 66 | 170.0000 | 50 | 120.00000 |

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|--------|----|-----|-----|----------|-----|-----------|
| ## 684 | 5 | 175 | 72 | 170.0000 | 25 | 60.00000 |
| ## 685 | 3 | 130 | 68 | 120.0000 | 40 | 72.00000 |
| ## 686 | 5 | 223 | 73 | 140.0000 | 25 | 80.00000 |
| ## 687 | 2 | 205 | 70 | 120.0000 | 20 | 60.00000 |
| ## 688 | 5 | 175 | 64 | 160.0000 | 20 | 68.00000 |
| ## 689 | 97 | 998 | 998 | 998.0000 | 997 | 96.00000 |
| ## 690 | 5 | 187 | 67 | 112.0000 | 20 | 88.00000 |
| ## 691 | 2 | 150 | 69 | 160.0000 | 30 | 72.00000 |
| ## 692 | 3 | 145 | 64 | 180.0000 | 40 | 72.00000 |
| ## 693 | 2 | 90 | 63 | 110.0000 | 25 | 60.00000 |
| ## 694 | 97 | 140 | 62 | 152.0000 | 30 | 72.00000 |
| ## 695 | 97 | 195 | 70 | 130.0000 | 25 | 78.00000 |
| ## 696 | 6 | 150 | 64 | 130.0000 | 50 | 68.00000 |
| ## 697 | 5 | 168 | 67 | 138.0000 | 25 | 68.00000 |
| ## 698 | 97 | 114 | 998 | 130.0000 | 100 | 94.00000 |
| ## 699 | 0 | 140 | 62 | 170.0000 | 30 | 60.00000 |
| ## 700 | 97 | 180 | 66 | 110.0000 | 40 | 98.00000 |
| ## 701 | 3 | 145 | 66 | 140.0000 | 30 | 56.00000 |
| ## 702 | 5 | 145 | 72 | 998.0000 | 30 | 76.00000 |
| ## 703 | 97 | 140 | 70 | 120.0000 | 997 | 80.00000 |
| ## 704 | 1 | 140 | 66 | 140.0000 | 40 | 68.00000 |
| ## 705 | 6 | 160 | 64 | 140.0000 | 40 | 60.00000 |
| ## 706 | 1 | 130 | 70 | 100.0000 | 30 | 52.00000 |
| ## 707 | 7 | 156 | 63 | 126.0000 | 20 | 76.00000 |
| ## 708 | 97 | 118 | 60 | 998.0000 | 25 | 64.00000 |
| ## 709 | 3 | 175 | 68 | 130.0000 | 40 | 74.00000 |
| ## 710 | 5 | 193 | 71 | 123.0000 | 20 | 84.00000 |
| ## 711 | 97 | 220 | 67 | 130.0000 | 400 | 76.00000 |
| ## 712 | 97 | 117 | 57 | 998.0000 | 200 | 73.00000 |
| ## 713 | 97 | 230 | 69 | 130.0000 | 30 | 80.00000 |
| ## 714 | 4 | 252 | 72 | 140.0000 | 25 | 64.00000 |
| ## 715 | 4 | 125 | 59 | 160.0000 | 25 | 68.00000 |
| ## 716 | 1 | 165 | 67 | 100.0000 | 40 | 60.00000 |
| ## 717 | 3 | 160 | 67 | 90.0000 | 20 | 52.00000 |
| ## 718 | 3 | 196 | 72 | 126.0000 | 25 | 60.00000 |
| ## 719 | 6 | 153 | 65 | 140.0000 | 25 | 76.00000 |
| ## 720 | 0 | 196 | 66 | 156.0000 | 40 | 64.00000 |
| ## 721 | 2 | 120 | 62 | 140.0000 | 20 | 65.00000 |
| ## 722 | 2 | 245 | 71 | 140.0000 | 100 | 80.00000 |
| ## 723 | 97 | 150 | 61 | 140.0000 | 70 | 80.00000 |
| ## 724 | 6 | 150 | 63 | 162.0000 | 30 | 80.00000 |
| ## 725 | 6 | 180 | 65 | 156.0000 | 50 | 66.00000 |
| ## 726 | 97 | 151 | 60 | 130.0000 | 50 | 64.00000 |
| ## 727 | 8 | 106 | 59 | 130.0000 | 30 | 70.00000 |
| ## 728 | 3 | 117 | 63 | 998.0000 | 25 | 68.00000 |
| ## 729 | 6 | 200 | 71 | 150.0000 | 30 | 80.00000 |
| ## 730 | 6 | 188 | 71 | 140.0000 | 40 | 90.00000 |
| ## 731 | 6 | 185 | 73 | 998.0000 | 40 | 72.00000 |
| ## 732 | 3 | 190 | 71 | 110.0000 | 20 | 56.00000 |
| ## 733 | 1 | 130 | 66 | 200.0000 | 50 | 72.00000 |
| ## 734 | 1 | 100 | 60 | 150.0000 | 70 | 64.00000 |
| ## 735 | 4 | 175 | 67 | 120.0000 | 40 | 80.00000 |
| ## 736 | 3 | 115 | 59 | 152.0000 | 20 | 64.00000 |
| ## 737 | 1 | 140 | 62 | 112.0000 | 20 | 104.00000 |

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|--------|------------|-------------|----------|----------|----|----------|
| ## 738 | 4 | 140 | 63 | 156.0000 | 25 | 84.00000 |
| ## 739 | 2 | 140 | 65 | 150.0000 | 30 | 88.00000 |
| ## 740 | 2 | 210 | 66 | 120.0000 | 25 | 48.00000 |
| ## 741 | 6 | 245 | 70 | 110.0000 | 30 | 60.00000 |
| ## 742 | 4 | 130 | 64 | 120.0000 | 50 | 60.00000 |
| ## 743 | 4 | 134 | 63 | 120.0000 | 40 | 72.00000 |
| ## 744 | 1 | 123 | 56 | 176.0000 | 50 | 60.00000 |
| ## | SystolicBP | DiastolicBP | ADCDRSTG | | | |
| ## 1 | 146.0000 | 70.00000 | 0.0 | | | |
| ## 2 | 160.0000 | 80.00000 | 0.5 | | | |
| ## 3 | 100.0000 | 64.00000 | 0.0 | | | |
| ## 4 | 130.0000 | 88.00000 | 1.0 | | | |
| ## 5 | 180.0000 | 78.00000 | 0.5 | | | |
| ## 6 | 140.0000 | 70.00000 | 0.5 | | | |
| ## 7 | 150.0000 | 82.00000 | 0.0 | | | |
| ## 8 | 150.0000 | 70.00000 | 0.0 | | | |
| ## 9 | 170.0000 | 80.00000 | 97.0 | | | |
| ## 10 | 130.0000 | 68.00000 | 0.0 | | | |
| ## 11 | 174.0000 | 94.00000 | 0.5 | | | |
| ## 12 | 140.0000 | 100.00000 | 1.0 | | | |
| ## 13 | 126.0000 | 60.00000 | 1.0 | | | |
| ## 14 | 140.0000 | 70.00000 | 0.5 | | | |
| ## 15 | 122.0000 | 70.00000 | 0.5 | | | |
| ## 16 | 116.0000 | 70.00000 | 4.0 | | | |
| ## 17 | 148.0000 | 88.00000 | 0.0 | | | |
| ## 18 | 152.0000 | 82.00000 | 0.5 | | | |
| ## 19 | 160.0000 | 86.00000 | 0.5 | | | |
| ## 20 | 90.0000 | 60.00000 | 0.0 | | | |
| ## 21 | 154.0000 | 84.00000 | 0.0 | | | |
| ## 22 | 136.0000 | 64.00000 | 0.0 | | | |
| ## 23 | 118.0000 | 70.00000 | 3.0 | | | |
| ## 24 | 158.0000 | 88.00000 | 0.5 | | | |
| ## 25 | 134.0000 | 60.00000 | 0.5 | | | |
| ## 26 | 132.0000 | 62.00000 | 0.0 | | | |
| ## 27 | 155.0000 | 80.00000 | 2.0 | | | |
| ## 28 | 98.0000 | 62.00000 | 2.0 | | | |
| ## 29 | 160.0000 | 90.00000 | 0.0 | | | |
| ## 30 | 100.0000 | 58.00000 | 1.0 | | | |
| ## 31 | 138.6938 | 76.56911 | 2.0 | | | |
| ## 32 | 130.0000 | 60.00000 | 0.0 | | | |
| ## 33 | 160.0000 | 80.00000 | 0.5 | | | |
| ## 34 | 128.0000 | 78.00000 | 0.0 | | | |
| ## 35 | 110.0000 | 80.00000 | 4.0 | | | |
| ## 36 | 140.0000 | 70.00000 | 0.5 | | | |
| ## 37 | 110.0000 | 60.00000 | 1.0 | | | |
| ## 38 | 104.0000 | 58.00000 | 0.0 | | | |
| ## 39 | 132.0000 | 64.00000 | 3.0 | | | |
| ## 40 | 170.0000 | 108.00000 | 0.5 | | | |
| ## 41 | 148.0000 | 70.00000 | 0.5 | | | |
| ## 42 | 160.0000 | 62.00000 | 0.5 | | | |
| ## 43 | 104.0000 | 64.00000 | 0.5 | | | |
| ## 44 | 130.0000 | 90.00000 | 0.5 | | | |
| ## 45 | 148.0000 | 80.00000 | 0.0 | | | |
| ## 46 | 180.0000 | 90.00000 | 0.0 | | | |

| | | | |
|--------|----------|----------|-----|
| ## 47 | 110.0000 | 62.00000 | 0.0 |
| ## 48 | 130.0000 | 80.00000 | 1.0 |
| ## 49 | 164.0000 | 84.00000 | 1.0 |
| ## 50 | 132.0000 | 76.00000 | 0.0 |
| ## 51 | 140.0000 | 90.00000 | 2.0 |
| ## 52 | 132.0000 | 50.00000 | 0.5 |
| ## 53 | 146.0000 | 70.00000 | 0.5 |
| ## 54 | 132.0000 | 68.00000 | 0.5 |
| ## 55 | 130.0000 | 80.00000 | 0.5 |
| ## 56 | 120.0000 | 60.00000 | 0.0 |
| ## 57 | 180.0000 | 84.00000 | 0.5 |
| ## 58 | 130.0000 | 62.00000 | 0.5 |
| ## 59 | 116.0000 | 70.00000 | 0.5 |
| ## 60 | 120.0000 | 70.00000 | 0.5 |
| ## 61 | 140.0000 | 68.00000 | 1.0 |
| ## 62 | 170.0000 | 74.00000 | 0.5 |
| ## 63 | 160.0000 | 80.00000 | 2.0 |
| ## 64 | 162.0000 | 62.00000 | 2.0 |
| ## 65 | 130.0000 | 58.00000 | 0.0 |
| ## 66 | 130.0000 | 62.00000 | 0.5 |
| ## 67 | 130.0000 | 60.00000 | 0.5 |
| ## 68 | 158.0000 | 70.00000 | 0.0 |
| ## 69 | 174.0000 | 74.00000 | 1.0 |
| ## 70 | 140.0000 | 70.00000 | 0.5 |
| ## 71 | 170.0000 | 86.00000 | 0.0 |
| ## 72 | 130.0000 | 80.00000 | 0.5 |
| ## 73 | 126.0000 | 76.00000 | 0.5 |
| ## 74 | 100.0000 | 60.00000 | 1.0 |
| ## 75 | 128.0000 | 86.00000 | 0.0 |
| ## 76 | 140.0000 | 74.00000 | 0.5 |
| ## 77 | 92.0000 | 50.00000 | 3.0 |
| ## 78 | 104.0000 | 52.00000 | 0.5 |
| ## 79 | 100.0000 | 60.00000 | 3.0 |
| ## 80 | 110.0000 | 50.00000 | 2.0 |
| ## 81 | 118.0000 | 76.00000 | 0.5 |
| ## 82 | 140.0000 | 90.00000 | 0.0 |
| ## 83 | 136.0000 | 58.00000 | 0.5 |
| ## 84 | 138.6938 | 76.56911 | 5.0 |
| ## 85 | 120.0000 | 80.00000 | 3.0 |
| ## 86 | 126.0000 | 60.00000 | 3.0 |
| ## 87 | 120.0000 | 64.00000 | 0.5 |
| ## 88 | 120.0000 | 80.00000 | 0.0 |
| ## 89 | 142.0000 | 90.00000 | 0.5 |
| ## 90 | 104.0000 | 74.00000 | 0.5 |
| ## 91 | 140.0000 | 90.00000 | 0.0 |
| ## 92 | 122.0000 | 86.00000 | 0.0 |
| ## 93 | 108.0000 | 50.00000 | 3.0 |
| ## 94 | 165.0000 | 70.00000 | 0.5 |
| ## 95 | 120.0000 | 80.00000 | 1.0 |
| ## 96 | 118.0000 | 76.00000 | 0.0 |
| ## 97 | 130.0000 | 88.00000 | 0.5 |
| ## 98 | 114.0000 | 70.00000 | 0.0 |
| ## 99 | 126.0000 | 56.00000 | 1.0 |
| ## 100 | 138.0000 | 60.00000 | 0.5 |

| | | | |
|--------|----------|-----------|-----|
| ## 101 | 90.0000 | 60.00000 | 1.0 |
| ## 102 | 150.0000 | 76.00000 | 0.5 |
| ## 103 | 140.0000 | 80.00000 | 1.0 |
| ## 104 | 104.0000 | 58.00000 | 0.5 |
| ## 105 | 102.0000 | 50.00000 | 3.0 |
| ## 106 | 110.0000 | 80.00000 | 3.0 |
| ## 107 | 130.0000 | 74.00000 | 1.0 |
| ## 108 | 190.0000 | 90.00000 | 0.5 |
| ## 109 | 160.0000 | 80.00000 | 2.0 |
| ## 110 | 174.0000 | 58.00000 | 3.0 |
| ## 111 | 120.0000 | 80.00000 | 0.0 |
| ## 112 | 170.0000 | 80.00000 | 0.5 |
| ## 113 | 136.0000 | 80.00000 | 4.0 |
| ## 114 | 120.0000 | 78.00000 | 0.5 |
| ## 115 | 130.0000 | 70.00000 | 0.5 |
| ## 116 | 120.0000 | 70.00000 | 2.0 |
| ## 117 | 132.0000 | 68.00000 | 2.0 |
| ## 118 | 120.0000 | 66.00000 | 0.5 |
| ## 119 | 126.0000 | 74.00000 | 0.0 |
| ## 120 | 200.0000 | 98.00000 | 3.0 |
| ## 121 | 128.0000 | 76.00000 | 2.0 |
| ## 122 | 160.0000 | 90.00000 | 2.0 |
| ## 123 | 140.0000 | 80.00000 | 3.0 |
| ## 124 | 100.0000 | 60.00000 | 0.5 |
| ## 125 | 140.0000 | 70.00000 | 1.0 |
| ## 126 | 138.0000 | 68.00000 | 3.0 |
| ## 127 | 110.0000 | 70.00000 | 1.0 |
| ## 128 | 130.0000 | 80.00000 | 3.0 |
| ## 129 | 178.0000 | 78.00000 | 0.0 |
| ## 130 | 128.0000 | 60.00000 | 0.0 |
| ## 131 | 94.0000 | 50.00000 | 2.0 |
| ## 132 | 128.0000 | 78.00000 | 0.0 |
| ## 133 | 140.0000 | 80.00000 | 0.0 |
| ## 134 | 130.0000 | 70.00000 | 2.0 |
| ## 135 | 186.0000 | 94.00000 | 0.5 |
| ## 136 | 112.0000 | 58.00000 | 3.0 |
| ## 137 | 130.0000 | 70.00000 | 0.5 |
| ## 138 | 90.0000 | 52.00000 | 3.0 |
| ## 139 | 148.0000 | 92.00000 | 1.0 |
| ## 140 | 150.0000 | 90.00000 | 2.0 |
| ## 141 | 112.0000 | 60.00000 | 0.0 |
| ## 142 | 150.0000 | 70.00000 | 0.0 |
| ## 143 | 110.0000 | 60.00000 | 2.0 |
| ## 144 | 160.0000 | 78.00000 | 0.5 |
| ## 145 | 260.0000 | 140.00000 | 2.0 |
| ## 146 | 140.0000 | 60.00000 | 0.0 |
| ## 147 | 126.0000 | 70.00000 | 0.0 |
| ## 148 | 130.0000 | 70.00000 | 4.0 |
| ## 149 | 120.0000 | 70.00000 | 2.0 |
| ## 150 | 130.0000 | 70.00000 | 0.5 |
| ## 151 | 150.0000 | 68.00000 | 0.0 |
| ## 152 | 120.0000 | 60.00000 | 0.5 |
| ## 153 | 110.0000 | 72.00000 | 0.5 |
| ## 154 | 110.0000 | 80.00000 | 0.0 |

| | | | |
|--------|----------|-----------|-----|
| ## 155 | 112.0000 | 62.00000 | 0.5 |
| ## 156 | 130.0000 | 70.00000 | 0.0 |
| ## 157 | 176.0000 | 90.00000 | 0.5 |
| ## 158 | 150.0000 | 90.00000 | 0.5 |
| ## 159 | 142.0000 | 80.00000 | 0.5 |
| ## 160 | 92.0000 | 50.00000 | 3.0 |
| ## 161 | 128.0000 | 72.00000 | 0.0 |
| ## 162 | 130.0000 | 62.00000 | 1.0 |
| ## 163 | 130.0000 | 90.00000 | 0.5 |
| ## 164 | 140.0000 | 66.00000 | 0.0 |
| ## 165 | 160.0000 | 90.00000 | 0.5 |
| ## 166 | 140.0000 | 60.00000 | 0.5 |
| ## 167 | 90.0000 | 56.00000 | 2.0 |
| ## 168 | 136.0000 | 90.00000 | 1.0 |
| ## 169 | 124.0000 | 68.00000 | 0.0 |
| ## 170 | 110.0000 | 60.00000 | 1.0 |
| ## 171 | 140.0000 | 70.00000 | 0.5 |
| ## 172 | 148.0000 | 80.00000 | 0.5 |
| ## 173 | 128.0000 | 64.00000 | 0.0 |
| ## 174 | 156.0000 | 74.00000 | 0.5 |
| ## 175 | 120.0000 | 70.00000 | 4.0 |
| ## 176 | 190.0000 | 88.00000 | 1.0 |
| ## 177 | 140.0000 | 80.00000 | 0.0 |
| ## 178 | 134.0000 | 68.00000 | 0.0 |
| ## 179 | 164.0000 | 106.00000 | 0.5 |
| ## 180 | 130.0000 | 70.00000 | 1.0 |
| ## 181 | 90.0000 | 60.00000 | 3.0 |
| ## 182 | 96.0000 | 64.00000 | 0.0 |
| ## 183 | 100.0000 | 60.00000 | 0.5 |
| ## 184 | 140.0000 | 80.00000 | 1.0 |
| ## 185 | 140.0000 | 64.00000 | 0.5 |
| ## 186 | 124.0000 | 78.00000 | 0.0 |
| ## 187 | 120.0000 | 60.00000 | 1.0 |
| ## 188 | 126.0000 | 60.00000 | 0.5 |
| ## 189 | 120.0000 | 62.00000 | 0.0 |
| ## 190 | 130.0000 | 84.00000 | 0.5 |
| ## 191 | 120.0000 | 70.00000 | 0.0 |
| ## 192 | 110.0000 | 60.00000 | 1.0 |
| ## 193 | 148.0000 | 72.00000 | 0.5 |
| ## 194 | 140.0000 | 90.00000 | 0.0 |
| ## 195 | 130.0000 | 70.00000 | 2.0 |
| ## 196 | 134.0000 | 80.00000 | 0.5 |
| ## 197 | 108.0000 | 68.00000 | 3.0 |
| ## 198 | 100.0000 | 60.00000 | 1.0 |
| ## 199 | 190.0000 | 84.00000 | 1.0 |
| ## 200 | 188.0000 | 96.00000 | 0.0 |
| ## 201 | 132.0000 | 78.00000 | 0.0 |
| ## 202 | 140.0000 | 90.00000 | 0.5 |
| ## 203 | 144.0000 | 88.00000 | 0.0 |
| ## 204 | 136.0000 | 70.00000 | 0.0 |
| ## 205 | 160.0000 | 82.00000 | 0.5 |
| ## 206 | 160.0000 | 80.00000 | 0.5 |
| ## 207 | 128.0000 | 78.00000 | 0.5 |
| ## 208 | 120.0000 | 70.00000 | 4.0 |

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|----|-----|----------|-----------|-----|
| ## | 209 | 120.0000 | 70.00000 | 2.0 |
| ## | 210 | 138.0000 | 78.00000 | 0.0 |
| ## | 211 | 110.0000 | 70.00000 | 0.5 |
| ## | 212 | 150.0000 | 70.00000 | 0.5 |
| ## | 213 | 132.0000 | 58.00000 | 0.0 |
| ## | 214 | 130.0000 | 72.00000 | 0.5 |
| ## | 215 | 130.0000 | 70.00000 | 4.0 |
| ## | 216 | 182.0000 | 82.00000 | 0.5 |
| ## | 217 | 140.0000 | 80.00000 | 1.0 |
| ## | 218 | 160.0000 | 90.00000 | 0.0 |
| ## | 219 | 112.0000 | 60.00000 | 0.5 |
| ## | 220 | 110.0000 | 70.00000 | 2.0 |
| ## | 221 | 165.0000 | 80.00000 | 0.0 |
| ## | 222 | 174.0000 | 94.00000 | 0.5 |
| ## | 223 | 100.0000 | 60.00000 | 1.0 |
| ## | 224 | 160.0000 | 78.00000 | 4.0 |
| ## | 225 | 997.0000 | 997.00000 | 3.0 |
| ## | 226 | 160.0000 | 80.00000 | 0.5 |
| ## | 227 | 138.0000 | 68.00000 | 0.0 |
| ## | 228 | 118.0000 | 70.00000 | 3.0 |
| ## | 229 | 140.0000 | 78.00000 | 0.5 |
| ## | 230 | 110.0000 | 70.00000 | 2.0 |
| ## | 231 | 150.0000 | 80.00000 | 0.0 |
| ## | 232 | 106.0000 | 50.00000 | 0.5 |
| ## | 233 | 150.0000 | 76.00000 | 2.0 |
| ## | 234 | 140.0000 | 82.00000 | 0.0 |
| ## | 235 | 142.0000 | 80.00000 | 0.0 |
| ## | 236 | 110.0000 | 70.00000 | 1.0 |
| ## | 237 | 124.0000 | 70.00000 | 0.0 |
| ## | 238 | 997.0000 | 997.00000 | 5.0 |
| ## | 239 | 158.0000 | 68.00000 | 0.0 |
| ## | 240 | 110.0000 | 54.00000 | 0.5 |
| ## | 241 | 120.0000 | 60.00000 | 0.5 |
| ## | 242 | 130.0000 | 70.00000 | 1.0 |
| ## | 243 | 150.0000 | 80.00000 | 0.0 |
| ## | 244 | 110.0000 | 50.00000 | 0.5 |
| ## | 245 | 100.0000 | 60.00000 | 3.0 |
| ## | 246 | 110.0000 | 60.00000 | 4.0 |
| ## | 247 | 130.0000 | 70.00000 | 1.0 |
| ## | 248 | 132.0000 | 60.00000 | 0.0 |
| ## | 249 | 122.0000 | 80.00000 | 0.5 |
| ## | 250 | 108.0000 | 84.00000 | 1.0 |
| ## | 251 | 998.0000 | 998.00000 | 4.0 |
| ## | 252 | 110.0000 | 70.00000 | 1.0 |
| ## | 253 | 140.0000 | 90.00000 | 2.0 |
| ## | 254 | 90.0000 | 60.00000 | 2.0 |
| ## | 255 | 160.0000 | 80.00000 | 0.0 |
| ## | 256 | 200.0000 | 80.00000 | 0.5 |
| ## | 257 | 122.0000 | 80.00000 | 0.5 |
| ## | 258 | 170.0000 | 80.00000 | 0.5 |
| ## | 259 | 90.0000 | 60.00000 | 0.5 |
| ## | 260 | 130.0000 | 80.00000 | 0.0 |
| ## | 261 | 130.0000 | 58.00000 | 1.0 |
| ## | 262 | 114.0000 | 60.00000 | 0.0 |

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|--------|----------|-----------|------|
| ## 263 | 128.0000 | 70.00000 | 3.0 |
| ## 264 | 116.0000 | 70.00000 | 4.0 |
| ## 265 | 120.0000 | 68.00000 | 0.5 |
| ## 266 | 132.0000 | 90.00000 | 2.0 |
| ## 267 | 128.0000 | 60.00000 | 3.0 |
| ## 268 | 148.0000 | 40.00000 | 4.0 |
| ## 269 | 140.0000 | 70.00000 | 0.0 |
| ## 270 | 180.0000 | 92.00000 | 0.5 |
| ## 271 | 162.0000 | 70.00000 | 0.5 |
| ## 272 | 100.0000 | 64.00000 | 3.0 |
| ## 273 | 108.0000 | 70.00000 | 3.0 |
| ## 274 | 110.0000 | 60.00000 | 1.0 |
| ## 275 | 220.0000 | 120.00000 | 0.5 |
| ## 276 | 140.0000 | 68.00000 | 0.0 |
| ## 277 | 120.0000 | 76.00000 | 0.5 |
| ## 278 | 158.0000 | 48.00000 | 0.0 |
| ## 279 | 100.0000 | 60.00000 | 1.0 |
| ## 280 | 100.0000 | 60.00000 | 4.0 |
| ## 281 | 130.0000 | 80.00000 | 2.0 |
| ## 282 | 146.0000 | 80.00000 | 0.5 |
| ## 283 | 130.0000 | 62.00000 | 1.0 |
| ## 284 | 100.0000 | 60.00000 | 0.0 |
| ## 285 | 110.0000 | 40.00000 | 2.0 |
| ## 286 | 130.0000 | 60.00000 | 0.0 |
| ## 287 | 110.0000 | 58.00000 | 2.0 |
| ## 288 | 150.0000 | 88.00000 | 0.0 |
| ## 289 | 140.0000 | 70.00000 | 0.0 |
| ## 290 | 156.0000 | 90.00000 | 0.0 |
| ## 291 | 124.0000 | 88.00000 | 0.5 |
| ## 292 | 118.0000 | 60.00000 | 0.0 |
| ## 293 | 118.0000 | 70.00000 | 0.0 |
| ## 294 | 112.0000 | 58.00000 | 3.0 |
| ## 295 | 100.0000 | 60.00000 | 0.0 |
| ## 296 | 165.0000 | 88.00000 | 2.0 |
| ## 297 | 110.0000 | 60.00000 | 1.0 |
| ## 298 | 160.0000 | 76.00000 | 0.0 |
| ## 299 | 114.0000 | 58.00000 | 0.5 |
| ## 300 | 104.0000 | 60.00000 | 0.5 |
| ## 301 | 118.0000 | 60.00000 | 3.0 |
| ## 302 | 140.0000 | 70.00000 | 0.0 |
| ## 303 | 122.0000 | 72.00000 | 3.0 |
| ## 304 | 120.0000 | 70.00000 | 1.0 |
| ## 305 | 122.0000 | 60.00000 | 97.0 |
| ## 306 | 128.0000 | 52.00000 | 2.0 |
| ## 307 | 114.0000 | 70.00000 | 0.5 |
| ## 308 | 110.0000 | 70.00000 | 1.0 |
| ## 309 | 100.0000 | 50.00000 | 1.0 |
| ## 310 | 138.6938 | 76.56911 | 3.0 |
| ## 311 | 112.0000 | 70.00000 | 0.5 |
| ## 312 | 128.0000 | 60.00000 | 0.0 |
| ## 313 | 120.0000 | 60.00000 | 2.0 |
| ## 314 | 156.0000 | 72.00000 | 0.0 |
| ## 315 | 146.0000 | 84.00000 | 0.0 |
| ## 316 | 100.0000 | 60.00000 | 0.5 |

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|--------|----------|-----------|-----|
| ## 317 | 130.0000 | 80.00000 | 4.0 |
| ## 318 | 116.0000 | 58.00000 | 0.5 |
| ## 319 | 90.0000 | 60.00000 | 5.0 |
| ## 320 | 150.0000 | 80.00000 | 0.5 |
| ## 321 | 118.0000 | 70.00000 | 0.5 |
| ## 322 | 150.0000 | 70.00000 | 0.0 |
| ## 323 | 136.0000 | 60.00000 | 0.0 |
| ## 324 | 170.0000 | 100.00000 | 0.5 |
| ## 325 | 108.0000 | 76.00000 | 3.0 |
| ## 326 | 140.0000 | 70.00000 | 0.0 |
| ## 327 | 140.0000 | 70.00000 | 2.0 |
| ## 328 | 160.0000 | 70.00000 | 1.0 |
| ## 329 | 120.0000 | 70.00000 | 0.5 |
| ## 330 | 130.0000 | 60.00000 | 0.0 |
| ## 331 | 140.0000 | 60.00000 | 1.0 |
| ## 332 | 130.0000 | 92.00000 | 0.0 |
| ## 333 | 138.0000 | 70.00000 | 0.0 |
| ## 334 | 110.0000 | 68.00000 | 1.0 |
| ## 335 | 155.0000 | 90.00000 | 3.0 |
| ## 336 | 122.0000 | 70.00000 | 0.5 |
| ## 337 | 118.0000 | 88.00000 | 3.0 |
| ## 338 | 150.0000 | 80.00000 | 1.0 |
| ## 339 | 110.0000 | 66.00000 | 0.5 |
| ## 340 | 180.0000 | 84.00000 | 0.5 |
| ## 341 | 126.0000 | 78.00000 | 4.0 |
| ## 342 | 140.0000 | 90.00000 | 0.5 |
| ## 343 | 160.0000 | 83.00000 | 2.0 |
| ## 344 | 142.0000 | 90.00000 | 1.0 |
| ## 345 | 140.0000 | 60.00000 | 0.0 |
| ## 346 | 122.0000 | 64.00000 | 3.0 |
| ## 347 | 120.0000 | 70.00000 | 0.0 |
| ## 348 | 156.0000 | 72.00000 | 0.0 |
| ## 349 | 130.0000 | 70.00000 | 0.5 |
| ## 350 | 104.0000 | 50.00000 | 2.0 |
| ## 351 | 134.0000 | 76.00000 | 0.0 |
| ## 352 | 134.0000 | 80.00000 | 2.0 |
| ## 353 | 160.0000 | 88.00000 | 0.5 |
| ## 354 | 118.0000 | 80.00000 | 2.0 |
| ## 355 | 154.0000 | 80.00000 | 0.5 |
| ## 356 | 180.0000 | 90.00000 | 0.0 |
| ## 357 | 170.0000 | 100.00000 | 0.0 |
| ## 358 | 178.0000 | 98.00000 | 0.5 |
| ## 359 | 170.0000 | 90.00000 | 0.5 |
| ## 360 | 140.0000 | 80.00000 | 0.0 |
| ## 361 | 104.0000 | 58.00000 | 3.0 |
| ## 362 | 120.0000 | 80.00000 | 0.5 |
| ## 363 | 130.0000 | 72.00000 | 3.0 |
| ## 364 | 130.0000 | 60.00000 | 0.5 |
| ## 365 | 90.0000 | 60.00000 | 0.0 |
| ## 366 | 110.0000 | 70.00000 | 0.0 |
| ## 367 | 122.0000 | 80.00000 | 2.0 |
| ## 368 | 140.0000 | 90.00000 | 0.5 |
| ## 369 | 160.0000 | 90.00000 | 0.0 |
| ## 370 | 120.0000 | 70.00000 | 2.0 |

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|--------|----------|----------|-----|
| ## 371 | 158.0000 | 92.00000 | 3.0 |
| ## 372 | 140.0000 | 80.00000 | 1.0 |
| ## 373 | 180.0000 | 88.00000 | 0.5 |
| ## 374 | 112.0000 | 60.00000 | 0.5 |
| ## 375 | 110.0000 | 70.00000 | 0.5 |
| ## 376 | 156.0000 | 76.00000 | 0.0 |
| ## 377 | 92.0000 | 60.00000 | 3.0 |
| ## 378 | 110.0000 | 60.00000 | 2.0 |
| ## 379 | 130.0000 | 56.00000 | 0.0 |
| ## 380 | 116.0000 | 70.00000 | 1.0 |
| ## 381 | 100.0000 | 60.00000 | 2.0 |
| ## 382 | 142.0000 | 86.00000 | 0.5 |
| ## 383 | 130.0000 | 70.00000 | 0.5 |
| ## 384 | 170.0000 | 80.00000 | 3.0 |
| ## 385 | 118.0000 | 70.00000 | 0.5 |
| ## 386 | 122.0000 | 50.00000 | 3.0 |
| ## 387 | 102.0000 | 76.00000 | 0.5 |
| ## 388 | 160.0000 | 90.00000 | 1.0 |
| ## 389 | 166.0000 | 64.00000 | 0.5 |
| ## 390 | 110.0000 | 70.00000 | 2.0 |
| ## 391 | 132.0000 | 70.00000 | 1.0 |
| ## 392 | 130.0000 | 78.00000 | 0.5 |
| ## 393 | 144.0000 | 67.00000 | 0.0 |
| ## 394 | 142.0000 | 80.00000 | 0.5 |
| ## 395 | 158.0000 | 84.00000 | 0.5 |
| ## 396 | 170.0000 | 90.00000 | 0.5 |
| ## 397 | 148.0000 | 70.00000 | 0.0 |
| ## 398 | 152.0000 | 80.00000 | 4.0 |
| ## 399 | 160.0000 | 80.00000 | 1.0 |
| ## 400 | 150.0000 | 84.00000 | 0.0 |
| ## 401 | 110.0000 | 70.00000 | 1.0 |
| ## 402 | 112.0000 | 62.00000 | 0.5 |
| ## 403 | 92.0000 | 70.00000 | 0.5 |
| ## 404 | 128.0000 | 70.00000 | 0.0 |
| ## 405 | 165.0000 | 70.00000 | 1.0 |
| ## 406 | 146.0000 | 80.00000 | 0.5 |
| ## 407 | 122.0000 | 80.00000 | 0.0 |
| ## 408 | 136.0000 | 64.00000 | 0.5 |
| ## 409 | 120.0000 | 70.00000 | 0.0 |
| ## 410 | 148.0000 | 80.00000 | 0.5 |
| ## 411 | 170.0000 | 88.00000 | 0.0 |
| ## 412 | 160.0000 | 72.00000 | 2.0 |
| ## 413 | 172.0000 | 80.00000 | 0.5 |
| ## 414 | 110.0000 | 62.00000 | 5.0 |
| ## 415 | 110.0000 | 70.00000 | 3.0 |
| ## 416 | 168.0000 | 80.00000 | 0.0 |
| ## 417 | 120.0000 | 62.00000 | 0.5 |
| ## 418 | 128.0000 | 80.00000 | 1.0 |
| ## 419 | 156.0000 | 72.00000 | 0.0 |
| ## 420 | 100.0000 | 58.00000 | 0.0 |
| ## 421 | 120.0000 | 76.00000 | 0.5 |
| ## 422 | 122.0000 | 78.00000 | 0.0 |
| ## 423 | 180.0000 | 90.00000 | 0.5 |
| ## 424 | 138.0000 | 58.00000 | 0.5 |

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| ## 425 | 170.0000 | 80.00000 | 0.5 |
| ## 426 | 90.0000 | 52.00000 | 2.0 |
| ## 427 | 140.0000 | 90.00000 | 0.5 |
| ## 428 | 150.0000 | 84.00000 | 0.5 |
| ## 429 | 144.0000 | 72.00000 | 0.0 |
| ## 430 | 140.0000 | 70.00000 | 1.0 |
| ## 431 | 170.0000 | 90.00000 | 0.0 |
| ## 432 | 170.0000 | 100.00000 | 0.5 |
| ## 433 | 140.0000 | 90.00000 | 1.0 |
| ## 434 | 130.0000 | 70.00000 | 0.0 |
| ## 435 | 100.0000 | 60.00000 | 4.0 |
| ## 436 | 110.0000 | 60.00000 | 1.0 |
| ## 437 | 90.0000 | 50.00000 | 1.0 |
| ## 438 | 112.0000 | 58.00000 | 0.5 |
| ## 439 | 122.0000 | 80.00000 | 0.0 |
| ## 440 | 138.0000 | 78.00000 | 0.5 |
| ## 441 | 132.0000 | 72.00000 | 0.0 |
| ## 442 | 130.0000 | 78.00000 | 0.5 |
| ## 443 | 130.0000 | 70.00000 | 0.5 |
| ## 444 | 150.0000 | 70.00000 | 0.5 |
| ## 445 | 150.0000 | 80.00000 | 0.0 |
| ## 446 | 162.0000 | 70.00000 | 0.5 |
| ## 447 | 140.0000 | 70.00000 | 1.0 |
| ## 448 | 160.0000 | 70.00000 | 0.5 |
| ## 449 | 120.0000 | 70.00000 | 0.5 |
| ## 450 | 138.6938 | 76.56911 | 2.0 |
| ## 451 | 132.0000 | 64.00000 | 1.0 |
| ## 452 | 130.0000 | 76.00000 | 2.0 |
| ## 453 | 120.0000 | 70.00000 | 0.5 |
| ## 454 | 146.0000 | 64.00000 | 0.5 |
| ## 455 | 170.0000 | 100.00000 | 1.0 |
| ## 456 | 110.0000 | 60.00000 | 1.0 |
| ## 457 | 120.0000 | 80.00000 | 0.5 |
| ## 458 | 118.0000 | 72.00000 | 0.5 |
| ## 459 | 112.0000 | 74.00000 | 0.5 |
| ## 460 | 100.0000 | 58.00000 | 0.0 |
| ## 461 | 146.0000 | 92.00000 | 0.5 |
| ## 462 | 128.0000 | 88.00000 | 0.0 |
| ## 463 | 148.0000 | 86.00000 | 0.0 |
| ## 464 | 110.0000 | 80.00000 | 0.5 |
| ## 465 | 140.0000 | 74.00000 | 0.5 |
| ## 466 | 146.0000 | 68.00000 | 1.0 |
| ## 467 | 112.0000 | 64.00000 | 0.0 |
| ## 468 | 152.0000 | 76.00000 | 0.5 |
| ## 469 | 138.6938 | 76.56911 | 5.0 |
| ## 470 | 158.0000 | 90.00000 | 0.5 |
| ## 471 | 164.0000 | 98.00000 | 0.5 |
| ## 472 | 142.0000 | 72.00000 | 4.0 |
| ## 473 | 126.0000 | 80.00000 | 0.5 |
| ## 474 | 158.0000 | 86.00000 | 0.5 |
| ## 475 | 138.6938 | 76.56911 | 0.5 |
| ## 476 | 140.0000 | 70.00000 | 0.5 |
| ## 477 | 126.0000 | 78.00000 | 0.5 |
| ## 478 | 122.0000 | 58.00000 | 0.5 |

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| ## 479 | 124.0000 | 60.00000 | 0.5 |
| ## 480 | 150.0000 | 72.00000 | 1.0 |
| ## 481 | 150.0000 | 94.00000 | 1.0 |
| ## 482 | 120.0000 | 72.00000 | 0.5 |
| ## 483 | 104.0000 | 70.00000 | 2.0 |
| ## 484 | 150.0000 | 70.00000 | 0.5 |
| ## 485 | 122.0000 | 88.00000 | 2.0 |
| ## 486 | 260.0000 | 110.00000 | 0.0 |
| ## 487 | 110.0000 | 70.00000 | 0.5 |
| ## 488 | 120.0000 | 68.00000 | 0.5 |
| ## 489 | 130.0000 | 74.00000 | 1.0 |
| ## 490 | 90.0000 | 52.00000 | 0.5 |
| ## 491 | 250.0000 | 100.00000 | 0.5 |
| ## 492 | 142.0000 | 80.00000 | 0.5 |
| ## 493 | 146.0000 | 78.00000 | 0.0 |
| ## 494 | 140.0000 | 90.00000 | 0.5 |
| ## 495 | 136.0000 | 96.00000 | 0.5 |
| ## 496 | 128.0000 | 64.00000 | 2.0 |
| ## 497 | 148.0000 | 58.00000 | 1.0 |
| ## 498 | 146.0000 | 78.00000 | 0.0 |
| ## 499 | 122.0000 | 70.00000 | 0.0 |
| ## 500 | 104.0000 | 64.00000 | 0.5 |
| ## 501 | 148.0000 | 84.00000 | 0.0 |
| ## 502 | 122.0000 | 62.00000 | 0.5 |
| ## 503 | 136.0000 | 80.00000 | 0.5 |
| ## 504 | 122.0000 | 74.00000 | 0.0 |
| ## 505 | 150.0000 | 80.00000 | 1.0 |
| ## 506 | 164.0000 | 94.00000 | 0.5 |
| ## 507 | 140.0000 | 78.00000 | 2.0 |
| ## 508 | 110.0000 | 60.00000 | 1.0 |
| ## 509 | 120.0000 | 66.00000 | 0.5 |
| ## 510 | 146.0000 | 84.00000 | 0.5 |
| ## 511 | 112.0000 | 60.00000 | 0.5 |
| ## 512 | 160.0000 | 80.00000 | 0.5 |
| ## 513 | 118.0000 | 70.00000 | 1.0 |
| ## 514 | 122.0000 | 70.00000 | 0.5 |
| ## 515 | 120.0000 | 66.00000 | 0.5 |
| ## 516 | 110.0000 | 58.00000 | 3.0 |
| ## 517 | 160.0000 | 74.00000 | 0.5 |
| ## 518 | 170.0000 | 80.00000 | 0.5 |
| ## 519 | 100.0000 | 50.00000 | 2.0 |
| ## 520 | 136.0000 | 70.00000 | 0.5 |
| ## 521 | 126.0000 | 70.00000 | 0.5 |
| ## 522 | 120.0000 | 80.00000 | 0.0 |
| ## 523 | 112.0000 | 80.00000 | 0.5 |
| ## 524 | 132.0000 | 76.00000 | 0.0 |
| ## 525 | 110.0000 | 80.00000 | 2.0 |
| ## 526 | 200.0000 | 96.00000 | 0.5 |
| ## 527 | 130.0000 | 72.00000 | 0.0 |
| ## 528 | 122.0000 | 60.00000 | 0.0 |
| ## 529 | 150.0000 | 76.00000 | 0.0 |
| ## 530 | 130.0000 | 84.00000 | 0.0 |
| ## 531 | 154.0000 | 90.00000 | 0.5 |
| ## 532 | 126.0000 | 80.00000 | 0.5 |

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|--------|----------|----------|-----|
| ## 533 | 148.0000 | 80.00000 | 0.0 |
| ## 534 | 142.0000 | 60.00000 | 0.0 |
| ## 535 | 150.0000 | 86.00000 | 0.0 |
| ## 536 | 150.0000 | 70.00000 | 0.0 |
| ## 537 | 132.0000 | 58.00000 | 0.5 |
| ## 538 | 164.0000 | 84.00000 | 0.5 |
| ## 539 | 156.0000 | 76.00000 | 0.5 |
| ## 540 | 116.0000 | 70.00000 | 0.0 |
| ## 541 | 140.0000 | 82.00000 | 0.5 |
| ## 542 | 122.0000 | 78.00000 | 1.0 |
| ## 543 | 130.0000 | 70.00000 | 0.5 |
| ## 544 | 150.0000 | 72.00000 | 1.0 |
| ## 545 | 120.0000 | 60.00000 | 1.0 |
| ## 546 | 145.0000 | 58.00000 | 3.0 |
| ## 547 | 148.0000 | 92.00000 | 0.0 |
| ## 548 | 130.0000 | 60.00000 | 0.5 |
| ## 549 | 150.0000 | 84.00000 | 0.0 |
| ## 550 | 98.0000 | 68.00000 | 0.0 |
| ## 551 | 160.0000 | 70.00000 | 0.0 |
| ## 552 | 148.0000 | 70.00000 | 2.0 |
| ## 553 | 170.0000 | 90.00000 | 0.0 |
| ## 554 | 180.0000 | 82.00000 | 0.0 |
| ## 555 | 102.0000 | 52.00000 | 0.0 |
| ## 556 | 128.0000 | 74.00000 | 0.5 |
| ## 557 | 165.0000 | 78.00000 | 0.0 |
| ## 558 | 140.0000 | 70.00000 | 1.0 |
| ## 559 | 150.0000 | 68.00000 | 0.5 |
| ## 560 | 140.0000 | 72.00000 | 0.5 |
| ## 561 | 130.0000 | 60.00000 | 0.5 |
| ## 562 | 98.0000 | 60.00000 | 0.5 |
| ## 563 | 160.0000 | 86.00000 | 0.0 |
| ## 564 | 106.0000 | 58.00000 | 0.5 |
| ## 565 | 118.0000 | 58.00000 | 0.0 |
| ## 566 | 128.0000 | 78.00000 | 0.0 |
| ## 567 | 150.0000 | 70.00000 | 0.0 |
| ## 568 | 130.0000 | 58.00000 | 0.0 |
| ## 569 | 192.0000 | 92.00000 | 0.5 |
| ## 570 | 130.0000 | 80.00000 | 0.5 |
| ## 571 | 128.0000 | 76.00000 | 0.0 |
| ## 572 | 130.0000 | 70.00000 | 0.5 |
| ## 573 | 130.0000 | 50.00000 | 0.5 |
| ## 574 | 144.0000 | 72.00000 | 0.0 |
| ## 575 | 130.0000 | 80.00000 | 0.5 |
| ## 576 | 142.0000 | 82.00000 | 0.0 |
| ## 577 | 160.0000 | 60.00000 | 0.5 |
| ## 578 | 110.0000 | 60.00000 | 1.0 |
| ## 579 | 124.0000 | 70.00000 | 0.0 |
| ## 580 | 132.0000 | 60.00000 | 0.0 |
| ## 581 | 144.0000 | 64.00000 | 0.0 |
| ## 582 | 140.0000 | 80.00000 | 0.5 |
| ## 583 | 102.0000 | 56.00000 | 0.5 |
| ## 584 | 165.0000 | 70.00000 | 0.5 |
| ## 585 | 140.0000 | 54.00000 | 0.5 |
| ## 586 | 130.0000 | 70.00000 | 3.0 |

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|--------|----------|-----------|-----|
| ## 587 | 140.0000 | 70.00000 | 0.5 |
| ## 588 | 122.0000 | 80.00000 | 0.0 |
| ## 589 | 162.0000 | 64.00000 | 0.5 |
| ## 590 | 142.0000 | 64.00000 | 1.0 |
| ## 591 | 200.0000 | 100.00000 | 0.5 |
| ## 592 | 100.0000 | 60.00000 | 3.0 |
| ## 593 | 122.0000 | 70.00000 | 0.5 |
| ## 594 | 122.0000 | 52.00000 | 0.5 |
| ## 595 | 180.0000 | 78.00000 | 0.5 |
| ## 596 | 160.0000 | 90.00000 | 0.5 |
| ## 597 | 160.0000 | 78.00000 | 0.5 |
| ## 598 | 118.0000 | 78.00000 | 0.5 |
| ## 599 | 140.0000 | 70.00000 | 0.0 |
| ## 600 | 100.0000 | 80.00000 | 3.0 |
| ## 601 | 150.0000 | 80.00000 | 0.5 |
| ## 602 | 144.0000 | 78.00000 | 0.5 |
| ## 603 | 148.0000 | 86.00000 | 0.0 |
| ## 604 | 130.0000 | 58.00000 | 0.5 |
| ## 605 | 148.0000 | 88.00000 | 0.0 |
| ## 606 | 120.0000 | 60.00000 | 0.0 |
| ## 607 | 143.0000 | 92.00000 | 0.5 |
| ## 608 | 140.0000 | 70.00000 | 0.5 |
| ## 609 | 150.0000 | 74.00000 | 0.5 |
| ## 610 | 158.0000 | 82.00000 | 0.5 |
| ## 611 | 130.0000 | 78.00000 | 0.5 |
| ## 612 | 130.0000 | 70.00000 | 1.0 |
| ## 613 | 144.0000 | 64.00000 | 0.5 |
| ## 614 | 148.0000 | 76.00000 | 0.5 |
| ## 615 | 140.0000 | 60.00000 | 0.5 |
| ## 616 | 168.0000 | 80.00000 | 0.5 |
| ## 617 | 136.0000 | 76.00000 | 0.5 |
| ## 618 | 160.0000 | 70.00000 | 0.5 |
| ## 619 | 140.0000 | 78.00000 | 0.5 |
| ## 620 | 100.0000 | 60.00000 | 0.5 |
| ## 621 | 110.0000 | 80.00000 | 1.0 |
| ## 622 | 128.0000 | 70.00000 | 0.0 |
| ## 623 | 128.0000 | 80.00000 | 0.5 |
| ## 624 | 130.0000 | 80.00000 | 0.5 |
| ## 625 | 142.0000 | 82.00000 | 0.0 |
| ## 626 | 160.0000 | 60.00000 | 0.0 |
| ## 627 | 110.0000 | 70.00000 | 0.5 |
| ## 628 | 118.0000 | 80.00000 | 0.5 |
| ## 629 | 140.0000 | 60.00000 | 0.5 |
| ## 630 | 122.0000 | 74.00000 | 2.0 |
| ## 631 | 150.0000 | 70.00000 | 0.5 |
| ## 632 | 140.0000 | 78.00000 | 0.5 |
| ## 633 | 142.0000 | 70.00000 | 0.5 |
| ## 634 | 120.0000 | 76.00000 | 0.0 |
| ## 635 | 132.0000 | 56.00000 | 1.0 |
| ## 636 | 160.0000 | 76.00000 | 1.0 |
| ## 637 | 120.0000 | 74.00000 | 0.5 |
| ## 638 | 104.0000 | 64.00000 | 0.5 |
| ## 639 | 140.0000 | 70.00000 | 2.0 |
| ## 640 | 120.0000 | 54.00000 | 0.5 |

| | | | |
|--------|----------|-----------|-----|
| ## 641 | 124.0000 | 86.00000 | 0.0 |
| ## 642 | 154.0000 | 86.00000 | 1.0 |
| ## 643 | 100.0000 | 56.00000 | 0.0 |
| ## 644 | 98.0000 | 56.00000 | 0.5 |
| ## 645 | 164.0000 | 90.00000 | 0.0 |
| ## 646 | 120.0000 | 60.00000 | 0.5 |
| ## 647 | 130.0000 | 70.00000 | 0.5 |
| ## 648 | 132.0000 | 70.00000 | 0.0 |
| ## 649 | 140.0000 | 72.00000 | 0.0 |
| ## 650 | 134.0000 | 68.00000 | 0.5 |
| ## 651 | 220.0000 | 90.00000 | 0.5 |
| ## 652 | 144.0000 | 70.00000 | 0.0 |
| ## 653 | 180.0000 | 90.00000 | 0.5 |
| ## 654 | 128.0000 | 64.00000 | 0.0 |
| ## 655 | 82.0000 | 60.00000 | 1.0 |
| ## 656 | 110.0000 | 60.00000 | 0.5 |
| ## 657 | 118.0000 | 70.00000 | 0.5 |
| ## 658 | 154.0000 | 74.00000 | 0.5 |
| ## 659 | 140.0000 | 64.00000 | 0.0 |
| ## 660 | 126.0000 | 72.00000 | 0.0 |
| ## 661 | 154.0000 | 92.00000 | 0.5 |
| ## 662 | 158.0000 | 80.00000 | 0.5 |
| ## 663 | 140.0000 | 72.00000 | 0.5 |
| ## 664 | 128.0000 | 72.00000 | 0.0 |
| ## 665 | 142.0000 | 70.00000 | 0.0 |
| ## 666 | 144.0000 | 74.00000 | 0.0 |
| ## 667 | 150.0000 | 88.00000 | 0.0 |
| ## 668 | 110.0000 | 64.00000 | 0.5 |
| ## 669 | 138.0000 | 60.00000 | 0.5 |
| ## 670 | 142.0000 | 70.00000 | 0.0 |
| ## 671 | 140.0000 | 50.00000 | 5.0 |
| ## 672 | 170.0000 | 90.00000 | 0.0 |
| ## 673 | 152.0000 | 78.00000 | 0.0 |
| ## 674 | 138.0000 | 84.00000 | 0.0 |
| ## 675 | 152.0000 | 70.00000 | 0.0 |
| ## 676 | 152.0000 | 80.00000 | 0.0 |
| ## 677 | 120.0000 | 78.00000 | 0.0 |
| ## 678 | 110.0000 | 74.00000 | 0.5 |
| ## 679 | 120.0000 | 78.00000 | 0.5 |
| ## 680 | 130.0000 | 82.00000 | 0.0 |
| ## 681 | 160.0000 | 58.00000 | 0.5 |
| ## 682 | 220.0000 | 70.00000 | 0.5 |
| ## 683 | 170.0000 | 104.00000 | 0.5 |
| ## 684 | 136.0000 | 70.00000 | 0.0 |
| ## 685 | 138.0000 | 60.00000 | 0.5 |
| ## 686 | 150.0000 | 78.00000 | 0.5 |
| ## 687 | 130.0000 | 78.00000 | 0.5 |
| ## 688 | 170.0000 | 70.00000 | 0.0 |
| ## 689 | 122.0000 | 80.00000 | 5.0 |
| ## 690 | 132.0000 | 68.00000 | 0.0 |
| ## 691 | 150.0000 | 80.00000 | 1.0 |
| ## 692 | 180.0000 | 80.00000 | 0.5 |
| ## 693 | 110.0000 | 60.00000 | 0.5 |
| ## 694 | 164.0000 | 78.00000 | 0.5 |

| | | | |
|--------|----------|-----------|-----|
| ## 695 | 120.0000 | 64.00000 | 1.0 |
| ## 696 | 130.0000 | 80.00000 | 0.5 |
| ## 697 | 136.0000 | 70.00000 | 0.0 |
| ## 698 | 122.0000 | 68.00000 | 3.0 |
| ## 699 | 170.0000 | 64.00000 | 0.5 |
| ## 700 | 110.0000 | 80.00000 | 2.0 |
| ## 701 | 140.0000 | 64.00000 | 0.5 |
| ## 702 | 132.0000 | 60.00000 | 0.5 |
| ## 703 | 132.0000 | 80.00000 | 0.5 |
| ## 704 | 138.0000 | 78.00000 | 0.0 |
| ## 705 | 144.0000 | 78.00000 | 0.0 |
| ## 706 | 112.0000 | 50.00000 | 0.5 |
| ## 707 | 140.0000 | 56.00000 | 0.0 |
| ## 708 | 102.0000 | 60.00000 | 1.0 |
| ## 709 | 120.0000 | 64.00000 | 0.5 |
| ## 710 | 136.0000 | 80.00000 | 0.0 |
| ## 711 | 130.0000 | 84.00000 | 0.5 |
| ## 712 | 116.0000 | 60.00000 | 1.0 |
| ## 713 | 110.0000 | 64.00000 | 0.5 |
| ## 714 | 130.0000 | 80.00000 | 0.5 |
| ## 715 | 170.0000 | 72.00000 | 0.5 |
| ## 716 | 98.0000 | 60.00000 | 0.5 |
| ## 717 | 98.0000 | 48.00000 | 1.0 |
| ## 718 | 126.0000 | 64.00000 | 0.5 |
| ## 719 | 130.0000 | 82.00000 | 0.0 |
| ## 720 | 146.0000 | 70.00000 | 0.5 |
| ## 721 | 124.0000 | 70.00000 | 1.0 |
| ## 722 | 140.0000 | 80.00000 | 1.0 |
| ## 723 | 150.0000 | 70.00000 | 0.0 |
| ## 724 | 164.0000 | 88.00000 | 0.0 |
| ## 725 | 180.0000 | 78.00000 | 0.0 |
| ## 726 | 148.0000 | 62.00000 | 2.0 |
| ## 727 | 120.0000 | 70.00000 | 0.0 |
| ## 728 | 120.0000 | 72.00000 | 0.5 |
| ## 729 | 140.0000 | 74.00000 | 0.5 |
| ## 730 | 140.0000 | 78.00000 | 0.0 |
| ## 731 | 130.0000 | 70.00000 | 0.5 |
| ## 732 | 112.0000 | 70.00000 | 2.0 |
| ## 733 | 200.0000 | 110.00000 | 0.5 |
| ## 734 | 140.0000 | 74.00000 | 0.0 |
| ## 735 | 120.0000 | 70.00000 | 0.0 |
| ## 736 | 152.0000 | 72.00000 | 0.5 |
| ## 737 | 132.0000 | 84.00000 | 0.5 |
| ## 738 | 160.0000 | 100.00000 | 0.5 |
| ## 739 | 150.0000 | 70.00000 | 0.5 |
| ## 740 | 122.0000 | 60.00000 | 0.5 |
| ## 741 | 110.0000 | 62.00000 | 0.5 |
| ## 742 | 120.0000 | 80.00000 | 1.0 |
| ## 743 | 140.0000 | 68.00000 | 0.5 |
| ## 744 | 178.0000 | 64.00000 | 0.5 |

```
summary(data)
```

| ## | Television | BoardGames | ArtsCraft | Write | Computer |
|----|-------------|------------|-------------|-------------|-------------|
| ## | Min. :1.000 | Min. :1.00 | Min. :1.000 | Min. :1.000 | Min. :1.000 |

| | | | | | |
|----|-------------------------|---------------------|---------------------------|----------------|---------------|
| ## | 1st Qu.:1.000 | 1st Qu.:3.00 | 1st Qu.:3.000 | 1st Qu.:3.000 | 1st Qu.:4.000 |
| ## | Median :1.000 | Median :4.00 | Median :4.000 | Median :4.000 | Median :4.000 |
| ## | Mean :1.358 | Mean :3.41 | Mean :3.549 | Mean :3.295 | Mean :3.624 |
| ## | 3rd Qu.:1.000 | 3rd Qu.:4.00 | 3rd Qu.:4.000 | 3rd Qu.:4.000 | 3rd Qu.:4.000 |
| ## | Max. :4.000 | Max. :4.00 | Max. :4.000 | Max. :4.000 | Max. :8.000 |
| ## | CurrentEvents | Memory | Judgement | Organization | |
| ## | Min. :1.000 | Min. :1.000 | Min. :1.000 | Min. :1.000 | |
| ## | 1st Qu.:1.000 | 1st Qu.:2.000 | 1st Qu.:2.000 | 1st Qu.:2.000 | |
| ## | Median :1.000 | Median :3.000 | Median :3.000 | Median :3.000 | |
| ## | Mean :1.984 | Mean :2.962 | Mean :2.883 | Mean :2.809 | |
| ## | 3rd Qu.:3.000 | 3rd Qu.:4.000 | 3rd Qu.:4.000 | 3rd Qu.:4.000 | |
| ## | Max. :8.000 | Max. :5.000 | Max. :5.000 | Max. :5.000 | |
| ## | RecallConvo | RememberUsingThings | Learning | FollowingStory | |
| ## | Min. :1.000 | Min. :1.000 | Min. :1.00 | Min. :1.000 | |
| ## | 1st Qu.:3.000 | 1st Qu.:3.000 | 1st Qu.:3.00 | 1st Qu.:3.000 | |
| ## | Median :3.000 | Median :3.000 | Median :3.00 | Median :3.000 | |
| ## | Mean :3.398 | Mean :3.352 | Mean :3.44 | Mean :3.314 | |
| ## | 3rd Qu.:4.000 | 3rd Qu.:4.000 | 3rd Qu.:4.00 | 3rd Qu.:4.000 | |
| ## | Max. :5.000 | Max. :8.000 | Max. :7.00 | Max. :8.000 | |
| ## | DecisionMaking | Arithmetic | Reasoning | GetAcrossRoom | |
| ## | Min. :1.000 | Min. :1.000 | Min. :1.000 | Min. :1.000 | |
| ## | 1st Qu.:3.000 | 1st Qu.:3.000 | 1st Qu.:3.000 | 1st Qu.:1.000 | |
| ## | Median :3.000 | Median :3.000 | Median :3.000 | Median :5.000 | |
| ## | Mean :3.339 | Mean :3.369 | Mean :3.318 | Mean :3.829 | |
| ## | 3rd Qu.:4.000 | 3rd Qu.:4.000 | 3rd Qu.:4.000 | 3rd Qu.:5.000 | |
| ## | Max. :5.000 | Max. :7.000 | Max. :5.000 | Max. :5.000 | |
| ## | Bathing | Eating | GetOutOfBed | MMSE_score | |
| ## | Min. :1.000 | Min. :1.000 | Min. :1.000 | Min. : 0.00 | |
| ## | 1st Qu.:1.000 | 1st Qu.:5.000 | 1st Qu.:4.056 | 1st Qu.:18.00 | |
| ## | Median :5.000 | Median :5.000 | Median :5.000 | Median :24.00 | |
| ## | Mean :3.654 | Mean :4.388 | Mean :4.056 | Mean :24.89 | |
| ## | 3rd Qu.:5.000 | 3rd Qu.:5.000 | 3rd Qu.:5.000 | 3rd Qu.:28.00 | |
| ## | Max. :5.000 | Max. :5.000 | Max. :5.000 | Max. :97.00 | |
| ## | Animal_fluency_score | Boston_naming_test | Construction_praxis_score | | |
| ## | Min. : 0 | Min. : 0.00 | Min. : 0.00 | | |
| ## | 1st Qu.: 8 | 1st Qu.:10.00 | 1st Qu.: 2.00 | | |
| ## | Median :12 | Median :13.00 | Median : 6.00 | | |
| ## | Mean :18 | Mean :16.65 | Mean :17.67 | | |
| ## | 3rd Qu.:17 | 3rd Qu.:14.00 | 3rd Qu.: 9.00 | | |
| ## | Max. :97 | Max. :97.00 | Max. :97.00 | | |
| ## | Del_word_list_memory | IMM_word_list_recog | Word_list_recognition | | |
| ## | Min. : 0.00 | Min. : 0.00 | Min. : 0.00 | | |
| ## | 1st Qu.: 1.00 | 1st Qu.: 3.00 | 1st Qu.: 7.75 | | |
| ## | Median : 4.00 | Median : 5.00 | Median : 9.00 | | |
| ## | Mean :10.74 | Mean :11.04 | Mean :15.87 | | |
| ## | 3rd Qu.: 6.00 | 3rd Qu.: 7.00 | 3rd Qu.:10.00 | | |
| ## | Max. :97.00 | Max. :97.00 | Max. :97.00 | | |
| ## | Wechsler_logical_memory | Fuld_object_memory | Benton_vis_retent | Weight | |
| ## | Min. : 0.00 | Min. : 0.00 | Min. : 0.00 | Min. : 71.0 | |
| ## | 1st Qu.: 7.00 | 1st Qu.: 6.00 | 1st Qu.: 2.00 | 1st Qu.:134.8 | |
| ## | Median :15.00 | Median : 8.00 | Median : 4.00 | Median :159.0 | |
| ## | Mean :23.39 | Mean :21.51 | Mean :24.96 | Mean :184.4 | |
| ## | 3rd Qu.:24.00 | 3rd Qu.: 9.00 | 3rd Qu.: 8.00 | 3rd Qu.:185.0 | |
| ## | Max. :97.00 | Max. :97.00 | Max. :97.00 | Max. :998.0 | |

```
##      Height      Pulse_obliteration_pressure      Vision      BPM
## Min.   : 39.0   Min.   : 78.0               Min.   : 20.0   Min.   : 37.00
## 1st Qu.: 62.0   1st Qu.:120.0               1st Qu.: 30.0   1st Qu.: 63.00
## Median : 66.0   Median :140.0               Median : 60.0   Median : 72.00
## Mean   :104.2   Mean   :166.9               Mean   :432.2   Mean   : 78.34
## 3rd Qu.: 69.0   3rd Qu.:152.0               3rd Qu.:997.0   3rd Qu.: 80.00
## Max.   :998.0   Max.   :998.0               Max.   :997.0   Max.   :998.00
##      SystolicBP      DiastolicBP      ADCDRSTG
## Min.   : 82.0   Min.   : 40.00   Min.   : 0.000
## 1st Qu.:120.0   1st Qu.: 64.00   1st Qu.: 0.000
## Median :132.0   Median : 70.00   Median : 0.500
## Mean   :138.7   Mean   : 76.57   Mean   : 1.085
## 3rd Qu.:150.0   3rd Qu.: 80.00   3rd Qu.: 1.000
## Max.   :998.0   Max.   :998.00   Max.   :97.000
```

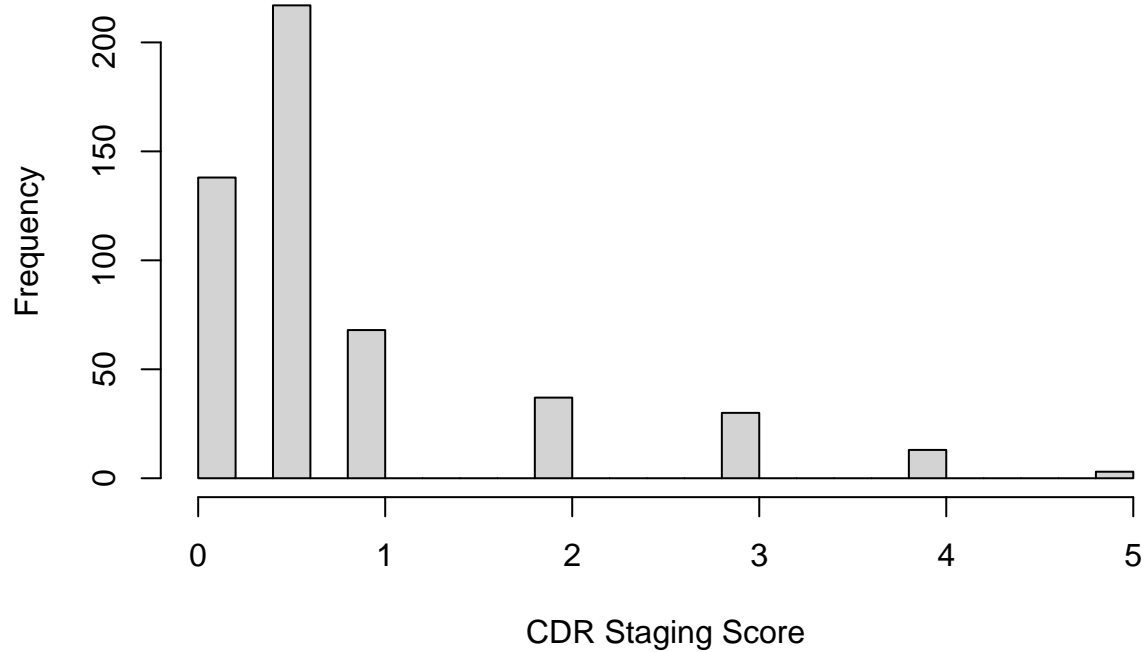
Split Data into Train and Test

```
split_data2 = splitdata(0.7, data)
train_data = split_data2[[1]]
test_data = split_data2[[2]]
test_data$ADCDRSTG = factor(test_data$ADCDRSTG,
                             levels = c(0,0.5,1,2,3,4,5))
```

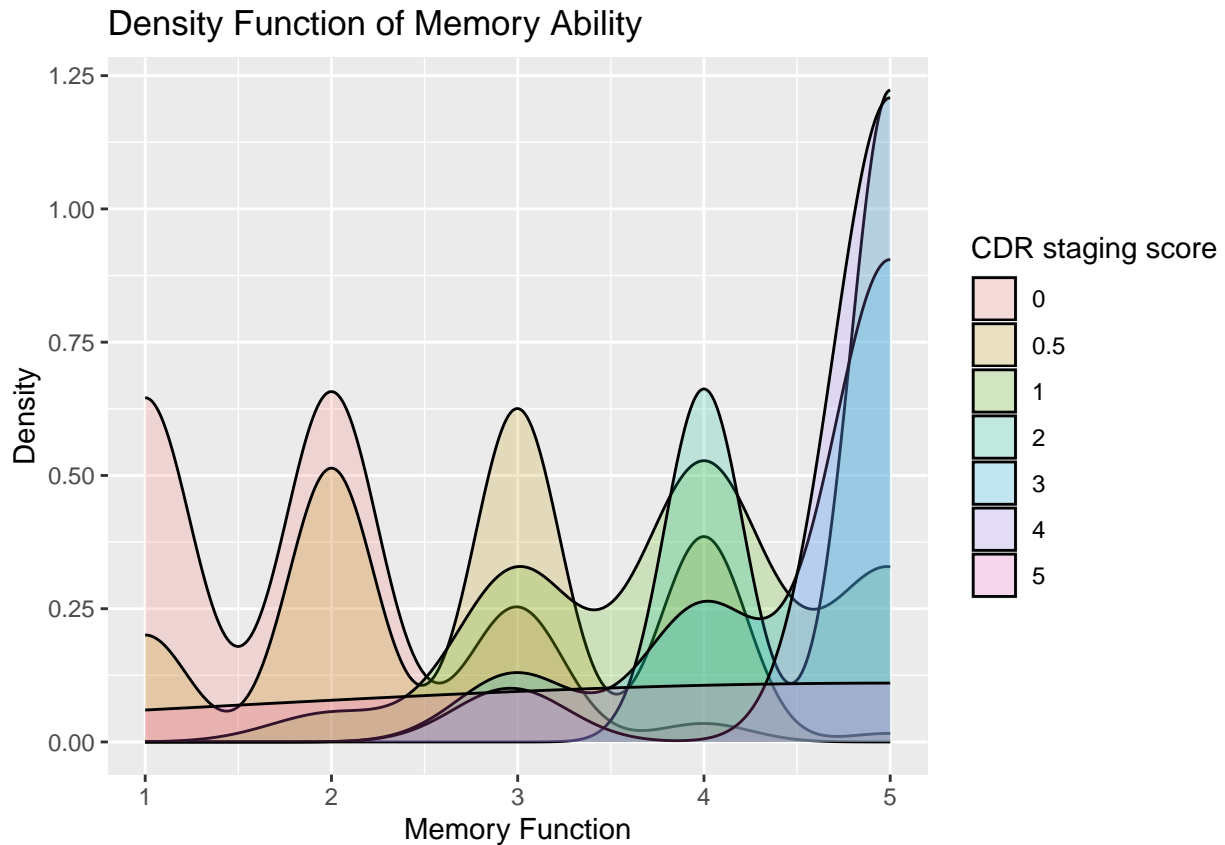
#EDA: Histograms/Density

```
train_data = filter(train_data, ADCDRSTG<6)
train_data$ADCDRSTG = as.numeric(train_data$ADCDRSTG)
hist(train_data$ADCDRSTG,
     main = "Frequency of CDR Staging Score",
     xlab = "CDR Staging Score",
     breaks = "FD")
```

Frequency of CDR Staging Score



```
# Memory Across CDR Staging score
train_data$ADCDRSTG = factor(train_data$ADCDRSTG,
                              levels = c(0,0.5,1,2,3,4,5))
no_NA = train_data %>% drop_na(ADCDRSTG)
density_plot_CDR = ggplot(data = no_NA, aes(x = Memory, fill = ADCDRSTG)) +
  geom_density(alpha = 0.2) +
  labs(title = 'Density Function of Memory Ability',
       x = 'Memory Function',
       y = 'Density',
       fill = 'CDR staging score')
density_plot_CDR
```



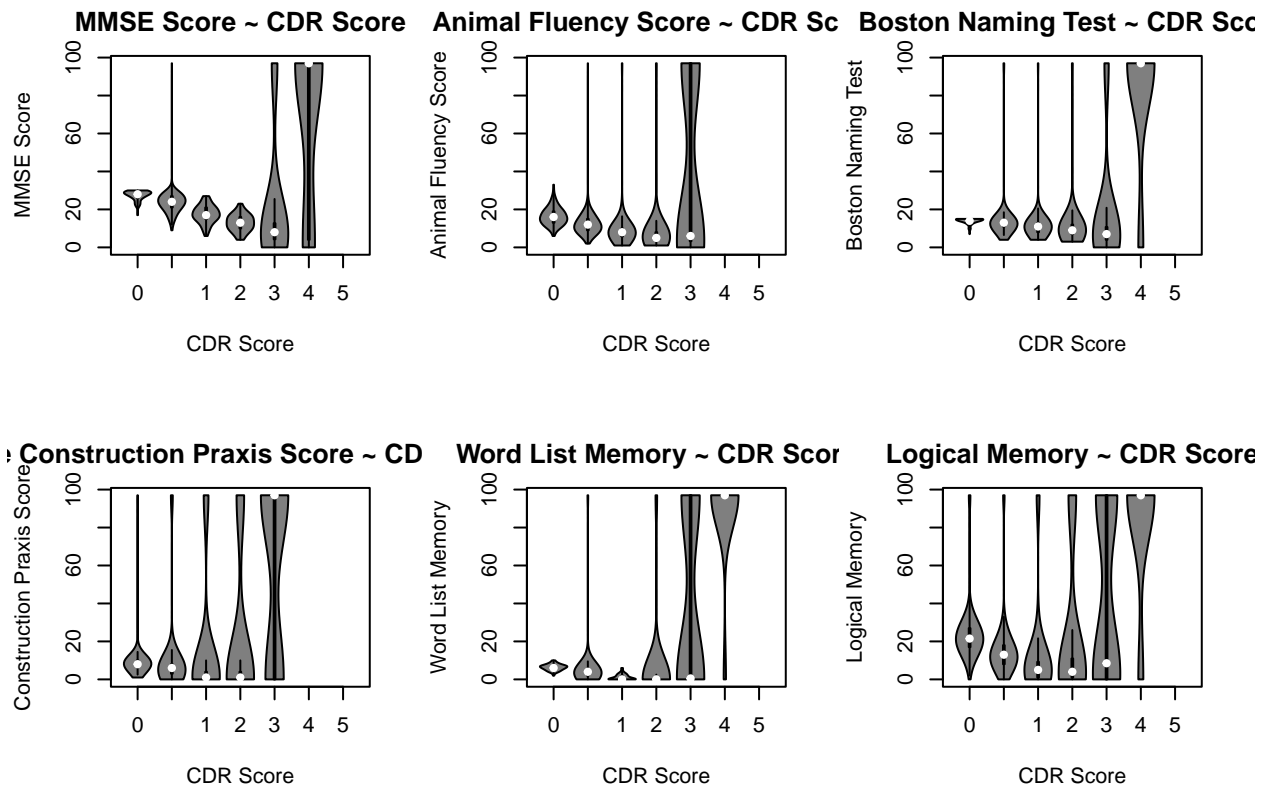
#Violin Plots

```
# Create subplot of 2 rows and 3 columns
par(mfrow = c(2,3))
# violin for MMSE_score
vioplot(MMSE_score~ADCDRSTG,
        data = train_data,
        xlab="CDR Score",
        ylab="MMSE Score")
title("MMSE Score ~ CDR Score", adj = 0.5, line = 1)
# violin for Animal fluency_score
vioplot(Animal_fluency_score~ADCDRSTG,
        data = train_data,
        xlab="CDR Score",
        ylab="Animal Fluency Score")
title("Animal Fluency Score ~ CDR Score", adj = 0.5, line = 1)
# violin for Boston_naming_test
vioplot(Boston_naming_test~ADCDRSTG,
        data = train_data,
        xlab="CDR Score",
        ylab="Boston Naming Test")
title("Boston Naming Test ~ CDR Score", adj = 0.5, line = 1)
# violin for Construction_praxis_score
vioplot(Construction_praxis_score~ADCDRSTG,
        data = train_data,
        xlab="CDR Score",
        ylab="Construction Praxis Score")
title("Title Construction Praxis Score ~ CDR Score", adj = 0.5, line = 1)
```

```

# violin for Del_word_list_memory
vioplot(Del_word_list_memory~ADCDRSTG,
        data = train_data,
        xlab="CDR Score",
        ylab="Word List Memory")
title("Word List Memory ~ CDR Score", adj = 0.5, line = 1)
# violin for Wechsler_logical_memory
vioplot(Wechsler_logical_memory~ADCDRSTG,
        data = train_data,
        xlab="CDR Score",
        ylab="Logical Memory")
title("Logical Memory ~ CDR Score", adj = 0.5, line = 1)

```



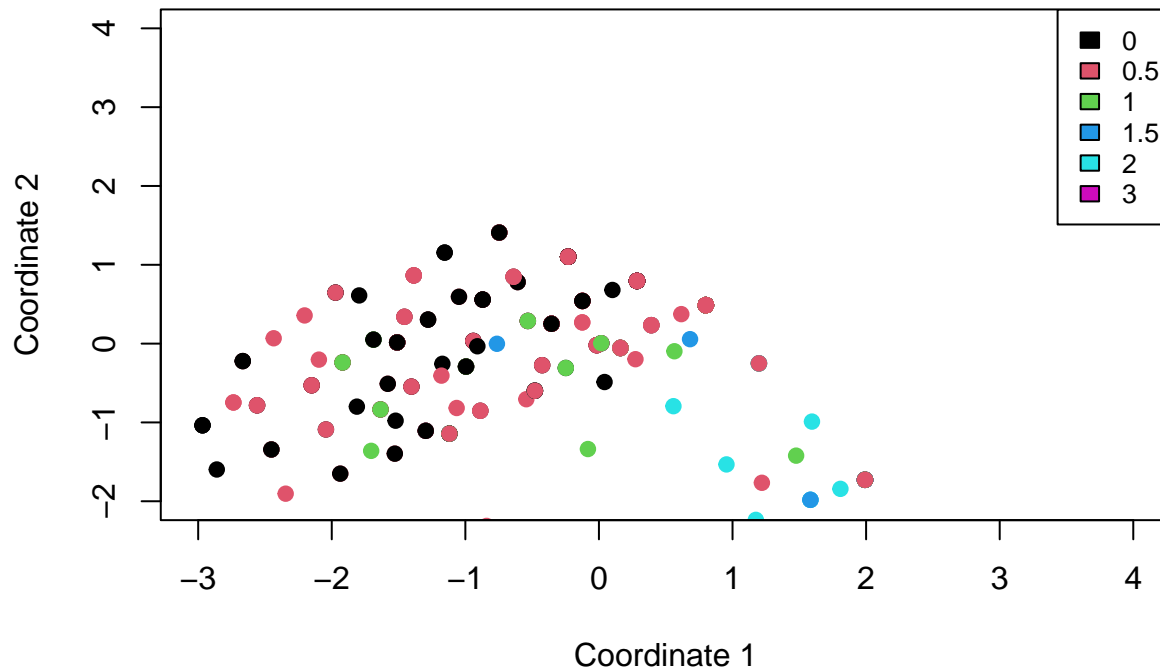
#EDA: Scatterplots

```

colors <- as.integer(as.factor(train_data$ADCDRSTG))
d <- dist(train_data[,1:4])
fit <- cmdscale(d,k=2)# k is the resulting dimension # Multidimensional Scaling
x <- fit[,1]
y <- fit[,2]
plot(x, y, xlab="Coordinate 1", ylab="Coordinate 2", main="Scatterplot of Multidimensional Scaled Data")
legend("topright", legend = c("0", "0.5", "1", "1.5", "2", "3"), fill = c("1", "2", "3", "4", "5", "6"))

```


Scatterplot of Multidimensional Scaled Data based on Severity



#EDA: Boxplot

#Physical Metrics - Boxplots

#train_phys = filter(train_phys, ADCDRSTG<6)

#train_phys\$ADCDRSTG = factor(train_phys\$ADCDRSTG, levels = c(0,0.5,1,2,3,4,5))

Remove outliers

sd_weight = 3*sd(train_data\$Weight)

weight_mean = mean(train_data\$Weight)

weight_no_out = filter(train_data,
 Weight <= weight_mean + sd_weight &
 Weight >= weight_mean - sd_weight)

sd_height = 3*sd(train_data\$Height)

height_mean = mean(train_data\$Height)

height_no_out = filter(train_data,
 Height <= height_mean + sd_height &
 Height >= height_mean - sd_height)

sd_pulse = 3*sd(train_data\$Pulse_obliteration_pressure,na.rm=TRUE)

pulse_mean = mean(train_data\$Pulse_obliteration_pressure,na.rm=TRUE)

pulse_no_out = filter(train_data,
 Pulse_obliteration_pressure <= pulse_mean + sd_pulse &
 Pulse_obliteration_pressure >= pulse_mean - sd_pulse)

sd_vision = 3*sd(train_data\$Vision,na.rm=TRUE)

vision_mean = mean(train_data\$Vision,na.rm=TRUE)

vision_no_out = filter(train_data,
 Vision <= vision_mean + sd_vision &
 Vision >= vision_mean - sd_vision)

sd_bpm = 3*sd(train_data\$BPM,na.rm=TRUE)

bpm_mean = mean(train_data\$BPM,na.rm=TRUE)

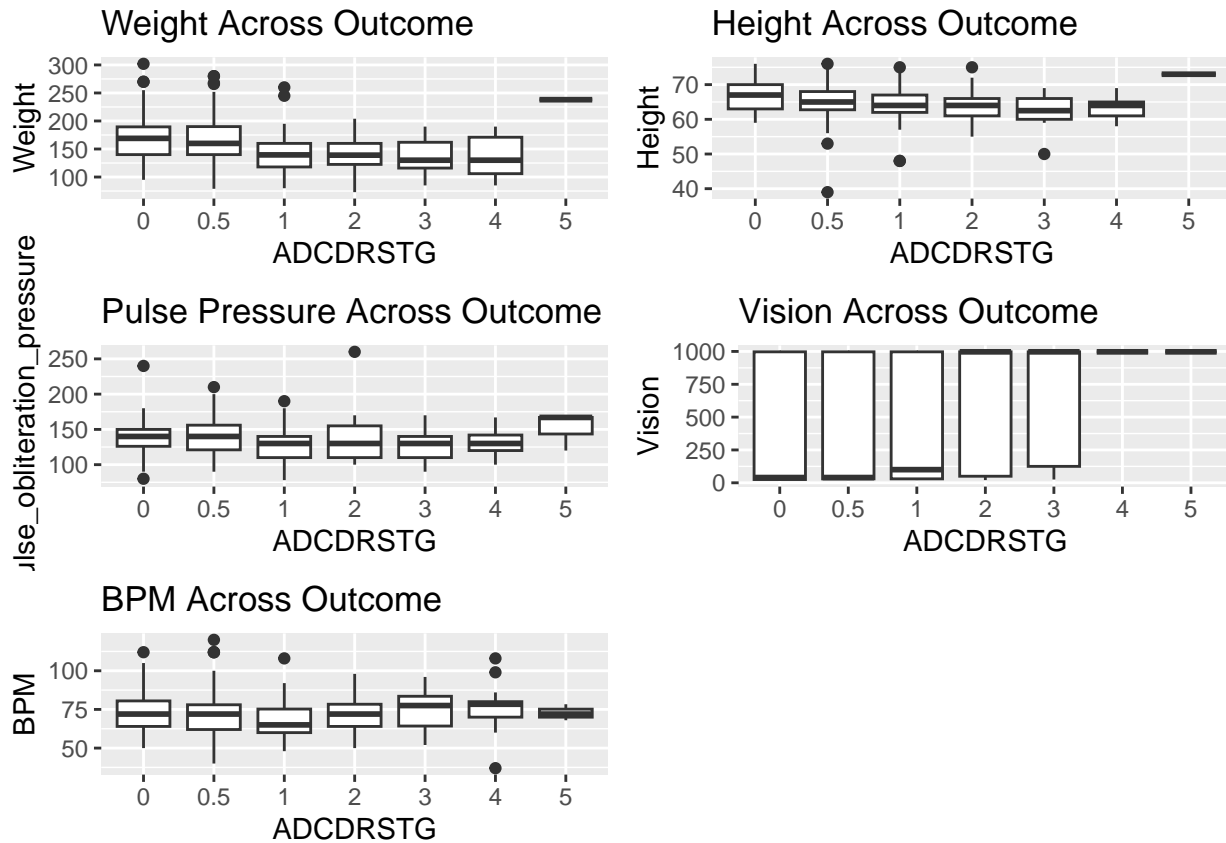
bpm_no_out = filter(train_data,
 BPM <= bpm_mean + sd_bpm &

```

BPM >= bpm_mean - sd_bpm)

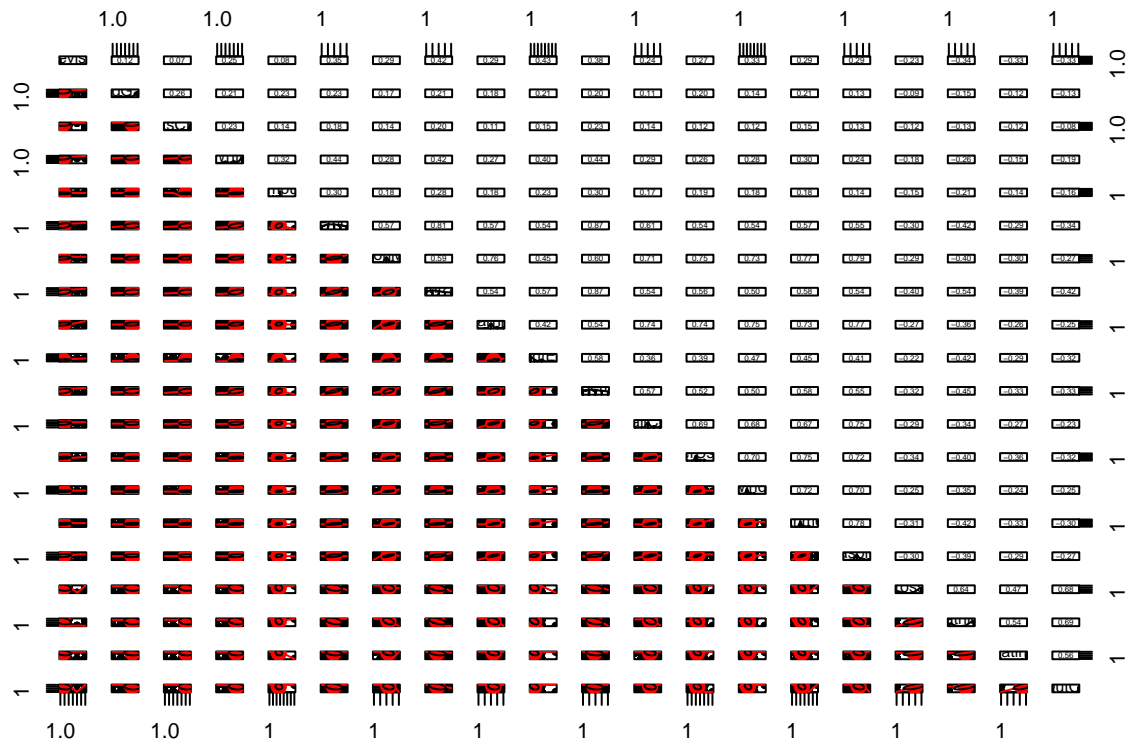
# Plot
boxplot_weight = ggplot(data = weight_no_out, aes(x=ADCDRSTG, y=Weight)) +
  geom_boxplot() +
  labs(title = "Weight Across Outcome",
        xlab="Outcome",
        ylab="Weight")
boxplot_height = ggplot(data = height_no_out, aes(x=ADCDRSTG, y=Height)) +
  geom_boxplot() +
  labs(title = "Height Across Outcome",
        xlab="Outcome",
        ylab="Height")
boxplot_pulse = ggplot(data = pulse_no_out, aes(x=ADCDRSTG, y=Pulse_obliteration_pressure)) +
  geom_boxplot() +
  labs(title = "Pulse Pressure Across Outcome",
        xlab="Outcome",
        ylab="Pulse Pressure")
boxplot_vision = ggplot(data = vision_no_out, aes(x=ADCDRSTG, y=Vision)) +
  geom_boxplot() +
  labs(title = "Vision Across Outcome",
        xlab="Outcome",
        ylab="Vision")
boxplot_bpm = ggplot(data = bpm_no_out, aes(x=ADCDRSTG, y=BPM)) +
  geom_boxplot() +
  labs(title = "BPM Across Outcome",
        xlab="Outcome",
        ylab="BPM")
grid.arrange(boxplot_weight, boxplot_height, boxplot_pulse, boxplot_vision, boxplot_bpm, ncol = 2)

```

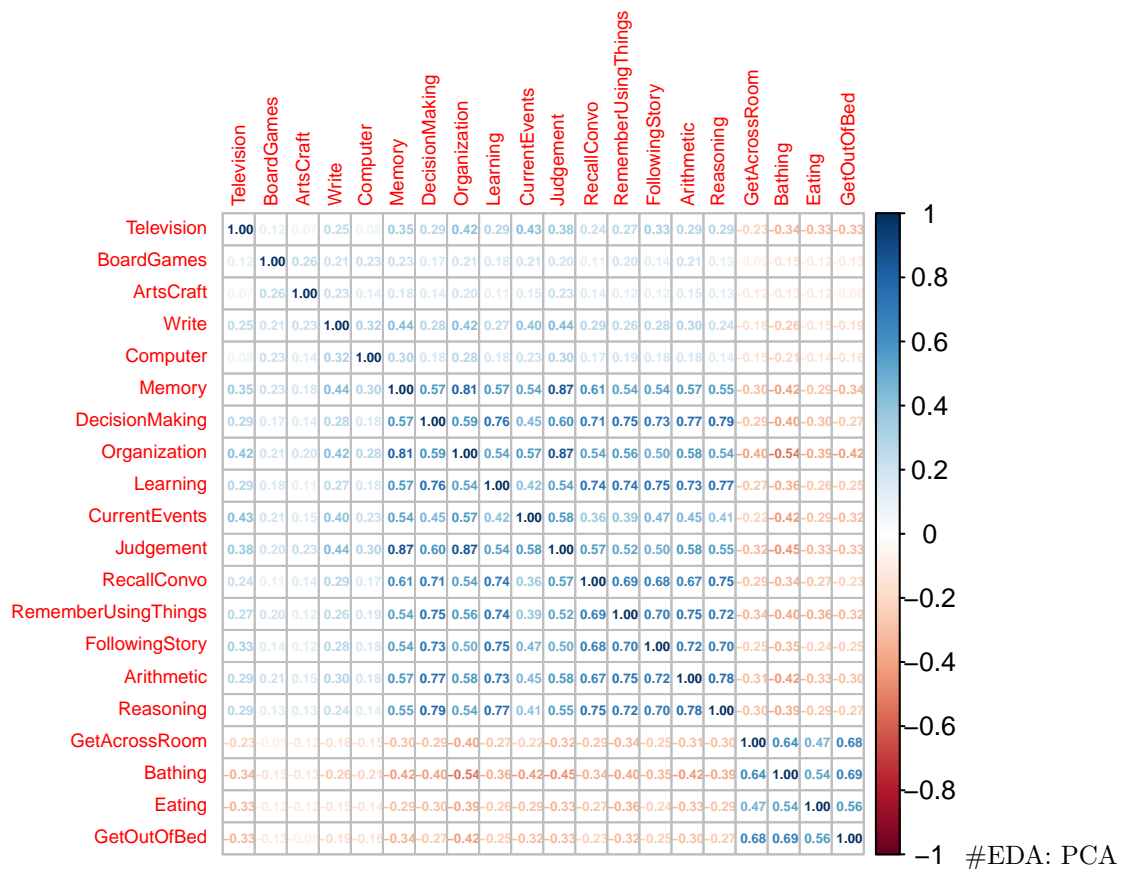


#EDA: Correlation

```
dailyactivities_noNA = train_data %>% drop_na(Television, BoardGames, ArtsCraft, Write, Computer, Memory)
dailyactivities_noNA$Television <- as.numeric(dailyactivities_noNA$Television)
dailyactivities_noNA$BoardGames <- as.numeric(dailyactivities_noNA$BoardGames)
dailyactivities_noNA$ArtsCraft <- as.numeric(dailyactivities_noNA$ArtsCraft)
dailyactivities_noNA$Write <- as.numeric(dailyactivities_noNA$Write)
dailyactivities_noNA$Computer <- as.numeric(dailyactivities_noNA$Computer)
dailyactivities_noNA$Memory <- as.numeric(dailyactivities_noNA$Memory)
dailyactivities_noNA$DecisionMaking <- as.numeric(dailyactivities_noNA$DecisionMaking)
dailyactivities_noNA$Organization <- as.numeric(dailyactivities_noNA$Organization)
dailyactivities_noNA$Learning <- as.numeric(dailyactivities_noNA$Learning)
dailyactivities_noNA$CurrentEvents <- as.numeric(dailyactivities_noNA$CurrentEvents)
dailyactivities_noNA$Judgement <- as.numeric(dailyactivities_noNA$Judgement)
dailyactivities_noNA$RecallConvo <- as.numeric(dailyactivities_noNA$RecallConvo)
dailyactivities_noNA$RememberUsingThings <- as.numeric(dailyactivities_noNA$RememberUsingThings)
dailyactivities_noNA$FollowingStory <- as.numeric(dailyactivities_noNA$FollowingStory)
dailyactivities_noNA$Arithmetic <- as.numeric(dailyactivities_noNA$Arithmetic)
dailyactivities_noNA$Reasoning <- as.numeric(dailyactivities_noNA$Reasoning)
dailyactivities_noNA$GetAcrossRoom <- as.numeric(dailyactivities_noNA$GetAcrossRoom)
dailyactivities_noNA$Bathing <- as.numeric(dailyactivities_noNA$Bathing)
dailyactivities_noNA$Eating <- as.numeric(dailyactivities_noNA$Eating)
dailyactivities_noNA$GetOutOfBed <- as.numeric(dailyactivities_noNA$GetOutOfBed)
var_daily = dailyactivities_noNA %>% dplyr::select(Television, BoardGames,ArtsCraft,Write,Computer,Memory,
Learning, CurrentEvents, Judgement, RecallConvo, RememberUsingThings, FollowingStory,
Arithmetic, Reasoning, GetAcrossRoom, Bathing, Eating)
pairs.panels(var_daily)
```



```
cor = cor(var_daily)
corplot_dailyactivities = corrplot(cor, method = "number", tl.cex = .6, number.cex = .4)
```



```

# Convert to numeric
train_data <- train_data %>% mutate_if(is.integer, as.numeric)
# Calculate principal components
pca <- prcomp(train_data[, 1:37], center=TRUE, scale=TRUE)
names(pca)

## [1] "sdev"      "rotation" "center"    "scale"     "x"

dim(pca$x)

## [1] 506  37

pca$x

##           PC1          PC2          PC3          PC4          PC5
## [1,] -2.832354622  1.988520588  6.427481e-01  0.608201796 -0.046780507
## [2,] -1.684627222  0.958061809  2.245849e-01  0.093202858 -0.198033503
## [3,] -2.869389647  1.765196937 -1.582594e+00 -1.614968010 -0.665391817
## [4,] -2.407392226  0.968937869 -2.450965e+00 -2.647333232 -1.124112926
## [5,] -0.015767896 -1.305947935 -7.476116e-01  0.273015376  0.307343981
## [6,]  3.440640659 -2.283985834  2.045081e+00 -1.621332168 -5.888145370
## [7,] -0.417126739  0.863372396  8.568299e-01 -0.053590918  0.765318561
## [8,] -2.036174779  0.637465751 -1.248408e-01 -0.181007074  0.366938530
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## [13,] -2.746190628  1.081688078 -7.278927e-01 -0.700650232  0.288789132
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## [398,] 10.533722467 5.064323105 -2.127323e+00 -1.081743757 2.395708895
## [399,] -1.341060664 -0.285625030 -8.987873e-02 -0.114764156 0.343086725
## [400,] 0.094946052 -0.433747802 -3.795954e-02 0.635739880 -0.545487703
## [401,] -3.348737184 1.278471711 8.742242e-01 2.008475381 -0.444921530
## [402,] 4.503855278 -3.507744429 3.403253e+00 -1.886465805 -7.156963346
## [403,] -2.679627653 1.113447001 -9.852490e-01 -1.327458148 0.337572644
## [404,] -0.339254994 -1.109562941 -2.008819e-01 -0.390055700 0.956680581
## [405,] -3.834829029 2.965610707 1.729392e+00 1.301297038 -0.095550981
## [406,] -2.371476532 -0.170513394 -3.855575e-03 0.175427612 0.543403397
## [407,] 9.155866887 2.976083828 -4.041606e-01 -0.519119587 1.254295279
## [408,] -1.499683322 -0.645711786 5.655613e-02 0.496612999 0.148091270
## [409,] -2.657511883 0.675474696 -6.903421e-01 -0.091932003 0.367366296
## [410,] -2.604093263 1.076310270 -1.418248e+00 -1.494982308 -0.848140912
## [411,] -3.033948065 0.595305571 -1.072044e+00 -1.570994076 -0.158994345
## [412,] -1.888400261 0.248446505 -2.991296e-01 -0.325343744 0.867427846
## [413,] -1.953639963 0.141325432 -3.206147e-01 0.322910445 0.163709805
## [414,] -3.286769782 1.305335743 1.340284e+00 0.975113105 0.307045379
## [415,] -1.851464497 -0.341162459 -5.222652e-01 0.201099818 0.411493909
## [416,] -1.890427397 0.551611150 -5.358454e-01 -0.300704921 -0.225329338
## [417,] -1.948804920 -0.434654807 3.531379e-01 0.490535375 0.639565417
## [418,] -1.102410201 -0.609253709 -1.169521e+00 0.243574641 0.351422521

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## [419,] -2.367468539 0.577662244 -2.828685e-01 -0.074863724 0.366581569
## [420,] -2.425615685 0.203580759 -9.867923e-01 -0.475534881 0.088537201
## [421,] -0.426341063 -0.102918531 1.527637e+00 1.217929929 0.631419911
## [422,] -1.590147846 -0.929420518 9.172206e-01 0.530647438 -0.875622086
## [423,] -2.054855262 0.398411878 -8.187640e-02 0.267744956 0.241276770
## [424,] -1.627456659 -0.174372507 -3.960724e-01 -0.387324741 0.189265030
## [425,] -3.025309943 1.392470040 -1.545664e+00 -1.497986327 -0.442248524
## [426,] -2.597203860 0.362752912 -2.067777e-01 -0.194668232 0.473239714
## [427,] -1.949691129 0.114349963 3.395810e-03 0.033004964 0.645468876
## [428,] -0.803316511 -1.252183084 -4.311521e-02 0.056919874 0.375545082
## [429,] 0.700683793 0.361546145 2.109961e+00 2.150406572 -0.681547365
## [430,] -1.954060221 -0.030185821 -3.480022e-01 0.080586602 0.231460187
## [431,] -1.803213817 -0.440657849 1.689153e-01 0.221527627 0.817920639
## [432,] -0.562523946 -1.992486668 -1.853067e+00 -0.679396823 -0.119767440
## [433,] -1.491838759 -0.354678478 4.274556e-01 -0.183094740 0.737679858
## [434,] 2.153359705 -4.415989395 -2.017901e+00 -0.963365117 0.608505248
## [435,] -2.123147392 0.606658324 1.959161e-01 -0.329896237 0.712411214
## [436,] -2.075728437 0.724773783 -4.809099e-01 -0.255324532 0.648859044
## [437,] -0.972715324 -1.123800361 -5.990471e-01 -0.095603744 -0.212975936
## [438,] 5.153876862 4.255832016 3.540919e+00 -3.888592196 -6.351263498
## [439,] -3.097373607 1.610861201 -4.746017e-01 0.418114900 0.092447621
## [440,] 2.495755998 -0.437446848 2.059638e+00 0.976988878 0.290666135
## [441,] -2.658588392 0.893718648 -1.097962e+00 -1.214070997 0.199641564
## [442,] 1.946005647 1.652966602 2.676283e+00 2.182030951 -0.254717570
## [443,] -1.180700594 0.470498633 -1.082011e-01 1.152420388 -0.482020899
## [444,] -1.764484612 0.378123504 -1.867840e-01 -0.019321416 0.899074982
## [445,] -3.369167889 0.647781532 7.791357e-01 -0.600857091 0.492911060
## [446,] -4.346274285 2.403224291 2.400832e+00 1.201235062 0.356533835
## [447,] -1.516883758 -0.087233801 7.142188e-01 1.490356423 -0.132572513
## [448,] -2.647313000 0.996764099 -1.237899e+00 -1.295798684 0.156334885
## [449,] -2.469821826 0.639033136 -5.256326e-01 -0.392226112 0.420413530
## [450,] -0.936336501 -0.539829858 -1.341237e+00 -0.062430091 0.507822247
## [451,] -1.869330012 -0.079412377 -1.387897e-01 0.294176977 0.601621111
## [452,] -1.616560223 0.259661731 -1.449038e-01 0.291465726 -0.267444936
## [453,] -2.568307934 1.257285748 -1.276489e+00 -1.061837319 -0.420405662
## [454,] 1.955136774 3.830113964 1.565764e+00 0.679922926 0.371927362
## [455,] -2.623916332 0.009290701 -1.043038e-01 -0.092998043 0.644989511
## [456,] -1.964424826 0.348024541 -5.702737e-01 -0.377372297 0.286385381
## [457,] -2.917828080 1.534186121 -1.524529e+00 -1.130306975 -0.009917062
## [458,] -4.567443611 2.877560822 1.624916e+00 1.299241297 0.265611035
## [459,] -1.833200958 0.040404764 -3.166618e-01 0.313175182 0.410883764
## [460,] -1.741546119 0.287582654 -4.641706e-01 -0.551242893 0.277336070
## [461,] -0.727241300 -0.616576712 2.967337e-01 0.110137765 0.084496125
## [462,] -1.419365076 -1.069295978 -6.567299e-01 -0.351193511 0.508279116
## [463,] -2.105019419 0.300897318 -4.235212e-01 -0.121123826 0.409945183
## [464,] -2.762288994 0.591871832 -1.347439e+00 0.114147741 -0.654491500
## [465,] 1.685688048 -1.868173890 -2.372341e+00 0.141963082 0.094371778
## [466,] -2.706209914 0.378290143 -3.206758e-01 -0.092690590 0.367637412
## [467,] -1.103814601 -0.381777942 -6.675848e-04 0.060585687 0.956171016
## [468,] -0.787290997 -0.724478414 -7.924611e-01 -0.172065386 0.126080967
## [469,] 0.687181861 -2.149805101 -7.995916e-01 0.298414551 0.633382614
## [470,] -2.055572535 0.771278479 -1.468062e+00 -0.568606182 -0.280682742
## [471,] -1.914122946 -0.221125898 -9.664602e-03 -0.119882244 1.156426154
## [472,] 3.329865961 -1.120343683 1.441208e+00 0.574917945 0.693923329

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## [473,] -2.299336584 0.622487123 -7.609253e-01 -0.580847149 0.454425573
## [474,] -2.594014874 0.921057446 -6.239529e-01 -0.324353640 0.540179106
## [475,] 7.055354287 3.539552907 3.487767e+00 -0.758522977 -1.443650768
## [476,] 5.271709032 -4.172759728 5.111306e-01 1.174404183 -0.090064900
## [477,] -0.884137802 0.454030843 1.498592e+00 0.542794641 0.836177828
## [478,] -5.924280918 3.604794451 2.226595e+00 1.271073072 -0.118260406
## [479,] -1.277511961 1.005632047 8.174567e-01 1.522658989 -0.402858655
## [480,] -1.889890254 -0.233955608 3.800267e-01 -0.041596292 1.106929417
## [481,] -2.131290867 0.756356466 -5.659376e-01 -0.735016399 0.352884725
## [482,] 1.385625567 -0.589604625 2.550829e+00 1.809074371 -1.560184251
## [483,] 0.735005163 -0.338711009 2.014627e+00 1.941475640 -0.613611861
## [484,] 2.324693858 -0.971418561 2.268325e+00 2.048762676 -1.570583989
## [485,] -1.862663752 -0.111372938 -4.208086e-01 -0.188145812 0.234652936
## [486,] -2.339464399 0.283331851 -7.887808e-01 0.342908007 0.316312754
## [487,] -4.736748198 2.478594884 1.653857e+00 -0.403330288 0.225341845
## [488,] -1.665368842 -0.576390850 6.958786e-01 -0.039458243 0.327922537
## [489,] -2.755060929 0.963774080 -7.800309e-01 -1.102271639 0.390518257
## [490,] 1.030764468 -3.067965056 -1.160939e+00 -0.249055186 0.416545299
## [491,] 0.431966020 -2.103206824 -1.918454e-01 0.299373118 0.508476358
## [492,] -1.310940602 -0.935191853 -3.508900e-01 0.046025459 0.153094087
## [493,] -0.668054978 0.942234845 1.168065e+00 1.272420043 -1.132872123
## [494,] -2.644935833 1.240624736 -1.316396e+00 -0.399640383 0.028398597
## [495,] 0.354574222 -1.665387701 -7.952148e-01 0.157528233 0.046547175
## [496,] -0.902824942 1.397444462 1.130944e+00 1.563608045 -0.994332621
## [497,] -1.985840703 0.167265592 6.028560e-01 0.185180671 -1.291079773
## [498,] -4.942667762 2.515223947 1.413086e+00 2.590056865 -0.516428168
## [499,] -2.190145349 0.405548946 -5.141496e-01 -0.019260047 0.617732958
## [500,] -2.439063631 0.823462793 -8.248330e-01 -1.147049901 0.217036389
## [501,] -2.418656799 0.687268891 -1.226770e+00 -0.644298984 0.326343057
## [502,] -2.253286648 0.166212712 -7.256006e-01 0.533446687 0.113457760
## [503,] -0.679944651 -0.786819173 -5.825823e-01 0.186812042 0.725179057
## [504,] -0.743646377 -1.245230104 -1.104102e-01 0.053965870 0.484550416
## [505,] 0.731314581 -0.691080278 6.600455e-01 1.631078750 0.189666392
## [506,] 0.477383125 -1.301738687 -2.540131e-01 0.912672145 0.284485480
##
##          PC6          PC7          PC8          PC9          PC10
## [1,] 0.400490147 -1.5942317612 0.5368304926 0.632479822 -0.730877984
## [2,] -1.144093048 -0.1633961858 -0.8970497762 0.429041410 0.298481029
## [3,] 1.833199465 -0.6119219501 -0.9043909868 0.539574185 1.276735099
## [4,] 3.726674297 2.1342846661 -6.5631601125 -1.630591901 -12.475843015
## [5,] -1.436446823 0.5111909586 0.2044496105 -0.068821962 0.141487670
## [6,] -0.153640354 -3.4409556160 1.6660168941 -0.201149370 -0.552035905
## [7,] -1.372933521 1.5503487196 0.5993107515 2.161915340 -0.304480192
## [8,] -0.585527760 -1.1218020226 0.4161229167 0.748060786 -1.253618330
## [9,] 2.315067552 -1.7956267623 -0.0179709075 1.511755869 -0.032033766
## [10,] 1.777000258 -0.7030867284 -0.3511405156 0.944442659 0.247101925
## [11,] 1.138855869 -0.3387023701 -1.6334268929 0.031014011 0.230116469
## [12,] 1.273531693 0.9498077370 -0.5565608911 0.064924990 0.929716084
## [13,] 0.851335824 0.3335542031 0.8400579283 0.099794874 -0.245830363
## [14,] -0.131617645 1.4501532286 -0.7439296337 0.679900873 0.488145146
## [15,] -1.059789072 -0.8297580501 -0.0101622646 0.143727935 -0.016959943
## [16,] -2.466709423 -1.5775822407 0.3578018670 0.659644897 -0.089009704
## [17,] 0.340675084 -1.4085532268 -0.2847646951 0.896628506 -0.086742106
## [18,] -1.587223886 0.1141209850 0.2949441703 -1.448273093 0.084082522
## [19,] -1.784863895 -1.5258446005 -0.5432965523 -0.914599984 0.403360003

```

```

## [20,] -0.375332621  0.2418565598  0.7742051909 -0.223112790 -0.345527127
## [21,] -0.962320347 -0.9568866387  0.3490495184  0.767176087 -0.626800854
## [22,] -0.087447741 -1.3978751820 -0.5756846362  0.094113104 -0.683669584
## [23,] -0.890263878 -0.8310083589  0.1386070256 -0.293727590  0.113206270
## [24,] -0.052194911 -0.9292995261 -0.3061686495 -0.856809412 -0.113044706
## [25,]  1.791395823 -0.9141133291  1.4547408088  0.745224687  0.039898904
## [26,] -2.056086594  3.3461310201 -0.6125888612  2.713669008 -0.318167934
## [27,] -2.802958085 -0.8878221860 -1.1120804838  0.469657469 -0.657331672
## [28,]  0.157954395 -0.2392551157  1.4345344173  0.604907565 -1.026089866
## [29,] -0.359680975 -0.5771399194 -0.1778868809 -0.248474022  0.281742862
## [30,]  0.571106438 -0.4136202784  0.1769929608  1.520416343 -0.298678933
## [31,]  0.577502990  0.0617117647  0.6893462587 -0.546052755 -0.048746573
## [32,]  0.710769986  0.4028266979  0.6459457644 -0.205608806 -0.347234704
## [33,] -0.413747837 -0.6184649192 -0.6082460677  1.534470654  0.023715525
## [34,]  2.458044660 -1.3721752893 -1.5248067806 -2.399795617  0.916182312
## [35,] -2.005610361 -0.5765899650 -0.9645225868 -0.302297133 -0.022202450
## [36,]  3.246249547 -1.9642450823 -0.2083415131 -0.216760953  0.857871646
## [37,] -0.313019608 -1.2380568031  0.6955477972  0.216357258 -0.548892037
## [38,] -1.436546765 -1.0031329624 -0.3333442412 -0.272887765 -0.209736219
## [39,]  1.968448768 -1.5872327636  1.0325518008  0.874212658 -0.639757809
## [40,] -1.050802986 -0.6076627535 -0.2856338415  1.905492733 -0.277088797
## [41,] -1.224642327  0.3911369993  0.7448484823 -0.977463230  0.013007088
## [42,]  0.241288614 -1.1794158022  0.5345585395  0.734777316 -1.110091088
## [43,] -0.151668990 -1.5089996023 -1.0191392038 -0.435743621 -0.100345125
## [44,] -0.257417318 -0.2706152844  0.4533914944  0.304315281  0.306073393
## [45,] -0.932005211  0.4539655974  0.9570272149 -0.654045458 -0.064930342
## [46,]  0.756443525 -0.9875146636 -1.1327028089 -0.246228943 -0.070905885
## [47,] -0.646917665 -0.8189213442  0.1505088676 -0.264412783 -0.018607579
## [48,] -0.216290926 -0.6470259489 -0.7619379123 -2.300096374  0.740456786
## [49,] -1.166898550 -1.2456406011 -0.3515019100  0.277868260 -0.413643425
## [50,]  0.717879389 -0.4624999555 -0.9680849665  0.050225307  0.067046927
## [51,]  2.411964995  3.1020084071  1.5796938926 -1.531117184  0.114658285
## [52,]  0.668517525  1.1214241118 -1.4684947354  1.805015906  0.874010562
## [53,] -0.905566036 -0.7355384829 -0.5450742543 -1.088727290  0.554141660
## [54,]  0.267514462 -0.5985907928 -0.5376420904  0.940692204  0.445912375
## [55,] -1.154830626 -1.7777436794  1.9824648774 -2.081483272 -0.459999209
## [56,]  1.523861226  2.8885984651  0.0146128908 -0.579558663  0.057036462
## [57,] -1.075405433 -0.8289477173  0.3139370955 -0.308833442 -0.125847953
## [58,] -0.277084216  0.1970391300  0.4187716858 -0.543025049 -0.546468612
## [59,]  1.415378637  0.5984652473 -0.4455005257 -0.740247162  0.299522328
## [60,] -0.896944455  0.4063527433  0.6283417381 -0.461890227 -0.476895888
## [61,]  1.240771364  0.8361950399 -0.2258766900  2.133452658  0.174365947
## [62,]  0.147575288  1.4144145455 -1.4288548467  0.987287349  0.070598774
## [63,]  2.497876417 -0.8402240561  1.1825743529 -1.033996647 -0.280500046
## [64,] -0.658601012 -0.0831556825 -1.7031067202  0.458080200  0.173779553
## [65,]  1.226057812 -0.3347643002  1.2364754093 -0.864650446 -0.078437110
## [66,] -1.331810466 -0.7547016759 -0.7190069914 -0.317769181 -0.179397656
## [67,]  1.309613515 -0.1923891437  0.7286748697  0.331681224  0.312746796
## [68,] -0.286059938 -1.0162951402  0.7920696081 -0.051724878  0.073153695
## [69,] -0.880250263  0.0816271165  0.5728741804 -0.231030565 -0.619672255
## [70,]  0.072113711 -0.3374940486  0.5763771456 -1.646049227  0.110857940
## [71,]  1.465866896 -1.3108753182  0.1383881912 -0.063184362 -0.251497037
## [72,] -1.756376215 -0.5047714094  0.0448048480 -0.346418374  0.264414908
## [73,] -2.401209753  1.2239626762 -2.4074376078  3.008509178  0.360696670

```

| | | | | | | |
|----|--------|--------------|---------------|---------------|--------------|--------------|
| ## | [74,] | 0.360884768 | 0.1059193456 | -1.3986430485 | -0.568028723 | 0.764841758 |
| ## | [75,] | -0.448150149 | -0.5769243140 | -0.2622876996 | -0.010082403 | -0.155210642 |
| ## | [76,] | 0.917715457 | -0.5668640188 | 1.0727584320 | -2.034262245 | -0.454764023 |
| ## | [77,] | -0.555591448 | -0.6065847630 | -0.6324943244 | -0.532652806 | 0.848638250 |
| ## | [78,] | 2.253988210 | -1.3305683448 | -0.1931178755 | -1.087195322 | 0.342745164 |
| ## | [79,] | 1.203791406 | 0.5202894798 | 0.0540859570 | 1.780072133 | -0.068668575 |
| ## | [80,] | -0.061637952 | -0.7851240171 | -1.6515698558 | 0.368455636 | 0.439269249 |
| ## | [81,] | -0.930741377 | 0.7929817253 | -1.1205887225 | 2.344166556 | -0.187876594 |
| ## | [82,] | -1.159038642 | 0.3546246161 | -0.2242354040 | 1.978296028 | 0.069011166 |
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## [479,] 2.012542612 -0.5432591415 1.3189301160 0.525142354 -0.533114851
## [480,] -0.817429215 -0.1109433778 1.0389106663 -0.240259998 -0.168376747
## [481,] 0.289416976 0.6300426978 -0.1196774607 0.099255932 0.291042882
## [482,] 2.590406872 4.0779601378 1.4142948712 -0.041024690 0.271971993
## [483,] 0.597763798 -0.3779765135 -0.0980540285 0.412086820 -0.131714614
## [484,] 2.153899844 3.2708233589 0.9416778561 -2.430497694 0.541029344
## [485,] -0.449868748 -0.1086306096 1.3326000821 -0.101576976 -0.555322036
## [486,] -0.133843794 0.0645111722 1.0962062173 0.006623703 -0.578637044
## [487,] -0.658313297 0.4175636046 -1.2997964149 -0.537028940 1.649708223
## [488,] 0.661875804 0.1650708501 0.2508763640 -1.332928264 0.524694809
## [489,] 0.884589056 -0.4119449734 1.2547959978 0.842523593 0.285083743
## [490,] -1.178280625 0.7620774766 -0.0632840443 -1.591198643 0.351690390
## [491,] -0.434021685 0.4414799193 -0.0914678251 -0.960719428 0.233971298
## [492,] -1.002401426 0.1798185082 0.8527956365 -0.309049168 -0.555110175
## [493,] 2.219796068 0.6303808305 -0.6333163161 0.185753123 0.624322871
## [494,] 0.541158689 0.1439643006 0.7898341338 1.041510338 0.023268316
## [495,] 0.333083697 0.3906422656 0.7347282602 -0.976178962 -0.115712675
## [496,] 3.026089149 -0.6871246074 0.7793118804 -0.377028147 -0.308511970
## [497,] 0.471060156 3.8065509545 2.0920628933 -1.264887863 -0.119531182
## [498,] -2.502261645 0.2925105810 0.0003575769 -0.251980650 -0.401071747
## [499,] -0.273109273 0.2969738491 0.5559925067 0.211855898 -0.215293250
## [500,] 0.872549995 0.1966155412 0.1793910758 -0.220388641 0.463963134
## [501,] 0.674667721 0.2173516036 0.2359055830 0.341859157 0.767925204
## [502,] -0.608218310 0.0324747176 0.8764470841 0.178928447 -0.808351556
## [503,] -1.028828820 0.9687741524 0.6648157217 0.433727103 -0.761381947
## [504,] -1.139664550 0.7745179333 -1.1268396000 -1.171455453 0.751600834
## [505,] 0.930040516 -0.4506978887 0.7795573291 -0.919828544 -0.173466553

```

| | | | | | | |
|----|--------|---------------|---------------|---------------|---------------|--------------|
| ## | [506,] | -0.673915979 | 1.2875615259 | -0.1303486202 | 0.327594036 | 0.217920020 |
| ## | | PC11 | PC12 | PC13 | PC14 | PC15 |
| ## | [1,] | -0.1617560263 | -0.3026913954 | -0.710306095 | -7.194085e-01 | -0.613768817 |
| ## | [2,] | -1.0374793211 | -1.1323405959 | -0.985625408 | 8.671894e-01 | -0.918225864 |
| ## | [3,] | -1.7293585624 | -0.4590897455 | -0.216441891 | 1.578165e-01 | -0.206463094 |
| ## | [4,] | -1.9773658351 | 2.2973793370 | 1.377908361 | -3.054225e-01 | 1.449003967 |
| ## | [5,] | -0.1816141911 | 0.4370301304 | 2.323163037 | 1.604381e-01 | -0.681884020 |
| ## | [6,] | 0.9752708363 | 0.9917743405 | 0.826171349 | 1.227294e-01 | -1.911629647 |
| ## | [7,] | -0.1166798300 | 0.1896755488 | -0.950678962 | 6.342273e-01 | 0.709826867 |
| ## | [8,] | -0.1707788952 | -1.3198073100 | 0.292418966 | 1.602633e-01 | -1.041397788 |
| ## | [9,] | -0.2341311956 | -1.7185174003 | 3.687933974 | 1.802466e-01 | 0.101086527 |
| ## | [10,] | 2.3474176954 | -0.8990665071 | -0.181797338 | -1.540621e+00 | -0.969412926 |
| ## | [11,] | 0.8745713800 | -1.8905325246 | -0.252831785 | 7.976874e-01 | -0.847466317 |
| ## | [12,] | 1.2447567120 | -0.7724772263 | -0.281855923 | 8.163559e-01 | -0.251377995 |
| ## | [13,] | 0.1080437389 | -0.2125238829 | -0.364514980 | 1.111425e+00 | -0.278734602 |
| ## | [14,] | 0.0457587943 | 0.7178253058 | -0.593730598 | 1.228455e-02 | 1.338614455 |
| ## | [15,] | -0.4288155601 | -1.3247012503 | -0.104973888 | 4.134215e-01 | -0.741286394 |
| ## | [16,] | -0.3737889045 | 0.3366438376 | 2.175143008 | -5.727222e-01 | -0.489886101 |
| ## | [17,] | -0.2003809202 | -0.7616976412 | -0.261743394 | -3.087395e-01 | 0.594013933 |
| ## | [18,] | 0.2588775377 | 0.7033124908 | -0.194976757 | 4.825101e-02 | 0.984603645 |
| ## | [19,] | -0.8106543576 | 0.1220320319 | 1.856530776 | 5.836894e-01 | 0.056903813 |
| ## | [20,] | 0.6379470065 | 0.2567367887 | -0.024234468 | -1.532233e-01 | 0.271480497 |
| ## | [21,] | -0.3097498335 | -1.1774352249 | -0.164611526 | -2.332226e-02 | -0.815416129 |
| ## | [22,] | -0.4737719246 | 0.0440816325 | -0.746607735 | -6.819567e-01 | -0.325017726 |
| ## | [23,] | -0.0943084987 | -0.8316391054 | -0.453024695 | -5.161536e-01 | 0.116853605 |
| ## | [24,] | -0.3271107464 | -0.2857011168 | -0.599427568 | -3.471946e-01 | -0.436298194 |
| ## | [25,] | -1.1367523209 | 1.6729522045 | 0.523630253 | -3.613643e-01 | 0.427052775 |
| ## | [26,] | 0.2397564093 | 1.0529869191 | -0.871223508 | 5.634759e-01 | -0.182668792 |
| ## | [27,] | -0.5718197907 | -0.7584274865 | 0.519889801 | -2.994560e-01 | -1.114571043 |
| ## | [28,] | 0.4921200924 | 0.4023225250 | 0.042524770 | -7.050924e-03 | -0.344604420 |
| ## | [29,] | -0.6718437859 | -1.2508343512 | -0.836985598 | 5.129352e-01 | -0.290393347 |
| ## | [30,] | -0.6746007471 | -0.6596709959 | -1.775647165 | -6.399222e-01 | 0.586187335 |
| ## | [31,] | 0.4334581477 | 0.7698509638 | 0.318413026 | 1.036597e-01 | -0.700048892 |
| ## | [32,] | 0.0182041316 | -0.2008939010 | -0.352810634 | 9.579557e-01 | -0.149575692 |
| ## | [33,] | -0.5142818754 | -1.4237491663 | -0.023378269 | -2.669193e-01 | 1.794125555 |
| ## | [34,] | -0.8455338436 | 0.6527796087 | -2.231104081 | 5.649870e-01 | 0.501669250 |
| ## | [35,] | -0.6252404232 | -0.4012949660 | 0.173055903 | -6.101862e-01 | -0.455642705 |
| ## | [36,] | -1.7735354821 | 1.6998793668 | -0.543306208 | -4.552547e-01 | -0.521325269 |
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| ## | [38,] | -0.2950833416 | -0.5407328174 | -0.652639735 | -2.385328e-01 | 0.221943054 |
| ## | [39,] | 0.6721816245 | -1.6734768505 | 1.068959556 | 8.306242e-01 | 1.830703469 |
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| ## | [41,] | 0.0725564954 | 0.2753098580 | -0.121952261 | 9.702831e-02 | 0.973736739 |
| ## | [42,] | -0.1409538724 | -1.2925161624 | 0.087407406 | 9.418218e-02 | -1.009038641 |
| ## | [43,] | -0.0474925717 | 0.4744955206 | -0.082565126 | -1.928227e-01 | -1.416585614 |
| ## | [44,] | -1.5520878400 | 1.8103989923 | 0.510662239 | -4.752434e-01 | 0.908956174 |
| ## | [45,] | 0.2269261105 | -0.0176003231 | 0.138261747 | 2.862480e-01 | 0.315639049 |
| ## | [46,] | 0.5522047863 | 0.0789973674 | -0.240090367 | -4.199364e-01 | -1.393319368 |
| ## | [47,] | -0.4231825584 | -1.0958492110 | -0.563743022 | -1.113548e-01 | -0.166362741 |
| ## | [48,] | 1.9805659782 | 0.1173057205 | -0.233130078 | -1.650805e-01 | 2.414579272 |
| ## | [49,] | -0.1631521839 | -0.6625925484 | -0.059121296 | -4.057166e-01 | -0.227231356 |
| ## | [50,] | 0.0053552579 | -1.1098287265 | -0.214128693 | -1.256030e-01 | -0.550134948 |
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| ## | [52,] | 0.3278270027 | 0.4186647890 | -1.804554035 | 5.488528e-01 | -1.758408295 |


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## [53,] -0.5336593392 -1.1567783114 -0.765389448 9.142890e-01 0.260492240
## [54,] 2.2325464130 -1.7951565369 0.538753945 -9.930961e-01 -0.478496494
## [55,] 0.5767066713 0.3498444441 1.897750976 -1.846304e-01 -0.195228533
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## [57,] -0.1860314517 -1.0063963683 -0.352017155 -1.009851e-01 -0.386866792
## [58,] 0.0536368687 0.0332030624 -0.144870364 6.735091e-01 0.278795860
## [59,] 0.6534882383 0.0831689831 -0.249968152 1.093050e+00 -0.396263491
## [60,] 0.0142184850 0.1264082192 0.052533010 3.696607e-01 0.201644351
## [61,] 2.5114426130 -0.5361324728 0.264914015 -1.421225e+00 2.511161513
## [62,] -0.1956032128 1.7028714555 1.371540902 2.104707e-01 -0.652719895
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## [64,] 1.3739513739 0.2833638621 -0.802034630 -1.963219e+00 -0.045944578
## [65,] 0.6752994820 1.1320021923 -0.462081193 1.923190e-01 0.090516533
## [66,] -0.5244784168 -0.1891461099 -0.790084594 -9.444583e-01 -0.035293460
## [67,] -1.5282001613 1.8214382252 0.075391324 -4.729346e-01 0.605777894
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## [70,] -0.0598562382 -0.9040780486 1.232328678 -4.357890e-01 0.026786837
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## [76,] 0.2922525646 -0.9356169479 -0.832946107 -9.260948e-02 0.623393181
## [77,] -0.8021728939 -1.7760077661 -0.639347896 1.743552e+00 -0.440506812
## [78,] -0.2439136255 0.4328686926 -1.466172758 -4.788187e-01 -0.311010259
## [79,] 0.1754264197 0.0609966255 -0.754979663 7.705674e-01 1.964085175
## [80,] -0.5258251118 0.6053015323 1.653538213 -6.435464e-01 -0.356708752
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## [84,] -0.2744163519 0.3751708507 -0.781211578 5.426122e-02 1.322042564
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## [86,] -0.5605947664 0.4646673281 -0.900453047 -5.263695e-01 -0.966754644
## [87,] -1.0257346926 -1.0427756831 -0.210285554 7.114970e-01 -0.227678929
## [88,] 0.3517633760 1.1340433375 -0.530761445 5.542404e-01 0.703980064
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## [90,] -0.0464895803 0.4852946474 0.554254379 -4.545855e-02 -0.137492970
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## [95,] -2.0535549077 -0.6303202329 2.106073205 8.834112e-01 -1.096635026
## [96,] -0.1799103335 -1.1713940902 3.735020193 -9.107519e-02 2.304152151
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## [98,] 0.3039991350 -0.2458956874 0.473494081 6.573994e-01 -0.066844096
## [99,] -0.2548223487 -0.0986290222 0.576068908 -1.496867e+00 -0.316898777
## [100,] -0.0015446290 0.6099243873 -3.668501420 4.294179e-01 -0.689476918
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## [107,] -0.2377953401  0.7238427463  0.366837566 -2.579352e-01  0.655891458
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## [168,] 2.1256402741 -0.6766038279 -0.426434700 -4.357232e-01 -1.053824480
## [169,] 0.0549669521 0.5536166104 0.256094885 6.298673e-01 0.005096581
## [170,] -0.3332392055 0.5164212703 0.441865152 1.567126e-01 -0.004282070
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## [176,] -0.3565670588 -0.7849195620 -0.316221649 -3.004241e-01 0.084093950
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## [350,] 0.0999859577 0.8661959109 1.880816874 5.858980e-01 0.666483798
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## [377,] -1.3461992159 -1.5816079347 -0.018329855 -2.248421e+00 -1.107205437
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## [431,] 0.2977093240 0.0941180247 0.258189281 4.312293e-01 0.394223234
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## [485,] 0.4894450702 0.1462183758 0.364269875 1.481812e-01 0.210866188
## [486,] 0.2995486785 0.4655814528 -0.088066638 -4.027158e-01 0.269043206
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##          PC16          PC17          PC18          PC19          PC20
## [1,] 0.806428571 0.059385614 -0.105222824 0.1593110451 -0.1043919570
## [2,] 0.065695213 -0.436139817 -0.356275929 -0.7730747232 -1.0806027007
## [3,] 0.001380068 -0.095201165 0.070963633 0.1815122687 0.3514162109
## [4,] -1.239883371 -0.162609162 0.428536289 -0.4154816229 -0.0966030765
## [5,] 0.970401777 0.804305537 1.197683152 -0.4339540544 -0.6420130372
## [6,] -0.218121846 -1.471476411 -0.055022567 0.0960241481 1.1279539255
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## [12,] 1.162541032 -0.383363595 0.064150526 0.5113708123 0.0860548279
## [13,] 1.363618528 0.016257795 -0.455914513 0.1754209042 -0.2565111852
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## [17,] 0.458487906 -1.918619161 0.193864877 -0.9116343377 0.5415705492
## [18,] -0.540287270 -0.073690023 -0.003493475 -0.4922836636 -0.2901255118
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## [32,] 1.324874641 0.012026154 -0.272457783 0.3188482331 -0.1068252563
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## [447,] -0.785562383 0.438290567 0.538451849 0.6908318142 -0.1637857956
## [448,] -0.630417849 -0.327331856 0.185828522 0.0998912314 0.0985370785
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## [470,] 0.194566438 -0.529195497 -0.460531123 0.3713467368 0.1037405334
## [471,] 1.001748344 -0.127494450 -0.468342647 0.4847323671 -0.0848741201
## [472,] 0.834575040 -0.140311835 -0.439198449 0.7465077365 -1.9145510022
## [473,] -0.989241014 -0.151435233 0.152836404 -0.2432342162 -0.0172448054
## [474,] 0.897271410 0.081076037 -0.266119794 0.2210509575 -0.0973502662
## [475,] 0.707615776 -1.000941384 1.609936447 0.8581082115 -1.0333186140
## [476,] 0.216919807 -1.030939122 -0.264529811 -0.5368478145 0.1674489468
## [477,] 1.389937625 0.383137858 -0.267517110 0.0557779914 1.2770546122
## [478,] 0.093525156 -0.316849732 0.191275100 0.1085103379 0.0447633755
## [479,] 0.242113123 0.559176156 -1.034089429 1.0801403736 -0.4239163698
## [480,] -0.362147508 0.007270429 0.389402203 -0.0921176442 -0.0163460204
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## [483,] -0.530148681 1.152183230 0.375777670 0.1152774673 -0.9539222918
## [484,] -0.179262178 0.857151991 -0.711117472 1.5319360676 0.7397881767
## [485,] 0.258281104 0.183801544 0.150685436 0.2034197501 0.1274403496
## [486,] 0.998758399 0.177447079 -0.196034628 0.1762918653 -0.2287313089
## [487,] -0.768691195 -0.582134200 -0.342405224 0.6411769782 0.5239790848
## [488,] 0.308942422 0.906171422 0.114230965 0.5099064205 -0.0716868878
## [489,] -0.336508855 -0.154647724 -0.080592309 0.1590743714 0.0218107618
## [490,] -0.185887830 -0.264923757 -0.405964512 -0.1691628501 -0.0613017877
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## [497,] -0.153358642 -0.598856549 0.463478225 -0.2595277501 -0.0848766438
## [498,] -0.254057118 -0.353455965 0.807791474 0.2282348900 0.0740456284
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## [500,] 0.553761597 -0.143439956 -0.183257832 0.2330753206 0.0543255596
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## [502,] 0.338063967 -0.337620930 -0.215410078 0.3484612523 -0.0005101980
## [503,] -0.052381831 1.115332795 0.133287369 -0.7978381707 2.1296333403
## [504,] -0.197167664 -0.223298461 -0.025003922 -0.0360616764 -0.1864960967
## [505,] -0.232485581 -0.801316617 0.842763543 -1.2381191759 0.2033312795
## [506,] -0.729182084 1.340834277 -0.055963319 -0.0945823327 1.8282875733
##          PC21          PC22          PC23          PC24          PC25
## [1,] -0.267217537 3.222241e-01 1.518900e+00 0.7488759034 -0.5556309385
## [2,] -1.084775595 -1.689646e+00 2.229442e-01 0.1949359367 -0.8588113615
## [3,] 0.193601308 3.817805e-02 8.130541e-02 -0.1213483841 0.2748926608
## [4,] -0.406013681 -4.740900e-01 -2.063824e-01 -0.3671120936 0.2754828931
## [5,] 0.326322333 8.270231e-01 2.518838e-01 0.3816341099 -0.2499276670
## [6,] 0.111589276 -1.369243e+00 2.244477e-01 0.0259496099 0.4498299402
## [7,] -1.319550802 -5.839925e-01 -2.216156e-01 0.0937803457 -0.6661335075
## [8,] 0.105497093 1.934626e-01 9.500906e-03 0.1305822961 -0.1582160903
## [9,] -1.724753999 -9.593989e-01 -2.557737e-01 0.1231173859 -0.3720750294
## [10,] 0.666284839 -3.401203e-01 -6.910852e-01 0.7030767170 -0.7608357256

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## [11,] 0.224604785 1.184514e-01 1.535455e-01 0.1486370765 -0.0481738632
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## [16,] -0.772867119 1.542741e+00 -8.091776e-03 0.2145575711 -0.0942268754
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## [18,] -0.198936614 -2.896352e-01 -1.937529e-01 0.1775476304 0.5006490934
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## [20,] -0.258738004 -2.072143e-01 -1.479336e-02 -0.1259539744 -0.1720839544
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## [22,] -0.114137903 3.581809e-01 2.492532e+00 1.0897111518 -0.5755608209
## [23,] -0.241090229 -5.230711e-02 -6.800050e-01 0.0258621961 0.3626952557
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## [27,] 0.629005588 4.700034e-02 -4.397361e-01 0.3842954634 -0.3791250018
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## [29,] -0.032567160 -1.602138e-01 6.957661e-01 0.2111753748 0.1098785381
## [30,] -0.902924556 -2.345620e-01 -4.400972e-01 0.5984254665 -0.4096289948
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## [34,] 0.139305295 3.585432e-01 2.674543e-01 0.9291325416 0.3302754957
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## [65,] -0.287209706 -7.930982e-01 -2.762725e-01 0.6829780768 0.8191166313
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## [119,] 0.794231898 -7.540480e-01 -1.547838e+00 -0.4764483525 0.3675960830
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##          PC26          PC27          PC28          PC29          PC30
## [1,] -0.9585463137 -0.1434618767 0.960881555 8.182964e-01 -0.4275259308
## [2,] 0.1283163138 -0.7166596517 -0.392583138 -7.409524e-01 0.9652974616
## [3,] 0.0103321246 -0.0778773346 -0.152166829 -2.027523e-02 -0.0969437601
## [4,] 0.2803135243 0.1976798950 0.433185785 -1.024406e-01 0.2454556757
## [5,] -0.6927585639 -0.3205719900 0.245159396 -7.273058e-01 0.1267112870
## [6,] 0.8436718439 0.4848115919 0.180832902 7.051393e-02 -0.5807072901
## [7,] 0.3496580680 -0.7181956261 -0.144439456 -2.557833e-01 0.2214729865
## [8,] -0.2222957421 -0.0989623678 -0.211222785 2.792854e-02 -0.0146679883
## [9,] -0.7573422167 -0.2122059390 0.875543627 6.517113e-01 0.7567684653
## [10,] 0.6924549810 0.9015707793 0.147238501 -6.424001e-01 0.0158773579
## [11,] -0.1584221240 -0.2508090339 -0.261639759 -4.853315e-02 -0.0010544612
## [12,] -0.2141058059 -0.5436724246 0.238289040 5.936978e-01 -0.5919007319
## [13,] -0.0464576716 -0.2276697289 -0.318293749 -2.253571e-02 -0.0494980800
## [14,] 1.5333104338 -0.4802781101 -0.596145275 -1.958706e-01 -0.3449144886
## [15,] -0.1559270498 -0.0278209540 -0.048084539 4.498885e-02 0.0942676399
## [16,] 0.7340284915 -0.2418168244 0.001874062 -1.012832e-01 -0.2189346703
## [17,] 1.2634130310 -0.7956910993 0.327813030 -4.778318e-01 0.2129131786
## [18,] 0.2674930117 -0.5524976910 -0.112800686 -6.776009e-01 0.0033720764
## [19,] -0.1044000545 0.9869483858 -0.116184676 -4.140592e-01 0.7388921498
## [20,] -0.0755836019 -0.0614327867 0.049640661 5.202726e-02 -0.0296975897
## [21,] -0.3520267128 -0.7175009094 0.667456535 1.305931e+00 -0.9761189994
## [22,] -1.3295807699 0.3582868525 0.672515375 3.286103e-01 0.0429419506
## [23,] 0.0348805895 -0.4876088303 -0.293887499 2.777589e-01 -0.4856502227
## [24,] -0.0341297692 0.1986824832 -0.263619558 -3.376304e-01 -0.1071743619
## [25,] 0.3327686996 0.1298163292 0.248205131 -5.097312e-02 0.1459620293
## [26,] 0.1729210628 -0.3167556189 -0.453049340 3.204129e-01 0.4712065835
## [27,] -0.2601868545 -0.0998944902 -0.308592136 -9.191067e-02 0.1132513476
## [28,] 0.0422004655 -0.0437434617 0.201122846 1.199798e-01 -0.0281009630
## [29,] -0.2367666823 0.0105304347 0.020643632 -4.508409e-02 0.1141094672
## [30,] 0.5844693739 -1.0378457446 0.037018187 -3.784398e-01 0.7698495754
## [31,] -0.6703797189 -0.6606716453 -0.184770302 5.406887e-01 0.2876515809
## [32,] -0.0815341859 -0.2350120850 0.046027116 -6.189836e-02 -0.0925200822
## [33,] 0.0575155797 0.3717651013 0.082256259 3.137870e-01 -0.3019199476
## [34,] -0.8727044960 -1.1336966615 -0.406453211 9.805321e-01 -0.9700183929
## [35,] -0.2986377994 -0.0055378648 -0.045614424 -3.929799e-02 0.1664075678
## [36,] -0.1845088781 0.0365041100 0.363323313 5.170093e-02 0.2936420446
## [37,] -0.9658202447 -0.1005340394 -0.195734250 -1.404178e+00 0.5772615351
## [38,] -0.0232260186 0.1257922463 0.080871318 1.824821e-01 0.2481116753
## [39,] 0.9606683834 -0.3752499822 0.057854400 1.632004e+00 0.5930077060
## [40,] -0.5550256055 0.8822745571 0.693798823 -3.598904e-01 0.2716133153
## [41,] -0.4814503939 0.0768373423 -0.372125893 9.221165e-01 -0.0454413369
## [42,] 0.3926481028 0.2605740290 -0.473721873 3.994491e-01 -0.2313705822
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## [44,] -0.2256583710  0.0813178936 -0.111259989  3.765412e-01 -0.2597565231
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## [52,] -0.4091056318  0.0557796045  1.074885782 -2.009206e-01  0.5066109955
## [53,]  0.2155324737  0.2086988167 -0.073950971  2.985310e-02  0.0668847865
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## [55,]  0.1162080282  0.9766309335  0.225903016 -7.045314e-01 -0.2145822896
## [56,]  0.4935095306 -0.9451036409 -0.888773959  3.329257e-01 -0.1286186481
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## [59,]  0.6766515036  0.6267811270 -0.504181998 -4.715661e-01 -0.1406975174
## [60,] -0.8908343576  0.1205429080  0.173909464  7.878497e-01  0.1526023850
## [61,] -0.2304862136  0.2447040727  0.853293233  7.038651e-03 -0.3159922306
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## [65,] -0.5803103095 -0.1937261848 -0.268619891 -3.893609e-01 -0.0027144987
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## [85,] -0.5222427009  0.4436295397 -0.416019844  2.767116e-01 -0.4000423726
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## [89,]  0.3060015724 -0.9012438145  0.252674408  2.457818e-01  0.4511792840
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## [93,] -0.4141550643 -0.5577798221 -0.551030136  1.400231e+00 -1.3648905682
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## [98,] -0.1164570683 0.1572089766 -0.178351054 1.039332e-01 -0.1477490906
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## [102,] 0.0376862216 0.0295324919 -0.018123967 1.436938e-01 -0.0760646541
## [103,] 0.2608873098 -0.7018254120 0.103220560 1.665824e-01 0.5541583415
## [104,] 0.5564397644 -0.9364367242 0.333114425 -7.377672e-01 -0.2254600846
## [105,] 0.0338157821 -0.1425771268 -0.358512624 2.383926e-02 -0.1243820948
## [106,] 0.6604133301 0.6355405930 0.157907307 2.524591e-01 -0.1857673281
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## [108,] -0.0050457969 -0.0660478098 -0.182967912 1.012448e-01 -0.0717596495
## [109,] -0.3116026767 -0.3579423743 -0.271473101 1.462091e-01 -0.2973831280
## [110,] 0.0005249524 0.2128291897 0.150340318 -1.039079e-01 0.1393797563
## [111,] -0.7902562345 -0.5573934233 0.163298827 -1.361644e+00 -0.1409827818
## [112,] 0.0308302922 0.1806654334 -0.133885008 1.380695e-01 -0.0641710810
## [113,] 0.0275199474 0.0513076425 -0.048023405 -2.023799e-01 0.6440440738
## [114,] 0.0061482836 -0.1021322988 -0.395179004 -3.211826e-02 -0.0744501682
## [115,] 1.0687372153 -0.3634225329 -0.580672976 6.876057e-01 -0.6167851593
## [116,] -0.1180409139 -0.0496705059 -0.192567340 3.666193e-02 -0.0615654996
## [117,] -0.4075323113 1.2077593915 -0.209230546 1.156620e+00 0.6258806527
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## [120,] -0.3553091938 -0.3740140525 0.040261822 2.351584e-01 -0.3084990447
## [121,] -0.2483025507 -0.8330019138 0.274585711 -4.986222e-01 -0.0360176056
## [122,] -0.2814293318 -0.5853522284 0.211250195 -3.584560e-01 -0.4429886667
## [123,] 0.2013447574 -0.5307472748 -1.155728086 2.533183e-01 -0.5083323252
## [124,] 0.5786986775 -0.0623312844 -0.136274622 5.684104e-03 0.0621712469
## [125,] 0.5356283617 -0.1472479881 0.438575673 1.440299e-01 0.0244483113
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## [129,] -0.2780758856 -0.0663391406 -0.012235448 2.035114e-02 -0.0893240648
## [130,] -0.1715544592 -0.2196214865 0.133365446 9.228919e-02 0.1936623751
## [131,] 0.1269226411 0.4869872265 -0.200679095 -1.296232e-01 0.3953607311
## [132,] -0.1630037730 -0.2583293727 0.306314220 -1.349038e-01 -0.1389213972
## [133,] 0.2823145967 -0.2775437829 -0.585571983 -2.143952e-01 -0.0759286611
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## [135,] 0.0614587849 -0.0985435631 0.009742923 3.933943e-02 -0.0446955841
## [136,] 0.1759777742 0.4737410239 -0.946283698 1.045113e-01 0.5894085465
## [137,] -0.2025248807 0.0088975569 -0.105481062 2.175997e-01 0.0022199494
## [138,] -0.1266717207 -0.0544110197 -0.020754222 4.468954e-02 0.0451668069
## [139,] 0.0196867073 0.3291802774 0.228995861 -4.470978e-01 0.6241693834
## [140,] 0.1773585264 0.1627329940 -0.135609397 -5.747519e-01 0.4351658449
## [141,] -0.1158601611 -0.2483068157 0.183351738 3.196872e-02 0.1308186331
## [142,] -0.3824343045 1.2435875580 -0.069694079 6.189012e-02 0.6910550522
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## [152,] 0.8391984213 -0.4094241988 0.942193099 1.343871e+00 1.0715948160
## [153,] -0.0521377652 0.3281159322 -0.061544433 -4.647807e-02 0.3471828962
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## [170,] 0.6775839610 -0.3612429707 0.219318283 -1.745908e-01 -0.3445613127
## [171,] 0.4530307856 0.4031700614 0.479700556 2.671302e-01 0.5348026547
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## [176,] -0.1149314065 0.4908555845 0.608108206 -9.377246e-02 0.2175760734
## [177,] 1.1567666950 -1.4689022070 0.109518168 -1.454129e+00 -1.3998538179
## [178,] -0.1307263045 -0.0652704514 -0.291634275 -6.333076e-02 -0.1225527656
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## [185,] -0.4251968536 0.4669731052 0.444296847 1.259824e+00 0.3716684551
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## [483,] 0.7421054431 -0.5713648361 -0.322540039 -5.362293e-02 -0.0291483525
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## [2,] 0.9670681298 -0.1213055489 -0.4427960962 -0.3578424573 0.232526885
## [3,] -0.1401318389 0.0596439074 0.0072269463 -0.0484980168 0.043094718
## [4,] 0.1864624995 -0.0651780350 0.2464561542 0.0704387589 0.014902090
## [5,] 0.4847497909 0.3222955204 -0.1353745577 -0.1460845295 0.015218672
## [6,] -0.6537168971 0.3713562977 0.6106256212 0.3751960341 0.187501389
## [7,] -0.3935441077 -0.1615060830 0.1416117009 0.1762719826 0.260303814
## [8,] -0.1218639030 -0.0011127763 -0.1606127432 -0.0410017491 0.015785794
## [9,] 0.3649742825 0.1373501469 -0.0588819171 -0.0426805363 -0.058017100
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## [11,] -0.1521852276 0.1045031375 -0.1156496824 -0.0297959260 -0.106026320
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## [292,] -0.1472291291 -0.0703305043
## [293,] 0.1206862519 -0.0654227908
## [294,] 0.0835960827 -0.0218848815
## [295,] 0.0803798799 0.0205161308
## [296,] 0.1547264057 -0.0657711008
## [297,] 0.2695348670 0.1558673841
## [298,] -0.0037902986 -0.0345043687
## [299,] 0.0641406321 -0.1489715687
## [300,] 0.2079173767 -0.0932410671
## [301,] 0.0707155216 0.0490650138
## [302,] -0.2922201810 -0.1118820196
## [303,] -0.6219700296 -0.0383304890
## [304,] 0.1536752042 -0.3963330805
## [305,] 0.0813341268 -0.0075272674
## [306,] -0.1441655647 -0.1539558286
## [307,] -0.1584571163 -0.0847068860
## [308,] -0.1714396742 -0.1106392072
## [309,] 0.1628437316 -0.0383598226
## [310,] 0.1550345924 0.0799995831
## [311,] 0.2187835993 -0.0253903360
## [312,] 0.3258374235 -0.0317386876
## [313,] -0.0265373233 0.0831272459
## [314,] 0.3175881105 0.1475358551
## [315,] -0.1112025247 0.2778922862
## [316,] 0.2632972105 -0.0133046004
## [317,] -0.1210298784 -0.1080361063
## [318,] -0.2136736878 0.0921687824
## [319,] -0.1173439328 0.1159945842
## [320,] -0.3946607008 -0.0190781916
## [321,] 0.1449597066 0.0325160825
## [322,] -0.1620225275 0.0594588105
## [323,] 0.0860781076 -0.0033568374
## [324,] 0.0821187010 -0.0340989074
## [325,] -0.0989048502 0.0718638434

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## [326,] -0.1862659338 0.0051930855
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## [329,] -1.2452074112 -0.0535610301
## [330,] 0.3445795210 0.0732370245
## [331,] 0.1219271782 0.0009993369
## [332,] -0.0903430260 0.0628712716
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## [334,] 0.0101441974 0.0046167810
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## [340,] 0.1541386205 -0.0765333351
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## [344,] -0.1351374169 0.2633108371
## [345,] 0.2075859469 -0.0508487639
## [346,] 0.0742418387 0.0319859514
## [347,] 0.0480584734 -0.1247859085
## [348,] -0.0080909144 -0.2923652409
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## [350,] -0.0639984492 -0.0626085670
## [351,] -0.3705163623 -0.1913219150
## [352,] -0.4875379345 -0.0248958747
## [353,] 0.1106553747 -0.0606766537
## [354,] 0.4430559045 -0.0119035112
## [355,] 0.1653214093 0.0391360458
## [356,] 0.2456679959 -0.0194321904
## [357,] -0.7518096048 -0.0144561669
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## [360,] 0.3816954967 -0.0153823215
## [361,] 0.0400837291 0.1689592983
## [362,] 0.2120076329 0.0374320431
## [363,] -0.0470609440 -0.1048102611
## [364,] -0.2273524549 0.0005451362
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## [366,] 0.2923751940 0.0192921451
## [367,] 0.0843850963 0.1137246193
## [368,] 0.1215248335 0.0595519583
## [369,] -0.1741539903 0.0695318028
## [370,] 0.0132084217 0.0796507263
## [371,] -0.6895904794 0.0231103691
## [372,] -0.1658457610 -0.0202967576
## [373,] 0.0085697719 0.0152764478
## [374,] -0.4333829490 0.0064379100
## [375,] -0.3815775679 -0.0169740350
## [376,] -0.5422397291 -0.0534798913
## [377,] 0.2834818295 0.0493085128
## [378,] 0.1730512008 -0.0085879616
## [379,] -0.1994979301 -0.0572810993

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## [380,] 0.0058915874 -0.0653622120
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## [382,] -0.0690562036 0.0136070956
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## [387,] -0.4826204304 -0.0766775753
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## [390,] 0.1617076501 -0.0355465281
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## [392,] 0.0866820915 -0.1793156812
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## [394,] -0.2140138807 -0.0482113065
## [395,] 0.0724176353 -0.0239791891
## [396,] 0.2616067925 0.1195360804
## [397,] -0.4887335164 -0.0480236515
## [398,] -0.1749270554 -0.1336121993
## [399,] -0.1014642726 0.1078000302
## [400,] -0.1466105006 -0.0969164109
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## [402,] -0.1161489634 0.2398712629
## [403,] 0.2383399424 0.0054486767
## [404,] -0.1426839976 0.1556418594
## [405,] -0.1212195656 -0.1749905581
## [406,] 0.4194073574 0.0061864050
## [407,] 0.4959436199 -0.1156707361
## [408,] -0.0779380304 -0.0049318711
## [409,] -0.0133244638 0.0321508591
## [410,] 0.0443057581 0.0024633805
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## [412,] -0.0604770006 0.0904650142
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## [415,] -0.1998979429 -0.1359626452
## [416,] -0.1421146276 -0.1030302497
## [417,] -0.2261719686 -0.0795188306
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## [420,] 0.1191844414 -0.0088257454
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## [423,] 0.1040902747 -0.0034878307
## [424,] 0.2101639232 0.1508425286
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## [431,] -0.0774541734 -0.0952061050
## [432,] -0.2265386384 -0.0652367392
## [433,] 0.3413607163 -0.0474985779

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## [434,] -0.0778554516 -0.0504934170
## [435,] -0.0909111050  0.0341484892
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## [448,] -0.1487848800  0.0542083204
## [449,]  0.1727867556  0.0653746494
## [450,] -0.2292271667 -0.0099116216
## [451,] -0.0700037159  0.0256645127
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## [455,] -0.1263020857 -0.0900303851
## [456,]  0.0582760723  0.0592205201
## [457,] -0.0898288683 -0.0692452142
## [458,]  0.0989452768  0.0434610514
## [459,] -0.0694819522  0.0288194445
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## [463,]  0.2668968779 -0.0449834960
## [464,] -1.3060405648 -0.1170338901
## [465,]  0.1710193765 -0.0332207372
## [466,]  0.0047909091 -0.0059469052
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## [468,] -0.1952284573  0.0091095561
## [469,]  0.0499668245  0.0225453132
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## [471,]  0.3215037955 -0.0656317051
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## [473,]  0.2629910411 -0.0855319817
## [474,] -0.0042063887  0.0251641720
## [475,]  0.1247687757 -0.2665345969
## [476,]  0.3222052841  0.0727683434
## [477,] -0.1721495084 -0.1297930344
## [478,]  0.0933425768  0.0484179679
## [479,]  0.0475497044 -0.0684903639
## [480,] -0.0745891754  0.0732964822
## [481,] -0.2783381489  0.0243297789
## [482,]  0.1953991454  0.0061692370
## [483,]  0.0786567566  0.2109036310
## [484,]  0.1044786189 -0.1166876812
## [485,]  0.2113447836  0.0444731630
## [486,] -0.5045855262 -0.0329787887
## [487,]  0.4087965076  0.0435111219

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## [488,] 0.1682878723 -0.0075375189
## [489,] -0.0217984599 -0.0790192026
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## [506,] -0.7500100305 0.0280636436
```

```
pca$rotation
```

| ## | PC1 | PC2 | PC3 | PC4 |
|------------------------------|--------------|-------------|--------------|--------------|
| ## Television | 0.168586156 | 0.07402291 | 0.105949842 | -0.064664526 |
| ## BoardGames | 0.072877569 | -0.05921755 | 0.070989115 | 0.187356405 |
| ## ArtsCraft | 0.058504685 | -0.06850263 | 0.091188040 | 0.177121409 |
| ## Write | 0.124652644 | -0.11272541 | 0.157153823 | 0.131190513 |
| ## Computer | 0.078565700 | -0.10315163 | 0.149639257 | 0.202153434 |
| ## CurrentEvents | 0.190347341 | -0.06740108 | 0.096191212 | -0.002958213 |
| ## Memory | 0.213793306 | -0.17176852 | 0.025457997 | 0.065636262 |
| ## Judgement | 0.218875516 | -0.16056279 | 0.052120467 | 0.078467739 |
| ## Organization | 0.228588989 | -0.13572205 | 0.099698692 | 0.073032320 |
| ## RecallConvo | 0.197162643 | -0.20575207 | -0.184331014 | -0.074109326 |
| ## RememberUsingThings | 0.212072915 | -0.18438280 | -0.143451189 | -0.073481073 |
| ## Learning | 0.209431995 | -0.19952123 | -0.192913279 | -0.107479373 |
| ## FollowingStory | 0.203665451 | -0.18230377 | -0.180717168 | -0.123890277 |
| ## DecisionMaking | 0.216668743 | -0.20123316 | -0.166659379 | -0.104237555 |
| ## Arithmetic | 0.215320804 | -0.19965615 | -0.134710477 | -0.078188893 |
| ## Reasoning | 0.212005826 | -0.18842018 | -0.199217619 | -0.113584398 |
| ## GetAcrossRoom | -0.156967570 | -0.01389460 | -0.191771885 | -0.275798032 |
| ## Bathing | -0.195015973 | 0.01539300 | -0.229709939 | -0.223671595 |
| ## Eating | -0.177162256 | -0.10094864 | -0.125411489 | -0.147155299 |
| ## GetOutOfBed | -0.174705339 | -0.06941845 | -0.228965908 | -0.244019331 |
| ## MMSE_score | 0.075297958 | 0.31506779 | -0.179755323 | -0.016930278 |
| ## Animal_fluency_score | 0.161266429 | 0.24315790 | -0.126175690 | -0.033925598 |
| ## Boston_naming_test | 0.147203245 | 0.24302552 | -0.086984273 | 0.031020325 |
| ## Construction_praxis_score | 0.196178249 | 0.16598300 | 0.053122847 | 0.014595883 |
| ## Del_word_list_memory | 0.192068672 | 0.29964771 | -0.051127605 | -0.086848612 |
| ## IMM_word_list_recog | 0.196784124 | 0.28883362 | -0.060219121 | -0.103086669 |
| ## Word_list_recognition | 0.204207673 | 0.24218789 | -0.021423595 | -0.134268801 |
| ## Wechsler_logical_memory | 0.143341220 | 0.27338206 | -0.008151018 | -0.105140065 |
| ## Fuld_object_memory | 0.183273589 | 0.15778505 | 0.060308226 | 0.005914410 |
| ## Benton_vis_reten | 0.203033147 | 0.07259237 | 0.169995119 | 0.047368807 |
| ## Weight | 0.067155399 | 0.01898714 | 0.135998341 | -0.346244280 |
| ## Height | 0.091161465 | 0.02560316 | 0.161479417 | -0.313905370 |

| | | | | |
|--------------------------------|---------------|--------------|---------------|--------------|
| ## Pulse_obliteration_pressure | 0.012996165 | -0.01668947 | 0.127132954 | 0.086755611 |
| ## Vision | 0.091127806 | 0.05364784 | 0.048593439 | -0.041701892 |
| ## BPM | -0.010845849 | 0.02415400 | -0.065970120 | -0.101341909 |
| ## SystolicBP | 0.005407059 | 0.08957742 | -0.440080505 | 0.375732280 |
| ## DiastolicBP | 0.032663659 | 0.09744149 | -0.423079949 | 0.386286272 |
| ## | PC5 | PC6 | PC7 | |
| ## Television | 0.1025962227 | -0.078239957 | 0.0672593108 | |
| ## BoardGames | 0.2072821831 | -0.241069891 | -0.1879832896 | |
| ## ArtsCraft | 0.1263155295 | -0.198038280 | -0.2019884554 | |
| ## Write | 0.0408132105 | -0.331341198 | 0.0472847496 | |
| ## Computer | 0.0290046486 | -0.220004718 | 0.0610272318 | |
| ## CurrentEvents | 0.0464787406 | -0.212479663 | 0.0170256143 | |
| ## Memory | 0.0353427606 | -0.188617647 | 0.1020689800 | |
| ## Judgement | 0.0288009494 | -0.207176812 | 0.0693317345 | |
| ## Organization | -0.0263043254 | -0.139148460 | 0.0380479806 | |
| ## RecallConvo | 0.0262175905 | 0.101416876 | 0.0679143892 | |
| ## RememberUsingThings | 0.0187122830 | 0.143483275 | -0.0786989776 | |
| ## Learning | 0.0219514231 | 0.101437249 | 0.0324330296 | |
| ## FollowingStory | 0.0438743090 | 0.077095234 | 0.0117290711 | |
| ## DecisionMaking | -0.0108538253 | 0.078291667 | -0.0006889172 | |
| ## Arithmetic | 0.0115187481 | 0.093680694 | -0.0601152044 | |
| ## Reasoning | 0.0009952252 | 0.129672598 | -0.0245882646 | |
| ## GetAcrossRoom | 0.1186997762 | -0.348152898 | 0.0501136857 | |
| ## Bathing | 0.1220429232 | -0.233734457 | 0.0576833719 | |
| ## Eating | 0.0350507872 | -0.224115157 | 0.1920825019 | |
| ## GetOutOfBed | 0.1295126399 | -0.285078346 | 0.0790123322 | |
| ## MMSE_score | 0.0871007539 | 0.070249038 | -0.0989103500 | |
| ## Animal_fluency_score | 0.1964296061 | -0.020173446 | -0.0657731040 | |
| ## Boston_naming_test | 0.0438599139 | 0.073641531 | -0.1283672709 | |
| ## Construction_praxis_score | 0.0319389883 | 0.064840330 | -0.0051273283 | |
| ## Del_word_list_memory | 0.0835990372 | -0.069724759 | 0.0890531080 | |
| ## IMM_word_list_recog | 0.0911566468 | -0.085197969 | 0.0808545732 | |
| ## Word_list_recognition | -0.0124324083 | -0.128743752 | 0.0802964785 | |
| ## Wechsler_logical_memory | 0.0207230625 | -0.002892537 | 0.1385868677 | |
| ## Fuld_object_memory | 0.0671086103 | -0.097073960 | 0.2463470270 | |
| ## Benton_vis_retention | -0.0635791969 | 0.010405165 | 0.1112890360 | |
| ## Weight | -0.5193938998 | -0.157010253 | -0.1154736087 | |
| ## Height | -0.4879927593 | -0.179639282 | -0.1433904852 | |
| ## Pulse_obliteration_pressure | -0.2388567496 | 0.135759852 | 0.5769938644 | |
| ## Vision | -0.0622592538 | -0.034643035 | -0.5553910654 | |
| ## BPM | -0.0659806308 | 0.163322957 | 0.1101647696 | |
| ## SystolicBP | -0.3302390646 | -0.173551353 | 0.0021296077 | |
| ## DiastolicBP | -0.3415297423 | -0.150427488 | -0.0004454711 | |
| ## | PC8 | PC9 | PC10 | PC11 |
| ## Television | -0.195185440 | 0.056678351 | 0.104246500 | -0.099671255 |
| ## BoardGames | 0.347874523 | 0.239551604 | -0.303956174 | 0.185642400 |
| ## ArtsCraft | 0.420402814 | -0.062091612 | -0.269938763 | -0.622671485 |
| ## Write | -0.014366327 | 0.016081148 | 0.052552422 | 0.003220858 |
| ## Computer | 0.092463373 | -0.156754606 | -0.290884872 | 0.567787862 |
| ## CurrentEvents | -0.232369549 | 0.049630731 | 0.012549563 | -0.059219717 |
| ## Memory | -0.173064232 | -0.264972732 | 0.084122945 | -0.029533246 |
| ## Judgement | -0.196349414 | -0.252239742 | 0.096966189 | -0.099151667 |
| ## Organization | -0.180938643 | -0.219537688 | 0.094519448 | -0.060004767 |
| ## RecallConvo | 0.075160176 | -0.117023003 | 0.018022799 | -0.037109969 |

| | | | | |
|--------------------------------|--------------|--------------|--------------|--------------|
| ## RememberUsingThings | 0.101266197 | 0.074291710 | -0.030935085 | 0.082379209 |
| ## Learning | 0.077456320 | 0.041132203 | -0.050844038 | 0.049466276 |
| ## FollowingStory | 0.050659116 | 0.077991355 | 0.012471967 | 0.027102701 |
| ## DecisionMaking | 0.065422790 | 0.058593288 | -0.013244839 | -0.006109806 |
| ## Arithmetic | 0.077813220 | 0.077416085 | -0.020945172 | 0.021249602 |
| ## Reasoning | 0.061671853 | 0.069730009 | 0.005490395 | -0.017606196 |
| ## GetAcrossRoom | -0.034299555 | 0.063530820 | -0.013369404 | -0.028398776 |
| ## Bathing | 0.071750933 | -0.047808591 | -0.024281400 | -0.003829205 |
| ## Eating | -0.052785217 | 0.096078083 | 0.006303021 | -0.057105925 |
| ## GetOutOfBed | 0.012035112 | 0.035934760 | -0.027989102 | -0.102185510 |
| ## MMSE_score | 0.119492002 | -0.367282350 | 0.003018634 | 0.046185602 |
| ## Animal_fluency_score | 0.021837349 | -0.115291317 | 0.019731892 | -0.048640362 |
| ## Boston_naming_test | 0.117593537 | -0.304068436 | 0.002747912 | 0.004232073 |
| ## Construction_praxis_score | 0.008479953 | 0.286292748 | -0.019082023 | 0.016056356 |
| ## Del_word_list_memory | 0.044254889 | -0.043126440 | -0.029735486 | 0.054885327 |
| ## IMM_word_list_recog | 0.030471901 | -0.089245312 | -0.010125745 | 0.050389884 |
| ## Word_list_recognition | 0.044430091 | -0.002609977 | -0.047624832 | 0.050179455 |
| ## Wechsler_logical_memory | 0.032319341 | 0.239000370 | 0.004629137 | -0.087541056 |
| ## Fuld_object_memory | -0.069704380 | 0.264379946 | -0.011938082 | -0.004214011 |
| ## Benton_vis_retent | -0.050587544 | 0.385450863 | -0.022771436 | -0.050606576 |
| ## Weight | 0.153222745 | -0.046809511 | -0.025636339 | 0.065763308 |
| ## Height | 0.139658941 | -0.060592475 | -0.055111753 | 0.046903278 |
| ## Pulse_obliteration_pressure | 0.284166240 | -0.133326309 | -0.031639718 | -0.313401794 |
| ## Vision | -0.308302966 | 0.093264405 | 0.017230346 | -0.247591148 |
| ## BPM | -0.429066811 | -0.101235726 | -0.833551852 | -0.106522708 |
| ## SystolicBP | -0.059864166 | 0.104853566 | 0.011470492 | -0.006572998 |
| ## DiastolicBP | -0.062008703 | 0.080555742 | 0.005628427 | -0.022069512 |
| ## | PC12 | PC13 | PC14 | PC15 |
| ## Television | 0.101111540 | 0.58775857 | -0.040875325 | -0.263814295 |
| ## BoardGames | 0.250361888 | 0.14175074 | -0.575955248 | 0.032337179 |
| ## ArtsCraft | 0.089080465 | -0.09288030 | 0.334990974 | -0.033214846 |
| ## Write | -0.268801189 | 0.24869692 | 0.406496564 | -0.103402851 |
| ## Computer | -0.405633034 | -0.17123587 | 0.133456620 | -0.146322016 |
| ## CurrentEvents | 0.039233258 | 0.18554332 | -0.064614228 | -0.298604001 |
| ## Memory | 0.115593060 | -0.11794153 | -0.125038116 | 0.185438560 |
| ## Judgement | 0.108371585 | -0.13801976 | -0.097182550 | 0.211635102 |
| ## Organization | 0.143756576 | -0.08870642 | -0.112110222 | 0.203004169 |
| ## RecallConvo | -0.056374673 | -0.08725826 | 0.054449842 | 0.029144252 |
| ## RememberUsingThings | -0.023416969 | -0.02637976 | -0.001199831 | -0.008859591 |
| ## Learning | -0.036876844 | 0.06573603 | -0.006146928 | -0.014756048 |
| ## FollowingStory | -0.077625870 | 0.11387106 | 0.056776243 | -0.219014796 |
| ## DecisionMaking | -0.015107316 | -0.02945879 | -0.008624834 | -0.036990118 |
| ## Arithmetic | -0.007112063 | 0.02624182 | -0.032728635 | -0.010882563 |
| ## Reasoning | 0.002175256 | -0.02855858 | 0.059087257 | 0.010470264 |
| ## GetAcrossRoom | -0.127874208 | 0.10317533 | -0.129010152 | 0.106825429 |
| ## Bathing | -0.081040097 | 0.03266290 | 0.013734468 | 0.118516294 |
| ## Eating | -0.046786372 | -0.04759542 | -0.023020443 | -0.066167305 |
| ## GetOutOfBed | -0.178359756 | -0.03077141 | -0.026551119 | 0.179472431 |
| ## MMSE_score | -0.054773235 | 0.13347414 | -0.047821124 | 0.042406364 |
| ## Animal_fluency_score | -0.053827801 | -0.02528784 | -0.042493906 | -0.136286001 |
| ## Boston_naming_test | -0.204992077 | 0.36846954 | -0.031212912 | 0.267022727 |
| ## Construction_praxis_score | -0.213847599 | 0.13232862 | 0.115201891 | 0.435132132 |
| ## Del_word_list_memory | 0.053606075 | -0.16240659 | 0.019315786 | -0.088320335 |
| ## IMM_word_list_recog | 0.038473472 | -0.13079259 | -0.005006961 | -0.109465501 |

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|--------------------------------|--------------|---------------|---------------|--------------|
| ## Word_list_recognition | 0.090680289 | -0.22372583 | 0.062041919 | -0.041487562 |
| ## Wechsler_logical_memory | 0.060947594 | -0.21649294 | 0.028807659 | -0.147532056 |
| ## Fuld_object_memory | 0.077777873 | -0.13704527 | 0.017577876 | -0.031429329 |
| ## Benton_vis_reten | -0.163319695 | 0.02679570 | 0.029695830 | 0.427279829 |
| ## Weight | 0.075620542 | 0.08323198 | 0.069623348 | -0.067883982 |
| ## Height | 0.099161335 | 0.04091138 | -0.040975389 | 0.098647032 |
| ## Pulse_obliteration_pressure | -0.379638405 | 0.04144755 | -0.412238188 | -0.138188566 |
| ## Vision | -0.507836785 | -0.25044376 | -0.311928007 | -0.171322798 |
| ## BPM | 0.064119214 | 0.09365452 | 0.045015690 | 0.039501250 |
| ## SystolicBP | 0.036867257 | 0.04279186 | 0.008562734 | -0.033020774 |
| ## DiastolicBP | 0.032104925 | 0.03486567 | 0.010465162 | -0.023795116 |
| ## | PC16 | PC17 | PC18 | |
| ## Television | 0.396890175 | 0.2778434848 | 0.3177264006 | |
| ## BoardGames | -0.241288998 | 0.0527839739 | 0.0388545591 | |
| ## ArtsCraft | 0.241657137 | 0.0534638823 | -0.0756536471 | |
| ## Write | -0.614748491 | -0.0706873959 | 0.1976966720 | |
| ## Computer | 0.396425861 | 0.0799369875 | -0.0628066235 | |
| ## CurrentEvents | 0.012518063 | -0.4250768558 | -0.5074232981 | |
| ## Memory | -0.042592104 | 0.0950735876 | 0.0031502793 | |
| ## Judgement | 0.043813803 | -0.0067879942 | 0.0003504456 | |
| ## Organization | 0.024811510 | -0.0111800655 | 0.0128553068 | |
| ## RecallConvo | -0.075813232 | 0.0766805377 | 0.0532651275 | |
| ## RememberUsingThings | -0.007348899 | -0.1199391658 | 0.2004818502 | |
| ## Learning | -0.003448267 | 0.0986971732 | -0.0037945863 | |
| ## FollowingStory | 0.022527341 | 0.0740821916 | -0.1687263955 | |
| ## DecisionMaking | 0.027890688 | -0.0623436035 | -0.0347937938 | |
| ## Arithmetic | -0.016884950 | -0.0628539271 | 0.0069352621 | |
| ## Reasoning | 0.033998888 | 0.0773196862 | -0.0516375645 | |
| ## GetAcrossRoom | 0.196690698 | -0.3225899346 | -0.0731095983 | |
| ## Bathing | 0.011471147 | 0.0745894227 | 0.1098353657 | |
| ## Eating | -0.234133039 | 0.5551667424 | -0.2366051951 | |
| ## GetOutOfBed | 0.096326409 | -0.0952304327 | 0.1003256804 | |
| ## MMSE_score | -0.095852954 | 0.0612070231 | -0.4061198342 | |
| ## Animal_fluency_score | -0.009097042 | -0.1743487300 | 0.2496520610 | |
| ## Boston_naming_test | -0.021957746 | 0.1945785890 | -0.1619531295 | |
| ## Construction_praxis_score | 0.021208253 | -0.1254175522 | 0.0334541263 | |
| ## Del_word_list_memory | -0.058796592 | -0.0346469041 | 0.1299133781 | |
| ## IMM_word_list_recog | -0.062449582 | -0.0324063529 | 0.1347884800 | |
| ## Word_list_recognition | -0.066530734 | 0.0164747100 | 0.1445475521 | |
| ## Wechsler_logical_memory | -0.042708098 | -0.0655611000 | -0.2051839573 | |
| ## Fuld_object_memory | 0.109504417 | 0.3205958952 | -0.1086012411 | |
| ## Benton_vis_reten | 0.068154722 | 0.0343314762 | -0.1432639976 | |
| ## Weight | -0.070917317 | 0.0321433420 | -0.1251468534 | |
| ## Height | 0.085340726 | 0.0114855735 | 0.1279664649 | |
| ## Pulse_obliteration_pressure | -0.031677530 | -0.0983068635 | 0.0792460498 | |
| ## Vision | -0.041330885 | 0.1714975689 | 0.0603379425 | |
| ## BPM | -0.123429874 | -0.0185922240 | 0.0501193908 | |
| ## SystolicBP | 0.036146296 | -0.0006803698 | 0.0246526445 | |
| ## DiastolicBP | 0.053075683 | -0.0235086785 | 0.0468664047 | |
| ## | PC19 | PC20 | PC21 | PC22 |
| ## Television | -0.118222584 | -0.228195397 | 0.011971346 | 0.109922893 |
| ## BoardGames | -0.068527109 | -0.042667298 | 0.025320365 | 0.045792655 |
| ## ArtsCraft | 0.048709508 | -0.031554630 | 0.024324375 | -0.007449488 |
| ## Write | -0.208728223 | 0.047487535 | -0.063378584 | 0.003139761 |

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|--------------------------------|---------------|--------------|---------------|--------------|
| ## Computer | 0.003974519 | -0.101463534 | -0.080442074 | 0.004495572 |
| ## CurrentEvents | 0.314742104 | 0.139657133 | 0.201398940 | 0.014974249 |
| ## Memory | -0.066015348 | -0.026069482 | -0.015706060 | -0.106522350 |
| ## Judgement | -0.034118144 | -0.058988070 | -0.058822773 | -0.092341414 |
| ## Organization | -0.024627913 | -0.120659139 | -0.090927983 | -0.088062133 |
| ## RecallConvo | -0.160356373 | -0.073913971 | 0.199967049 | 0.387496669 |
| ## RememberUsingThings | 0.037259606 | -0.001940742 | -0.160786634 | -0.185876407 |
| ## Learning | 0.027599177 | 0.085957604 | 0.035005172 | 0.052947747 |
| ## FollowingStory | 0.041613089 | -0.085291521 | 0.116604200 | -0.352106053 |
| ## DecisionMaking | -0.034123901 | 0.047654032 | -0.132993114 | 0.015165001 |
| ## Arithmetic | 0.036573656 | 0.046161467 | 0.002160599 | -0.094029819 |
| ## Reasoning | -0.056046135 | -0.009325321 | -0.020139942 | 0.203776686 |
| ## GetAcrossRoom | -0.232470801 | -0.024145712 | -0.094578992 | 0.139654737 |
| ## Bathing | -0.122846312 | 0.087408849 | 0.229893281 | -0.449409176 |
| ## Eating | 0.461265121 | -0.249906729 | -0.211877589 | 0.060074528 |
| ## GetOutOfBed | 0.033505330 | 0.073127176 | 0.002033075 | 0.169026863 |
| ## MMSE_score | -0.275919423 | -0.146495628 | -0.043170794 | 0.167768010 |
| ## Animal_fluency_score | 0.299296782 | 0.208047003 | -0.620044141 | 0.080958796 |
| ## Boston_naming_test | 0.124242525 | 0.247539391 | -0.022104875 | -0.164561767 |
| ## Construction_praxis_score | 0.209401816 | -0.270047690 | 0.147345810 | -0.186776647 |
| ## Del_word_list_memory | 0.099910232 | -0.073039021 | 0.261820194 | 0.046203968 |
| ## IMM_word_list_recog | 0.117660981 | -0.119316581 | 0.189485608 | 0.053482578 |
| ## Word_list_recognition | 0.141315340 | 0.025286487 | 0.275962130 | 0.148851542 |
| ## Wechsler_logical_memory | -0.360799758 | -0.377655708 | -0.323925443 | -0.294642293 |
| ## Fuld_object_memory | -0.232196404 | 0.654502231 | -0.010835676 | -0.091076436 |
| ## Benton_vis_retent | 0.011893357 | -0.004996272 | -0.103269310 | 0.291759717 |
| ## Weight | -0.142761909 | 0.052524597 | -0.072025179 | 0.126700148 |
| ## Height | 0.162998553 | 0.013929171 | -0.071506678 | -0.139078845 |
| ## Pulse_obliteration_pressure | 0.008891998 | 0.004061858 | 0.039038560 | -0.041165320 |
| ## Vision | -0.093773328 | 0.001301978 | 0.108756434 | -0.010506118 |
| ## BPM | -0.044572110 | -0.002285619 | -0.038884557 | -0.023548251 |
| ## SystolicBP | 0.027190762 | -0.015452042 | 0.011393370 | -0.011221587 |
| ## DiastolicBP | -0.018617638 | -0.017372121 | 0.004143581 | 0.014675710 |
| ## | PC23 | PC24 | PC25 | |
| ## Television | 0.0133075108 | 0.122882893 | -0.0007561861 | |
| ## BoardGames | -0.0641803967 | 0.030072805 | -0.0696114877 | |
| ## ArtsCraft | 0.0077263863 | -0.037569140 | 0.0978608931 | |
| ## Write | 0.0918356291 | -0.067338668 | -0.0566428735 | |
| ## Computer | 0.0043615704 | 0.060396965 | -0.0336550724 | |
| ## CurrentEvents | -0.1576744378 | 0.190370585 | -0.0786875842 | |
| ## Memory | -0.1602950528 | -0.125632982 | 0.0823287643 | |
| ## Judgement | 0.0600856665 | 0.057652743 | -0.0491021125 | |
| ## Organization | 0.1072883784 | 0.084503983 | 0.0785512074 | |
| ## RecallConvo | -0.4566449316 | -0.065236851 | -0.1968692234 | |
| ## RememberUsingThings | -0.1048073953 | 0.220501843 | 0.3573208274 | |
| ## Learning | -0.1910853413 | -0.220018763 | 0.0969478977 | |
| ## FollowingStory | -0.1487406451 | -0.307762097 | -0.0379271714 | |
| ## DecisionMaking | 0.2509646702 | 0.171527988 | 0.0228268015 | |
| ## Arithmetic | 0.5560513857 | 0.037856700 | -0.0293587203 | |
| ## Reasoning | 0.1739105604 | 0.113013765 | -0.2004241219 | |
| ## GetAcrossRoom | 0.1411253795 | -0.486175794 | 0.2788151173 | |
| ## Bathing | -0.2194792045 | 0.369202634 | 0.1341024508 | |
| ## Eating | 0.0725074191 | -0.017530942 | 0.1338858977 | |
| ## GetOutOfBed | 0.0464222901 | 0.284393268 | -0.4261909505 | |

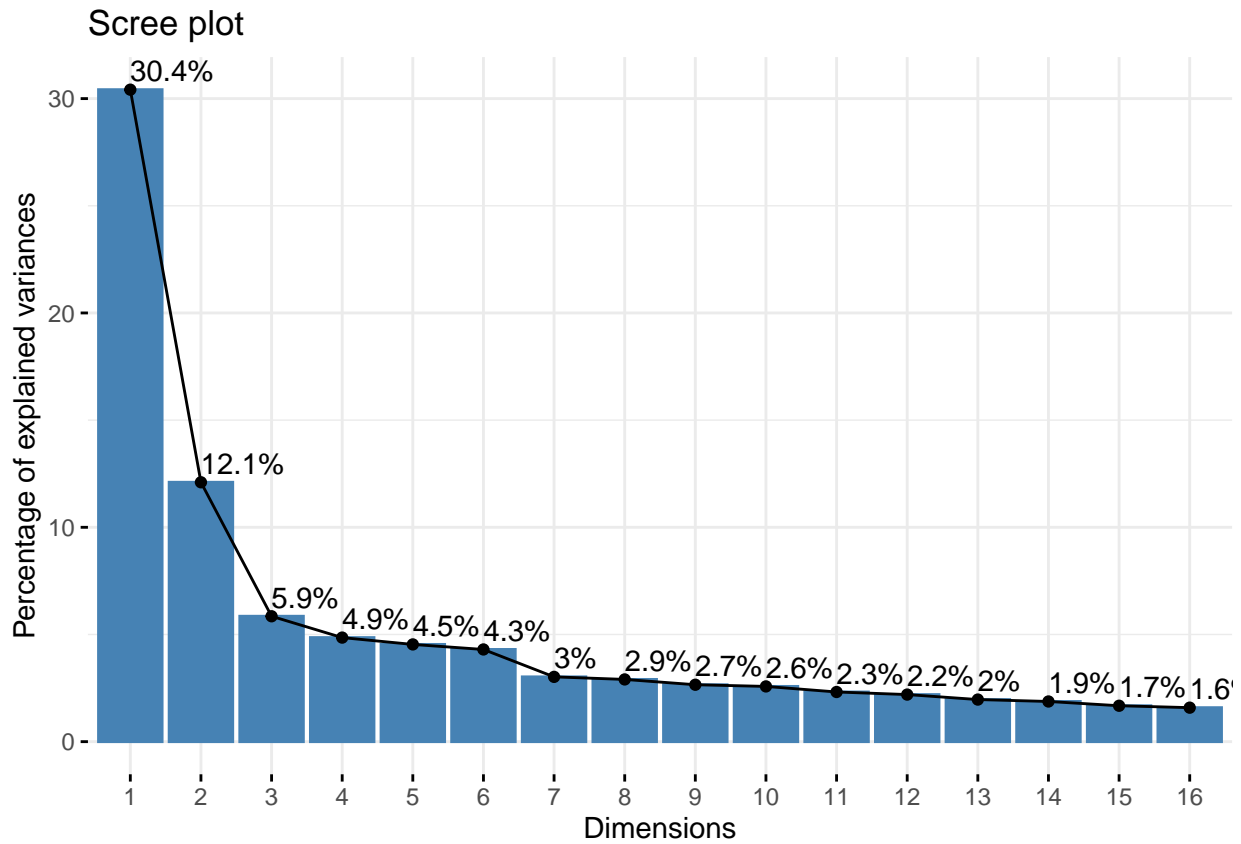
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|--------------------------------|---------------|--------------|---------------|
| ## MMSE_score | 0.0292328593 | 0.048886522 | 0.1431846238 |
| ## Animal_fluency_score | -0.2584296219 | -0.003618102 | 0.0321699696 |
| ## Boston_naming_test | 0.0989772789 | 0.001622997 | -0.2188800968 |
| ## Construction_praxis_score | -0.0997743581 | -0.045086965 | 0.1070492312 |
| ## Del_word_list_memory | 0.1744387087 | -0.083468272 | 0.0468601542 |
| ## IMM_word_list_recog | 0.1599186740 | -0.048465270 | 0.0986099333 |
| ## Word_list_recognition | 0.0058406251 | 0.077146885 | 0.0258342302 |
| ## Wechsler_logical_memory | -0.0822211596 | 0.077304359 | -0.3283615572 |
| ## Fuld_object_memory | 0.0196908657 | -0.103337712 | 0.0429851398 |
| ## Benton_vis_reten | -0.0758233671 | 0.106573747 | 0.0983941265 |
| ## Weight | -0.0722100689 | 0.276220814 | 0.3169753937 |
| ## Height | -0.0452567816 | -0.306119357 | -0.3553189608 |
| ## Pulse_obliteration_pressure | 0.0336476029 | 0.024603999 | 0.0454054667 |
| ## Vision | -0.0001457849 | -0.001232017 | 0.0328901282 |
| ## BPM | 0.0104790331 | -0.008500925 | -0.0047978975 |
| ## SystolicBP | 0.0063043164 | 0.003206637 | -0.0357343733 |
| ## DiastolicBP | -0.0240105056 | 0.001801615 | 0.0395303469 |
| ## | PC26 | PC27 | PC28 |
| ## Television | -0.0158569787 | -0.012499143 | -0.033868308 |
| ## BoardGames | -0.0001301672 | 0.045026872 | 0.059689848 |
| ## ArtsCraft | 0.0085622829 | -0.010956364 | -0.018581076 |
| ## Write | -0.0228482783 | 0.033163669 | -0.078273424 |
| ## Computer | -0.0441808815 | -0.021669313 | 0.016976248 |
| ## CurrentEvents | -0.1253994728 | -0.082520329 | -0.121494322 |
| ## Memory | -0.0100022381 | -0.082651743 | 0.225918438 |
| ## Judgement | -0.0340654660 | 0.105567318 | 0.038351879 |
| ## Organization | 0.1360432560 | 0.087002243 | -0.138191964 |
| ## RecallConvo | -0.1142052811 | -0.275842358 | 0.026379358 |
| ## RememberUsingThings | 0.1579120620 | -0.275015458 | -0.511459886 |
| ## Learning | 0.0766011365 | 0.282029238 | -0.252767792 |
| ## FollowingStory | 0.4305365254 | 0.117105325 | 0.333820838 |
| ## DecisionMaking | -0.1209294592 | 0.366355977 | -0.099612361 |
| ## Arithmetic | 0.0139936487 | -0.341166097 | 0.258505424 |
| ## Reasoning | -0.4741258701 | 0.034315114 | 0.142380347 |
| ## GetAcrossRoom | -0.1151712389 | -0.182126634 | -0.036368747 |
| ## Bathing | -0.2698403610 | -0.102589671 | 0.103441244 |
| ## Eating | -0.0890386543 | -0.076603792 | -0.101797754 |
| ## GetOutOfBed | 0.4326728875 | 0.243975037 | -0.052362252 |
| ## MMSE_score | -0.0055585293 | 0.221182823 | -0.177380884 |
| ## Animal_fluency_score | -0.0906904709 | 0.054576214 | 0.291328960 |
| ## Boston_naming_test | 0.0769056031 | -0.292916486 | -0.054518323 |
| ## Construction_praxis_score | -0.2699327303 | 0.325172075 | 0.097115219 |
| ## Del_word_list_memory | 0.0886932155 | 0.007561511 | -0.006616683 |
| ## IMM_word_list_recog | 0.0734152970 | 0.019632457 | 0.036639658 |
| ## Word_list_recognition | 0.0226874541 | -0.114994844 | -0.071693134 |
| ## Wechsler_logical_memory | -0.0013415566 | -0.155544917 | -0.072613748 |
| ## Fuld_object_memory | -0.0730487842 | 0.114248752 | -0.091835850 |
| ## Benton_vis_reten | 0.2448765947 | -0.234991279 | 0.075099010 |
| ## Weight | 0.1249722440 | 0.078411423 | 0.337230701 |
| ## Height | -0.1518209161 | -0.007257401 | -0.269312710 |
| ## Pulse_obliteration_pressure | -0.0509660625 | 0.029697212 | 0.003788510 |
| ## Vision | -0.0211469831 | 0.016420474 | -0.023064260 |
| ## BPM | 0.0050639005 | -0.002439626 | 0.026859876 |
| ## SystolicBP | -0.0339847369 | 0.009426152 | -0.008292820 |

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|--------------------------------|---------------|--------------|---------------|
| ## DiastolicBP | 0.0516924560 | -0.030019991 | 0.014022226 |
| ## | PC29 | PC30 | PC31 |
| ## Television | -0.010867119 | -0.029755464 | -0.0198079980 |
| ## BoardGames | 0.057647492 | -0.000437051 | 0.0197594290 |
| ## ArtsCraft | -0.016795715 | 0.003456167 | 0.0078102423 |
| ## Write | -0.022298064 | -0.007399929 | -0.0373873972 |
| ## Computer | -0.016086292 | 0.008254317 | 0.0169825821 |
| ## CurrentEvents | -0.063208742 | -0.020185659 | 0.0055711983 |
| ## Memory | -0.045654104 | 0.040853579 | 0.0191932913 |
| ## Judgement | -0.020453684 | 0.054097521 | -0.0492197319 |
| ## Organization | 0.056103488 | -0.044157132 | 0.1584333326 |
| ## RecallConvo | 0.167516685 | -0.233199011 | -0.0223379633 |
| ## RememberUsingThings | 0.104864492 | -0.187324229 | 0.1810598311 |
| ## Learning | -0.527761525 | 0.488966552 | 0.0831254465 |
| ## FollowingStory | 0.197259242 | -0.135177728 | -0.0965529133 |
| ## DecisionMaking | 0.458879221 | 0.148396720 | -0.4948602906 |
| ## Arithmetic | -0.369732501 | -0.267042587 | -0.0029542792 |
| ## Reasoning | -0.024452651 | 0.121417341 | 0.2574041695 |
| ## GetAcrossRoom | 0.173312005 | 0.093636312 | 0.0748777846 |
| ## Bathing | -0.175141939 | 0.056288793 | -0.2973893251 |
| ## Eating | 0.052721634 | -0.069604381 | 0.0316575643 |
| ## GetOutOfBed | -0.054935950 | -0.139028449 | 0.2034268998 |
| ## MMSE_score | -0.198571925 | -0.376366954 | -0.1415071263 |
| ## Animal_fluency_score | -0.070101502 | -0.068617912 | -0.0511630706 |
| ## Boston_naming_test | 0.255663102 | 0.322059609 | 0.1445309335 |
| ## Construction_praxis_score | 0.069939204 | -0.210004718 | 0.2807425942 |
| ## Del_word_list_memory | 0.016399612 | 0.105649376 | 0.0008004684 |
| ## IMM_word_list_recog | -0.126377221 | 0.006336667 | -0.1057783257 |
| ## Word_list_recognition | 0.204404947 | 0.122434538 | 0.0229140098 |
| ## Wechsler_logical_memory | -0.032342822 | 0.194800720 | 0.1025639855 |
| ## Fuld_object_memory | 0.039771847 | -0.273030601 | 0.1366801649 |
| ## Benton_vis_retention | -0.147850640 | 0.094582841 | -0.4284134517 |
| ## Weight | 0.059078561 | 0.099016610 | 0.2569984049 |
| ## Height | -0.115066670 | -0.215446263 | -0.2409571431 |
| ## Pulse_obliteration_pressure | -0.009579909 | -0.021326371 | 0.0340114771 |
| ## Vision | -0.010439994 | 0.017453621 | 0.0025865581 |
| ## BPM | 0.022339138 | -0.019781960 | -0.0001453420 |
| ## SystolicBP | 0.009909621 | 0.024874084 | -0.0126514214 |
| ## DiastolicBP | -0.018860851 | -0.034656100 | 0.0146799055 |
| ## | PC32 | PC33 | PC34 |
| ## Television | 0.0160924455 | 0.078790061 | -0.0309550950 |
| ## BoardGames | -0.0078078026 | -0.038315406 | 0.0008898959 |
| ## ArtsCraft | 0.0050033493 | 0.018346836 | 0.0268487965 |
| ## Write | -0.0618580925 | -0.025560116 | -0.0225576571 |
| ## Computer | 0.0313354641 | -0.006787514 | -0.0031756458 |
| ## CurrentEvents | 0.0179254199 | 0.015552263 | 0.0610038919 |
| ## Memory | -0.2045105909 | 0.552180357 | 0.1690597527 |
| ## Judgement | -0.0131735437 | 0.039871985 | -0.0945397264 |
| ## Organization | 0.1682263932 | -0.620589809 | -0.1048432241 |
| ## RecallConvo | 0.3760226855 | -0.091538885 | 0.1138244685 |
| ## RememberUsingThings | -0.2366252460 | 0.110663635 | 0.1299125725 |
| ## Learning | 0.1909317702 | 0.026822738 | -0.0983336877 |
| ## FollowingStory | -0.2481876227 | -0.178353250 | -0.1223104180 |
| ## DecisionMaking | 0.2145328171 | 0.167198595 | 0.0797340421 |

| | | | |
|--------------------------------|---------------|--------------|---------------|
| ## Arithmetic | 0.3130132767 | 0.130358746 | -0.1510955223 |
| ## Reasoning | -0.5602035163 | -0.223214039 | 0.0506523785 |
| ## GetAcrossRoom | 0.0090363667 | -0.048728312 | -0.0460218660 |
| ## Bathing | 0.0001404632 | -0.188191808 | -0.0263139502 |
| ## Eating | 0.0731198015 | 0.004394427 | 0.0214167791 |
| ## GetOutOfBed | -0.0470711338 | 0.133956378 | 0.0642752748 |
| ## MMSE_score | -0.1430877638 | 0.071942448 | -0.1444185671 |
| ## Animal_fluency_score | 0.0353550235 | -0.086315394 | -0.0750147811 |
| ## Boston_naming_test | 0.0897856536 | -0.001343816 | 0.0745927518 |
| ## Construction_praxis_score | 0.1776788573 | 0.122471806 | -0.0123874298 |
| ## Del_word_list_memory | -0.0235716190 | -0.037515385 | 0.3864031249 |
| ## IMM_word_list_recog | -0.0145961000 | -0.143994814 | 0.3597939218 |
| ## Word_list_recognition | -0.0976796577 | 0.147601296 | -0.7207131921 |
| ## Wechsler_logical_memory | 0.1275560381 | 0.070638689 | -0.0033359779 |
| ## Fuld_object_memory | 0.0642333107 | -0.020589329 | 0.0615148692 |
| ## Benton_vis_reten | -0.2004671707 | -0.115527878 | 0.0260865691 |
| ## Weight | 0.1245911357 | 0.027463959 | 0.0957067853 |
| ## Height | -0.1004122203 | -0.015638832 | 0.0247102732 |
| ## Pulse_obliteration_pressure | -0.0578394241 | -0.007176761 | -0.0435577273 |
| ## Vision | 0.0056726408 | 0.005373431 | -0.0025938743 |
| ## BPM | -0.0123839099 | -0.012381949 | 0.0032503812 |
| ## SystolicBP | -0.0231150827 | 0.042944461 | 0.0590846002 |
| ## DiastolicBP | 0.0373814682 | -0.048440030 | -0.0437365528 |
| ## | PC35 | PC36 | PC37 |
| ## Television | -4.118652e-03 | -0.008876572 | 0.027622712 |
| ## BoardGames | 3.109447e-02 | 0.018368936 | -0.006712636 |
| ## ArtsCraft | -2.842043e-02 | -0.015540039 | -0.009465472 |
| ## Write | -9.237155e-03 | 0.003725560 | 0.008740767 |
| ## Computer | -1.531937e-02 | -0.004698344 | 0.007293637 |
| ## CurrentEvents | -3.964038e-02 | 0.017447963 | 0.008711619 |
| ## Memory | -4.148236e-01 | -0.042786304 | -0.011066705 |
| ## Judgement | 7.616587e-01 | 0.154930594 | -0.011317675 |
| ## Organization | -3.642292e-01 | -0.155030392 | 0.057940010 |
| ## RecallConvo | 6.914773e-02 | -0.021569194 | -0.004480754 |
| ## RememberUsingThings | 1.125533e-01 | 0.009097954 | -0.021684594 |
| ## Learning | -6.272809e-03 | -0.007443643 | 0.006529102 |
| ## FollowingStory | 6.798644e-02 | -0.012307525 | 0.008070994 |
| ## DecisionMaking | -1.396575e-01 | 0.027430871 | -0.014729047 |
| ## Arithmetic | -2.143336e-02 | -0.043859757 | 0.049152201 |
| ## Reasoning | -4.545456e-02 | 0.042665800 | -0.004667220 |
| ## GetAcrossRoom | 3.041588e-02 | -0.005889508 | -0.019259713 |
| ## Bathing | -4.339931e-02 | -0.006928327 | 0.063544738 |
| ## Eating | 2.819199e-02 | 0.039968334 | 0.028024165 |
| ## GetOutOfBed | -6.402507e-02 | 0.004397999 | -0.018030924 |
| ## MMSE_score | -1.046260e-02 | -0.034525735 | 0.073442061 |
| ## Animal_fluency_score | -5.625126e-03 | -0.033186854 | 0.075826018 |
| ## Boston_naming_test | 1.682642e-02 | 0.032541945 | -0.065924803 |
| ## Construction_praxis_score | -7.766387e-04 | 0.007969437 | -0.020543464 |
| ## Del_word_list_memory | 7.072724e-02 | -0.016233354 | 0.689334609 |
| ## IMM_word_list_recog | 5.011665e-03 | 0.070314302 | -0.694309385 |
| ## Word_list_recognition | -6.949566e-02 | -0.045920474 | -0.048290646 |
| ## Wechsler_logical_memory | -2.578679e-02 | 0.008778457 | -0.024559350 |
| ## Fuld_object_memory | 2.736577e-02 | 0.004553023 | -0.035613145 |
| ## Benton_vis_reten | 1.523808e-03 | -0.028956049 | 0.038235280 |

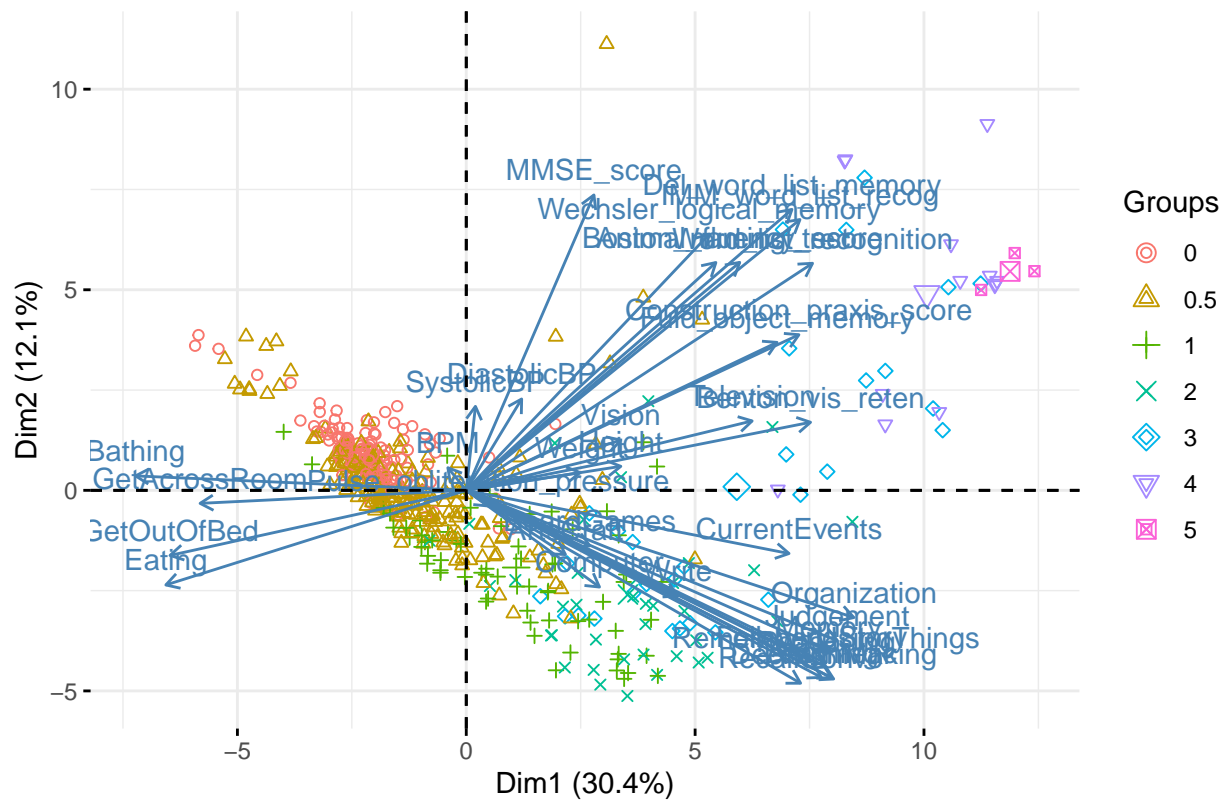
```
## Weight      8.749826e-02 -0.012755493 -0.007810636
## Height     -3.951436e-02  0.021259712  0.028376985
## Pulse obliteration pressure 1.256275e-05 -0.013620892  0.009613995
## Vision     -1.168910e-02 -0.008688188  0.006122425
## BPM        1.257257e-02 -0.006957838 -0.004170390
## SystolicBP 1.356345e-01 -0.681357529 -0.060268816
## DiastolicBP -1.414258e-01  0.682159673  0.055197144
```

```
fviz_eig(pca, addlabels = T, ncp = 16)
```

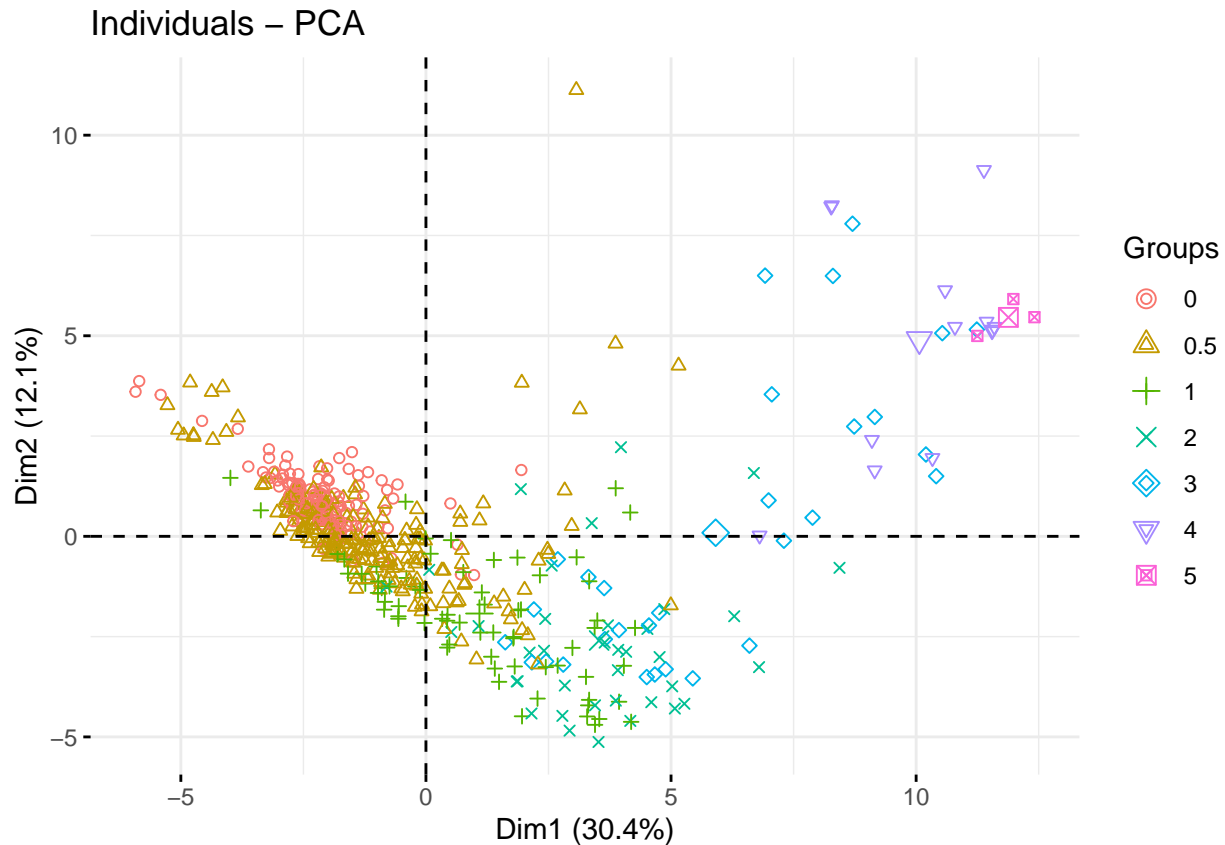


```
fviz_pca_biplot(pca, habillage = train_data$ADCDRSTG, geom="point")
```


PCA – Biplot



```
fviz_pca_ind(pca,
  col.ind = 'coord',
  geom="point",
  habillage = train_data$ADCDSTG)
```



```
# print PCA loadings
pca.loadings <- pca$rotation
pca.loadings
```

| | PC1 | PC2 | PC3 | PC4 |
|-------------------------|--------------|-------------|--------------|--------------|
| ## Television | 0.168586156 | 0.07402291 | 0.105949842 | -0.064664526 |
| ## BoardGames | 0.072877569 | -0.05921755 | 0.070989115 | 0.187356405 |
| ## ArtsCraft | 0.058504685 | -0.06850263 | 0.091188040 | 0.177121409 |
| ## Write | 0.124652644 | -0.11272541 | 0.157153823 | 0.131190513 |
| ## Computer | 0.078565700 | -0.10315163 | 0.149639257 | 0.202153434 |
| ## CurrentEvents | 0.190347341 | -0.06740108 | 0.096191212 | -0.002958213 |
| ## Memory | 0.213793306 | -0.17176852 | 0.025457997 | 0.065636262 |
| ## Judgement | 0.218875516 | -0.16056279 | 0.052120467 | 0.078467739 |
| ## Organization | 0.228588989 | -0.13572205 | 0.099698692 | 0.073032320 |
| ## RecallConvo | 0.197162643 | -0.20575207 | -0.184331014 | -0.074109326 |
| ## RememberUsingThings | 0.212072915 | -0.18438280 | -0.143451189 | -0.073481073 |
| ## Learning | 0.209431995 | -0.19952123 | -0.192913279 | -0.107479373 |
| ## FollowingStory | 0.203665451 | -0.18230377 | -0.180717168 | -0.123890277 |
| ## DecisionMaking | 0.216668743 | -0.20123316 | -0.166659379 | -0.104237555 |
| ## Arithmetic | 0.215320804 | -0.19965615 | -0.134710477 | -0.078188893 |
| ## Reasoning | 0.212005826 | -0.18842018 | -0.199217619 | -0.113584398 |
| ## GetAcrossRoom | -0.156967570 | -0.01389460 | -0.191771885 | -0.275798032 |
| ## Bathing | -0.195015973 | 0.01539300 | -0.229709939 | -0.223671595 |
| ## Eating | -0.177162256 | -0.10094864 | -0.125411489 | -0.147155299 |
| ## GetOutOfBed | -0.174705339 | -0.06941845 | -0.228965908 | -0.244019331 |
| ## MMSE_score | 0.075297958 | 0.31506779 | -0.179755323 | -0.016930278 |
| ## Animal_fluency_score | 0.161266429 | 0.24315790 | -0.126175690 | -0.033925598 |

| | | | | |
|--------------------------------|---------------|--------------|---------------|--------------|
| ## Boston_naming_test | 0.147203245 | 0.24302552 | -0.086984273 | 0.031020325 |
| ## Construction_praxis_score | 0.196178249 | 0.16598300 | 0.053122847 | 0.014595883 |
| ## Del_word_list_memory | 0.192068672 | 0.29964771 | -0.051127605 | -0.086848612 |
| ## IMM_word_list_recog | 0.196784124 | 0.28883362 | -0.060219121 | -0.103086669 |
| ## Word_list_recognition | 0.204207673 | 0.24218789 | -0.021423595 | -0.134268801 |
| ## Wechsler_logical_memory | 0.143341220 | 0.27338206 | -0.008151018 | -0.105140065 |
| ## Fuld_object_memory | 0.183273589 | 0.15778505 | 0.060308226 | 0.005914410 |
| ## Benton_vis_reten | 0.203033147 | 0.07259237 | 0.169995119 | 0.047368807 |
| ## Weight | 0.067155399 | 0.01898714 | 0.135998341 | -0.346244280 |
| ## Height | 0.091161465 | 0.02560316 | 0.161479417 | -0.313905370 |
| ## Pulse_obliteration_pressure | 0.012996165 | -0.01668947 | 0.127132954 | 0.086755611 |
| ## Vision | 0.091127806 | 0.05364784 | 0.048593439 | -0.041701892 |
| ## BPM | -0.010845849 | 0.02415400 | -0.065970120 | -0.101341909 |
| ## SystolicBP | 0.005407059 | 0.08957742 | -0.440080505 | 0.375732280 |
| ## DiastolicBP | 0.032663659 | 0.09744149 | -0.423079949 | 0.386286272 |
| ## | PC5 | PC6 | PC7 | |
| ## Television | 0.1025962227 | -0.078239957 | 0.0672593108 | |
| ## BoardGames | 0.2072821831 | -0.241069891 | -0.1879832896 | |
| ## ArtsCraft | 0.1263155295 | -0.198038280 | -0.2019884554 | |
| ## Write | 0.0408132105 | -0.331341198 | 0.0472847496 | |
| ## Computer | 0.0290046486 | -0.220004718 | 0.0610272318 | |
| ## CurrentEvents | 0.0464787406 | -0.212479663 | 0.0170256143 | |
| ## Memory | 0.0353427606 | -0.188617647 | 0.1020689800 | |
| ## Judgement | 0.0288009494 | -0.207176812 | 0.0693317345 | |
| ## Organization | -0.0263043254 | -0.139148460 | 0.0380479806 | |
| ## RecallConvo | 0.0262175905 | 0.101416876 | 0.0679143892 | |
| ## RememberUsingThings | 0.0187122830 | 0.143483275 | -0.0786989776 | |
| ## Learning | 0.0219514231 | 0.101437249 | 0.0324330296 | |
| ## FollowingStory | 0.0438743090 | 0.077095234 | 0.0117290711 | |
| ## DecisionMaking | -0.0108538253 | 0.078291667 | -0.0006889172 | |
| ## Arithmetic | 0.0115187481 | 0.093680694 | -0.0601152044 | |
| ## Reasoning | 0.0009952252 | 0.129672598 | -0.0245882646 | |
| ## GetAcrossRoom | 0.1186997762 | -0.348152898 | 0.0501136857 | |
| ## Bathing | 0.1220429232 | -0.233734457 | 0.0576833719 | |
| ## Eating | 0.0350507872 | -0.224115157 | 0.1920825019 | |
| ## GetOutOfBed | 0.1295126399 | -0.285078346 | 0.0790123322 | |
| ## MMSE_score | 0.0871007539 | 0.070249038 | -0.0989103500 | |
| ## Animal_fluency_score | 0.1964296061 | -0.020173446 | -0.0657731040 | |
| ## Boston_naming_test | 0.0438599139 | 0.073641531 | -0.1283672709 | |
| ## Construction_praxis_score | 0.0319389883 | 0.064840330 | -0.0051273283 | |
| ## Del_word_list_memory | 0.0835990372 | -0.069724759 | 0.0890531080 | |
| ## IMM_word_list_recog | 0.0911566468 | -0.085197969 | 0.0808545732 | |
| ## Word_list_recognition | -0.0124324083 | -0.128743752 | 0.0802964785 | |
| ## Wechsler_logical_memory | 0.0207230625 | -0.002892537 | 0.1385868677 | |
| ## Fuld_object_memory | 0.0671086103 | -0.097073960 | 0.2463470270 | |
| ## Benton_vis_reten | -0.0635791969 | 0.010405165 | 0.1112890360 | |
| ## Weight | -0.5193938998 | -0.157010253 | -0.1154736087 | |
| ## Height | -0.4879927593 | -0.179639282 | -0.1433904852 | |
| ## Pulse_obliteration_pressure | -0.2388567496 | 0.135759852 | 0.5769938644 | |
| ## Vision | -0.0622592538 | -0.034643035 | -0.5553910654 | |
| ## BPM | -0.0659806308 | 0.163322957 | 0.1101647696 | |
| ## SystolicBP | -0.3302390646 | -0.173551353 | 0.0021296077 | |
| ## DiastolicBP | -0.3415297423 | -0.150427488 | -0.0004454711 | |
| ## | PC8 | PC9 | PC10 | PC11 |

| | | | | |
|--------------------------------|--------------|--------------|--------------|--------------|
| ## Television | -0.195185440 | 0.056678351 | 0.104246500 | -0.099671255 |
| ## BoardGames | 0.347874523 | 0.239551604 | -0.303956174 | 0.185642400 |
| ## ArtsCraft | 0.420402814 | -0.062091612 | -0.269938763 | -0.622671485 |
| ## Write | -0.014366327 | 0.016081148 | 0.052552422 | 0.003220858 |
| ## Computer | 0.092463373 | -0.156754606 | -0.290884872 | 0.567787862 |
| ## CurrentEvents | -0.232369549 | 0.049630731 | 0.012549563 | -0.059219717 |
| ## Memory | -0.173064232 | -0.264972732 | 0.084122945 | -0.029533246 |
| ## Judgement | -0.196349414 | -0.252239742 | 0.096966189 | -0.099151667 |
| ## Organization | -0.180938643 | -0.219537688 | 0.094519448 | -0.060004767 |
| ## RecallConvo | 0.075160176 | -0.117023003 | 0.018022799 | -0.037109969 |
| ## RememberUsingThings | 0.101266197 | 0.074291710 | -0.030935085 | 0.082379209 |
| ## Learning | 0.077456320 | 0.041132203 | -0.050844038 | 0.049466276 |
| ## FollowingStory | 0.050659116 | 0.077991355 | 0.012471967 | 0.027102701 |
| ## DecisionMaking | 0.065422790 | 0.058593288 | -0.013244839 | -0.006109806 |
| ## Arithmetic | 0.077813220 | 0.077416085 | -0.020945172 | 0.021249602 |
| ## Reasoning | 0.061671853 | 0.069730009 | 0.005490395 | -0.017606196 |
| ## GetAcrossRoom | -0.034299555 | 0.063530820 | -0.013369404 | -0.028398776 |
| ## Bathing | 0.071750933 | -0.047808591 | -0.024281400 | -0.003829205 |
| ## Eating | -0.052785217 | 0.096078083 | 0.006303021 | -0.057105925 |
| ## GetOutOfBed | 0.012035112 | 0.035934760 | -0.027989102 | -0.102185510 |
| ## MMSE_score | 0.119492002 | -0.367282350 | 0.003018634 | 0.046185602 |
| ## Animal_fluency_score | 0.021837349 | -0.115291317 | 0.019731892 | -0.048640362 |
| ## Boston_naming_test | 0.117593537 | -0.304068436 | 0.002747912 | 0.004232073 |
| ## Construction_praxis_score | 0.008479953 | 0.286292748 | -0.019082023 | 0.016056356 |
| ## Del_word_list_memory | 0.044254889 | -0.043126440 | -0.029735486 | 0.054885327 |
| ## IMM_word_list_recog | 0.030471901 | -0.089245312 | -0.010125745 | 0.050389884 |
| ## Word_list_recognition | 0.044430091 | -0.002609977 | -0.047624832 | 0.050179455 |
| ## Wechsler_logical_memory | 0.032319341 | 0.239000370 | 0.004629137 | -0.087541056 |
| ## Fuld_object_memory | -0.069704380 | 0.264379946 | -0.011938082 | -0.004214011 |
| ## Benton_vis_retent | -0.050587544 | 0.385450863 | -0.022771436 | -0.050606576 |
| ## Weight | 0.153222745 | -0.046809511 | -0.025636339 | 0.065763308 |
| ## Height | 0.139658941 | -0.060592475 | -0.055111753 | 0.046903278 |
| ## Pulse_obliteration_pressure | 0.284166240 | -0.133326309 | -0.031639718 | -0.313401794 |
| ## Vision | -0.308302966 | 0.093264405 | 0.017230346 | -0.247591148 |
| ## BPM | -0.429066811 | -0.101235726 | -0.833551852 | -0.106522708 |
| ## SystolicBP | -0.059864166 | 0.104853566 | 0.011470492 | -0.006572998 |
| ## DiastolicBP | -0.062008703 | 0.080555742 | 0.005628427 | -0.022069512 |
| ## | PC12 | PC13 | PC14 | PC15 |
| ## Television | 0.101111540 | 0.58775857 | -0.040875325 | -0.263814295 |
| ## BoardGames | 0.250361888 | 0.14175074 | -0.575955248 | 0.032337179 |
| ## ArtsCraft | 0.089080465 | -0.09288030 | 0.334990974 | -0.033214846 |
| ## Write | -0.268801189 | 0.24869692 | 0.406496564 | -0.103402851 |
| ## Computer | -0.405633034 | -0.17123587 | 0.133456620 | -0.146322016 |
| ## CurrentEvents | 0.039233258 | 0.18554332 | -0.064614228 | -0.298604001 |
| ## Memory | 0.115593060 | -0.11794153 | -0.125038116 | 0.185438560 |
| ## Judgement | 0.108371585 | -0.13801976 | -0.097182550 | 0.211635102 |
| ## Organization | 0.143756576 | -0.08870642 | -0.112110222 | 0.203004169 |
| ## RecallConvo | -0.056374673 | -0.08725826 | 0.054449842 | 0.029144252 |
| ## RememberUsingThings | -0.023416969 | -0.02637976 | -0.001199831 | -0.008859591 |
| ## Learning | -0.036876844 | 0.06573603 | -0.006146928 | -0.014756048 |
| ## FollowingStory | -0.077625870 | 0.11387106 | 0.056776243 | -0.219014796 |
| ## DecisionMaking | -0.015107316 | -0.02945879 | -0.008624834 | -0.036990118 |
| ## Arithmetic | -0.007112063 | 0.02624182 | -0.032728635 | -0.010882563 |
| ## Reasoning | 0.002175256 | -0.02855858 | 0.059087257 | 0.010470264 |

| | | | | |
|--------------------------------|--------------|---------------|---------------|--------------|
| ## GetAcrossRoom | -0.127874208 | 0.10317533 | -0.129010152 | 0.106825429 |
| ## Bathing | -0.081040097 | 0.03266290 | 0.013734468 | 0.118516294 |
| ## Eating | -0.046786372 | -0.04759542 | -0.023020443 | -0.066167305 |
| ## GetOutOfBed | -0.178359756 | -0.03077141 | -0.026551119 | 0.179472431 |
| ## MMSE_score | -0.054773235 | 0.13347414 | -0.047821124 | 0.042406364 |
| ## Animal_fluency_score | -0.053827801 | -0.02528784 | -0.042493906 | -0.136286001 |
| ## Boston_naming_test | -0.204992077 | 0.36846954 | -0.031212912 | 0.267022727 |
| ## Construction_praxis_score | -0.213847599 | 0.13232862 | 0.115201891 | 0.435132132 |
| ## Del_word_list_memory | 0.053606075 | -0.16240659 | 0.019315786 | -0.088320335 |
| ## IMM_word_list_recog | 0.038473472 | -0.13079259 | -0.005006961 | -0.109465501 |
| ## Word_list_recognition | 0.090680289 | -0.22372583 | 0.062041919 | -0.041487562 |
| ## Wechsler_logical_memory | 0.060947594 | -0.21649294 | 0.028807659 | -0.147532056 |
| ## Fuld_object_memory | 0.077777873 | -0.13704527 | 0.017577876 | -0.031429329 |
| ## Benton_vis_reten | -0.163319695 | 0.02679570 | 0.029695830 | 0.427279829 |
| ## Weight | 0.075620542 | 0.08323198 | 0.069623348 | -0.067883982 |
| ## Height | 0.099161335 | 0.04091138 | -0.040975389 | 0.098647032 |
| ## Pulse_obliteration_pressure | -0.379638405 | 0.04144755 | -0.412238188 | -0.138188566 |
| ## Vision | -0.507836785 | -0.25044376 | -0.311928007 | -0.171322798 |
| ## BPM | 0.064119214 | 0.09365452 | 0.045015690 | 0.039501250 |
| ## SystolicBP | 0.036867257 | 0.04279186 | 0.008562734 | -0.033020774 |
| ## DiastolicBP | 0.032104925 | 0.03486567 | 0.010465162 | -0.023795116 |
| ## | PC16 | PC17 | PC18 | |
| ## Television | 0.396890175 | 0.2778434848 | 0.3177264006 | |
| ## BoardGames | -0.241288998 | 0.0527839739 | 0.0388545591 | |
| ## ArtsCraft | 0.241657137 | 0.0534638823 | -0.0756536471 | |
| ## Write | -0.614748491 | -0.0706873959 | 0.1976966720 | |
| ## Computer | 0.396425861 | 0.0799369875 | -0.0628066235 | |
| ## CurrentEvents | 0.012518063 | -0.4250768558 | -0.5074232981 | |
| ## Memory | -0.042592104 | 0.0950735876 | 0.0031502793 | |
| ## Judgement | 0.043813803 | -0.0067879942 | 0.0003504456 | |
| ## Organization | 0.024811510 | -0.0111800655 | 0.0128553068 | |
| ## RecallConvo | -0.075813232 | 0.0766805377 | 0.0532651275 | |
| ## RememberUsingThings | -0.007348899 | -0.1199391658 | 0.2004818502 | |
| ## Learning | -0.003448267 | 0.0986971732 | -0.0037945863 | |
| ## FollowingStory | 0.022527341 | 0.0740821916 | -0.1687263955 | |
| ## DecisionMaking | 0.027890688 | -0.0623436035 | -0.0347937938 | |
| ## Arithmetic | -0.016884950 | -0.0628539271 | 0.0069352621 | |
| ## Reasoning | 0.033998888 | 0.0773196862 | -0.0516375645 | |
| ## GetAcrossRoom | 0.196690698 | -0.3225899346 | -0.0731095983 | |
| ## Bathing | 0.011471147 | 0.0745894227 | 0.1098353657 | |
| ## Eating | -0.234133039 | 0.5551667424 | -0.2366051951 | |
| ## GetOutOfBed | 0.096326409 | -0.0952304327 | 0.1003256804 | |
| ## MMSE_score | -0.095852954 | 0.0612070231 | -0.4061198342 | |
| ## Animal_fluency_score | -0.009097042 | -0.1743487300 | 0.2496520610 | |
| ## Boston_naming_test | -0.021957746 | 0.1945785890 | -0.1619531295 | |
| ## Construction_praxis_score | 0.021208253 | -0.1254175522 | 0.0334541263 | |
| ## Del_word_list_memory | -0.058796592 | -0.0346469041 | 0.1299133781 | |
| ## IMM_word_list_recog | -0.062449582 | -0.0324063529 | 0.1347884800 | |
| ## Word_list_recognition | -0.066530734 | 0.0164747100 | 0.1445475521 | |
| ## Wechsler_logical_memory | -0.042708098 | -0.0655611000 | -0.2051839573 | |
| ## Fuld_object_memory | 0.109504417 | 0.3205958952 | -0.1086012411 | |
| ## Benton_vis_reten | 0.068154722 | 0.0343314762 | -0.1432639976 | |
| ## Weight | -0.070917317 | 0.0321433420 | -0.1251468534 | |
| ## Height | 0.085340726 | 0.0114855735 | 0.1279664649 | |

| | | | | |
|--------------------------------|---------------|---------------|---------------|--------------|
| ## Pulse_obliteration_pressure | -0.031677530 | -0.0983068635 | 0.0792460498 | |
| ## Vision | -0.041330885 | 0.1714975689 | 0.0603379425 | |
| ## BPM | -0.123429874 | -0.0185922240 | 0.0501193908 | |
| ## SystolicBP | 0.036146296 | -0.0006803698 | 0.0246526445 | |
| ## DiastolicBP | 0.053075683 | -0.0235086785 | 0.0468664047 | |
| ## | PC19 | PC20 | PC21 | PC22 |
| ## Television | -0.118222584 | -0.228195397 | 0.011971346 | 0.109922893 |
| ## BoardGames | -0.068527109 | -0.042667298 | 0.025320365 | 0.045792655 |
| ## ArtsCraft | 0.048709508 | -0.031554630 | 0.024324375 | -0.007449488 |
| ## Write | -0.208728223 | 0.047487535 | -0.063378584 | 0.003139761 |
| ## Computer | 0.003974519 | -0.101463534 | -0.080442074 | 0.004495572 |
| ## CurrentEvents | 0.314742104 | 0.139657133 | 0.201398940 | 0.014974249 |
| ## Memory | -0.066015348 | -0.026069482 | -0.015706060 | -0.106522350 |
| ## Judgement | -0.034118144 | -0.058988070 | -0.058822773 | -0.092341414 |
| ## Organization | -0.024627913 | -0.120659139 | -0.090927983 | -0.088062133 |
| ## RecallConvo | -0.160356373 | -0.073913971 | 0.199967049 | 0.387496669 |
| ## RememberUsingThings | 0.037259606 | -0.001940742 | -0.160786634 | -0.185876407 |
| ## Learning | 0.027599177 | 0.085957604 | 0.035005172 | 0.052947747 |
| ## FollowingStory | 0.041613089 | -0.085291521 | 0.116604200 | -0.352106053 |
| ## DecisionMaking | -0.034123901 | 0.047654032 | -0.132993114 | 0.015165001 |
| ## Arithmetic | 0.036573656 | 0.046161467 | 0.002160599 | -0.094029819 |
| ## Reasoning | -0.056046135 | -0.009325321 | -0.020139942 | 0.203776686 |
| ## GetAcrossRoom | -0.232470801 | -0.024145712 | -0.094578992 | 0.139654737 |
| ## Bathing | -0.122846312 | 0.087408849 | 0.229893281 | -0.449409176 |
| ## Eating | 0.461265121 | -0.249906729 | -0.211877589 | 0.060074528 |
| ## GetOutOfBed | 0.033505330 | 0.073127176 | 0.002033075 | 0.169026863 |
| ## MMSE_score | -0.275919423 | -0.146495628 | -0.043170794 | 0.167768010 |
| ## Animal_fluency_score | 0.299296782 | 0.208047003 | -0.620044141 | 0.080958796 |
| ## Boston_naming_test | 0.124242525 | 0.247539391 | -0.022104875 | -0.164561767 |
| ## Construction_praxis_score | 0.209401816 | -0.270047690 | 0.147345810 | -0.186776647 |
| ## Del_word_list_memory | 0.099910232 | -0.073039021 | 0.261820194 | 0.046203968 |
| ## IMM_word_list_recog | 0.117660981 | -0.119316581 | 0.189485608 | 0.053482578 |
| ## Word_list_recognition | 0.141315340 | 0.025286487 | 0.275962130 | 0.148851542 |
| ## Wechsler_logical_memory | -0.360799758 | -0.377655708 | -0.323925443 | -0.294642293 |
| ## Fuld_object_memory | -0.232196404 | 0.654502231 | -0.010835676 | -0.091076436 |
| ## Benton_vis_retention | 0.011893357 | -0.004996272 | -0.103269310 | 0.291759717 |
| ## Weight | -0.142761909 | 0.052524597 | -0.072025179 | 0.126700148 |
| ## Height | 0.162998553 | 0.013929171 | -0.071506678 | -0.139078845 |
| ## Pulse_obliteration_pressure | 0.008891998 | 0.004061858 | 0.039038560 | -0.041165320 |
| ## Vision | -0.093773328 | 0.001301978 | 0.108756434 | -0.010506118 |
| ## BPM | -0.044572110 | -0.002285619 | -0.038884557 | -0.023548251 |
| ## SystolicBP | 0.027190762 | -0.015452042 | 0.011393370 | -0.011221587 |
| ## DiastolicBP | -0.018617638 | -0.017372121 | 0.004143581 | 0.014675710 |
| ## | PC23 | PC24 | PC25 | |
| ## Television | 0.0133075108 | 0.122882893 | -0.0007561861 | |
| ## BoardGames | -0.0641803967 | 0.030072805 | -0.0696114877 | |
| ## ArtsCraft | 0.0077263863 | -0.037569140 | 0.0978608931 | |
| ## Write | 0.0918356291 | -0.067338668 | -0.0566428735 | |
| ## Computer | 0.0043615704 | 0.060396965 | -0.0336550724 | |
| ## CurrentEvents | -0.1576744378 | 0.190370585 | -0.0786875842 | |
| ## Memory | -0.1602950528 | -0.125632982 | 0.0823287643 | |
| ## Judgement | 0.0600856665 | 0.057652743 | -0.0491021125 | |
| ## Organization | 0.1072883784 | 0.084503983 | 0.0785512074 | |
| ## RecallConvo | -0.4566449316 | -0.065236851 | -0.1968692234 | |

| | | | |
|--------------------------------|---------------|--------------|---------------|
| ## RememberUsingThings | -0.1048073953 | 0.220501843 | 0.3573208274 |
| ## Learning | -0.1910853413 | -0.220018763 | 0.0969478977 |
| ## FollowingStory | -0.1487406451 | -0.307762097 | -0.0379271714 |
| ## DecisionMaking | 0.2509646702 | 0.171527988 | 0.0228268015 |
| ## Arithmetic | 0.5560513857 | 0.037856700 | -0.0293587203 |
| ## Reasoning | 0.1739105604 | 0.113013765 | -0.2004241219 |
| ## GetAcrossRoom | 0.1411253795 | -0.486175794 | 0.2788151173 |
| ## Bathing | -0.2194792045 | 0.369202634 | 0.1341024508 |
| ## Eating | 0.0725074191 | -0.017530942 | 0.1338858977 |
| ## GetOutOfBed | 0.0464222901 | 0.284393268 | -0.4261909505 |
| ## MMSE_score | 0.0292328593 | 0.048886522 | 0.1431846238 |
| ## Animal_fluency_score | -0.2584296219 | -0.003618102 | 0.0321699696 |
| ## Boston_naming_test | 0.0989772789 | 0.001622997 | -0.2188800968 |
| ## Construction_praxis_score | -0.0997743581 | -0.045086965 | 0.1070492312 |
| ## Del_word_list_memory | 0.1744387087 | -0.083468272 | 0.0468601542 |
| ## IMM_word_list_recog | 0.1599186740 | -0.048465270 | 0.0986099333 |
| ## Word_list_recognition | 0.0058406251 | 0.077146885 | 0.0258342302 |
| ## Wechsler_logical_memory | -0.0822211596 | 0.077304359 | -0.3283615572 |
| ## Fuld_object_memory | 0.0196908657 | -0.103337712 | 0.0429851398 |
| ## Benton_vis_retention | -0.0758233671 | 0.106573747 | 0.0983941265 |
| ## Weight | -0.0722100689 | 0.276220814 | 0.3169753937 |
| ## Height | -0.0452567816 | -0.306119357 | -0.3553189608 |
| ## Pulse_obliteration_pressure | 0.0336476029 | 0.024603999 | 0.0454054667 |
| ## Vision | -0.0001457849 | -0.001232017 | 0.0328901282 |
| ## BPM | 0.0104790331 | -0.008500925 | -0.0047978975 |
| ## SystolicBP | 0.0063043164 | 0.003206637 | -0.0357343733 |
| ## DiastolicBP | -0.0240105056 | 0.001801615 | 0.0395303469 |
| ## | PC26 | PC27 | PC28 |
| ## Television | -0.0158569787 | -0.012499143 | -0.033868308 |
| ## BoardGames | -0.0001301672 | 0.045026872 | 0.059689848 |
| ## ArtsCraft | 0.0085622829 | -0.010956364 | -0.018581076 |
| ## Write | -0.0228482783 | 0.033163669 | -0.078273424 |
| ## Computer | -0.0441808815 | -0.021669313 | 0.016976248 |
| ## CurrentEvents | -0.1253994728 | -0.082520329 | -0.121494322 |
| ## Memory | -0.0100022381 | -0.082651743 | 0.225918438 |
| ## Judgement | -0.0340654660 | 0.105567318 | 0.038351879 |
| ## Organization | 0.1360432560 | 0.087002243 | -0.138191964 |
| ## RecallConvo | -0.1142052811 | -0.275842358 | 0.026379358 |
| ## RememberUsingThings | 0.1579120620 | -0.275015458 | -0.511459886 |
| ## Learning | 0.0766011365 | 0.282029238 | -0.252767792 |
| ## FollowingStory | 0.4305365254 | 0.117105325 | 0.333820838 |
| ## DecisionMaking | -0.1209294592 | 0.366355977 | -0.099612361 |
| ## Arithmetic | 0.0139936487 | -0.341166097 | 0.258505424 |
| ## Reasoning | -0.4741258701 | 0.034315114 | 0.142380347 |
| ## GetAcrossRoom | -0.1151712389 | -0.182126634 | -0.036368747 |
| ## Bathing | -0.2698403610 | -0.102589671 | 0.103441244 |
| ## Eating | -0.0890386543 | -0.076603792 | -0.101797754 |
| ## GetOutOfBed | 0.4326728875 | 0.243975037 | -0.052362252 |
| ## MMSE_score | -0.0055585293 | 0.221182823 | -0.177380884 |
| ## Animal_fluency_score | -0.0906904709 | 0.054576214 | 0.291328960 |
| ## Boston_naming_test | 0.0769056031 | -0.292916486 | -0.054518323 |
| ## Construction_praxis_score | -0.2699327303 | 0.325172075 | 0.097115219 |
| ## Del_word_list_memory | 0.0886932155 | 0.007561511 | -0.006616683 |
| ## IMM_word_list_recog | 0.0734152970 | 0.019632457 | 0.036639658 |

| | | | |
|--------------------------------|---------------|--------------|---------------|
| ## Word_list_recognition | 0.0226874541 | -0.114994844 | -0.071693134 |
| ## Wechsler_logical_memory | -0.0013415566 | -0.155544917 | -0.072613748 |
| ## Fuld_object_memory | -0.0730487842 | 0.114248752 | -0.091835850 |
| ## Benton_vis_reten | 0.2448765947 | -0.234991279 | 0.075099010 |
| ## Weight | 0.1249722440 | 0.078411423 | 0.337230701 |
| ## Height | -0.1518209161 | -0.007257401 | -0.269312710 |
| ## Pulse_obliteration_pressure | -0.0509660625 | 0.029697212 | 0.003788510 |
| ## Vision | -0.0211469831 | 0.016420474 | -0.023064260 |
| ## BPM | 0.0050639005 | -0.002439626 | 0.026859876 |
| ## SystolicBP | -0.0339847369 | 0.009426152 | -0.008292820 |
| ## DiastolicBP | 0.0516924560 | -0.030019991 | 0.014022226 |
| ## | PC29 | PC30 | PC31 |
| ## Television | -0.010867119 | -0.029755464 | -0.0198079980 |
| ## BoardGames | 0.057647492 | -0.000437051 | 0.0197594290 |
| ## ArtsCraft | -0.016795715 | 0.003456167 | 0.0078102423 |
| ## Write | -0.022298064 | -0.007399929 | -0.0373873972 |
| ## Computer | -0.016086292 | 0.008254317 | 0.0169825821 |
| ## CurrentEvents | -0.063208742 | -0.020185659 | 0.0055711983 |
| ## Memory | -0.045654104 | 0.040853579 | 0.0191932913 |
| ## Judgement | -0.020453684 | 0.054097521 | -0.0492197319 |
| ## Organization | 0.056103488 | -0.044157132 | 0.1584333326 |
| ## RecallConvo | 0.167516685 | -0.233199011 | -0.0223379633 |
| ## RememberUsingThings | 0.104864492 | -0.187324229 | 0.1810598311 |
| ## Learning | -0.527761525 | 0.488966552 | 0.0831254465 |
| ## FollowingStory | 0.197259242 | -0.135177728 | -0.0965529133 |
| ## DecisionMaking | 0.458879221 | 0.148396720 | -0.4948602906 |
| ## Arithmetic | -0.369732501 | -0.267042587 | -0.0029542792 |
| ## Reasoning | -0.024452651 | 0.121417341 | 0.2574041695 |
| ## GetAcrossRoom | 0.173312005 | 0.093636312 | 0.0748777846 |
| ## Bathing | -0.175141939 | 0.056288793 | -0.2973893251 |
| ## Eating | 0.052721634 | -0.069604381 | 0.0316575643 |
| ## GetOutOfBed | -0.054935950 | -0.139028449 | 0.2034268998 |
| ## MMSE_score | -0.198571925 | -0.376366954 | -0.1415071263 |
| ## Animal_fluency_score | -0.070101502 | -0.068617912 | -0.0511630706 |
| ## Boston_naming_test | 0.255663102 | 0.322059609 | 0.1445309335 |
| ## Construction_praxis_score | 0.069939204 | -0.210004718 | 0.2807425942 |
| ## Del_word_list_memory | 0.016399612 | 0.105649376 | 0.0008004684 |
| ## IMM_word_list_recog | -0.126377221 | 0.006336667 | -0.1057783257 |
| ## Word_list_recognition | 0.204404947 | 0.122434538 | 0.0229140098 |
| ## Wechsler_logical_memory | -0.032342822 | 0.194800720 | 0.1025639855 |
| ## Fuld_object_memory | 0.039771847 | -0.273030601 | 0.1366801649 |
| ## Benton_vis_reten | -0.147850640 | 0.094582841 | -0.4284134517 |
| ## Weight | 0.059078561 | 0.099016610 | 0.2569984049 |
| ## Height | -0.115066670 | -0.215446263 | -0.2409571431 |
| ## Pulse_obliteration_pressure | -0.009579909 | -0.021326371 | 0.0340114771 |
| ## Vision | -0.010439994 | 0.017453621 | 0.0025865581 |
| ## BPM | 0.022339138 | -0.019781960 | -0.0001453420 |
| ## SystolicBP | 0.009909621 | 0.024874084 | -0.0126514214 |
| ## DiastolicBP | -0.018860851 | -0.034656100 | 0.0146799055 |
| ## | PC32 | PC33 | PC34 |
| ## Television | 0.0160924455 | 0.078790061 | -0.0309550950 |
| ## BoardGames | -0.0078078026 | -0.038315406 | 0.0008898959 |
| ## ArtsCraft | 0.0050033493 | 0.018346836 | 0.0268487965 |
| ## Write | -0.0618580925 | -0.025560116 | -0.0225576571 |

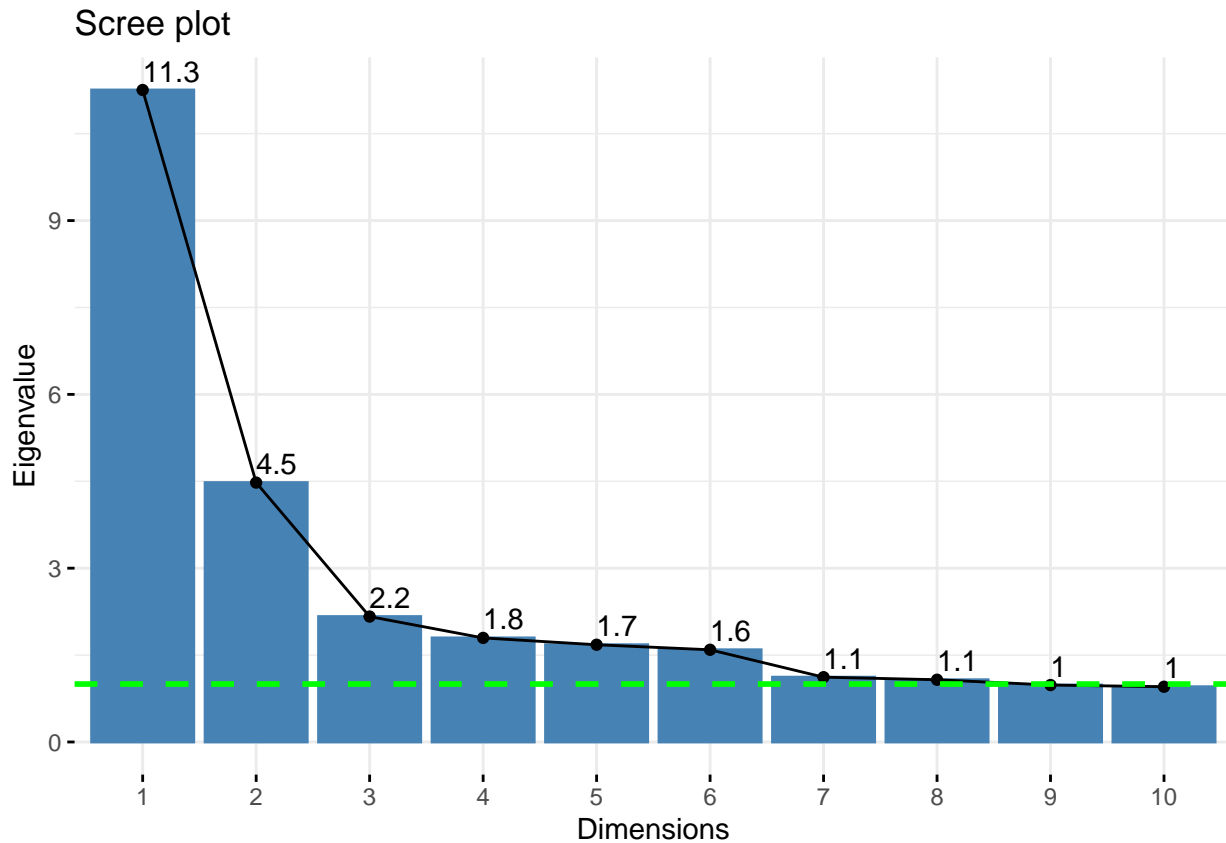
| | | | |
|--------------------------------|---------------|--------------|---------------|
| ## Computer | 0.0313354641 | -0.006787514 | -0.0031756458 |
| ## CurrentEvents | 0.0179254199 | 0.015552263 | 0.0610038919 |
| ## Memory | -0.2045105909 | 0.552180357 | 0.1690597527 |
| ## Judgement | -0.0131735437 | 0.039871985 | -0.0945397264 |
| ## Organization | 0.1682263932 | -0.620589809 | -0.1048432241 |
| ## RecallConvo | 0.3760226855 | -0.091538885 | 0.1138244685 |
| ## RememberUsingThings | -0.2366252460 | 0.110663635 | 0.1299125725 |
| ## Learning | 0.1909317702 | 0.026822738 | -0.0983336877 |
| ## FollowingStory | -0.2481876227 | -0.178353250 | -0.1223104180 |
| ## DecisionMaking | 0.2145328171 | 0.167198595 | 0.0797340421 |
| ## Arithmetic | 0.3130132767 | 0.130358746 | -0.1510955223 |
| ## Reasoning | -0.5602035163 | -0.223214039 | 0.0506523785 |
| ## GetAcrossRoom | 0.0090363667 | -0.048728312 | -0.0460218660 |
| ## Bathing | 0.0001404632 | -0.188191808 | -0.0263139502 |
| ## Eating | 0.0731198015 | 0.004394427 | 0.0214167791 |
| ## GetOutOfBed | -0.0470711338 | 0.133956378 | 0.0642752748 |
| ## MMSE_score | -0.1430877638 | 0.071942448 | -0.1444185671 |
| ## Animal_fluency_score | 0.0353550235 | -0.086315394 | -0.0750147811 |
| ## Boston_naming_test | 0.0897856536 | -0.001343816 | 0.0745927518 |
| ## Construction_praxis_score | 0.1776788573 | 0.122471806 | -0.0123874298 |
| ## Del_word_list_memory | -0.0235716190 | -0.037515385 | 0.3864031249 |
| ## IMM_word_list_recog | -0.0145961000 | -0.143994814 | 0.3597939218 |
| ## Word_list_recognition | -0.0976796577 | 0.147601296 | -0.7207131921 |
| ## Wechsler_logical_memory | 0.1275560381 | 0.070638689 | -0.0033359779 |
| ## Fuld_object_memory | 0.0642333107 | -0.020589329 | 0.0615148692 |
| ## Benton_vis_retent | -0.2004671707 | -0.115527878 | 0.0260865691 |
| ## Weight | 0.1245911357 | 0.027463959 | 0.0957067853 |
| ## Height | -0.1004122203 | -0.015638832 | 0.0247102732 |
| ## Pulse_obliteration_pressure | -0.0578394241 | -0.007176761 | -0.0435577273 |
| ## Vision | 0.0056726408 | 0.005373431 | -0.0025938743 |
| ## BPM | -0.0123839099 | -0.012381949 | 0.0032503812 |
| ## SystolicBP | -0.0231150827 | 0.042944461 | 0.0590846002 |
| ## DiastolicBP | 0.0373814682 | -0.048440030 | -0.0437365528 |
| ## | PC35 | PC36 | PC37 |
| ## Television | -4.118652e-03 | -0.008876572 | 0.027622712 |
| ## BoardGames | 3.109447e-02 | 0.018368936 | -0.006712636 |
| ## ArtsCraft | -2.842043e-02 | -0.015540039 | -0.009465472 |
| ## Write | -9.237155e-03 | 0.003725560 | 0.008740767 |
| ## Computer | -1.531937e-02 | -0.004698344 | 0.007293637 |
| ## CurrentEvents | -3.964038e-02 | 0.017447963 | 0.008711619 |
| ## Memory | -4.148236e-01 | -0.042786304 | -0.011066705 |
| ## Judgement | 7.616587e-01 | 0.154930594 | -0.011317675 |
| ## Organization | -3.642292e-01 | -0.155030392 | 0.057940010 |
| ## RecallConvo | 6.914773e-02 | -0.021569194 | -0.004480754 |
| ## RememberUsingThings | 1.125533e-01 | 0.009097954 | -0.021684594 |
| ## Learning | -6.272809e-03 | -0.007443643 | 0.006529102 |
| ## FollowingStory | 6.798644e-02 | -0.012307525 | 0.008070994 |
| ## DecisionMaking | -1.396575e-01 | 0.027430871 | -0.014729047 |
| ## Arithmetic | -2.143336e-02 | -0.043859757 | 0.049152201 |
| ## Reasoning | -4.545456e-02 | 0.042665800 | -0.004667220 |
| ## GetAcrossRoom | 3.041588e-02 | -0.005889508 | -0.019259713 |
| ## Bathing | -4.339931e-02 | -0.006928327 | 0.063544738 |
| ## Eating | 2.819199e-02 | 0.039968334 | 0.028024165 |
| ## GetOutOfBed | -6.402507e-02 | 0.004397999 | -0.018030924 |

```
## MMSE_score -1.046260e-02 -0.034525735 0.073442061
## Animal_fluency_score -5.625126e-03 -0.033186854 0.075826018
## Boston_naming_test 1.682642e-02 0.032541945 -0.065924803
## Construction_praxis_score -7.766387e-04 0.007969437 -0.020543464
## Del_word_list_memory 7.072724e-02 -0.016233354 0.689334609
## IMM_word_list_recog 5.011665e-03 0.070314302 -0.694309385
## Word_list_recognition -6.949566e-02 -0.045920474 -0.048290646
## Wechsler_logical_memory -2.578679e-02 0.008778457 -0.024559350
## Fuld_object_memory 2.736577e-02 0.004553023 -0.035613145
## Benton_vis_reten 1.523808e-03 -0.028956049 0.038235280
## Weight 8.749826e-02 -0.012755493 -0.007810636
## Height -3.951436e-02 0.021259712 0.028376985
## Pulse_obliteration_pressure 1.256275e-05 -0.013620892 0.009613995
## Vision -1.168910e-02 -0.008688188 0.006122425
## BPM 1.257257e-02 -0.006957838 -0.004170390
## SystolicBP 1.356345e-01 -0.681357529 -0.060268816
## DiastolicBP -1.414258e-01 0.682159673 0.055197144
```

```
# Scree plot for eigenvalues
```

```
fviz_eig(pca,
         choice = "eigenvalue",
         addlabels = T) +
  geom_hline(yintercept=1, size=1, color='green', linetype="dashed")
```

```
## Warning: Using `size` aesthetic for lines was deprecated in ggplot2 3.4.0.
## i Please use `linewidth` instead.
## This warning is displayed once every 8 hours.
## Call `lifecycle::last_lifecycle_warnings()` to see where this warning was
## generated.
```



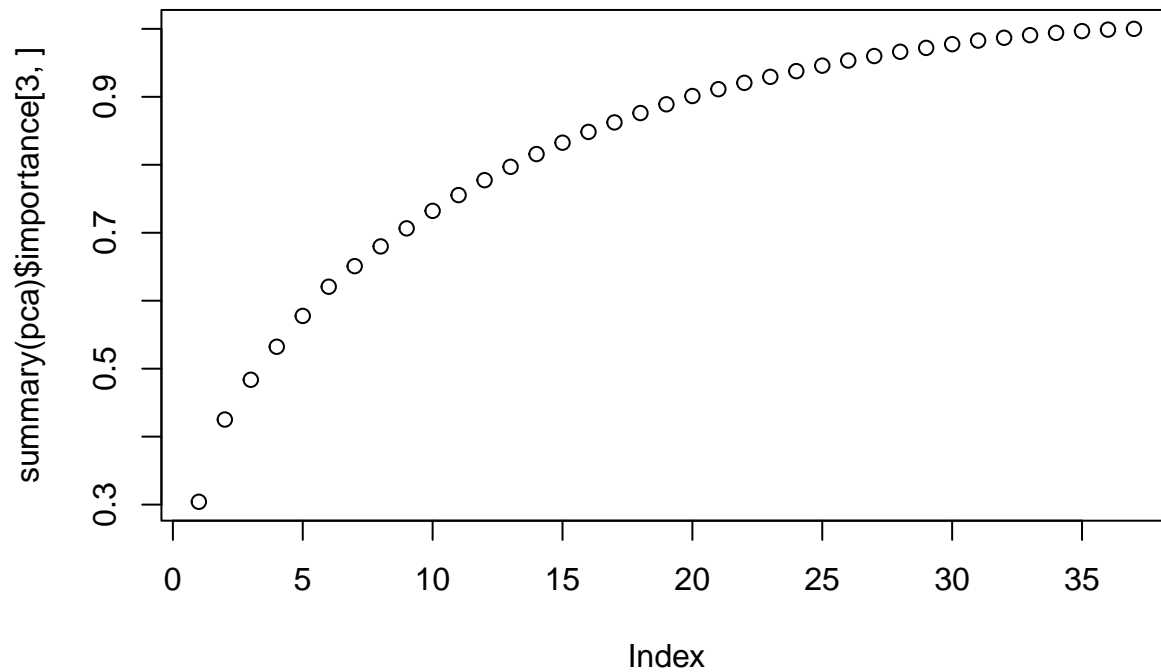
```
# Get table to determine how many PCs needed for 80% variance
get_eig(pca)
```

| ## | eigenvalue | variance.percent | cumulative.variance.percent |
|-----------|-------------|------------------|-----------------------------|
| ## Dim.1 | 11.25387833 | 30.4158874 | 30.41589 |
| ## Dim.2 | 4.47745558 | 12.1012313 | 42.51712 |
| ## Dim.3 | 2.16478462 | 5.8507692 | 48.36789 |
| ## Dim.4 | 1.79655207 | 4.8555461 | 53.22343 |
| ## Dim.5 | 1.67857119 | 4.5366789 | 57.76011 |
| ## Dim.6 | 1.59152622 | 4.3014222 | 62.06154 |
| ## Dim.7 | 1.11861966 | 3.0232964 | 65.08483 |
| ## Dim.8 | 1.07447059 | 2.9039746 | 67.98881 |
| ## Dim.9 | 0.98278972 | 2.6561884 | 70.64499 |
| ## Dim.10 | 0.95357698 | 2.5772351 | 73.22223 |
| ## Dim.11 | 0.85771203 | 2.3181406 | 75.54037 |
| ## Dim.12 | 0.81301377 | 2.1973345 | 77.73770 |
| ## Dim.13 | 0.72689366 | 1.9645775 | 79.70228 |
| ## Dim.14 | 0.69387988 | 1.8753510 | 81.57763 |
| ## Dim.15 | 0.62024568 | 1.6763397 | 83.25397 |
| ## Dim.16 | 0.58707771 | 1.5866965 | 84.84067 |
| ## Dim.17 | 0.51686186 | 1.3969239 | 86.23759 |
| ## Dim.18 | 0.50904777 | 1.3758048 | 87.61340 |
| ## Dim.19 | 0.47649926 | 1.2878358 | 88.90123 |
| ## Dim.20 | 0.45038984 | 1.2172698 | 90.11850 |
| ## Dim.21 | 0.37107836 | 1.0029145 | 91.12142 |
| ## Dim.22 | 0.34718991 | 0.9383511 | 92.05977 |
| ## Dim.23 | 0.32639511 | 0.8821489 | 92.94192 |

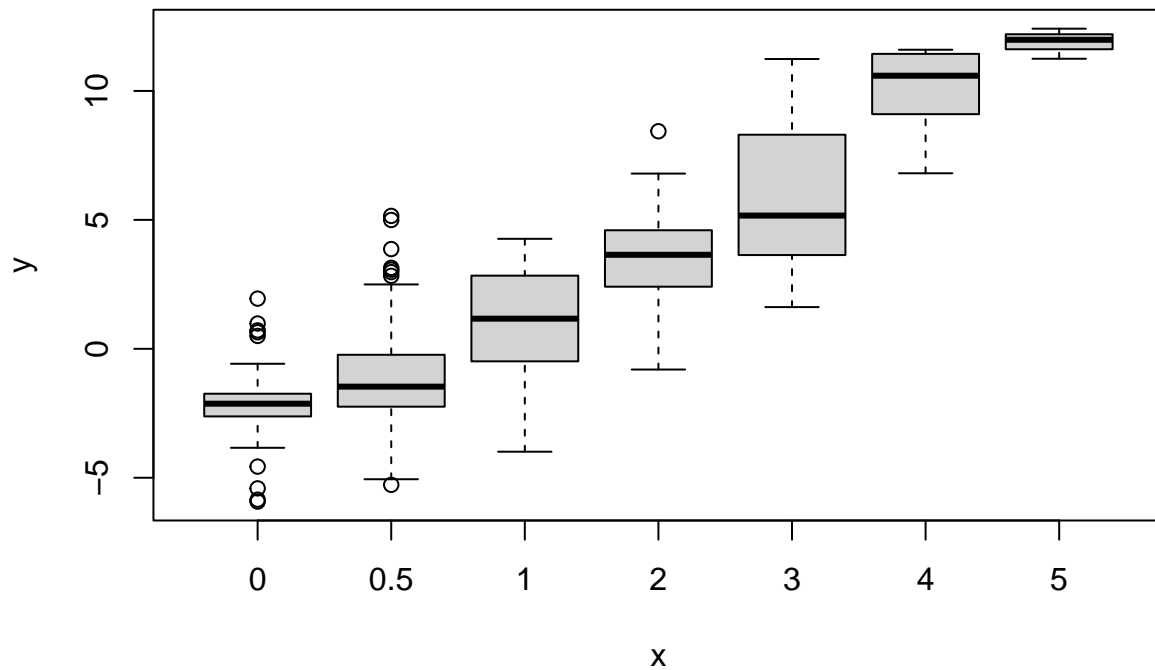
```
## Dim.24 0.30994216      0.8376815      93.77960
## Dim.25 0.29994630      0.8106657      94.59027
## Dim.26 0.27655183      0.7474374      95.33770
## Dim.27 0.24587677      0.6645318      96.00223
## Dim.28 0.23237604      0.6280434      96.63028
## Dim.29 0.21129513      0.5710679      97.20135
## Dim.30 0.20208272      0.5461695      97.74752
## Dim.31 0.19445703      0.5255596      98.27308
## Dim.32 0.15423139      0.4168416      98.68992
## Dim.33 0.14265182      0.3855455      99.07546
## Dim.34 0.12425836      0.3358334      99.41130
## Dim.35 0.09664454      0.2612015      99.67250
## Dim.36 0.07884249      0.2130878      99.88558
## Dim.37 0.04233362      0.1144152     100.00000
```

```
# Aggregate variance explained
```

```
plot(summary(pca)$importance[3,])
```



```
pcs <- as.data.frame(pca$x)
pcs_x = pcs[,1:13]
y = train_data$ADCDRSTG
plot(y, pcs_x$PC1)
```



```
pcaData <- cbind(y, pcs_x)
```

```
#EDA: Clustering (k-means and hierarchical)
```

```
#Scale data
```

```
numvar = train_data[,1:37]
```

```
data_scaled = as.data.frame(sapply(numvar, function(x) scale(x)))
```

```
# K-means clustering
```

```
kmeans2 = kmeans(data_scaled, center = 7, iter.max = 70)
```

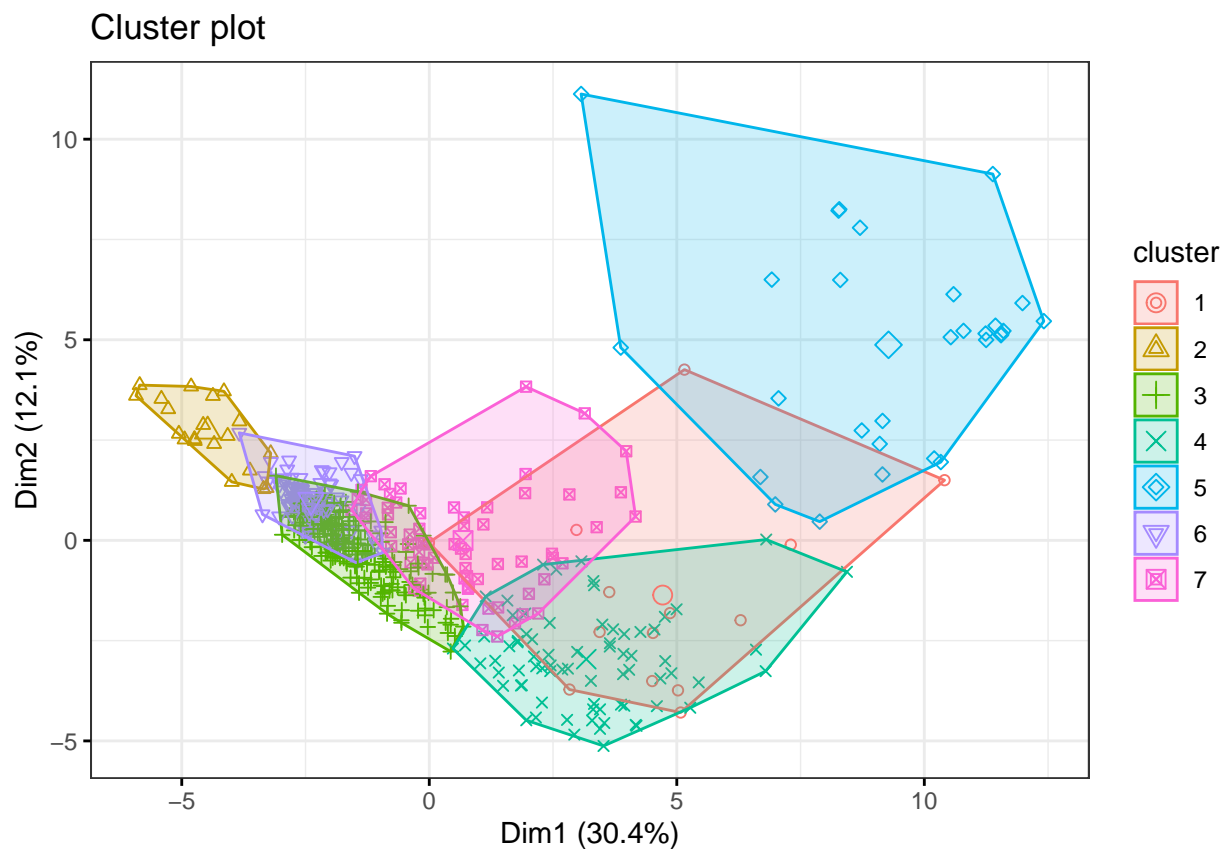
```
fviz_cluster(kmeans2, data = data_scaled,
```

```
  geom = "point",
```

```
  ellipse.type = "convex",
```

```
  ggtheme = theme_bw()
```

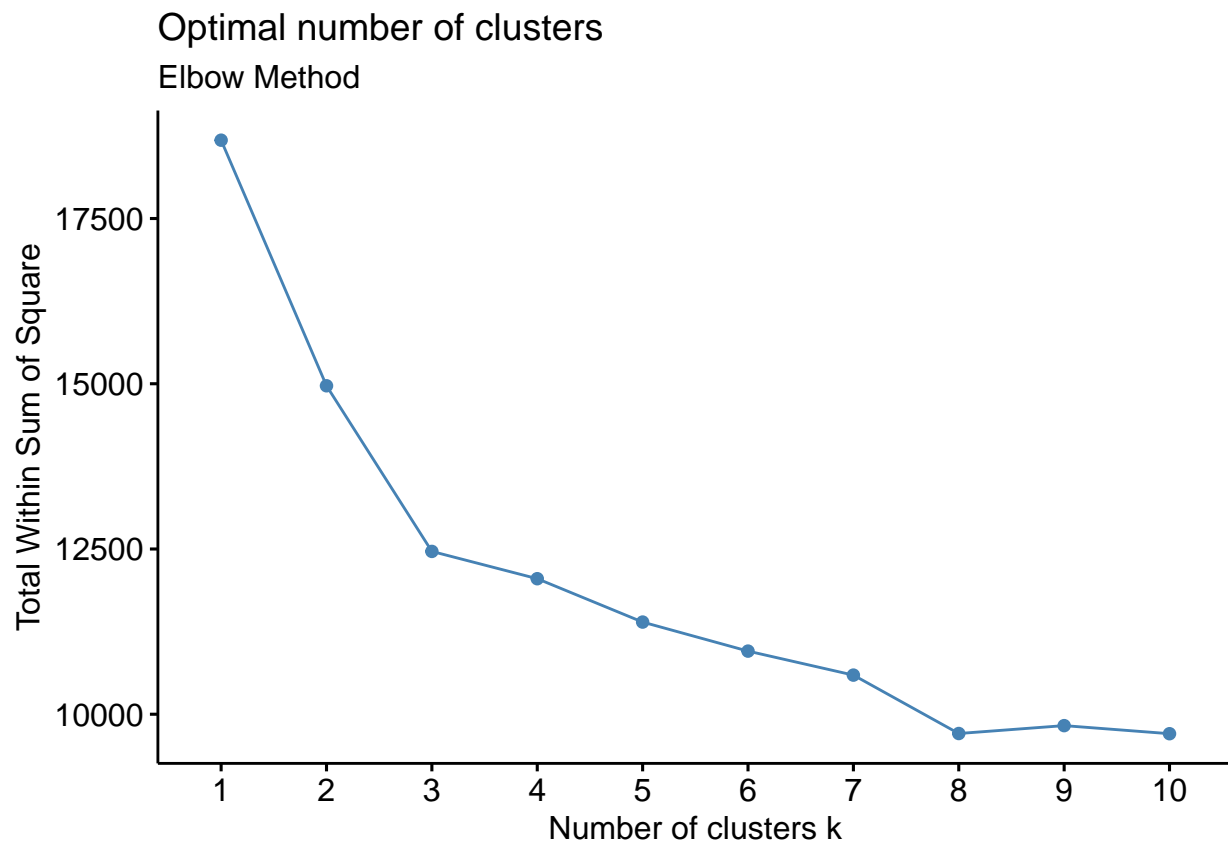
```
)
```



```
kmeans_table = table(kmeans2$cluster, train_data$ADCDRTG)
kmeans_table
```

```
##
##      0 0.5  1  2  3  4  5
##  1   0   2   2  6  4  0  0
##  2   6  13   1  0  0  0  0
##  3  56 121  24  3  0  0  0
##  4   0   9  28 23 13  1  0
##  5   0   2   0  1 11 12  3
##  6  60  36   1  0  0  0  0
##  7  16  34  12  4  2  0  0
```

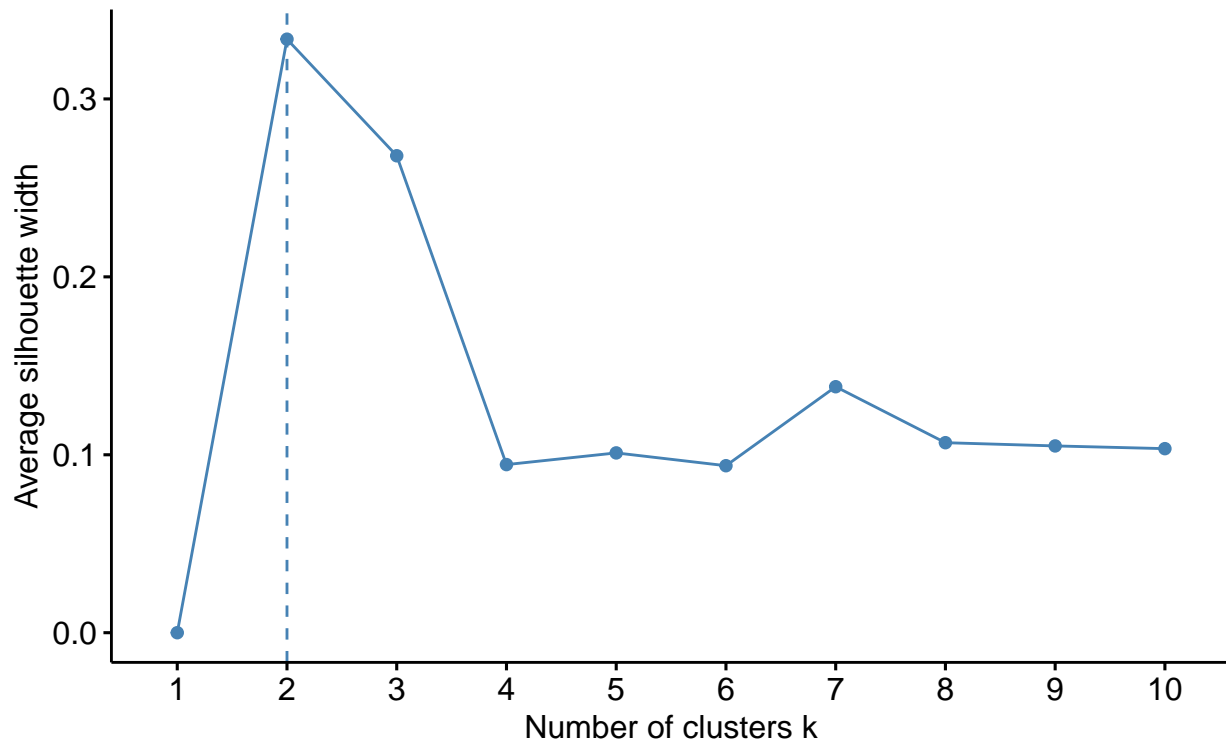
```
# Elbow method
fviz_nbclust(data_scaled, kmeans, method = "wss") +
  labs(subtitle = "Elbow Method")
```



```
# Silhouette method  
fviz_nbclust(data_scaled, kmeans, method = "silhouette") +  
  labs(subtitle = "Elbow Method")
```

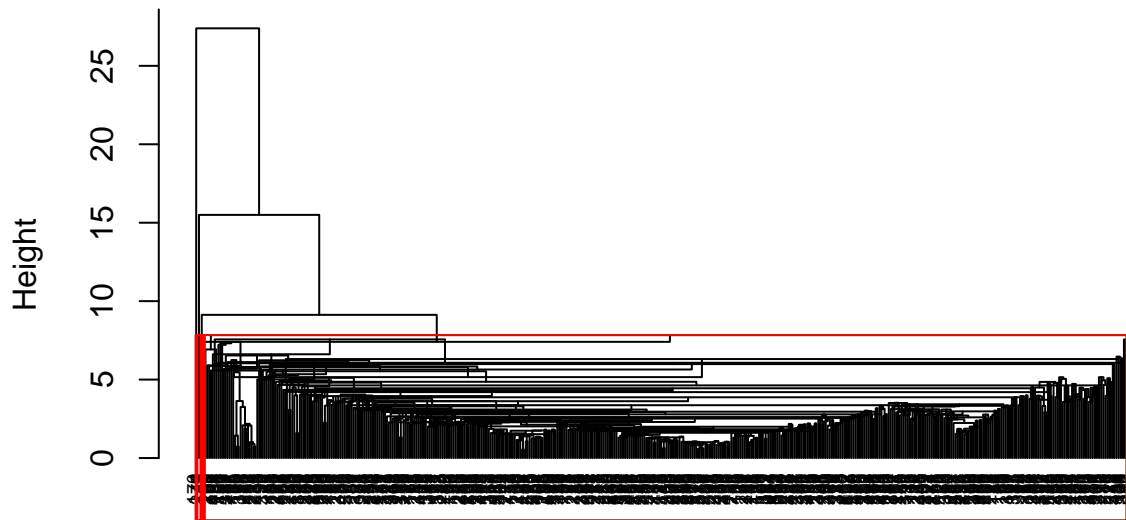
Optimal number of clusters

Elbow Method



```
# Hierarchical clustering
dis_mat = dist(data_scaled, method = 'euclidean')
# Compute hclust
hc = hclust(dis_mat, method = 'median')
# methods = complete, average, centroid, mcquitty, single, median
# Plot Dendrogram
plot(hc, cex = 0.6, hang = -1)
rect.hclust(hc, k=7, border = 'red')
```


Cluster Dendrogram



dis_mat
hclust (*, "median")

```
# Evaluated accuracy
cutHcl = cutree(hc, k=7)
clusterTab = table(cutHcl, train_data$ADCDSTG)
clusterTab
```

```
##
## cutHcl    0 0.5    1    2    3    4    5
##      1 136 215   68   37   29   12    1
##      2    2    0    0    0    0    0    0
##      3    0    1    0    0    0    0    0
##      4    0    0    0    0    0    0    2
##      5    0    0    0    0    1    0    0
##      6    0    0    0    0    0    1    0
##      7    0    1    0    0    0    0    0
```

```
for (n in 5:10){ # n = number of clusters
  cutHcl = cutree(hc, k = n)
  out = table(cutHcl, train_data$ADCDSTG)
  print(paste("Number of Clusters =", n))
  print(out) }
```

```
## [1] "Number of Clusters = 5"
##
## cutHcl    0 0.5    1    2    3    4    5
##      1 136 215   68   37   30   12    3
##      2    2    0    0    0    0    0    0
##      3    0    1    0    0    0    0    0
##      4    0    0    0    0    0    1    0
##      5    0    1    0    0    0    0    0
```

```

## [1] "Number of Clusters = 6"
##
## cutHcl    0 0.5    1    2    3    4    5
##      1 136 215   68   37   29   12    1
##      2    2    0    0    0    0    0    0
##      3    0    1    0    0    0    0    0
##      4    0    0    0    0    1    0    2
##      5    0    0    0    0    0    1    0
##      6    0    1    0    0    0    0    0
## [1] "Number of Clusters = 7"
##
## cutHcl    0 0.5    1    2    3    4    5
##      1 136 215   68   37   29   12    1
##      2    2    0    0    0    0    0    0
##      3    0    1    0    0    0    0    0
##      4    0    0    0    0    0    0    2
##      5    0    0    0    0    1    0    0
##      6    0    0    0    0    0    1    0
##      7    0    1    0    0    0    0    0
## [1] "Number of Clusters = 8"
##
## cutHcl    0 0.5    1    2    3    4    5
##      1 136 215   68   36   29   12    1
##      2    2    0    0    0    0    0    0
##      3    0    1    0    0    0    0    0
##      4    0    0    0    0    0    0    2
##      5    0    0    0    0    1    0    0
##      6    0    0    0    0    0    1    0
##      7    0    0    0    1    0    0    0
##      8    0    1    0    0    0    0    0
## [1] "Number of Clusters = 9"
##
## cutHcl    0 0.5    1    2    3    4    5
##      1 136 214   68   36   29   12    1
##      2    2    0    0    0    0    0    0
##      3    0    1    0    0    0    0    0
##      4    0    0    0    0    0    0    2
##      5    0    0    0    0    1    0    0
##      6    0    0    0    0    0    1    0
##      7    0    0    0    1    0    0    0
##      8    0    1    0    0    0    0    0
##      9    0    1    0    0    0    0    0
## [1] "Number of Clusters = 10"
##
## cutHcl    0 0.5    1    2    3    4    5
##      1 136 214   68   35   29   12    1
##      2    2    0    0    0    0    0    0
##      3    0    1    0    0    0    0    0
##      4    0    0    0    0    0    0    2
##      5    0    0    0    0    1    0    0
##      6    0    0    0    0    0    1    0
##      7    0    0    0    1    0    0    0
##      8    0    0    0    1    0    0    0
##      9    0    1    0    0    0    0    0

```

10 0 1 0 0 0 0 0