

Regressão de Biomassa

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```
## Loading required package: ggplot2
## Loading required package: lattice
##
## Attaching package: 'caret'
## The following objects are masked from 'package:Metrics':
##
##   precision, recall
```

Preparing data

Loading Data

```
data_raw <- read.csv("../data_sets/Material 03 - 8 - R - Admissao - Dados.csv")
data_raw_new_cases <- read.csv("../data_sets/Material 03 - 8 - R - Admissao - Dados - Novos Casos - R.c
```

Cleaning data

```
data <- data_raw[,!(names(data_raw) %in% c('Serial.No.'))]
data_new_cases <- data_raw_new_cases[,!(names(data_raw_new_cases) %in% c('Serial.No.'))]
print(head(data))
```

```
##   GRE.Score TOEFL.Score University.Rating SOP LOR CGPA Research ChanceOfAdmit
## 1      337         118             4 4.5 4.5 9.65         1         0.92
## 2      324         107             4 4.0 4.5 8.87         1         0.76
## 3      316         104             3 3.0 3.5 8.00         1         0.72
## 4      322         110             3 3.5 2.5 8.67         1         0.80
## 5      314         103             2 2.0 3.0 8.21         0         0.65
## 6      330         115             5 4.5 3.0 9.34         1         0.90
```

```
print(head(data_new_cases))
```

```
##   GRE.Score TOEFL.Score University.Rating SOP LOR CGPA Research Chance.ofAdmit
## 1      337         118             4 4.5 4.5 9.65         1         0.92
## 2      324         107             4 4.0 4.5 8.87         1         0.76
## 3      316         104             3 3.0 3.5 8.00         1         0.72
## 4      322         110             3 3.5 2.5 8.67         1         0.80
## 5      314         103             2 2.0 3.0 8.21         0         0.65
## 6      330         115             5 4.5 3.0 9.34         1         0.90
```

Creating data partitioning

```
set.seed(1988)
# ran <- sample(1:nrow(data), 0.8 * nrow(data))
ind <- createDataPartition(data$ChanceOfAdmit, p=0.80, list = FALSE)
training_data <- data[ind,]
test_data <- data[-ind,]
```

Training

Using KNN

Creating the model

```
tuneGrid <- expand.grid(k = c(1,3,5,7,9))
set.seed(1988)
knn <- train(ChanceOfAdmit ~ ., data = training_data, method = "knn", tuneGrid=tuneGrid)
print(knn)
```

```
## k-Nearest Neighbors
##
## 402 samples
## 7 predictor
##
## No pre-processing
## Resampling: Bootstrapped (25 reps)
## Summary of sample sizes: 402, 402, 402, 402, 402, 402, ...
## Resampling results across tuning parameters:
##
##  k  RMSE      Rsquared  MAE
##  1  0.08645122  0.6524910  0.06435951
##  3  0.07911517  0.6955387  0.05874794
##  5  0.07547871  0.7180725  0.05606814
##  7  0.07377226  0.7294879  0.05516695
##  9  0.07238070  0.7390310  0.05428696
##
## RMSE was used to select the optimal model using the smallest value.
## The final value used for the model was k = 9.
```

```
prediction.knn <- predict(knn, test_data)
library(Metrics)
rmse(test_data$biomassa, prediction.knn)
```

Checking the model with training data

```
## [1] NaN
```

```
r2 <- function(predito, observado) {
  return(1 - (sum((predito-observado)^2) / sum((predito-mean(observado))^2)))
}
r2(prediction.knn, test_data$ChanceOfAdmit)
```

R² function

```
## [1] 0.3853393
```

Checking for new cases

```
prediction.knn_new_data <- predict(knn, data_new_cases)
data_new_cases$ChanceOfAdmit <- NULL
result <- cbind(data_new_cases, ChanceOfAdmit=prediction.knn_new_data)
print(result)
```

| ## | GRE.Score | TOEFL.Score | University.Rating | SOP | LOR | CGPA | Research |
|-------|-----------|-------------|-------------------|-----|-----|------|----------|
| ## 1 | 337 | 118 | 4 | 4.5 | 4.5 | 9.65 | 1 |
| ## 2 | 324 | 107 | 4 | 4.0 | 4.5 | 8.87 | 1 |
| ## 3 | 316 | 104 | 3 | 3.0 | 3.5 | 8.00 | 1 |
| ## 4 | 322 | 110 | 3 | 3.5 | 2.5 | 8.67 | 1 |
| ## 5 | 314 | 103 | 2 | 2.0 | 3.0 | 8.21 | 0 |
| ## 6 | 330 | 115 | 5 | 4.5 | 3.0 | 9.34 | 1 |
| ## 7 | 321 | 109 | 3 | 3.0 | 4.0 | 8.20 | 1 |
| ## 8 | 308 | 101 | 2 | 3.0 | 4.0 | 7.90 | 0 |
| ## 9 | 302 | 102 | 1 | 2.0 | 1.5 | 8.00 | 0 |
| ## 10 | 323 | 108 | 3 | 3.5 | 3.0 | 8.60 | 0 |
| ## 11 | 325 | 106 | 3 | 3.5 | 4.0 | 8.40 | 1 |
| ## 12 | 327 | 111 | 4 | 4.0 | 4.5 | 9.00 | 1 |
| ## 13 | 328 | 112 | 4 | 4.0 | 4.5 | 9.10 | 1 |
| ## 14 | 307 | 109 | 3 | 4.0 | 3.0 | 8.00 | 1 |
| ## 15 | 311 | 104 | 3 | 3.5 | 2.0 | 8.20 | 1 |
| ## 16 | 314 | 105 | 3 | 3.5 | 2.5 | 8.30 | 0 |
| ## 17 | 317 | 107 | 3 | 4.0 | 3.0 | 8.70 | 0 |
| ## 18 | 319 | 106 | 3 | 4.0 | 3.0 | 8.00 | 1 |
| ## 19 | 318 | 110 | 3 | 4.0 | 3.0 | 8.80 | 0 |
| ## 20 | 303 | 102 | 3 | 3.5 | 3.0 | 8.50 | 0 |
| ## 21 | 312 | 107 | 3 | 3.0 | 2.0 | 7.90 | 1 |
| ## 22 | 325 | 114 | 4 | 3.0 | 2.0 | 8.40 | 0 |
| ## 23 | 328 | 116 | 5 | 5.0 | 5.0 | 9.50 | 1 |
| ## 24 | 334 | 119 | 5 | 5.0 | 4.5 | 9.70 | 1 |
| ## 25 | 336 | 119 | 5 | 4.0 | 3.5 | 9.80 | 1 |
| ## 26 | 340 | 120 | 5 | 4.5 | 4.5 | 9.60 | 1 |
| ## 27 | 322 | 109 | 5 | 4.5 | 3.5 | 8.80 | 0 |
| ## 28 | 298 | 98 | 2 | 1.5 | 2.5 | 7.50 | 1 |
| ## 29 | 295 | 93 | 1 | 2.0 | 2.0 | 7.20 | 0 |
| ## 30 | 310 | 99 | 2 | 1.5 | 2.0 | 7.30 | 0 |
| ## 31 | 300 | 97 | 2 | 3.0 | 3.0 | 8.10 | 1 |
| ## 32 | 327 | 103 | 3 | 4.0 | 4.0 | 8.30 | 1 |
| ## 33 | 338 | 118 | 4 | 3.0 | 4.5 | 9.40 | 1 |
| ## 34 | 340 | 114 | 5 | 4.0 | 4.0 | 9.60 | 1 |
| ## 35 | 331 | 112 | 5 | 4.0 | 5.0 | 9.80 | 1 |
| ## 36 | 320 | 110 | 5 | 5.0 | 5.0 | 9.20 | 1 |
| ## 37 | 299 | 106 | 2 | 4.0 | 4.0 | 8.40 | 0 |
| ## 38 | 300 | 105 | 1 | 1.0 | 2.0 | 7.80 | 0 |
| ## 39 | 304 | 105 | 1 | 3.0 | 1.5 | 7.50 | 0 |
| ## 40 | 307 | 108 | 2 | 4.0 | 3.5 | 7.70 | 0 |
| ## 41 | 308 | 110 | 3 | 3.5 | 3.0 | 8.00 | 1 |
| ## 42 | 316 | 105 | 2 | 2.5 | 2.5 | 8.20 | 1 |
| ## 43 | 313 | 107 | 2 | 2.5 | 2.0 | 8.50 | 1 |
| ## 44 | 332 | 117 | 4 | 4.5 | 4.0 | 9.10 | 0 |
| ## 45 | 326 | 113 | 5 | 4.5 | 4.0 | 9.40 | 1 |
| ## 46 | 322 | 110 | 5 | 5.0 | 4.0 | 9.10 | 1 |

| | | | | |
|--------|-----|-----|----------------|---|
| ## 47 | 329 | 114 | 5 4.0 5.0 9.30 | 1 |
| ## 48 | 339 | 119 | 5 4.5 4.0 9.70 | 0 |
| ## 49 | 321 | 110 | 3 3.5 5.0 8.85 | 1 |
| ## 50 | 327 | 111 | 4 3.0 4.0 8.40 | 1 |
| ## 51 | 313 | 98 | 3 2.5 4.5 8.30 | 1 |
| ## 52 | 312 | 100 | 2 1.5 3.5 7.90 | 1 |
| ## 53 | 334 | 116 | 4 4.0 3.0 8.00 | 1 |
| ## 54 | 324 | 112 | 4 4.0 2.5 8.10 | 1 |
| ## 55 | 322 | 110 | 3 3.0 3.5 8.00 | 0 |
| ## 56 | 320 | 103 | 3 3.0 3.0 7.70 | 0 |
| ## 57 | 316 | 102 | 3 2.0 3.0 7.40 | 0 |
| ## 58 | 298 | 99 | 2 4.0 2.0 7.60 | 0 |
| ## 59 | 300 | 99 | 1 3.0 2.0 6.80 | 1 |
| ## 60 | 311 | 104 | 2 2.0 2.0 8.30 | 0 |
| ## 61 | 309 | 100 | 2 3.0 3.0 8.10 | 0 |
| ## 62 | 307 | 101 | 3 4.0 3.0 8.20 | 0 |
| ## 63 | 304 | 105 | 2 3.0 3.0 8.20 | 1 |
| ## 64 | 315 | 107 | 2 4.0 3.0 8.50 | 1 |
| ## 65 | 325 | 111 | 3 3.0 3.5 8.70 | 0 |
| ## 66 | 325 | 112 | 4 3.5 3.5 8.92 | 0 |
| ## 67 | 327 | 114 | 3 3.0 3.0 9.02 | 0 |
| ## 68 | 316 | 107 | 2 3.5 3.5 8.64 | 1 |
| ## 69 | 318 | 109 | 3 3.5 4.0 9.22 | 1 |
| ## 70 | 328 | 115 | 4 4.5 4.0 9.16 | 1 |
| ## 71 | 332 | 118 | 5 5.0 5.0 9.64 | 1 |
| ## 72 | 336 | 112 | 5 5.0 5.0 9.76 | 1 |
| ## 73 | 321 | 111 | 5 5.0 5.0 9.45 | 1 |
| ## 74 | 314 | 108 | 4 4.5 4.0 9.04 | 1 |
| ## 75 | 314 | 106 | 3 3.0 5.0 8.90 | 0 |
| ## 76 | 329 | 114 | 2 2.0 4.0 8.56 | 1 |
| ## 77 | 327 | 112 | 3 3.0 3.0 8.72 | 1 |
| ## 78 | 301 | 99 | 2 3.0 2.0 8.22 | 0 |
| ## 79 | 296 | 95 | 2 3.0 2.0 7.54 | 1 |
| ## 80 | 294 | 93 | 1 1.5 2.0 7.36 | 0 |
| ## 81 | 312 | 105 | 3 2.0 3.0 8.02 | 1 |
| ## 82 | 340 | 120 | 4 5.0 5.0 9.50 | 1 |
| ## 83 | 320 | 110 | 5 5.0 4.5 9.22 | 1 |
| ## 84 | 322 | 115 | 5 4.0 4.5 9.36 | 1 |
| ## 85 | 340 | 115 | 5 4.5 4.5 9.45 | 1 |
| ## 86 | 319 | 103 | 4 4.5 3.5 8.66 | 0 |
| ## 87 | 315 | 106 | 3 4.5 3.5 8.42 | 0 |
| ## 88 | 317 | 107 | 2 3.5 3.0 8.28 | 0 |
| ## 89 | 314 | 108 | 3 4.5 3.5 8.14 | 0 |
| ## 90 | 316 | 109 | 4 4.5 3.5 8.76 | 1 |
| ## 91 | 318 | 106 | 2 4.0 4.0 7.92 | 1 |
| ## 92 | 299 | 97 | 3 5.0 3.5 7.66 | 0 |
| ## 93 | 298 | 98 | 2 4.0 3.0 8.03 | 0 |
| ## 94 | 301 | 97 | 2 3.0 3.0 7.88 | 1 |
| ## 95 | 303 | 99 | 3 2.0 2.5 7.66 | 0 |
| ## 96 | 304 | 100 | 4 1.5 2.5 7.84 | 0 |
| ## 97 | 306 | 100 | 2 3.0 3.0 8.00 | 0 |
| ## 98 | 331 | 120 | 3 4.0 4.0 8.96 | 1 |
| ## 99 | 332 | 119 | 4 5.0 4.5 9.24 | 1 |
| ## 100 | 323 | 113 | 3 4.0 4.0 8.88 | 1 |

| | | | | |
|--------|-----|-----|----------------|---|
| ## 101 | 322 | 107 | 3 3.5 3.5 8.46 | 1 |
| ## 102 | 312 | 105 | 2 2.5 3.0 8.12 | 0 |
| ## 103 | 314 | 106 | 2 4.0 3.5 8.25 | 0 |
| ## 104 | 317 | 104 | 2 4.5 4.0 8.47 | 0 |
| ## 105 | 326 | 112 | 3 3.5 3.0 9.05 | 1 |
| ## 106 | 316 | 110 | 3 4.0 4.5 8.78 | 1 |
| ## 107 | 329 | 111 | 4 4.5 4.5 9.18 | 1 |
| ## 108 | 338 | 117 | 4 3.5 4.5 9.46 | 1 |
| ## 109 | 331 | 116 | 5 5.0 5.0 9.38 | 1 |
| ## 110 | 304 | 103 | 5 5.0 4.0 8.64 | 0 |
| ## 111 | 305 | 108 | 5 3.0 3.0 8.48 | 0 |
| ## 112 | 321 | 109 | 4 4.0 4.0 8.68 | 1 |
| ## 113 | 301 | 107 | 3 3.5 3.5 8.34 | 1 |
| ## 114 | 320 | 110 | 2 4.0 3.5 8.56 | 0 |
| ## 115 | 311 | 105 | 3 3.5 3.0 8.45 | 1 |
| ## 116 | 310 | 106 | 4 4.5 4.5 9.04 | 1 |
| ## 117 | 299 | 102 | 3 4.0 3.5 8.62 | 0 |
| ## 118 | 290 | 104 | 4 2.0 2.5 7.46 | 0 |
| ## 119 | 296 | 99 | 2 3.0 3.5 7.28 | 0 |
| ## 120 | 327 | 104 | 5 3.0 3.5 8.84 | 1 |
| ## 121 | 335 | 117 | 5 5.0 5.0 9.56 | 1 |
| ## 122 | 334 | 119 | 5 4.5 4.5 9.48 | 1 |
| ## 123 | 310 | 106 | 4 1.5 2.5 8.36 | 0 |
| ## 124 | 308 | 108 | 3 3.5 3.5 8.22 | 0 |
| ## 125 | 301 | 106 | 4 2.5 3.0 8.47 | 0 |
| ## 126 | 300 | 100 | 3 2.0 3.0 8.66 | 1 |
| ## 127 | 323 | 113 | 3 4.0 3.0 9.32 | 1 |
| ## 128 | 319 | 112 | 3 2.5 2.0 8.71 | 1 |
| ## 129 | 326 | 112 | 3 3.5 3.0 9.10 | 1 |
| ## 130 | 333 | 118 | 5 5.0 5.0 9.35 | 1 |
| ## 131 | 339 | 114 | 5 4.0 4.5 9.76 | 1 |
| ## 132 | 303 | 105 | 5 5.0 4.5 8.65 | 0 |
| ## 133 | 309 | 105 | 5 3.5 3.5 8.56 | 0 |
| ## 134 | 323 | 112 | 5 4.0 4.5 8.78 | 0 |
| ## 135 | 333 | 113 | 5 4.0 4.0 9.28 | 1 |
| ## 136 | 314 | 109 | 4 3.5 4.0 8.77 | 1 |
| ## 137 | 312 | 103 | 3 5.0 4.0 8.45 | 0 |
| ## 138 | 316 | 100 | 2 1.5 3.0 8.16 | 1 |
| ## 139 | 326 | 116 | 2 4.5 3.0 9.08 | 1 |
| ## 140 | 318 | 109 | 1 3.5 3.5 9.12 | 0 |
| ## 141 | 329 | 110 | 2 4.0 3.0 9.15 | 1 |
| ## 142 | 332 | 118 | 2 4.5 3.5 9.36 | 1 |
| ## 143 | 331 | 115 | 5 4.0 3.5 9.44 | 1 |
| ## 144 | 340 | 120 | 4 4.5 4.0 9.92 | 1 |
| ## 145 | 325 | 112 | 2 3.0 3.5 8.96 | 1 |
| ## 146 | 320 | 113 | 2 2.0 2.5 8.64 | 1 |
| ## 147 | 315 | 105 | 3 2.0 2.5 8.48 | 0 |
| ## 148 | 326 | 114 | 3 3.0 3.0 9.11 | 1 |
| ## 149 | 339 | 116 | 4 4.0 3.5 9.80 | 1 |
| ## 150 | 311 | 106 | 2 3.5 3.0 8.26 | 1 |
| ## 151 | 334 | 114 | 4 4.0 4.0 9.43 | 1 |
| ## 152 | 332 | 116 | 5 5.0 5.0 9.28 | 1 |
| ## 153 | 321 | 112 | 5 5.0 5.0 9.06 | 1 |
| ## 154 | 324 | 105 | 3 3.0 4.0 8.75 | 0 |

| | | | | |
|--------|-----|-----|----------------|---|
| ## 155 | 326 | 108 | 3 3.0 3.5 8.89 | 0 |
| ## 156 | 312 | 109 | 3 3.0 3.0 8.69 | 0 |
| ## 157 | 315 | 105 | 3 2.0 2.5 8.34 | 0 |
| ## 158 | 309 | 104 | 2 2.0 2.5 8.26 | 0 |
| ## 159 | 306 | 106 | 2 2.0 2.5 8.14 | 0 |
| ## 160 | 297 | 100 | 1 1.5 2.0 7.90 | 0 |
| ## 161 | 315 | 103 | 1 1.5 2.0 7.86 | 0 |
| ## 162 | 298 | 99 | 1 1.5 3.0 7.46 | 0 |
| ## 163 | 318 | 109 | 3 3.0 3.0 8.50 | 0 |
| ## 164 | 317 | 105 | 3 3.5 3.0 8.56 | 0 |
| ## 165 | 329 | 111 | 4 4.5 4.0 9.01 | 1 |
| ## 166 | 322 | 110 | 5 4.5 4.0 8.97 | 0 |
| ## 167 | 302 | 102 | 3 3.5 5.0 8.33 | 0 |
| ## 168 | 313 | 102 | 3 2.0 3.0 8.27 | 0 |
| ## 169 | 293 | 97 | 2 2.0 4.0 7.80 | 1 |
| ## 170 | 311 | 99 | 2 2.5 3.0 7.98 | 0 |
| ## 171 | 312 | 101 | 2 2.5 3.5 8.04 | 1 |
| ## 172 | 334 | 117 | 5 4.0 4.5 9.07 | 1 |
| ## 173 | 322 | 110 | 4 4.0 5.0 9.13 | 1 |
| ## 174 | 323 | 113 | 4 4.0 4.5 9.23 | 1 |
| ## 175 | 321 | 111 | 4 4.0 4.0 8.97 | 1 |
| ## 176 | 320 | 111 | 4 4.5 3.5 8.87 | 1 |
| ## 177 | 329 | 119 | 4 4.5 4.5 9.16 | 1 |
| ## 178 | 319 | 110 | 3 3.5 3.5 9.04 | 0 |
| ## 179 | 309 | 108 | 3 2.5 3.0 8.12 | 0 |
| ## 180 | 307 | 102 | 3 3.0 3.0 8.27 | 0 |
| ## 181 | 300 | 104 | 3 3.5 3.0 8.16 | 0 |
| ## 182 | 305 | 107 | 2 2.5 2.5 8.42 | 0 |
| ## 183 | 299 | 100 | 2 3.0 3.5 7.88 | 0 |
| ## 184 | 314 | 110 | 3 4.0 4.0 8.80 | 0 |
| ## 185 | 316 | 106 | 2 2.5 4.0 8.32 | 0 |
| ## 186 | 327 | 113 | 4 4.5 4.5 9.11 | 1 |
| ## 187 | 317 | 107 | 3 3.5 3.0 8.68 | 1 |
| ## 188 | 335 | 118 | 5 4.5 3.5 9.44 | 1 |
| ## 189 | 331 | 115 | 5 4.5 3.5 9.36 | 1 |
| ## 190 | 324 | 112 | 5 5.0 5.0 9.08 | 1 |
| ## 191 | 324 | 111 | 5 4.5 4.0 9.16 | 1 |
| ## 192 | 323 | 110 | 5 4.0 5.0 8.98 | 1 |
| ## 193 | 322 | 114 | 5 4.5 4.0 8.94 | 1 |
| ## 194 | 336 | 118 | 5 4.5 5.0 9.53 | 1 |
| ## 195 | 316 | 109 | 3 3.5 3.0 8.76 | 0 |
| ## 196 | 307 | 107 | 2 3.0 3.5 8.52 | 1 |
| ## 197 | 306 | 105 | 2 3.0 2.5 8.26 | 0 |
| ## 198 | 310 | 106 | 2 3.5 2.5 8.33 | 0 |
| ## 199 | 311 | 104 | 3 4.5 4.5 8.43 | 0 |
| ## 200 | 313 | 107 | 3 4.0 4.5 8.69 | 0 |
| ## 201 | 317 | 103 | 3 2.5 3.0 8.54 | 1 |
| ## 202 | 315 | 110 | 2 3.5 3.0 8.46 | 1 |
| ## 203 | 340 | 120 | 5 4.5 4.5 9.91 | 1 |
| ## 204 | 334 | 120 | 5 4.0 5.0 9.87 | 1 |
| ## 205 | 298 | 105 | 3 3.5 4.0 8.54 | 0 |
| ## 206 | 295 | 99 | 2 2.5 3.0 7.65 | 0 |
| ## 207 | 315 | 99 | 2 3.5 3.0 7.89 | 0 |
| ## 208 | 310 | 102 | 3 3.5 4.0 8.02 | 1 |

| | | | | |
|--------|-----|-----|----------------|---|
| ## 209 | 305 | 106 | 2 3.0 3.0 8.16 | 0 |
| ## 210 | 301 | 104 | 3 3.5 4.0 8.12 | 1 |
| ## 211 | 325 | 108 | 4 4.5 4.0 9.06 | 1 |
| ## 212 | 328 | 110 | 4 5.0 4.0 9.14 | 1 |
| ## 213 | 338 | 120 | 4 5.0 5.0 9.66 | 1 |
| ## 214 | 333 | 119 | 5 5.0 4.5 9.78 | 1 |
| ## 215 | 331 | 117 | 4 4.5 5.0 9.42 | 1 |
| ## 216 | 330 | 116 | 5 5.0 4.5 9.36 | 1 |
| ## 217 | 322 | 112 | 4 4.5 4.5 9.26 | 1 |
| ## 218 | 321 | 109 | 4 4.0 4.0 9.13 | 1 |
| ## 219 | 324 | 110 | 4 3.0 3.5 8.97 | 1 |
| ## 220 | 312 | 104 | 3 3.5 3.5 8.42 | 0 |
| ## 221 | 313 | 103 | 3 4.0 4.0 8.75 | 0 |
| ## 222 | 316 | 110 | 3 3.5 4.0 8.56 | 0 |
| ## 223 | 324 | 113 | 4 4.5 4.0 8.79 | 0 |
| ## 224 | 308 | 109 | 2 3.0 4.0 8.45 | 0 |
| ## 225 | 305 | 105 | 2 3.0 2.0 8.23 | 0 |
| ## 226 | 296 | 99 | 2 2.5 2.5 8.03 | 0 |
| ## 227 | 306 | 110 | 2 3.5 4.0 8.45 | 0 |
| ## 228 | 312 | 110 | 2 3.5 3.0 8.53 | 0 |
| ## 229 | 318 | 112 | 3 4.0 3.5 8.67 | 0 |
| ## 230 | 324 | 111 | 4 3.0 3.0 9.01 | 1 |
| ## 231 | 313 | 104 | 3 4.0 4.5 8.65 | 0 |
| ## 232 | 319 | 106 | 3 3.5 2.5 8.33 | 1 |
| ## 233 | 312 | 107 | 2 2.5 3.5 8.27 | 0 |
| ## 234 | 304 | 100 | 2 2.5 3.5 8.07 | 0 |
| ## 235 | 330 | 113 | 5 5.0 4.0 9.31 | 1 |
| ## 236 | 326 | 111 | 5 4.5 4.0 9.23 | 1 |
| ## 237 | 325 | 112 | 4 4.0 4.5 9.17 | 1 |
| ## 238 | 329 | 114 | 5 4.5 5.0 9.19 | 1 |
| ## 239 | 310 | 104 | 3 2.0 3.5 8.37 | 0 |
| ## 240 | 299 | 100 | 1 1.5 2.0 7.89 | 0 |
| ## 241 | 296 | 101 | 1 2.5 3.0 7.68 | 0 |
| ## 242 | 317 | 103 | 2 2.5 2.0 8.15 | 0 |
| ## 243 | 324 | 115 | 3 3.5 3.0 8.76 | 1 |
| ## 244 | 325 | 114 | 3 3.5 3.0 9.04 | 1 |
| ## 245 | 314 | 107 | 2 2.5 4.0 8.56 | 0 |
| ## 246 | 328 | 110 | 4 4.0 2.5 9.02 | 1 |
| ## 247 | 316 | 105 | 3 3.0 3.5 8.73 | 0 |
| ## 248 | 311 | 104 | 2 2.5 3.5 8.48 | 0 |
| ## 249 | 324 | 110 | 3 3.5 4.0 8.87 | 1 |
| ## 250 | 321 | 111 | 3 3.5 4.0 8.83 | 1 |
| ## 251 | 320 | 104 | 3 3.0 2.5 8.57 | 1 |
| ## 252 | 316 | 99 | 2 2.5 3.0 9.00 | 0 |
| ## 253 | 318 | 100 | 2 2.5 3.5 8.54 | 1 |
| ## 254 | 335 | 115 | 4 4.5 4.5 9.68 | 1 |
| ## 255 | 321 | 114 | 4 4.0 5.0 9.12 | 0 |
| ## 256 | 307 | 110 | 4 4.0 4.5 8.37 | 0 |
| ## 257 | 309 | 99 | 3 4.0 4.0 8.56 | 0 |
| ## 258 | 324 | 100 | 3 4.0 5.0 8.64 | 1 |
| ## 259 | 326 | 102 | 4 5.0 5.0 8.76 | 1 |
| ## 260 | 331 | 119 | 4 5.0 4.5 9.34 | 1 |
| ## 261 | 327 | 108 | 5 5.0 3.5 9.13 | 1 |
| ## 262 | 312 | 104 | 3 3.5 4.0 8.09 | 0 |

| | | | | |
|--------|-----|-----|----------------|---|
| ## 263 | 308 | 103 | 2 2.5 4.0 8.36 | 1 |
| ## 264 | 324 | 111 | 3 2.5 1.5 8.79 | 1 |
| ## 265 | 325 | 110 | 2 3.0 2.5 8.76 | 1 |
| ## 266 | 313 | 102 | 3 2.5 2.5 8.68 | 0 |
| ## 267 | 312 | 105 | 2 2.0 2.5 8.45 | 0 |
| ## 268 | 314 | 107 | 3 3.0 3.5 8.17 | 1 |
| ## 269 | 327 | 113 | 4 4.5 5.0 9.14 | 0 |
| ## 270 | 308 | 108 | 4 4.5 5.0 8.34 | 0 |
| ## 271 | 306 | 105 | 2 2.5 3.0 8.22 | 1 |
| ## 272 | 299 | 96 | 2 1.5 2.0 7.86 | 0 |
| ## 273 | 294 | 95 | 1 1.5 1.5 7.64 | 0 |
| ## 274 | 312 | 99 | 1 1.0 1.5 8.01 | 1 |
| ## 275 | 315 | 100 | 1 2.0 2.5 7.95 | 0 |
| ## 276 | 322 | 110 | 3 3.5 3.0 8.96 | 1 |
| ## 277 | 329 | 113 | 5 5.0 4.5 9.45 | 1 |
| ## 278 | 320 | 101 | 2 2.5 3.0 8.62 | 0 |
| ## 279 | 308 | 103 | 2 3.0 3.5 8.49 | 0 |
| ## 280 | 304 | 102 | 2 3.0 4.0 8.73 | 0 |
| ## 281 | 311 | 102 | 3 4.5 4.0 8.64 | 1 |
| ## 282 | 317 | 110 | 3 4.0 4.5 9.11 | 1 |
| ## 283 | 312 | 106 | 3 4.0 3.5 8.79 | 1 |
| ## 284 | 321 | 111 | 3 2.5 3.0 8.90 | 1 |
| ## 285 | 340 | 112 | 4 5.0 4.5 9.66 | 1 |
| ## 286 | 331 | 116 | 5 4.0 4.0 9.26 | 1 |
| ## 287 | 336 | 118 | 5 4.5 4.0 9.19 | 1 |
| ## 288 | 324 | 114 | 5 5.0 4.5 9.08 | 1 |
| ## 289 | 314 | 104 | 4 5.0 5.0 9.02 | 0 |
| ## 290 | 313 | 109 | 3 4.0 3.5 9.00 | 0 |
| ## 291 | 307 | 105 | 2 2.5 3.0 7.65 | 0 |
| ## 292 | 300 | 102 | 2 1.5 2.0 7.87 | 0 |
| ## 293 | 302 | 99 | 2 1.0 2.0 7.97 | 0 |
| ## 294 | 312 | 98 | 1 3.5 3.0 8.18 | 1 |
| ## 295 | 316 | 101 | 2 2.5 2.0 8.32 | 1 |
| ## 296 | 317 | 100 | 2 3.0 2.5 8.57 | 0 |
| ## 297 | 310 | 107 | 3 3.5 3.5 8.67 | 0 |
| ## 298 | 320 | 120 | 3 4.0 4.5 9.11 | 0 |
| ## 299 | 330 | 114 | 3 4.5 4.5 9.24 | 1 |
| ## 300 | 305 | 112 | 3 3.0 3.5 8.65 | 0 |
| ## 301 | 309 | 106 | 2 2.5 2.5 8.00 | 0 |
| ## 302 | 319 | 108 | 2 2.5 3.0 8.76 | 0 |
| ## 303 | 322 | 105 | 2 3.0 3.0 8.45 | 1 |
| ## 304 | 323 | 107 | 3 3.5 3.5 8.55 | 1 |
| ## 305 | 313 | 106 | 2 2.5 2.0 8.43 | 0 |
| ## 306 | 321 | 109 | 3 3.5 3.5 8.80 | 1 |
| ## 307 | 323 | 110 | 3 4.0 3.5 9.10 | 1 |
| ## 308 | 325 | 112 | 4 4.0 4.0 9.00 | 1 |
| ## 309 | 312 | 108 | 3 3.5 3.0 8.53 | 0 |
| ## 310 | 308 | 110 | 4 3.5 3.0 8.60 | 0 |
| ## 311 | 320 | 104 | 3 3.0 3.5 8.74 | 1 |
| ## 312 | 328 | 108 | 4 4.5 4.0 9.18 | 1 |
| ## 313 | 311 | 107 | 4 4.5 4.5 9.00 | 1 |
| ## 314 | 301 | 100 | 3 3.5 3.0 8.04 | 0 |
| ## 315 | 305 | 105 | 2 3.0 4.0 8.13 | 0 |
| ## 316 | 308 | 104 | 2 2.5 3.0 8.07 | 0 |

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|--------|-----|-----|----------------|---|
| ## 317 | 298 | 101 | 2 1.5 2.0 7.86 | 0 |
| ## 318 | 300 | 99 | 1 1.0 2.5 8.01 | 0 |
| ## 319 | 324 | 111 | 3 2.5 2.0 8.80 | 1 |
| ## 320 | 327 | 113 | 4 3.5 3.0 8.69 | 1 |
| ## 321 | 317 | 106 | 3 4.0 3.5 8.50 | 1 |
| ## 322 | 323 | 104 | 3 4.0 4.0 8.44 | 1 |
| ## 323 | 314 | 107 | 2 2.5 4.0 8.27 | 0 |
| ## 324 | 305 | 102 | 2 2.0 2.5 8.18 | 0 |
| ## 325 | 315 | 104 | 3 3.0 2.5 8.33 | 0 |
| ## 326 | 326 | 116 | 3 3.5 4.0 9.14 | 1 |
| ## 327 | 299 | 100 | 3 2.0 2.0 8.02 | 0 |
| ## 328 | 295 | 101 | 2 2.5 2.0 7.86 | 0 |
| ## 329 | 324 | 112 | 4 4.0 3.5 8.77 | 1 |
| ## 330 | 297 | 96 | 2 2.5 1.5 7.89 | 0 |
| ## 331 | 327 | 113 | 3 3.5 3.0 8.66 | 1 |
| ## 332 | 311 | 105 | 2 3.0 2.0 8.12 | 1 |
| ## 333 | 308 | 106 | 3 3.5 2.5 8.21 | 1 |
| ## 334 | 319 | 108 | 3 3.0 3.5 8.54 | 1 |
| ## 335 | 312 | 107 | 4 4.5 4.0 8.65 | 1 |
| ## 336 | 325 | 111 | 4 4.0 4.5 9.11 | 1 |
| ## 337 | 319 | 110 | 3 3.0 2.5 8.79 | 0 |
| ## 338 | 332 | 118 | 5 5.0 5.0 9.47 | 1 |
| ## 339 | 323 | 108 | 5 4.0 4.0 8.74 | 1 |
| ## 340 | 324 | 107 | 5 3.5 4.0 8.66 | 1 |
| ## 341 | 312 | 107 | 3 3.0 3.0 8.46 | 1 |
| ## 342 | 326 | 110 | 3 3.5 3.5 8.76 | 1 |
| ## 343 | 308 | 106 | 3 3.0 3.0 8.24 | 0 |
| ## 344 | 305 | 103 | 2 2.5 3.5 8.13 | 0 |
| ## 345 | 295 | 96 | 2 1.5 2.0 7.34 | 0 |
| ## 346 | 316 | 98 | 1 1.5 2.0 7.43 | 0 |
| ## 347 | 304 | 97 | 2 1.5 2.0 7.64 | 0 |
| ## 348 | 299 | 94 | 1 1.0 1.0 7.34 | 0 |
| ## 349 | 302 | 99 | 1 2.0 2.0 7.25 | 0 |
| ## 350 | 313 | 101 | 3 2.5 3.0 8.04 | 0 |
| ## 351 | 318 | 107 | 3 3.0 3.5 8.27 | 1 |
| ## 352 | 325 | 110 | 4 3.5 4.0 8.67 | 1 |
| ## 353 | 303 | 100 | 2 3.0 3.5 8.06 | 1 |
| ## 354 | 300 | 102 | 3 3.5 2.5 8.17 | 0 |
| ## 355 | 297 | 98 | 2 2.5 3.0 7.67 | 0 |
| ## 356 | 317 | 106 | 2 2.0 3.5 8.12 | 0 |
| ## 357 | 327 | 109 | 3 3.5 4.0 8.77 | 1 |
| ## 358 | 301 | 104 | 2 3.5 3.5 7.89 | 1 |
| ## 359 | 314 | 105 | 2 2.5 2.0 7.64 | 0 |
| ## 360 | 321 | 107 | 2 2.0 1.5 8.44 | 0 |
| ## 361 | 322 | 110 | 3 4.0 5.0 8.64 | 1 |
| ## 362 | 334 | 116 | 4 4.0 3.5 9.54 | 1 |
| ## 363 | 338 | 115 | 5 4.5 5.0 9.23 | 1 |
| ## 364 | 306 | 103 | 2 2.5 3.0 8.36 | 0 |
| ## 365 | 313 | 102 | 3 3.5 4.0 8.90 | 1 |
| ## 366 | 330 | 114 | 4 4.5 3.0 9.17 | 1 |
| ## 367 | 320 | 104 | 3 3.5 4.5 8.34 | 1 |
| ## 368 | 311 | 98 | 1 1.0 2.5 7.46 | 0 |
| ## 369 | 298 | 92 | 1 2.0 2.0 7.88 | 0 |
| ## 370 | 301 | 98 | 1 2.0 3.0 8.03 | 1 |

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|--------|-----|-----|----------------|---|
| ## 371 | 310 | 103 | 2 2.5 2.5 8.24 | 0 |
| ## 372 | 324 | 110 | 3 3.5 3.0 9.22 | 1 |
| ## 373 | 336 | 119 | 4 4.5 4.0 9.62 | 1 |
| ## 374 | 321 | 109 | 3 3.0 3.0 8.54 | 1 |
| ## 375 | 315 | 105 | 2 2.0 2.5 7.65 | 0 |
| ## 376 | 304 | 101 | 2 2.0 2.5 7.66 | 0 |
| ## 377 | 297 | 96 | 2 2.5 2.0 7.43 | 0 |
| ## 378 | 290 | 100 | 1 1.5 2.0 7.56 | 0 |
| ## 379 | 303 | 98 | 1 2.0 2.5 7.65 | 0 |
| ## 380 | 311 | 99 | 1 2.5 3.0 8.43 | 1 |
| ## 381 | 322 | 104 | 3 3.5 4.0 8.84 | 1 |
| ## 382 | 319 | 105 | 3 3.0 3.5 8.67 | 1 |
| ## 383 | 324 | 110 | 4 4.5 4.0 9.15 | 1 |
| ## 384 | 300 | 100 | 3 3.0 3.5 8.26 | 0 |
| ## 385 | 340 | 113 | 4 5.0 5.0 9.74 | 1 |
| ## 386 | 335 | 117 | 5 5.0 5.0 9.82 | 1 |
| ## 387 | 302 | 101 | 2 2.5 3.5 7.96 | 0 |
| ## 388 | 307 | 105 | 2 2.0 3.5 8.10 | 0 |
| ## 389 | 296 | 97 | 2 1.5 2.0 7.80 | 0 |
| ## 390 | 320 | 108 | 3 3.5 4.0 8.44 | 1 |
| ## 391 | 314 | 102 | 2 2.0 2.5 8.24 | 0 |
| ## 392 | 318 | 106 | 3 2.0 3.0 8.65 | 0 |
| ## 393 | 326 | 112 | 4 4.0 3.5 9.12 | 1 |
| ## 394 | 317 | 104 | 2 3.0 3.0 8.76 | 0 |
| ## 395 | 329 | 111 | 4 4.5 4.0 9.23 | 1 |
| ## 396 | 324 | 110 | 3 3.5 3.5 9.04 | 1 |
| ## 397 | 325 | 107 | 3 3.0 3.5 9.11 | 1 |
| ## 398 | 330 | 116 | 4 5.0 4.5 9.45 | 1 |
| ## 399 | 312 | 103 | 3 3.5 4.0 8.78 | 0 |
| ## 400 | 333 | 117 | 4 5.0 4.0 9.66 | 1 |
| ## 401 | 304 | 100 | 2 3.5 3.0 8.22 | 0 |
| ## 402 | 315 | 105 | 2 3.0 3.0 8.34 | 0 |
| ## 403 | 324 | 109 | 3 3.5 3.0 8.94 | 1 |
| ## 404 | 330 | 116 | 4 4.0 3.5 9.23 | 1 |
| ## 405 | 311 | 101 | 3 2.0 2.5 7.64 | 1 |
| ## 406 | 302 | 99 | 3 2.5 3.0 7.45 | 0 |
| ## 407 | 322 | 103 | 4 3.0 2.5 8.02 | 1 |
| ## 408 | 298 | 100 | 3 2.5 4.0 7.95 | 1 |
| ## 409 | 297 | 101 | 3 2.0 4.0 7.67 | 1 |
| ## 410 | 300 | 98 | 1 2.0 2.5 8.02 | 0 |
| ## 411 | 301 | 96 | 1 3.0 4.0 7.56 | 0 |
| ## 412 | 313 | 94 | 2 2.5 1.5 8.13 | 0 |
| ## 413 | 314 | 102 | 4 2.5 2.0 7.88 | 1 |
| ## 414 | 317 | 101 | 3 3.0 2.0 7.94 | 1 |
| ## 415 | 321 | 110 | 4 3.5 4.0 8.35 | 1 |
| ## 416 | 327 | 106 | 4 4.0 4.5 8.75 | 1 |
| ## 417 | 315 | 104 | 3 4.0 2.5 8.10 | 0 |
| ## 418 | 316 | 103 | 3 3.5 2.0 7.68 | 0 |
| ## 419 | 309 | 111 | 2 2.5 4.0 8.03 | 0 |
| ## 420 | 308 | 102 | 2 2.0 3.5 7.98 | 1 |
| ## 421 | 299 | 100 | 3 2.0 3.0 7.42 | 0 |
| ## 422 | 321 | 112 | 3 3.0 4.5 8.95 | 1 |
| ## 423 | 322 | 112 | 4 3.5 2.5 9.02 | 1 |
| ## 424 | 334 | 119 | 5 4.5 5.0 9.54 | 1 |

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|--------|-----|-----|----------------|---|
| ## 425 | 325 | 114 | 5 4.0 5.0 9.46 | 1 |
| ## 426 | 323 | 111 | 5 4.0 5.0 9.86 | 1 |
| ## 427 | 312 | 106 | 3 3.0 5.0 8.57 | 0 |
| ## 428 | 310 | 101 | 3 3.5 5.0 8.65 | 1 |
| ## 429 | 316 | 103 | 2 2.0 4.5 8.74 | 0 |
| ## 430 | 340 | 115 | 5 5.0 4.5 9.06 | 1 |
| ## 431 | 311 | 104 | 3 4.0 3.5 8.13 | 1 |
| ## 432 | 320 | 112 | 2 3.5 3.5 8.78 | 1 |
| ## 433 | 324 | 112 | 4 4.5 4.0 9.22 | 1 |
| ## 434 | 316 | 111 | 4 4.0 5.0 8.54 | 0 |
| ## 435 | 306 | 103 | 3 3.5 3.0 8.21 | 0 |
| ## 436 | 309 | 105 | 2 2.5 4.0 7.68 | 0 |
| ## 437 | 310 | 110 | 1 1.5 4.0 7.23 | 1 |
| ## 438 | 317 | 106 | 1 1.5 3.5 7.65 | 1 |
| ## 439 | 318 | 110 | 1 2.5 3.5 8.54 | 1 |
| ## 440 | 312 | 105 | 2 1.5 3.0 8.46 | 0 |
| ## 441 | 305 | 104 | 2 2.5 1.5 7.79 | 0 |
| ## 442 | 332 | 112 | 1 1.5 3.0 8.66 | 1 |
| ## 443 | 331 | 116 | 4 4.5 4.5 9.44 | 1 |
| ## 444 | 321 | 114 | 5 4.5 4.5 9.16 | 1 |
| ## 445 | 324 | 113 | 5 4.0 5.0 9.25 | 1 |
| ## 446 | 328 | 116 | 5 4.5 5.0 9.08 | 1 |
| ## 447 | 327 | 118 | 4 5.0 5.0 9.67 | 1 |
| ## 448 | 320 | 108 | 3 3.5 5.0 8.97 | 1 |
| ## 449 | 312 | 109 | 2 2.5 4.0 9.02 | 0 |
| ## 450 | 315 | 101 | 3 3.5 4.5 9.13 | 0 |
| ## 451 | 320 | 112 | 4 3.0 4.5 8.86 | 1 |
| ## 452 | 324 | 113 | 4 4.5 4.5 9.25 | 1 |
| ## 453 | 328 | 116 | 4 5.0 3.5 9.60 | 1 |
| ## 454 | 319 | 103 | 3 2.5 4.0 8.76 | 1 |
| ## 455 | 310 | 105 | 2 3.0 3.5 8.01 | 0 |
| ## 456 | 305 | 102 | 2 1.5 2.5 7.64 | 0 |
| ## 457 | 299 | 100 | 2 2.0 2.0 7.88 | 0 |
| ## 458 | 295 | 99 | 1 2.0 1.5 7.57 | 0 |
| ## 459 | 312 | 100 | 1 3.0 3.0 8.53 | 1 |
| ## 460 | 329 | 113 | 4 4.0 3.5 9.36 | 1 |
| ## 461 | 319 | 105 | 4 4.0 4.5 8.66 | 1 |
| ## 462 | 301 | 102 | 3 2.5 2.0 8.13 | 1 |
| ## 463 | 307 | 105 | 4 3.0 3.0 7.94 | 0 |
| ## 464 | 304 | 107 | 3 3.5 3.0 7.86 | 0 |
| ## 465 | 298 | 97 | 2 2.0 3.0 7.21 | 0 |
| ## 466 | 305 | 96 | 4 3.0 4.5 8.26 | 0 |
| ## 467 | 314 | 99 | 4 3.5 4.5 8.73 | 1 |
| ## 468 | 318 | 101 | 5 3.5 5.0 8.78 | 1 |
| ## 469 | 323 | 110 | 4 4.0 5.0 8.88 | 1 |
| ## 470 | 326 | 114 | 4 4.0 3.5 9.16 | 1 |
| ## 471 | 320 | 110 | 5 4.0 4.0 9.27 | 1 |
| ## 472 | 311 | 103 | 3 2.0 4.0 8.09 | 0 |
| ## 473 | 327 | 116 | 4 4.0 4.5 9.48 | 1 |
| ## 474 | 316 | 102 | 2 4.0 3.5 8.15 | 0 |
| ## 475 | 308 | 105 | 4 3.0 2.5 7.95 | 1 |
| ## 476 | 300 | 101 | 3 3.5 2.5 7.88 | 0 |
| ## 477 | 304 | 104 | 3 2.5 2.0 8.12 | 0 |
| ## 478 | 309 | 105 | 4 3.5 2.0 8.18 | 0 |

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|--------|----------------|---------------|----------------|---|
| ## 479 | 318 | 103 | 3 4.0 4.5 8.49 | 1 |
| ## 480 | 325 | 110 | 4 4.5 4.0 8.96 | 1 |
| ## 481 | 321 | 102 | 3 3.5 4.0 9.01 | 1 |
| ## 482 | 323 | 107 | 4 3.0 2.5 8.48 | 1 |
| ## 483 | 328 | 113 | 4 4.0 2.5 8.77 | 1 |
| ## 484 | 304 | 103 | 5 5.0 3.0 7.92 | 0 |
| ## 485 | 317 | 106 | 3 3.5 3.0 7.89 | 1 |
| ## 486 | 311 | 101 | 2 2.5 3.5 8.34 | 1 |
| ## 487 | 319 | 102 | 3 2.5 2.5 8.37 | 0 |
| ## 488 | 327 | 115 | 4 3.5 4.0 9.14 | 0 |
| ## 489 | 322 | 112 | 3 3.0 4.0 8.62 | 1 |
| ## 490 | 302 | 110 | 3 4.0 4.5 8.50 | 0 |
| ## 491 | 307 | 105 | 2 2.5 4.5 8.12 | 1 |
| ## 492 | 297 | 99 | 4 3.0 3.5 7.81 | 0 |
| ## 493 | 298 | 101 | 4 2.5 4.5 7.69 | 1 |
| ## 494 | 300 | 95 | 2 3.0 1.5 8.22 | 1 |
| ## 495 | 301 | 99 | 3 2.5 2.0 8.45 | 1 |
| ## 496 | 332 | 108 | 5 4.5 4.0 9.02 | 1 |
| ## 497 | 337 | 117 | 5 5.0 5.0 9.87 | 1 |
| ## 498 | 330 | 120 | 5 4.5 5.0 9.56 | 1 |
| ## 499 | 312 | 103 | 4 4.0 5.0 8.43 | 0 |
| ## 500 | 327 | 113 | 4 4.5 4.5 9.04 | 0 |
| ## | Chance.ofAdmit | ChanceOfAdmit | | |
| ## 1 | 0.92 | 0.9344444 | | |
| ## 2 | 0.76 | 0.7400000 | | |
| ## 3 | 0.72 | 0.6800000 | | |
| ## 4 | 0.80 | 0.7633333 | | |
| ## 5 | 0.65 | 0.6611111 | | |
| ## 6 | 0.90 | 0.9111111 | | |
| ## 7 | 0.75 | 0.7588889 | | |
| ## 8 | 0.68 | 0.6022222 | | |
| ## 9 | 0.50 | 0.5511111 | | |
| ## 10 | 0.45 | 0.7233333 | | |
| ## 11 | 0.52 | 0.7788889 | | |
| ## 12 | 0.84 | 0.8333333 | | |
| ## 13 | 0.78 | 0.8477778 | | |
| ## 14 | 0.62 | 0.6355556 | | |
| ## 15 | 0.61 | 0.6844444 | | |
| ## 16 | 0.54 | 0.6811111 | | |
| ## 17 | 0.66 | 0.6955556 | | |
| ## 18 | 0.65 | 0.7200000 | | |
| ## 19 | 0.63 | 0.7277778 | | |
| ## 20 | 0.62 | 0.5911111 | | |
| ## 21 | 0.64 | 0.6711111 | | |
| ## 22 | 0.70 | 0.7344444 | | |
| ## 23 | 0.94 | 0.9077778 | | |
| ## 24 | 0.95 | 0.9411111 | | |
| ## 25 | 0.97 | 0.9388889 | | |
| ## 26 | 0.94 | 0.9388889 | | |
| ## 27 | 0.76 | 0.8044444 | | |
| ## 28 | 0.44 | 0.5544444 | | |
| ## 29 | 0.46 | 0.4633333 | | |
| ## 30 | 0.54 | 0.6033333 | | |
| ## 31 | 0.65 | 0.5122222 | | |

| | | |
|-------|------|-----------|
| ## 32 | 0.74 | 0.7666667 |
| ## 33 | 0.91 | 0.9311111 |
| ## 34 | 0.90 | 0.9366667 |
| ## 35 | 0.94 | 0.8833333 |
| ## 36 | 0.88 | 0.8366667 |
| ## 37 | 0.64 | 0.6144444 |
| ## 38 | 0.58 | 0.6111111 |
| ## 39 | 0.52 | 0.6377778 |
| ## 40 | 0.48 | 0.6400000 |
| ## 41 | 0.46 | 0.6333333 |
| ## 42 | 0.49 | 0.7188889 |
| ## 43 | 0.53 | 0.6722222 |
| ## 44 | 0.87 | 0.9244444 |
| ## 45 | 0.91 | 0.8511111 |
| ## 46 | 0.88 | 0.8322222 |
| ## 47 | 0.86 | 0.8988889 |
| ## 48 | 0.89 | 0.9377778 |
| ## 49 | 0.82 | 0.7755556 |
| ## 50 | 0.78 | 0.7977778 |
| ## 51 | 0.76 | 0.6677778 |
| ## 52 | 0.56 | 0.6188889 |
| ## 53 | 0.78 | 0.9088889 |
| ## 54 | 0.72 | 0.7855556 |
| ## 55 | 0.70 | 0.7633333 |
| ## 56 | 0.64 | 0.7166667 |
| ## 57 | 0.64 | 0.6411111 |
| ## 58 | 0.46 | 0.5166667 |
| ## 59 | 0.36 | 0.5555556 |
| ## 60 | 0.42 | 0.6688889 |
| ## 61 | 0.48 | 0.6044444 |
| ## 62 | 0.47 | 0.5888889 |
| ## 63 | 0.54 | 0.6377778 |
| ## 64 | 0.56 | 0.6744444 |
| ## 65 | 0.52 | 0.7355556 |
| ## 66 | 0.55 | 0.7444444 |
| ## 67 | 0.61 | 0.7800000 |
| ## 68 | 0.57 | 0.6977778 |
| ## 69 | 0.68 | 0.7222222 |
| ## 70 | 0.78 | 0.8822222 |
| ## 71 | 0.94 | 0.9244444 |
| ## 72 | 0.96 | 0.9288889 |
| ## 73 | 0.93 | 0.8677778 |
| ## 74 | 0.84 | 0.7511111 |
| ## 75 | 0.74 | 0.7000000 |
| ## 76 | 0.72 | 0.7922222 |
| ## 77 | 0.74 | 0.7855556 |
| ## 78 | 0.64 | 0.5660000 |
| ## 79 | 0.44 | 0.4855556 |
| ## 80 | 0.46 | 0.4877778 |
| ## 81 | 0.50 | 0.6744444 |
| ## 82 | 0.96 | 0.9377778 |
| ## 83 | 0.92 | 0.8277778 |
| ## 84 | 0.92 | 0.8400000 |
| ## 85 | 0.94 | 0.9366667 |

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|--------|------|-----------|
| ## 86 | 0.76 | 0.7122222 |
| ## 87 | 0.72 | 0.6633333 |
| ## 88 | 0.66 | 0.6922222 |
| ## 89 | 0.64 | 0.7366667 |
| ## 90 | 0.74 | 0.7700000 |
| ## 91 | 0.64 | 0.6944444 |
| ## 92 | 0.38 | 0.5188889 |
| ## 93 | 0.34 | 0.5111111 |
| ## 94 | 0.44 | 0.5577778 |
| ## 95 | 0.36 | 0.5577778 |
| ## 96 | 0.42 | 0.5300000 |
| ## 97 | 0.48 | 0.5633333 |
| ## 98 | 0.86 | 0.9155556 |
| ## 99 | 0.90 | 0.9255556 |
| ## 100 | 0.79 | 0.8066667 |
| ## 101 | 0.71 | 0.7066667 |
| ## 102 | 0.64 | 0.6777778 |
| ## 103 | 0.62 | 0.6711111 |
| ## 104 | 0.57 | 0.6877778 |
| ## 105 | 0.74 | 0.7433333 |
| ## 106 | 0.69 | 0.7344444 |
| ## 107 | 0.87 | 0.8522222 |
| ## 108 | 0.91 | 0.9244444 |
| ## 109 | 0.93 | 0.9300000 |
| ## 110 | 0.68 | 0.6200000 |
| ## 111 | 0.61 | 0.6133333 |
| ## 112 | 0.69 | 0.7777778 |
| ## 113 | 0.62 | 0.6155556 |
| ## 114 | 0.72 | 0.7577778 |
| ## 115 | 0.59 | 0.6944444 |
| ## 116 | 0.66 | 0.7200000 |
| ## 117 | 0.56 | 0.5966667 |
| ## 118 | 0.45 | 0.5711111 |
| ## 119 | 0.47 | 0.5233333 |
| ## 120 | 0.71 | 0.7922222 |
| ## 121 | 0.94 | 0.9344444 |
| ## 122 | 0.94 | 0.9333333 |
| ## 123 | 0.57 | 0.6622222 |
| ## 124 | 0.61 | 0.6544444 |
| ## 125 | 0.57 | 0.6222222 |
| ## 126 | 0.64 | 0.6033333 |
| ## 127 | 0.85 | 0.8022222 |
| ## 128 | 0.78 | 0.7711111 |
| ## 129 | 0.84 | 0.7433333 |
| ## 130 | 0.92 | 0.9322222 |
| ## 131 | 0.96 | 0.9366667 |
| ## 132 | 0.77 | 0.6333333 |
| ## 133 | 0.71 | 0.6766667 |
| ## 134 | 0.79 | 0.8588889 |
| ## 135 | 0.89 | 0.9277778 |
| ## 136 | 0.82 | 0.7522222 |
| ## 137 | 0.76 | 0.7200000 |
| ## 138 | 0.71 | 0.6311111 |
| ## 139 | 0.80 | 0.7977778 |

| | | |
|--------|------|-----------|
| ## 140 | 0.78 | 0.6988889 |
| ## 141 | 0.84 | 0.8277778 |
| ## 142 | 0.90 | 0.9155556 |
| ## 143 | 0.92 | 0.9133333 |
| ## 144 | 0.97 | 0.9377778 |
| ## 145 | 0.80 | 0.7333333 |
| ## 146 | 0.81 | 0.7666667 |
| ## 147 | 0.75 | 0.6933333 |
| ## 148 | 0.83 | 0.7711111 |
| ## 149 | 0.96 | 0.9333333 |
| ## 150 | 0.79 | 0.7033333 |
| ## 151 | 0.93 | 0.9100000 |
| ## 152 | 0.94 | 0.9288889 |
| ## 153 | 0.86 | 0.8644444 |
| ## 154 | 0.79 | 0.7633333 |
| ## 155 | 0.80 | 0.7866667 |
| ## 156 | 0.77 | 0.7266667 |
| ## 157 | 0.70 | 0.6933333 |
| ## 158 | 0.65 | 0.6688889 |
| ## 159 | 0.61 | 0.6344444 |
| ## 160 | 0.52 | 0.5755556 |
| ## 161 | 0.57 | 0.6422222 |
| ## 162 | 0.53 | 0.5722222 |
| ## 163 | 0.67 | 0.7155556 |
| ## 164 | 0.68 | 0.6988889 |
| ## 165 | 0.81 | 0.8444444 |
| ## 166 | 0.78 | 0.8100000 |
| ## 167 | 0.65 | 0.6333333 |
| ## 168 | 0.64 | 0.6688889 |
| ## 169 | 0.64 | 0.5300000 |
| ## 170 | 0.65 | 0.6033333 |
| ## 171 | 0.68 | 0.6600000 |
| ## 172 | 0.89 | 0.9166667 |
| ## 173 | 0.86 | 0.8088889 |
| ## 174 | 0.89 | 0.8266667 |
| ## 175 | 0.87 | 0.8311111 |
| ## 176 | 0.85 | 0.8255556 |
| ## 177 | 0.90 | 0.9144444 |
| ## 178 | 0.82 | 0.7300000 |
| ## 179 | 0.72 | 0.6600000 |
| ## 180 | 0.73 | 0.6133333 |
| ## 181 | 0.71 | 0.6255556 |
| ## 182 | 0.71 | 0.6122222 |
| ## 183 | 0.68 | 0.5700000 |
| ## 184 | 0.75 | 0.7522222 |
| ## 185 | 0.72 | 0.6700000 |
| ## 186 | 0.89 | 0.8377778 |
| ## 187 | 0.84 | 0.6922222 |
| ## 188 | 0.93 | 0.9355556 |
| ## 189 | 0.93 | 0.9133333 |
| ## 190 | 0.88 | 0.8477778 |
| ## 191 | 0.90 | 0.8433333 |
| ## 192 | 0.87 | 0.8544444 |
| ## 193 | 0.86 | 0.8444444 |

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| ## 194 | 0.94 | 0.9433333 |
| ## 195 | 0.77 | 0.7144444 |
| ## 196 | 0.78 | 0.6311111 |
| ## 197 | 0.73 | 0.6366667 |
| ## 198 | 0.73 | 0.6922222 |
| ## 199 | 0.70 | 0.7077778 |
| ## 200 | 0.72 | 0.7144444 |
| ## 201 | 0.73 | 0.6622222 |
| ## 202 | 0.72 | 0.7588889 |
| ## 203 | 0.97 | 0.9388889 |
| ## 204 | 0.97 | 0.9422222 |
| ## 205 | 0.69 | 0.6022222 |
| ## 206 | 0.57 | 0.5644444 |
| ## 207 | 0.63 | 0.6455556 |
| ## 208 | 0.66 | 0.6822222 |
| ## 209 | 0.64 | 0.6344444 |
| ## 210 | 0.68 | 0.6233333 |
| ## 211 | 0.79 | 0.7988889 |
| ## 212 | 0.82 | 0.8311111 |
| ## 213 | 0.95 | 0.9422222 |
| ## 214 | 0.96 | 0.9366667 |
| ## 215 | 0.94 | 0.9211111 |
| ## 216 | 0.93 | 0.9222222 |
| ## 217 | 0.91 | 0.8355556 |
| ## 218 | 0.85 | 0.7777778 |
| ## 219 | 0.84 | 0.7988889 |
| ## 220 | 0.74 | 0.7055556 |
| ## 221 | 0.76 | 0.7433333 |
| ## 222 | 0.75 | 0.7288889 |
| ## 223 | 0.76 | 0.7911111 |
| ## 224 | 0.71 | 0.6333333 |
| ## 225 | 0.67 | 0.6366667 |
| ## 226 | 0.61 | 0.5644444 |
| ## 227 | 0.63 | 0.6311111 |
| ## 228 | 0.64 | 0.7355556 |
| ## 229 | 0.71 | 0.7600000 |
| ## 230 | 0.82 | 0.7311111 |
| ## 231 | 0.73 | 0.7355556 |
| ## 232 | 0.74 | 0.7288889 |
| ## 233 | 0.69 | 0.6633333 |
| ## 234 | 0.64 | 0.5422222 |
| ## 235 | 0.91 | 0.8933333 |
| ## 236 | 0.88 | 0.8222222 |
| ## 237 | 0.85 | 0.8166667 |
| ## 238 | 0.86 | 0.8944444 |
| ## 239 | 0.70 | 0.6677778 |
| ## 240 | 0.59 | 0.5555556 |
| ## 241 | 0.60 | 0.5666667 |
| ## 242 | 0.65 | 0.6377778 |
| ## 243 | 0.70 | 0.7833333 |
| ## 244 | 0.76 | 0.7600000 |
| ## 245 | 0.63 | 0.6644444 |
| ## 246 | 0.81 | 0.8277778 |
| ## 247 | 0.72 | 0.7133333 |

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| ## 248 | 0.71 | 0.6922222 |
| ## 249 | 0.80 | 0.7977778 |
| ## 250 | 0.77 | 0.7966667 |
| ## 251 | 0.74 | 0.7044444 |
| ## 252 | 0.70 | 0.6311111 |
| ## 253 | 0.71 | 0.6533333 |
| ## 254 | 0.93 | 0.9111111 |
| ## 255 | 0.85 | 0.8244444 |
| ## 256 | 0.79 | 0.6311111 |
| ## 257 | 0.76 | 0.6000000 |
| ## 258 | 0.78 | 0.7444444 |
| ## 259 | 0.77 | 0.7411111 |
| ## 260 | 0.90 | 0.9177778 |
| ## 261 | 0.87 | 0.8077778 |
| ## 262 | 0.71 | 0.7266667 |
| ## 263 | 0.70 | 0.6488889 |
| ## 264 | 0.70 | 0.7588889 |
| ## 265 | 0.75 | 0.7588889 |
| ## 266 | 0.71 | 0.6800000 |
| ## 267 | 0.72 | 0.6655556 |
| ## 268 | 0.73 | 0.6666667 |
| ## 269 | 0.83 | 0.8366667 |
| ## 270 | 0.77 | 0.6755556 |
| ## 271 | 0.72 | 0.6422222 |
| ## 272 | 0.54 | 0.5244444 |
| ## 273 | 0.49 | 0.4944444 |
| ## 274 | 0.52 | 0.6144444 |
| ## 275 | 0.58 | 0.6211111 |
| ## 276 | 0.78 | 0.7633333 |
| ## 277 | 0.89 | 0.8711111 |
| ## 278 | 0.70 | 0.6777778 |
| ## 279 | 0.66 | 0.6522222 |
| ## 280 | 0.67 | 0.5922222 |
| ## 281 | 0.68 | 0.7133333 |
| ## 282 | 0.80 | 0.7322222 |
| ## 283 | 0.81 | 0.7233333 |
| ## 284 | 0.80 | 0.7611111 |
| ## 285 | 0.94 | 0.9366667 |
| ## 286 | 0.93 | 0.9255556 |
| ## 287 | 0.92 | 0.9377778 |
| ## 288 | 0.89 | 0.8388889 |
| ## 289 | 0.82 | 0.7300000 |
| ## 290 | 0.79 | 0.7522222 |
| ## 291 | 0.58 | 0.6355556 |
| ## 292 | 0.56 | 0.5622222 |
| ## 293 | 0.56 | 0.5588889 |
| ## 294 | 0.64 | 0.6044444 |
| ## 295 | 0.61 | 0.6300000 |
| ## 296 | 0.68 | 0.6366667 |
| ## 297 | 0.76 | 0.7088889 |
| ## 298 | 0.86 | 0.8288889 |
| ## 299 | 0.90 | 0.8911111 |
| ## 300 | 0.71 | 0.6311111 |
| ## 301 | 0.62 | 0.6744444 |

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| ## 302 | 0.66 | 0.7122222 |
| ## 303 | 0.65 | 0.7200000 |
| ## 304 | 0.73 | 0.7233333 |
| ## 305 | 0.62 | 0.6222222 |
| ## 306 | 0.74 | 0.7544444 |
| ## 307 | 0.79 | 0.8044444 |
| ## 308 | 0.80 | 0.7900000 |
| ## 309 | 0.69 | 0.7266667 |
| ## 310 | 0.70 | 0.6366667 |
| ## 311 | 0.76 | 0.7355556 |
| ## 312 | 0.84 | 0.8188889 |
| ## 313 | 0.78 | 0.7277778 |
| ## 314 | 0.67 | 0.6288889 |
| ## 315 | 0.66 | 0.6311111 |
| ## 316 | 0.65 | 0.6488889 |
| ## 317 | 0.54 | 0.5533333 |
| ## 318 | 0.58 | 0.5500000 |
| ## 319 | 0.79 | 0.7588889 |
| ## 320 | 0.80 | 0.8040000 |
| ## 321 | 0.75 | 0.6933333 |
| ## 322 | 0.73 | 0.7266667 |
| ## 323 | 0.72 | 0.6644444 |
| ## 324 | 0.62 | 0.5922222 |
| ## 325 | 0.67 | 0.6711111 |
| ## 326 | 0.81 | 0.7977778 |
| ## 327 | 0.63 | 0.5788889 |
| ## 328 | 0.69 | 0.5733333 |
| ## 329 | 0.80 | 0.7966667 |
| ## 330 | 0.43 | 0.5033333 |
| ## 331 | 0.80 | 0.7944444 |
| ## 332 | 0.73 | 0.6822222 |
| ## 333 | 0.75 | 0.6655556 |
| ## 334 | 0.71 | 0.7311111 |
| ## 335 | 0.73 | 0.7388889 |
| ## 336 | 0.83 | 0.8288889 |
| ## 337 | 0.72 | 0.7177778 |
| ## 338 | 0.94 | 0.9244444 |
| ## 339 | 0.81 | 0.7777778 |
| ## 340 | 0.81 | 0.7388889 |
| ## 341 | 0.75 | 0.6877778 |
| ## 342 | 0.79 | 0.7466667 |
| ## 343 | 0.58 | 0.6411111 |
| ## 344 | 0.59 | 0.6211111 |
| ## 345 | 0.47 | 0.4966667 |
| ## 346 | 0.49 | 0.6011111 |
| ## 347 | 0.47 | 0.5300000 |
| ## 348 | 0.42 | 0.5022222 |
| ## 349 | 0.57 | 0.5466667 |
| ## 350 | 0.62 | 0.6477778 |
| ## 351 | 0.74 | 0.7055556 |
| ## 352 | 0.73 | 0.7744444 |
| ## 353 | 0.64 | 0.5577778 |
| ## 354 | 0.63 | 0.6300000 |
| ## 355 | 0.59 | 0.5111111 |

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| ## 356 | 0.73 | 0.6811111 |
| ## 357 | 0.79 | 0.7944444 |
| ## 358 | 0.68 | 0.6233333 |
| ## 359 | 0.70 | 0.6622222 |
| ## 360 | 0.81 | 0.7000000 |
| ## 361 | 0.85 | 0.7855556 |
| ## 362 | 0.93 | 0.9088889 |
| ## 363 | 0.91 | 0.9344444 |
| ## 364 | 0.69 | 0.6522222 |
| ## 365 | 0.77 | 0.7011111 |
| ## 366 | 0.86 | 0.8933333 |
| ## 367 | 0.74 | 0.7322222 |
| ## 368 | 0.57 | 0.6033333 |
| ## 369 | 0.51 | 0.4855556 |
| ## 370 | 0.67 | 0.5555556 |
| ## 371 | 0.72 | 0.6866667 |
| ## 372 | 0.89 | 0.7944444 |
| ## 373 | 0.95 | 0.9422222 |
| ## 374 | 0.79 | 0.7522222 |
| ## 375 | 0.39 | 0.6733333 |
| ## 376 | 0.38 | 0.5422222 |
| ## 377 | 0.34 | 0.5033333 |
| ## 378 | 0.47 | 0.5566667 |
| ## 379 | 0.56 | 0.5422222 |
| ## 380 | 0.71 | 0.6033333 |
| ## 381 | 0.78 | 0.7200000 |
| ## 382 | 0.73 | 0.7177778 |
| ## 383 | 0.82 | 0.8100000 |
| ## 384 | 0.62 | 0.6044444 |
| ## 385 | 0.96 | 0.9366667 |
| ## 386 | 0.96 | 0.9344444 |
| ## 387 | 0.46 | 0.5877778 |
| ## 388 | 0.53 | 0.6388889 |
| ## 389 | 0.49 | 0.5066667 |
| ## 390 | 0.76 | 0.7300000 |
| ## 391 | 0.64 | 0.6233333 |
| ## 392 | 0.71 | 0.7188889 |
| ## 393 | 0.84 | 0.7922222 |
| ## 394 | 0.77 | 0.6877778 |
| ## 395 | 0.89 | 0.8510000 |
| ## 396 | 0.82 | 0.7988889 |
| ## 397 | 0.84 | 0.7866667 |
| ## 398 | 0.91 | 0.9222222 |
| ## 399 | 0.67 | 0.7300000 |
| ## 400 | 0.95 | 0.9266667 |
| ## 401 | 0.63 | 0.5422222 |
| ## 402 | 0.66 | 0.6900000 |
| ## 403 | 0.78 | 0.7533333 |
| ## 404 | 0.91 | 0.9144444 |
| ## 405 | 0.62 | 0.6488889 |
| ## 406 | 0.52 | 0.5777778 |
| ## 407 | 0.61 | 0.7077778 |
| ## 408 | 0.58 | 0.5788889 |
| ## 409 | 0.57 | 0.5477778 |

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| ## 410 | 0.61 | 0.5366667 |
| ## 411 | 0.54 | 0.5244444 |
| ## 412 | 0.56 | 0.5944444 |
| ## 413 | 0.59 | 0.6355556 |
| ## 414 | 0.49 | 0.6411111 |
| ## 415 | 0.72 | 0.7877778 |
| ## 416 | 0.76 | 0.7900000 |
| ## 417 | 0.65 | 0.6744444 |
| ## 418 | 0.52 | 0.6533333 |
| ## 419 | 0.60 | 0.6555556 |
| ## 420 | 0.58 | 0.6466667 |
| ## 421 | 0.42 | 0.5788889 |
| ## 422 | 0.77 | 0.7911111 |
| ## 423 | 0.73 | 0.8055556 |
| ## 424 | 0.94 | 0.9377778 |
| ## 425 | 0.91 | 0.8533333 |
| ## 426 | 0.92 | 0.8666667 |
| ## 427 | 0.71 | 0.7200000 |
| ## 428 | 0.71 | 0.6555556 |
| ## 429 | 0.69 | 0.7100000 |
| ## 430 | 0.95 | 0.9366667 |
| ## 431 | 0.74 | 0.7000000 |
| ## 432 | 0.73 | 0.7911111 |
| ## 433 | 0.86 | 0.8077778 |
| ## 434 | 0.71 | 0.7277778 |
| ## 435 | 0.64 | 0.6255556 |
| ## 436 | 0.55 | 0.6577778 |
| ## 437 | 0.58 | 0.6855556 |
| ## 438 | 0.61 | 0.6822222 |
| ## 439 | 0.67 | 0.7144444 |
| ## 440 | 0.66 | 0.6655556 |
| ## 441 | 0.53 | 0.6333333 |
| ## 442 | 0.79 | 0.8522222 |
| ## 443 | 0.92 | 0.9266667 |
| ## 444 | 0.87 | 0.8422222 |
| ## 445 | 0.92 | 0.8433333 |
| ## 446 | 0.91 | 0.8922222 |
| ## 447 | 0.93 | 0.8900000 |
| ## 448 | 0.84 | 0.7488889 |
| ## 449 | 0.80 | 0.7233333 |
| ## 450 | 0.79 | 0.6977778 |
| ## 451 | 0.82 | 0.8177778 |
| ## 452 | 0.89 | 0.8311111 |
| ## 453 | 0.93 | 0.9022222 |
| ## 454 | 0.73 | 0.7300000 |
| ## 455 | 0.71 | 0.6722222 |
| ## 456 | 0.59 | 0.5922222 |
| ## 457 | 0.51 | 0.5688889 |
| ## 458 | 0.37 | 0.5566667 |
| ## 459 | 0.69 | 0.6444444 |
| ## 460 | 0.89 | 0.8633333 |
| ## 461 | 0.77 | 0.7233333 |
| ## 462 | 0.68 | 0.6044444 |
| ## 463 | 0.62 | 0.6611111 |

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| ## 464 | 0.57 | 0.6322222 |
| ## 465 | 0.45 | 0.5111111 |
| ## 466 | 0.54 | 0.5288889 |
| ## 467 | 0.71 | 0.6833333 |
| ## 468 | 0.78 | 0.7200000 |
| ## 469 | 0.81 | 0.8444444 |
| ## 470 | 0.86 | 0.7977778 |
| ## 471 | 0.87 | 0.8277778 |
| ## 472 | 0.64 | 0.6877778 |
| ## 473 | 0.90 | 0.8855556 |
| ## 474 | 0.67 | 0.6644444 |
| ## 475 | 0.67 | 0.6466667 |
| ## 476 | 0.59 | 0.6144444 |
| ## 477 | 0.62 | 0.6300000 |
| ## 478 | 0.65 | 0.6566667 |
| ## 479 | 0.71 | 0.7166667 |
| ## 480 | 0.79 | 0.8233333 |
| ## 481 | 0.80 | 0.7222222 |
| ## 482 | 0.78 | 0.7233333 |
| ## 483 | 0.83 | 0.8111111 |
| ## 484 | 0.71 | 0.6088889 |
| ## 485 | 0.73 | 0.6933333 |
| ## 486 | 0.70 | 0.6577778 |
| ## 487 | 0.68 | 0.6877778 |
| ## 488 | 0.79 | 0.8288889 |
| ## 489 | 0.76 | 0.8011111 |
| ## 490 | 0.65 | 0.6022222 |
| ## 491 | 0.67 | 0.6411111 |
| ## 492 | 0.54 | 0.5166667 |
| ## 493 | 0.53 | 0.5711111 |
| ## 494 | 0.62 | 0.4877778 |
| ## 495 | 0.68 | 0.5822222 |
| ## 496 | 0.87 | 0.8544444 |
| ## 497 | 0.96 | 0.9288889 |
| ## 498 | 0.93 | 0.9244444 |
| ## 499 | 0.73 | 0.7200000 |
| ## 500 | 0.84 | 0.8266667 |