M2A Assignment

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8/22/2021

##Install Packages

library(ggpubr)

## Loading required package: ggplot2

library(car)

## Loading required package: carData

library(caret)

## Loading required package: lattice

library(tidyverse)

## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --

## v tibble 3.1.3 v dplyr 1.0.7  
## v tidyr 1.1.3 v stringr 1.4.0  
## v readr 2.0.0 v forcats 0.5.1  
## v purrr 0.3.4

## -- Conflicts ------------------------------------------ tidyverse\_conflicts() --  
## x dplyr::filter() masks stats::filter()  
## x dplyr::lag() masks stats::lag()  
## x purrr::lift() masks caret::lift()  
## x dplyr::recode() masks car::recode()  
## x purrr::some() masks car::some()

library(ggplot2)  
library(dplyr)  
library(MASS)

##   
## Attaching package: 'MASS'

## The following object is masked from 'package:dplyr':  
##   
## select

##Importing and View Data

abalone.url <-  
 "https://archive.ics.uci.edu/ml/machine-learning-databases/abalone/abalone.data"  
abalone.data <- read.csv(abalone.url, header=FALSE) #data does not have variable names  
abalone.data

## V1 V2 V3 V4 V5 V6 V7 V8 V9  
## 1 M 0.455 0.365 0.095 0.5140 0.2245 0.1010 0.1500 15  
## 2 M 0.350 0.265 0.090 0.2255 0.0995 0.0485 0.0700 7  
## 3 F 0.530 0.420 0.135 0.6770 0.2565 0.1415 0.2100 9  
## 4 M 0.440 0.365 0.125 0.5160 0.2155 0.1140 0.1550 10  
## 5 I 0.330 0.255 0.080 0.2050 0.0895 0.0395 0.0550 7  
## 6 I 0.425 0.300 0.095 0.3515 0.1410 0.0775 0.1200 8  
## 7 F 0.530 0.415 0.150 0.7775 0.2370 0.1415 0.3300 20  
## 8 F 0.545 0.425 0.125 0.7680 0.2940 0.1495 0.2600 16  
## 9 M 0.475 0.370 0.125 0.5095 0.2165 0.1125 0.1650 9  
## 10 F 0.550 0.440 0.150 0.8945 0.3145 0.1510 0.3200 19  
## 11 F 0.525 0.380 0.140 0.6065 0.1940 0.1475 0.2100 14  
## 12 M 0.430 0.350 0.110 0.4060 0.1675 0.0810 0.1350 10  
## 13 M 0.490 0.380 0.135 0.5415 0.2175 0.0950 0.1900 11  
## 14 F 0.535 0.405 0.145 0.6845 0.2725 0.1710 0.2050 10  
## 15 F 0.470 0.355 0.100 0.4755 0.1675 0.0805 0.1850 10  
## 16 M 0.500 0.400 0.130 0.6645 0.2580 0.1330 0.2400 12  
## 17 I 0.355 0.280 0.085 0.2905 0.0950 0.0395 0.1150 7  
## 18 F 0.440 0.340 0.100 0.4510 0.1880 0.0870 0.1300 10  
## 19 M 0.365 0.295 0.080 0.2555 0.0970 0.0430 0.1000 7  
## 20 M 0.450 0.320 0.100 0.3810 0.1705 0.0750 0.1150 9  
## 21 M 0.355 0.280 0.095 0.2455 0.0955 0.0620 0.0750 11  
## 22 I 0.380 0.275 0.100 0.2255 0.0800 0.0490 0.0850 10  
## 23 F 0.565 0.440 0.155 0.9395 0.4275 0.2140 0.2700 12  
## 24 F 0.550 0.415 0.135 0.7635 0.3180 0.2100 0.2000 9  
## 25 F 0.615 0.480 0.165 1.1615 0.5130 0.3010 0.3050 10  
## 26 F 0.560 0.440 0.140 0.9285 0.3825 0.1880 0.3000 11  
## 27 F 0.580 0.450 0.185 0.9955 0.3945 0.2720 0.2850 11  
## 28 M 0.590 0.445 0.140 0.9310 0.3560 0.2340 0.2800 12  
## 29 M 0.605 0.475 0.180 0.9365 0.3940 0.2190 0.2950 15  
## 30 M 0.575 0.425 0.140 0.8635 0.3930 0.2270 0.2000 11  
## 31 M 0.580 0.470 0.165 0.9975 0.3935 0.2420 0.3300 10  
## 32 F 0.680 0.560 0.165 1.6390 0.6055 0.2805 0.4600 15  
## 33 M 0.665 0.525 0.165 1.3380 0.5515 0.3575 0.3500 18  
## 34 F 0.680 0.550 0.175 1.7980 0.8150 0.3925 0.4550 19  
## 35 F 0.705 0.550 0.200 1.7095 0.6330 0.4115 0.4900 13  
## 36 M 0.465 0.355 0.105 0.4795 0.2270 0.1240 0.1250 8  
## 37 F 0.540 0.475 0.155 1.2170 0.5305 0.3075 0.3400 16  
## 38 F 0.450 0.355 0.105 0.5225 0.2370 0.1165 0.1450 8  
## 39 F 0.575 0.445 0.135 0.8830 0.3810 0.2035 0.2600 11  
## 40 M 0.355 0.290 0.090 0.3275 0.1340 0.0860 0.0900 9  
## 41 F 0.450 0.335 0.105 0.4250 0.1865 0.0910 0.1150 9  
## 42 F 0.550 0.425 0.135 0.8515 0.3620 0.1960 0.2700 14  
## 43 I 0.240 0.175 0.045 0.0700 0.0315 0.0235 0.0200 5  
## 44 I 0.205 0.150 0.055 0.0420 0.0255 0.0150 0.0120 5  
## 45 I 0.210 0.150 0.050 0.0420 0.0175 0.0125 0.0150 4  
## 46 I 0.390 0.295 0.095 0.2030 0.0875 0.0450 0.0750 7  
## 47 M 0.470 0.370 0.120 0.5795 0.2930 0.2270 0.1400 9  
## 48 F 0.460 0.375 0.120 0.4605 0.1775 0.1100 0.1500 7  
## 49 I 0.325 0.245 0.070 0.1610 0.0755 0.0255 0.0450 6  
## 50 F 0.525 0.425 0.160 0.8355 0.3545 0.2135 0.2450 9  
## 51 I 0.520 0.410 0.120 0.5950 0.2385 0.1110 0.1900 8  
## 52 M 0.400 0.320 0.095 0.3030 0.1335 0.0600 0.1000 7  
## 53 M 0.485 0.360 0.130 0.5415 0.2595 0.0960 0.1600 10  
## 54 F 0.470 0.360 0.120 0.4775 0.2105 0.1055 0.1500 10  
## 55 M 0.405 0.310 0.100 0.3850 0.1730 0.0915 0.1100 7  
## 56 F 0.500 0.400 0.140 0.6615 0.2565 0.1755 0.2200 8  
## 57 M 0.445 0.350 0.120 0.4425 0.1920 0.0955 0.1350 8  
## 58 M 0.470 0.385 0.135 0.5895 0.2765 0.1200 0.1700 8  
## 59 I 0.245 0.190 0.060 0.0860 0.0420 0.0140 0.0250 4  
## 60 F 0.505 0.400 0.125 0.5830 0.2460 0.1300 0.1750 7  
## 61 M 0.450 0.345 0.105 0.4115 0.1800 0.1125 0.1350 7  
## 62 M 0.505 0.405 0.110 0.6250 0.3050 0.1600 0.1750 9  
## 63 F 0.530 0.410 0.130 0.6965 0.3020 0.1935 0.2000 10  
## 64 M 0.425 0.325 0.095 0.3785 0.1705 0.0800 0.1000 7  
## 65 M 0.520 0.400 0.120 0.5800 0.2340 0.1315 0.1850 8  
## 66 M 0.475 0.355 0.120 0.4800 0.2340 0.1015 0.1350 8  
## 67 F 0.565 0.440 0.160 0.9150 0.3540 0.1935 0.3200 12  
## 68 F 0.595 0.495 0.185 1.2850 0.4160 0.2240 0.4850 13  
## 69 F 0.475 0.390 0.120 0.5305 0.2135 0.1155 0.1700 10  
## 70 I 0.310 0.235 0.070 0.1510 0.0630 0.0405 0.0450 6  
## 71 M 0.555 0.425 0.130 0.7665 0.2640 0.1680 0.2750 13  
## 72 F 0.400 0.320 0.110 0.3530 0.1405 0.0985 0.1000 8  
## 73 F 0.595 0.475 0.170 1.2470 0.4800 0.2250 0.4250 20  
## 74 M 0.570 0.480 0.175 1.1850 0.4740 0.2610 0.3800 11  
## 75 F 0.605 0.450 0.195 1.0980 0.4810 0.2895 0.3150 13  
## 76 F 0.600 0.475 0.150 1.0075 0.4425 0.2210 0.2800 15  
## 77 M 0.595 0.475 0.140 0.9440 0.3625 0.1890 0.3150 9  
## 78 F 0.600 0.470 0.150 0.9220 0.3630 0.1940 0.3050 10  
## 79 F 0.555 0.425 0.140 0.7880 0.2820 0.1595 0.2850 11  
## 80 F 0.615 0.475 0.170 1.1025 0.4695 0.2355 0.3450 14  
## 81 F 0.575 0.445 0.140 0.9410 0.3845 0.2520 0.2850 9  
## 82 M 0.620 0.510 0.175 1.6150 0.5105 0.1920 0.6750 12  
## 83 F 0.520 0.425 0.165 0.9885 0.3960 0.2250 0.3200 16  
## 84 M 0.595 0.475 0.160 1.3175 0.4080 0.2340 0.5800 21  
## 85 M 0.580 0.450 0.140 1.0130 0.3800 0.2160 0.3600 14  
## 86 F 0.570 0.465 0.180 1.2950 0.3390 0.2225 0.4400 12  
## 87 M 0.625 0.465 0.140 1.1950 0.4825 0.2050 0.4000 13  
## 88 M 0.560 0.440 0.160 0.8645 0.3305 0.2075 0.2600 10  
## 89 F 0.460 0.355 0.130 0.5170 0.2205 0.1140 0.1650 9  
## 90 F 0.575 0.450 0.160 0.9775 0.3135 0.2310 0.3300 12  
## 91 M 0.565 0.425 0.135 0.8115 0.3410 0.1675 0.2550 15  
## 92 M 0.555 0.440 0.150 0.7550 0.3070 0.1525 0.2600 12  
## 93 M 0.595 0.465 0.175 1.1150 0.4015 0.2540 0.3900 13  
## 94 F 0.625 0.495 0.165 1.2620 0.5070 0.3180 0.3900 10  
## 95 M 0.695 0.560 0.190 1.4940 0.5880 0.3425 0.4850 15  
## 96 M 0.665 0.535 0.195 1.6060 0.5755 0.3880 0.4800 14  
## 97 M 0.535 0.435 0.150 0.7250 0.2690 0.1385 0.2500 9  
## 98 M 0.470 0.375 0.130 0.5230 0.2140 0.1320 0.1450 8  
## 99 M 0.470 0.370 0.130 0.5225 0.2010 0.1330 0.1650 7  
## 100 F 0.475 0.375 0.125 0.5785 0.2775 0.0850 0.1550 10  
## 101 I 0.360 0.265 0.095 0.2315 0.1050 0.0460 0.0750 7  
## 102 M 0.550 0.435 0.145 0.8430 0.3280 0.1915 0.2550 15  
## 103 M 0.530 0.435 0.160 0.8830 0.3160 0.1640 0.3350 15  
## 104 M 0.530 0.415 0.140 0.7240 0.3105 0.1675 0.2050 10  
## 105 M 0.605 0.470 0.160 1.1735 0.4975 0.2405 0.3450 12  
## 106 F 0.520 0.410 0.155 0.7270 0.2910 0.1835 0.2350 12  
## 107 F 0.545 0.430 0.165 0.8020 0.2935 0.1830 0.2800 11  
## 108 F 0.500 0.400 0.125 0.6675 0.2610 0.1315 0.2200 10  
## 109 F 0.510 0.390 0.135 0.6335 0.2310 0.1790 0.2000 9  
## 110 F 0.435 0.395 0.105 0.3635 0.1360 0.0980 0.1300 9  
## 111 M 0.495 0.395 0.125 0.5415 0.2375 0.1345 0.1550 9  
## 112 M 0.465 0.360 0.105 0.4310 0.1720 0.1070 0.1750 9  
## 113 I 0.435 0.320 0.080 0.3325 0.1485 0.0635 0.1050 9  
## 114 M 0.425 0.350 0.105 0.3930 0.1300 0.0630 0.1650 9  
## 115 F 0.545 0.410 0.125 0.6935 0.2975 0.1460 0.2100 11  
## 116 F 0.530 0.415 0.115 0.5915 0.2330 0.1585 0.1800 11  
## 117 F 0.490 0.375 0.135 0.6125 0.2555 0.1020 0.2200 11  
## 118 M 0.440 0.340 0.105 0.4020 0.1305 0.0955 0.1650 10  
## 119 F 0.560 0.430 0.150 0.8825 0.3465 0.1720 0.3100 9  
## 120 M 0.405 0.305 0.085 0.2605 0.1145 0.0595 0.0850 8  
## 121 F 0.470 0.365 0.105 0.4205 0.1630 0.1035 0.1400 9  
## 122 I 0.385 0.295 0.085 0.2535 0.1030 0.0575 0.0850 7  
## 123 F 0.515 0.425 0.140 0.7660 0.3040 0.1725 0.2550 14  
## 124 M 0.370 0.265 0.075 0.2140 0.0900 0.0510 0.0700 6  
## 125 I 0.360 0.280 0.080 0.1755 0.0810 0.0505 0.0700 6  
## 126 I 0.270 0.195 0.060 0.0730 0.0285 0.0235 0.0300 5  
## 127 I 0.375 0.275 0.090 0.2380 0.1075 0.0545 0.0700 6  
## 128 I 0.385 0.290 0.085 0.2505 0.1120 0.0610 0.0800 8  
## 129 M 0.700 0.535 0.160 1.7255 0.6300 0.2635 0.5400 19  
## 130 M 0.710 0.540 0.165 1.9590 0.7665 0.2610 0.7800 18  
## 131 M 0.595 0.480 0.165 1.2620 0.4835 0.2830 0.4100 17  
## 132 F 0.440 0.350 0.125 0.4035 0.1750 0.0630 0.1290 9  
## 133 F 0.325 0.260 0.090 0.1915 0.0850 0.0360 0.0620 7  
## 134 I 0.350 0.260 0.095 0.2110 0.0860 0.0560 0.0680 7  
## 135 I 0.265 0.200 0.065 0.0975 0.0400 0.0205 0.0280 7  
## 136 F 0.425 0.330 0.115 0.4060 0.1635 0.0810 0.1355 8  
## 137 F 0.305 0.230 0.080 0.1560 0.0675 0.0345 0.0480 7  
## 138 M 0.345 0.255 0.090 0.2005 0.0940 0.0295 0.0630 9  
## 139 F 0.405 0.325 0.110 0.3555 0.1510 0.0630 0.1170 9  
## 140 M 0.375 0.285 0.095 0.2530 0.0960 0.0575 0.0925 9  
## 141 F 0.565 0.445 0.155 0.8260 0.3410 0.2055 0.2475 10  
## 142 F 0.550 0.450 0.145 0.7410 0.2950 0.1435 0.2665 10  
## 143 M 0.650 0.520 0.190 1.3445 0.5190 0.3060 0.4465 16  
## 144 M 0.560 0.455 0.155 0.7970 0.3400 0.1900 0.2425 11  
## 145 M 0.475 0.375 0.130 0.5175 0.2075 0.1165 0.1700 10  
## 146 F 0.490 0.380 0.125 0.5490 0.2450 0.1075 0.1740 10  
## 147 M 0.460 0.350 0.120 0.5150 0.2240 0.1080 0.1565 10  
## 148 I 0.280 0.205 0.080 0.1270 0.0520 0.0390 0.0420 9  
## 149 I 0.175 0.130 0.055 0.0315 0.0105 0.0065 0.0125 5  
## 150 I 0.170 0.130 0.095 0.0300 0.0130 0.0080 0.0100 4  
## 151 M 0.590 0.475 0.145 1.0530 0.4415 0.2620 0.3250 15  
## 152 F 0.605 0.500 0.185 1.1185 0.4690 0.2585 0.3350 9  
## 153 F 0.635 0.515 0.190 1.3715 0.5065 0.3050 0.4500 10  
## 154 F 0.605 0.485 0.160 1.0565 0.3700 0.2355 0.3550 10  
## 155 F 0.565 0.450 0.135 0.9885 0.3870 0.1495 0.3100 12  
## 156 M 0.515 0.405 0.130 0.7220 0.3200 0.1310 0.2100 10  
## 157 F 0.575 0.460 0.190 0.9940 0.3920 0.2425 0.3400 13  
## 158 M 0.645 0.485 0.215 1.5140 0.5460 0.2615 0.6350 16  
## 159 F 0.580 0.455 0.170 0.9075 0.3740 0.2135 0.2850 13  
## 160 F 0.575 0.460 0.165 1.1240 0.2985 0.1785 0.4400 13  
## 161 M 0.605 0.465 0.165 1.0560 0.4215 0.2475 0.3400 13  
## 162 F 0.605 0.485 0.160 1.2220 0.5300 0.2575 0.2800 13  
## 163 M 0.610 0.485 0.175 1.2445 0.5440 0.2970 0.3450 12  
## 164 F 0.725 0.560 0.210 2.1410 0.6500 0.3980 1.0050 18  
## 165 F 0.650 0.545 0.230 1.7520 0.5605 0.2895 0.8150 16  
## 166 M 0.725 0.570 0.190 2.5500 1.0705 0.4830 0.7250 14  
## 167 F 0.725 0.575 0.175 2.1240 0.7650 0.4515 0.8500 20  
## 168 F 0.680 0.570 0.205 1.8420 0.6250 0.4080 0.6500 20  
## 169 M 0.705 0.560 0.220 1.9810 0.8175 0.3085 0.7600 14  
## 170 F 0.680 0.515 0.175 1.6185 0.5125 0.4090 0.6200 12  
## 171 M 0.695 0.550 0.215 1.9565 0.7125 0.5410 0.5900 14  
## 172 F 0.530 0.395 0.145 0.7750 0.3080 0.1690 0.2550 7  
## 173 M 0.525 0.435 0.155 1.0650 0.4860 0.2330 0.2850 8  
## 174 F 0.520 0.405 0.115 0.7760 0.3200 0.1845 0.2200 8  
## 175 I 0.235 0.160 0.040 0.0480 0.0185 0.0180 0.0150 5  
## 176 I 0.360 0.260 0.090 0.1785 0.0645 0.0370 0.0750 7  
## 177 I 0.315 0.210 0.060 0.1250 0.0600 0.0375 0.0350 5  
## 178 I 0.315 0.245 0.085 0.1435 0.0530 0.0475 0.0500 8  
## 179 I 0.225 0.160 0.045 0.0465 0.0250 0.0150 0.0150 4  
## 180 M 0.580 0.475 0.150 0.9700 0.3850 0.2165 0.3500 11  
## 181 M 0.570 0.480 0.180 0.9395 0.3990 0.2000 0.2950 14  
## 182 M 0.640 0.510 0.175 1.3680 0.5150 0.2660 0.5700 21  
## 183 F 0.560 0.450 0.160 1.0235 0.4290 0.2680 0.3000 10  
## 184 F 0.620 0.475 0.175 1.0165 0.4355 0.2140 0.3250 10  
## 185 F 0.645 0.510 0.200 1.5675 0.6210 0.3670 0.4600 12  
## 186 M 0.620 0.490 0.190 1.2180 0.5455 0.2965 0.3550 13  
## 187 F 0.630 0.480 0.150 1.0525 0.3920 0.3360 0.2850 12  
## 188 F 0.630 0.500 0.185 1.3830 0.5400 0.3315 0.3800 10  
## 189 F 0.630 0.480 0.160 1.1990 0.5265 0.3350 0.3150 11  
## 190 F 0.585 0.460 0.170 0.9325 0.3650 0.2710 0.2900 9  
## 191 M 0.615 0.480 0.180 1.1595 0.4845 0.2165 0.3250 13  
## 192 M 0.610 0.485 0.170 1.0225 0.4190 0.2405 0.3600 12  
## 193 M 0.580 0.450 0.150 0.9270 0.2760 0.1815 0.3600 14  
## 194 I 0.355 0.275 0.085 0.2200 0.0920 0.0600 0.1500 8  
## 195 F 0.510 0.400 0.140 0.8145 0.4590 0.1965 0.1950 10  
## 196 M 0.500 0.405 0.155 0.7720 0.3460 0.1535 0.2450 12  
## 197 F 0.505 0.410 0.150 0.6440 0.2850 0.1450 0.2100 11  
## 198 M 0.640 0.500 0.185 1.3035 0.4445 0.2635 0.4650 16  
## 199 M 0.560 0.450 0.160 0.9220 0.4320 0.1780 0.2600 15  
## 200 M 0.585 0.460 0.185 0.9220 0.3635 0.2130 0.2850 10  
## 201 F 0.450 0.345 0.120 0.4165 0.1655 0.0950 0.1350 9  
## 202 M 0.500 0.400 0.165 0.8250 0.2540 0.2050 0.2850 13  
## 203 F 0.500 0.400 0.145 0.6300 0.2340 0.1465 0.2300 12  
## 204 F 0.530 0.435 0.170 0.8155 0.2985 0.1550 0.2750 13  
## 205 M 0.420 0.335 0.115 0.3690 0.1710 0.0710 0.1200 8  
## 206 F 0.440 0.340 0.140 0.4820 0.1860 0.1085 0.1600 9  
## 207 I 0.400 0.300 0.110 0.3150 0.1090 0.0670 0.1200 9  
## 208 I 0.435 0.340 0.110 0.3795 0.1495 0.0850 0.1200 8  
## 209 F 0.525 0.415 0.170 0.8325 0.2755 0.1685 0.3100 13  
## 210 I 0.370 0.280 0.095 0.2655 0.1220 0.0520 0.0800 7  
## 211 F 0.490 0.365 0.145 0.6345 0.1995 0.1625 0.2200 10  
## 212 M 0.335 0.250 0.090 0.1810 0.0755 0.0415 0.0600 7  
## 213 F 0.415 0.325 0.105 0.3800 0.1595 0.0785 0.1200 12  
## 214 M 0.500 0.405 0.140 0.6155 0.2410 0.1355 0.2050 9  
## 215 F 0.485 0.395 0.160 0.6600 0.2475 0.1280 0.2350 14  
## 216 M 0.550 0.405 0.140 0.8025 0.2440 0.1635 0.2550 10  
## 217 M 0.450 0.350 0.130 0.4600 0.1740 0.1110 0.1350 8  
## 218 I 0.405 0.300 0.120 0.3240 0.1265 0.0700 0.1100 7  
## 219 M 0.470 0.360 0.135 0.5010 0.1665 0.1150 0.1650 10  
## 220 F 0.415 0.305 0.130 0.3200 0.1305 0.0755 0.1050 8  
## 221 F 0.445 0.325 0.125 0.4550 0.1785 0.1125 0.1400 9  
## 222 F 0.470 0.350 0.145 0.5175 0.1870 0.1235 0.1800 11  
## 223 F 0.490 0.375 0.150 0.5755 0.2200 0.1440 0.1900 9  
## 224 F 0.445 0.355 0.150 0.4850 0.1810 0.1250 0.1550 11  
## 225 I 0.425 0.380 0.105 0.3265 0.1285 0.0785 0.1000 10  
## 226 F 0.500 0.370 0.135 0.4500 0.1715 0.1055 0.1550 9  
## 227 F 0.390 0.290 0.125 0.3055 0.1210 0.0820 0.0900 7  
## 228 I 0.365 0.270 0.085 0.2050 0.0780 0.0485 0.0700 7  
## 229 F 0.580 0.465 0.165 1.1015 0.4040 0.2095 0.3500 11  
## 230 F 0.530 0.415 0.160 0.7830 0.2935 0.1580 0.2450 15  
## 231 M 0.555 0.445 0.135 0.8360 0.3360 0.1625 0.2750 13  
## 232 M 0.565 0.440 0.175 0.9025 0.3100 0.1930 0.3250 14  
## 233 M 0.625 0.505 0.215 1.4455 0.4960 0.2870 0.4350 22  
## 234 I 0.275 0.215 0.075 0.1155 0.0485 0.0290 0.0350 7  
## 235 I 0.440 0.350 0.135 0.4350 0.1815 0.0830 0.1250 12  
## 236 I 0.295 0.225 0.080 0.1240 0.0485 0.0320 0.0400 9  
## 237 I 0.075 0.055 0.010 0.0020 0.0010 0.0005 0.0015 1  
## 238 I 0.130 0.100 0.030 0.0130 0.0045 0.0030 0.0040 3  
## 239 I 0.110 0.090 0.030 0.0080 0.0025 0.0020 0.0030 3  
## 240 I 0.160 0.120 0.035 0.0210 0.0075 0.0045 0.0050 5  
## 241 M 0.565 0.425 0.160 0.9425 0.3495 0.2185 0.2750 17  
## 242 I 0.270 0.200 0.070 0.1000 0.0340 0.0245 0.0350 5  
## 243 I 0.230 0.175 0.065 0.0645 0.0260 0.0105 0.0200 5  
## 244 I 0.300 0.230 0.080 0.1275 0.0435 0.0265 0.0400 8  
## 245 I 0.330 0.255 0.085 0.1655 0.0630 0.0390 0.0600 8  
## 246 I 0.350 0.260 0.085 0.1740 0.0705 0.0345 0.0600 10  
## 247 I 0.320 0.245 0.080 0.1585 0.0635 0.0325 0.0500 13  
## 248 I 0.360 0.275 0.085 0.1975 0.0745 0.0415 0.0700 9  
## 249 I 0.305 0.245 0.075 0.1560 0.0675 0.0380 0.0450 7  
## 250 I 0.345 0.270 0.110 0.2135 0.0820 0.0545 0.0700 7  
## 251 I 0.330 0.250 0.105 0.1715 0.0655 0.0350 0.0600 7  
## 252 M 0.590 0.470 0.180 1.1235 0.4205 0.2805 0.3600 13  
## 253 F 0.595 0.455 0.155 1.0605 0.5135 0.2165 0.3000 12  
## 254 F 0.575 0.460 0.185 1.0940 0.4485 0.2170 0.3450 15  
## 255 M 0.600 0.495 0.165 1.2415 0.4850 0.2775 0.3400 15  
## 256 M 0.560 0.450 0.175 1.0110 0.3835 0.2065 0.3700 15  
## 257 M 0.560 0.450 0.185 1.0700 0.3805 0.1750 0.4100 19  
## 258 M 0.545 0.460 0.160 0.8975 0.3410 0.1655 0.3450 10  
## 259 F 0.635 0.505 0.170 1.4150 0.6050 0.2970 0.3650 15  
## 260 F 0.590 0.475 0.160 1.1015 0.4775 0.2555 0.2950 13  
## 261 F 0.540 0.475 0.155 0.9280 0.3940 0.1940 0.2600 11  
## 262 F 0.570 0.440 0.125 0.8650 0.3675 0.1725 0.2700 12  
## 263 M 0.530 0.420 0.165 0.8945 0.3190 0.2390 0.2450 11  
## 264 I 0.245 0.195 0.060 0.0950 0.0445 0.0245 0.0260 4  
## 265 M 0.270 0.200 0.080 0.1205 0.0465 0.0280 0.0400 6  
## 266 F 0.460 0.380 0.130 0.6390 0.3000 0.1525 0.1600 11  
## 267 M 0.520 0.450 0.150 0.8950 0.3615 0.1860 0.2350 14  
## 268 M 0.350 0.275 0.110 0.2925 0.1225 0.0635 0.0905 8  
## 269 M 0.470 0.390 0.150 0.6355 0.2185 0.0885 0.2550 9  
## 270 F 0.450 0.360 0.125 0.4995 0.2035 0.1000 0.1700 13  
## 271 F 0.640 0.525 0.215 1.7790 0.4535 0.2855 0.5500 22  
## 272 M 0.590 0.500 0.200 1.1870 0.4120 0.2705 0.3700 16  
## 273 M 0.620 0.485 0.205 1.2190 0.3875 0.2505 0.3850 14  
## 274 M 0.630 0.505 0.225 1.5250 0.5600 0.3335 0.4500 15  
## 275 M 0.630 0.515 0.155 1.2590 0.4105 0.1970 0.4100 13  
## 276 M 0.655 0.540 0.215 1.8440 0.7425 0.3270 0.5850 22  
## 277 F 0.660 0.530 0.185 1.3485 0.4930 0.2450 0.4900 12  
## 278 M 0.610 0.500 0.240 1.6420 0.5320 0.3345 0.6900 18  
## 279 M 0.635 0.525 0.205 1.4840 0.5500 0.3115 0.4300 20  
## 280 F 0.515 0.425 0.135 0.7120 0.2665 0.1605 0.2500 11  
## 281 F 0.535 0.415 0.185 0.8415 0.3140 0.1585 0.3000 15  
## 282 I 0.360 0.285 0.105 0.2415 0.0915 0.0570 0.0750 7  
## 283 F 0.455 0.355 0.120 0.4495 0.1770 0.1040 0.1500 9  
## 284 M 0.485 0.395 0.140 0.6295 0.2285 0.1270 0.2250 14  
## 285 M 0.515 0.380 0.175 0.9565 0.3250 0.1580 0.3100 14  
## 286 F 0.535 0.415 0.170 0.8790 0.2950 0.1965 0.2850 10  
## 287 M 0.530 0.435 0.155 0.6990 0.2880 0.1595 0.2050 10  
## 288 F 0.495 0.400 0.155 0.6445 0.2420 0.1325 0.2050 17  
## 289 M 0.440 0.355 0.125 0.4775 0.1320 0.0815 0.1900 9  
## 290 F 0.535 0.435 0.160 0.8105 0.3155 0.1795 0.2400 10  
## 291 M 0.540 0.435 0.180 0.9960 0.3835 0.2260 0.3250 17  
## 292 F 0.565 0.505 0.210 1.2765 0.5010 0.2790 0.3550 12  
## 293 M 0.610 0.475 0.165 1.1160 0.4280 0.2205 0.3150 15  
## 294 F 0.565 0.455 0.175 1.0130 0.3420 0.2070 0.3500 19  
## 295 M 0.600 0.495 0.195 1.0575 0.3840 0.1900 0.3750 26  
## 296 I 0.295 0.215 0.085 0.1280 0.0490 0.0340 0.0400 6  
## 297 I 0.275 0.205 0.075 0.1105 0.0450 0.0285 0.0350 6  
## 298 I 0.280 0.210 0.085 0.1065 0.0390 0.0295 0.0300 4  
## 299 M 0.490 0.395 0.140 0.5490 0.2215 0.1275 0.1500 11  
## 300 M 0.370 0.280 0.105 0.2340 0.0905 0.0585 0.0750 9  
## 301 F 0.405 0.305 0.095 0.3485 0.1455 0.0895 0.1000 9  
## 302 F 0.540 0.435 0.175 0.8920 0.3220 0.1740 0.3350 13  
## 303 M 0.370 0.280 0.100 0.2520 0.1065 0.0595 0.0740 8  
## 304 M 0.360 0.270 0.100 0.2170 0.0885 0.0495 0.0715 6  
## 305 F 0.470 0.360 0.130 0.4720 0.1820 0.1140 0.1500 10  
## 306 I 0.200 0.145 0.060 0.0370 0.0125 0.0095 0.0110 4  
## 307 I 0.165 0.120 0.030 0.0215 0.0070 0.0050 0.0050 3  
## 308 M 0.645 0.515 0.240 1.5415 0.4710 0.3690 0.5350 13  
## 309 M 0.550 0.410 0.125 0.7605 0.2505 0.1635 0.1950 14  
## 310 M 0.570 0.435 0.145 0.9055 0.3925 0.2355 0.2750 10  
## 311 F 0.630 0.485 0.190 1.2435 0.4635 0.3055 0.3900 21  
## 312 M 0.560 0.440 0.140 0.9710 0.4430 0.2045 0.2650 14  
## 313 M 0.595 0.455 0.195 1.3305 0.4595 0.3235 0.3450 19  
## 314 F 0.620 0.470 0.200 1.2255 0.3810 0.2700 0.4350 23  
## 315 M 0.630 0.485 0.175 1.3000 0.4335 0.2945 0.4600 23  
## 316 I 0.450 0.355 0.110 0.4585 0.1940 0.0670 0.1400 8  
## 317 F 0.635 0.535 0.190 1.2420 0.5760 0.2475 0.3900 14  
## 318 M 0.450 0.350 0.100 0.3675 0.1465 0.1015 0.1200 10  
## 319 F 0.580 0.455 0.155 0.8365 0.3150 0.1385 0.3200 18  
## 320 I 0.330 0.255 0.095 0.1720 0.0660 0.0255 0.0600 6  
## 321 I 0.265 0.210 0.060 0.0965 0.0425 0.0220 0.0300 5  
## 322 I 0.190 0.145 0.040 0.0380 0.0165 0.0065 0.0150 4  
## 323 M 0.385 0.310 0.100 0.2845 0.1065 0.0750 0.1000 11  
## 324 I 0.265 0.205 0.070 0.1055 0.0390 0.0410 0.0350 5  
## 325 M 0.335 0.265 0.105 0.2220 0.0935 0.0560 0.0750 7  
## 326 I 0.355 0.275 0.090 0.2510 0.0970 0.0530 0.0800 7  
## 327 I 0.320 0.255 0.100 0.1755 0.0730 0.0415 0.0650 7  
## 328 M 0.510 0.400 0.130 0.6435 0.2700 0.1665 0.2050 12  
## 329 M 0.360 0.295 0.105 0.2410 0.0865 0.0530 0.0950 8  
## 330 I 0.360 0.280 0.090 0.2255 0.0885 0.0400 0.0900 8  
## 331 M 0.500 0.380 0.155 0.5955 0.2135 0.1610 0.2000 12  
## 332 F 0.400 0.325 0.120 0.3185 0.1340 0.0565 0.0950 8  
## 333 I 0.300 0.220 0.080 0.1210 0.0475 0.0420 0.0350 5  
## 334 I 0.235 0.175 0.040 0.0705 0.0335 0.0150 0.0200 5  
## 335 F 0.740 0.600 0.195 1.9740 0.5980 0.4085 0.7100 16  
## 336 M 0.620 0.465 0.190 1.3415 0.5705 0.3175 0.3550 11  
## 337 M 0.600 0.475 0.190 1.0875 0.4030 0.2655 0.3250 14  
## 338 M 0.590 0.450 0.185 1.2830 0.4730 0.2760 0.4250 16  
## 339 M 0.620 0.475 0.185 1.3250 0.6045 0.3250 0.3300 13  
## 340 F 0.565 0.450 0.195 1.0035 0.4060 0.2505 0.2850 15  
## 341 M 0.575 0.455 0.145 1.1650 0.5810 0.2275 0.3000 14  
## 342 F 0.620 0.510 0.205 1.3475 0.4775 0.2565 0.4800 14  
## 343 M 0.620 0.465 0.185 1.2740 0.5790 0.3065 0.3200 12  
## 344 F 0.505 0.375 0.180 0.5680 0.2325 0.1495 0.1700 12  
## 345 F 0.460 0.425 0.155 0.7460 0.3005 0.1520 0.2400 8  
## 346 M 0.490 0.390 0.140 0.7070 0.2795 0.2185 0.1800 13  
## 347 F 0.525 0.420 0.160 0.7560 0.2745 0.1730 0.2750 9  
## 348 I 0.340 0.260 0.080 0.2000 0.0800 0.0555 0.0550 6  
## 349 I 0.375 0.305 0.115 0.2715 0.0920 0.0740 0.0900 8  
## 350 M 0.610 0.480 0.150 1.2000 0.5600 0.2455 0.2800 14  
## 351 F 0.610 0.495 0.185 1.1530 0.5360 0.2905 0.2450 8  
## 352 F 0.585 0.450 0.170 0.8685 0.3325 0.1635 0.2700 22  
## 353 M 0.570 0.460 0.140 0.9535 0.4465 0.2065 0.2450 12  
## 354 M 0.580 0.455 0.170 0.9300 0.4080 0.2590 0.2200 9  
## 355 M 0.635 0.515 0.170 1.2750 0.5090 0.2860 0.3400 16  
## 356 M 0.700 0.580 0.205 2.1300 0.7415 0.4900 0.5800 20  
## 357 M 0.675 0.525 0.185 1.5870 0.6935 0.3360 0.3950 13  
## 358 F 0.645 0.525 0.190 1.8085 0.7035 0.3885 0.3950 18  
## 359 M 0.745 0.585 0.215 2.4990 0.9265 0.4720 0.7000 17  
## 360 F 0.685 0.545 0.180 1.7680 0.7495 0.3920 0.4850 16  
## 361 M 0.605 0.490 0.180 1.2270 0.4800 0.2870 0.3500 18  
## 362 F 0.590 0.465 0.150 0.9970 0.3920 0.2460 0.3400 12  
## 363 F 0.650 0.525 0.175 1.4225 0.6100 0.2995 0.4450 20  
## 364 F 0.600 0.480 0.150 1.0290 0.4085 0.2705 0.2950 16  
## 365 F 0.620 0.500 0.175 1.1860 0.4985 0.3015 0.3500 12  
## 366 M 0.630 0.515 0.160 1.0160 0.4215 0.2440 0.3550 19  
## 367 M 0.580 0.465 0.145 0.8870 0.4405 0.1655 0.2650 11  
## 368 F 0.580 0.455 0.120 1.0735 0.4790 0.2735 0.2650 10  
## 369 M 0.630 0.490 0.180 1.1300 0.4580 0.2765 0.3150 12  
## 370 F 0.690 0.560 0.215 1.7190 0.6800 0.2990 0.4700 17  
## 371 F 0.650 0.545 0.165 1.5660 0.6645 0.3455 0.4150 16  
## 372 F 0.660 0.565 0.195 1.7605 0.6920 0.3265 0.5000 16  
## 373 F 0.680 0.580 0.200 1.7870 0.5850 0.4530 0.6000 19  
## 374 F 0.700 0.575 0.170 1.3100 0.5095 0.3140 0.4200 14  
## 375 M 0.685 0.520 0.150 1.3430 0.4635 0.2920 0.4000 13  
## 376 F 0.675 0.545 0.195 1.7345 0.6845 0.3695 0.6050 20  
## 377 M 0.630 0.490 0.190 1.1775 0.4935 0.3365 0.2850 11  
## 378 F 0.585 0.450 0.160 1.0770 0.4995 0.2875 0.2500 10  
## 379 M 0.565 0.465 0.175 0.9950 0.3895 0.1830 0.3700 15  
## 380 F 0.610 0.495 0.185 1.1085 0.3705 0.3135 0.3300 12  
## 381 M 0.605 0.470 0.180 1.1405 0.3755 0.2805 0.3850 15  
## 382 M 0.535 0.420 0.145 0.7910 0.3300 0.1890 0.2500 10  
## 383 M 0.485 0.400 0.135 0.6630 0.3130 0.1370 0.2000 10  
## 384 M 0.470 0.375 0.120 0.5565 0.2260 0.1220 0.1950 12  
## 385 M 0.545 0.425 0.135 0.8445 0.3730 0.2100 0.2350 10  
## 386 F 0.455 0.370 0.105 0.4925 0.2160 0.1245 0.1350 9  
## 387 M 0.540 0.420 0.155 0.7385 0.3515 0.1520 0.2150 12  
## 388 M 0.460 0.380 0.135 0.4820 0.2070 0.1225 0.1450 10  
## 389 M 0.490 0.420 0.125 0.6090 0.2390 0.1435 0.2200 14  
## 390 I 0.465 0.375 0.120 0.4710 0.2220 0.1190 0.1400 9  
## 391 I 0.415 0.325 0.100 0.3215 0.1535 0.0595 0.1050 10  
## 392 M 0.475 0.375 0.125 0.5930 0.2770 0.1150 0.1800 10  
## 393 F 0.470 0.375 0.125 0.5615 0.2520 0.1370 0.1800 10  
## 394 I 0.365 0.295 0.095 0.2500 0.1075 0.0545 0.0800 9  
## 395 I 0.345 0.275 0.095 0.1995 0.0755 0.0535 0.0700 6  
## 396 I 0.390 0.310 0.100 0.3020 0.1160 0.0640 0.1150 11  
## 397 F 0.500 0.395 0.140 0.7155 0.3165 0.1760 0.2400 10  
## 398 M 0.470 0.380 0.145 0.5865 0.2385 0.1440 0.1850 8  
## 399 M 0.535 0.440 0.150 0.6765 0.2560 0.1390 0.2600 12  
## 400 M 0.585 0.455 0.150 0.9870 0.4355 0.2075 0.3100 11  
## 401 F 0.485 0.365 0.120 0.5885 0.2700 0.1310 0.1750 9  
## 402 M 0.515 0.455 0.135 0.7225 0.2950 0.1625 0.2350 9  
## 403 F 0.435 0.325 0.110 0.4335 0.1780 0.0985 0.1550 7  
## 404 F 0.515 0.415 0.140 0.6935 0.3115 0.1520 0.2000 10  
## 405 I 0.440 0.345 0.120 0.3650 0.1655 0.0830 0.1100 7  
## 406 F 0.525 0.440 0.150 0.8425 0.3685 0.1985 0.2400 12  
## 407 M 0.450 0.355 0.115 0.4790 0.2125 0.1045 0.1500 8  
## 408 M 0.590 0.485 0.120 0.9110 0.3900 0.1820 0.2900 16  
## 409 M 0.555 0.450 0.145 0.9150 0.4000 0.2460 0.2850 11  
## 410 M 0.570 0.440 0.095 0.8270 0.3395 0.2215 0.2350 8  
## 411 M 0.590 0.500 0.165 1.1045 0.4565 0.2425 0.3400 15  
## 412 M 0.585 0.475 0.120 0.9450 0.4100 0.2115 0.2800 14  
## 413 F 0.580 0.460 0.120 0.9935 0.4625 0.2385 0.2800 11  
## 414 M 0.545 0.440 0.120 0.8565 0.3475 0.1715 0.2400 12  
## 415 F 0.605 0.495 0.170 1.2385 0.5280 0.2465 0.3900 14  
## 416 F 0.620 0.470 0.140 1.0325 0.3605 0.2240 0.3600 15  
## 417 F 0.630 0.500 0.170 1.3135 0.5595 0.2670 0.4000 20  
## 418 M 0.630 0.515 0.165 1.3520 0.4880 0.3490 0.4500 20  
## 419 F 0.630 0.500 0.155 1.0050 0.3670 0.1990 0.3600 16  
## 420 M 0.545 0.410 0.140 0.6250 0.2230 0.1600 0.2350 13  
## 421 F 0.670 0.540 0.165 1.5015 0.5180 0.3580 0.5050 14  
## 422 I 0.490 0.380 0.120 0.5290 0.2165 0.1390 0.1550 11  
## 423 F 0.490 0.390 0.135 0.5785 0.2465 0.1230 0.2000 13  
## 424 I 0.290 0.225 0.070 0.1010 0.0360 0.0235 0.0350 8  
## 425 I 0.260 0.200 0.070 0.0920 0.0370 0.0200 0.0300 6  
## 426 M 0.580 0.450 0.175 1.0680 0.4250 0.2030 0.3200 13  
## 427 F 0.610 0.485 0.165 1.0915 0.3935 0.2435 0.3300 18  
## 428 M 0.600 0.500 0.160 1.0150 0.3995 0.1735 0.3300 19  
## 429 F 0.560 0.455 0.125 0.9430 0.3440 0.1290 0.3750 21  
## 430 F 0.575 0.450 0.170 1.0475 0.3775 0.1705 0.3850 18  
## 431 F 0.570 0.450 0.175 0.9555 0.3800 0.1665 0.2950 18  
## 432 M 0.600 0.470 0.155 1.0360 0.4375 0.1960 0.3250 20  
## 433 M 0.565 0.455 0.170 0.9065 0.3420 0.1560 0.3200 18  
## 434 M 0.545 0.420 0.140 0.7505 0.2475 0.1300 0.2550 22  
## 435 I 0.440 0.345 0.100 0.3660 0.1220 0.0905 0.1200 13  
## 436 M 0.500 0.410 0.150 0.6620 0.2815 0.1370 0.2200 11  
## 437 I 0.360 0.275 0.095 0.2170 0.0840 0.0435 0.0900 7  
## 438 I 0.385 0.305 0.095 0.2520 0.0915 0.0550 0.0900 14  
## 439 M 0.390 0.300 0.090 0.3055 0.1430 0.0645 0.0850 9  
## 440 M 0.500 0.415 0.165 0.6885 0.2490 0.1380 0.2500 13  
## 441 I 0.360 0.275 0.110 0.2335 0.0950 0.0525 0.0850 10  
## 442 I 0.335 0.260 0.100 0.1920 0.0785 0.0585 0.0700 8  
## 443 F 0.505 0.425 0.140 0.8500 0.2750 0.1625 0.2850 19  
## 444 I 0.395 0.295 0.100 0.2715 0.1340 0.0325 0.0850 10  
## 445 F 0.410 0.325 0.105 0.3635 0.1590 0.0770 0.1200 10  
## 446 F 0.560 0.455 0.190 0.7140 0.2830 0.1290 0.2750 9  
## 447 M 0.565 0.435 0.185 0.9815 0.3290 0.1360 0.3900 13  
## 448 M 0.565 0.455 0.185 0.9265 0.3540 0.1575 0.3750 16  
## 449 M 0.605 0.500 0.175 1.0980 0.4765 0.2320 0.3750 12  
## 450 F 0.565 0.455 0.150 0.8205 0.3650 0.1590 0.2600 18  
## 451 M 0.725 0.565 0.215 1.8910 0.6975 0.4725 0.5800 16  
## 452 F 0.675 0.535 0.160 1.4100 0.5920 0.3175 0.4200 16  
## 453 F 0.665 0.555 0.195 1.4385 0.5810 0.3540 0.3600 17  
## 454 F 0.565 0.490 0.155 0.9245 0.4050 0.2195 0.2550 11  
## 455 F 0.645 0.550 0.175 1.2915 0.5700 0.3045 0.3300 14  
## 456 M 0.575 0.470 0.140 0.8375 0.3485 0.1735 0.2400 11  
## 457 F 0.640 0.540 0.175 1.2210 0.5100 0.2590 0.3900 15  
## 458 I 0.360 0.280 0.105 0.1990 0.0695 0.0450 0.0800 9  
## 459 I 0.415 0.310 0.110 0.2965 0.1230 0.0570 0.0995 10  
## 460 F 0.525 0.410 0.135 0.7085 0.2930 0.1525 0.2350 11  
## 461 M 0.380 0.285 0.100 0.2665 0.1150 0.0610 0.0750 11  
## 462 F 0.585 0.465 0.170 0.9915 0.3865 0.2240 0.2650 12  
## 463 I 0.240 0.185 0.070 0.0715 0.0260 0.0180 0.0250 6  
## 464 I 0.220 0.165 0.055 0.0545 0.0215 0.0120 0.0200 5  
## 465 I 0.255 0.195 0.070 0.0735 0.0255 0.0200 0.0250 6  
## 466 I 0.175 0.125 0.050 0.0235 0.0080 0.0035 0.0080 5  
## 467 F 0.670 0.550 0.190 1.3905 0.5425 0.3035 0.4000 12  
## 468 M 0.655 0.530 0.195 1.3880 0.5670 0.2735 0.4100 13  
## 469 F 0.680 0.550 0.210 1.7445 0.5975 0.3050 0.6250 17  
## 470 M 0.675 0.555 0.200 1.4385 0.5450 0.2665 0.4650 21  
## 471 F 0.530 0.440 0.135 0.7835 0.3130 0.1715 0.2185 9  
## 472 F 0.515 0.405 0.120 0.6460 0.2895 0.1405 0.1770 10  
## 473 I 0.430 0.340 0.120 0.3575 0.1510 0.0645 0.1045 9  
## 474 F 0.520 0.405 0.120 0.6270 0.2645 0.1415 0.1810 11  
## 475 F 0.545 0.415 0.160 0.7715 0.2720 0.1455 0.2765 10  
## 476 M 0.530 0.415 0.175 0.7395 0.2610 0.1395 0.2645 17  
## 477 F 0.465 0.350 0.115 0.4210 0.1565 0.0910 0.1345 9  
## 478 M 0.665 0.540 0.175 1.3470 0.4955 0.2540 0.4150 17  
## 479 M 0.735 0.590 0.225 1.7560 0.6370 0.3405 0.5800 21  
## 480 M 0.660 0.545 0.185 1.3200 0.5305 0.2635 0.4550 16  
## 481 F 0.700 0.585 0.185 1.8075 0.7055 0.3215 0.4750 29  
## 482 M 0.575 0.400 0.155 0.9325 0.3605 0.2445 0.3000 17  
## 483 M 0.570 0.465 0.125 0.8490 0.3785 0.1765 0.2400 15  
## 484 F 0.580 0.460 0.150 0.9955 0.4290 0.2120 0.2600 19  
## 485 M 0.630 0.480 0.145 1.0115 0.4235 0.2370 0.3050 12  
## 486 F 0.585 0.465 0.140 0.9080 0.3810 0.1615 0.3150 13  
## 487 M 0.550 0.450 0.130 0.9200 0.3780 0.2385 0.2900 11  
## 488 F 0.625 0.515 0.150 1.2415 0.5235 0.3065 0.3600 15  
## 489 M 0.540 0.420 0.135 0.8075 0.3485 0.1795 0.2350 11  
## 490 F 0.570 0.455 0.165 1.0595 0.4400 0.2195 0.2850 14  
## 491 M 0.590 0.455 0.145 1.0730 0.4750 0.1900 0.2850 14  
## 492 M 0.580 0.460 0.130 0.9210 0.3570 0.1810 0.2900 13  
## 493 F 0.655 0.510 0.155 1.2895 0.5345 0.2855 0.4100 11  
## 494 M 0.655 0.530 0.175 1.2635 0.4860 0.2635 0.4150 15  
## 495 M 0.625 0.500 0.195 1.3690 0.5875 0.2185 0.3700 17  
## 496 F 0.625 0.500 0.150 0.9530 0.3445 0.2235 0.3050 15  
## 497 F 0.640 0.520 0.175 1.2480 0.4245 0.2595 0.4800 12  
## 498 F 0.605 0.485 0.165 1.0105 0.4350 0.2090 0.3000 19  
## 499 F 0.615 0.525 0.155 1.0385 0.4270 0.2315 0.3450 11  
## 500 M 0.555 0.450 0.175 0.8740 0.3275 0.2020 0.3050 10  
## 501 F 0.580 0.440 0.180 0.8540 0.3665 0.1635 0.2450 12  
## 502 F 0.620 0.520 0.225 1.1835 0.3780 0.2700 0.3950 23  
## 503 F 0.620 0.470 0.225 1.1150 0.3780 0.2145 0.3600 15  
## 504 F 0.600 0.505 0.190 1.1290 0.4385 0.2560 0.3600 13  
## 505 F 0.625 0.485 0.190 1.1745 0.4385 0.2305 0.4200 17  
## 506 M 0.600 0.470 0.175 1.1050 0.4865 0.2470 0.3150 15  
## 507 M 0.560 0.460 0.235 0.8395 0.3325 0.1570 0.3050 12  
## 508 M 0.585 0.455 0.225 1.0550 0.3815 0.2210 0.3650 15  
## 509 M 0.560 0.435 0.180 0.8890 0.3600 0.2040 0.2500 11  
## 510 I 0.560 0.445 0.155 0.8735 0.3005 0.2090 0.2750 16  
## 511 I 0.680 0.530 0.185 1.1095 0.4390 0.2450 0.3400 10  
## 512 F 0.455 0.350 0.140 0.5185 0.2210 0.1265 0.1350 10  
## 513 F 0.490 0.380 0.145 0.6725 0.2490 0.1810 0.2100 10  
## 514 M 0.310 0.220 0.085 0.1460 0.0610 0.0365 0.0450 6  
## 515 F 0.275 0.195 0.070 0.0800 0.0310 0.0215 0.0250 5  
## 516 M 0.270 0.195 0.080 0.1000 0.0385 0.0195 0.0300 6  
## 517 M 0.400 0.290 0.115 0.2795 0.1115 0.0575 0.0750 9  
## 518 M 0.280 0.200 0.080 0.0915 0.0330 0.0215 0.0300 5  
## 519 M 0.325 0.230 0.090 0.1470 0.0600 0.0340 0.0450 4  
## 520 F 0.345 0.250 0.090 0.2030 0.0780 0.0590 0.0550 6  
## 521 M 0.210 0.150 0.050 0.0385 0.0155 0.0085 0.0100 3  
## 522 F 0.360 0.270 0.090 0.1885 0.0845 0.0385 0.0550 5  
## 523 I 0.365 0.260 0.115 0.2180 0.0935 0.0445 0.0700 9  
## 524 M 0.200 0.140 0.055 0.0350 0.0145 0.0080 0.0100 5  
## 525 M 0.235 0.160 0.060 0.0545 0.0265 0.0095 0.0150 4  
## 526 M 0.175 0.125 0.040 0.0240 0.0095 0.0060 0.0050 4  
## 527 M 0.155 0.110 0.040 0.0155 0.0065 0.0030 0.0050 3  
## 528 F 0.570 0.445 0.155 0.7330 0.2820 0.1590 0.2350 14  
## 529 F 0.570 0.450 0.160 0.9715 0.3965 0.2550 0.2600 12  
## 530 M 0.385 0.300 0.095 0.2400 0.0885 0.0590 0.0850 9  
## 531 I 0.530 0.420 0.185 0.7520 0.2990 0.1560 0.2050 20  
## 532 F 0.460 0.355 0.130 0.4580 0.1920 0.1055 0.1300 13  
## 533 I 0.470 0.370 0.120 0.4705 0.1845 0.1055 0.1550 12  
## 534 F 0.435 0.335 0.110 0.3800 0.1695 0.0860 0.1100 9  
## 535 I 0.470 0.370 0.140 0.4985 0.2095 0.1225 0.1450 10  
## 536 I 0.465 0.380 0.130 0.4540 0.1895 0.0800 0.1550 11  
## 537 I 0.520 0.405 0.140 0.5775 0.2000 0.1450 0.1790 11  
## 538 M 0.290 0.230 0.075 0.1165 0.0430 0.0255 0.0400 7  
## 539 M 0.275 0.205 0.070 0.0940 0.0335 0.0200 0.0325 5  
## 540 F 0.375 0.290 0.115 0.2705 0.0930 0.0660 0.0885 10  
## 541 F 0.500 0.375 0.140 0.6040 0.2420 0.1415 0.1790 15  
## 542 F 0.440 0.355 0.115 0.4150 0.1585 0.0925 0.1310 11  
## 543 M 0.420 0.325 0.115 0.2885 0.1000 0.0570 0.1135 15  
## 544 M 0.445 0.350 0.115 0.3615 0.1565 0.0695 0.1170 8  
## 545 F 0.380 0.290 0.105 0.2570 0.0990 0.0510 0.0850 10  
## 546 M 0.320 0.245 0.075 0.1555 0.0585 0.0380 0.0490 11  
## 547 M 0.255 0.195 0.065 0.0800 0.0315 0.0180 0.0270 8  
## 548 M 0.205 0.155 0.045 0.0425 0.0170 0.0055 0.0155 7  
## 549 F 0.565 0.450 0.160 0.7950 0.3605 0.1555 0.2300 12  
## 550 I 0.555 0.425 0.180 0.8750 0.3695 0.2005 0.2550 11  
## 551 I 0.650 0.515 0.160 1.1625 0.4950 0.2030 0.3300 17  
## 552 I 0.615 0.490 0.155 0.9885 0.4145 0.1950 0.3450 13  
## 553 I 0.560 0.440 0.165 0.8000 0.3350 0.1735 0.2500 12  
## 554 I 0.480 0.370 0.120 0.5140 0.2075 0.1310 0.1550 13  
## 555 I 0.485 0.390 0.125 0.5910 0.2870 0.1410 0.1200 9  
## 556 I 0.500 0.385 0.150 0.6265 0.2605 0.1665 0.1600 10  
## 557 I 0.525 0.405 0.150 0.7950 0.3075 0.2050 0.2550 14  
## 558 F 0.660 0.500 0.165 1.1905 0.4585 0.2980 0.3700 12  
## 559 F 0.660 0.530 0.170 1.3260 0.5190 0.2625 0.4400 13  
## 560 I 0.520 0.400 0.145 0.6600 0.2670 0.1055 0.2200 13  
## 561 F 0.440 0.340 0.105 0.3640 0.1480 0.0805 0.1175 8  
## 562 I 0.515 0.400 0.120 0.6590 0.2705 0.1790 0.1700 13  
## 563 F 0.475 0.350 0.115 0.4520 0.1715 0.0920 0.1550 11  
## 564 F 0.545 0.415 0.150 0.7335 0.2795 0.1630 0.2185 11  
## 565 F 0.470 0.355 0.130 0.5465 0.2005 0.1260 0.1850 14  
## 566 M 0.350 0.255 0.065 0.1790 0.0705 0.0385 0.0600 10  
## 567 I 0.485 0.355 0.130 0.5810 0.2450 0.1320 0.1680 12  
## 568 I 0.435 0.330 0.125 0.4060 0.1685 0.1055 0.0960 12  
## 569 M 0.280 0.210 0.080 0.1085 0.0410 0.0265 0.0345 7  
## 570 F 0.410 0.320 0.115 0.3870 0.1650 0.1005 0.0985 11  
## 571 I 0.450 0.350 0.140 0.4740 0.2100 0.1090 0.1275 16  
## 572 I 0.450 0.345 0.135 0.4430 0.1975 0.0875 0.1175 14  
## 573 F 0.590 0.455 0.155 1.0660 0.3820 0.2275 0.4150 20  
## 574 F 0.570 0.440 0.140 0.9535 0.3785 0.2010 0.3050 17  
## 575 I 0.610 0.475 0.150 0.9665 0.4145 0.2000 0.3450 10  
## 576 F 0.610 0.475 0.140 1.1330 0.5275 0.2355 0.3500 11  
## 577 I 0.560 0.425 0.140 0.9175 0.4005 0.1975 0.2600 10  
## 578 F 0.585 0.435 0.175 0.9820 0.4055 0.2495 0.2700 10  
## 579 I 0.580 0.445 0.150 0.8865 0.3830 0.2090 0.2550 11  
## 580 F 0.630 0.480 0.175 1.3675 0.5015 0.3035 0.5150 17  
## 581 F 0.625 0.490 0.175 1.2330 0.5565 0.2470 0.3650 11  
## 582 I 0.550 0.425 0.150 0.8060 0.3760 0.1710 0.2450 14  
## 583 F 0.645 0.525 0.190 1.4635 0.6615 0.3435 0.4350 19  
## 584 I 0.460 0.355 0.140 0.4935 0.2160 0.1330 0.1150 13  
## 585 F 0.410 0.305 0.100 0.3630 0.1735 0.0650 0.1100 11  
## 586 I 0.495 0.390 0.125 0.6655 0.2840 0.1620 0.2000 11  
## 587 I 0.520 0.425 0.170 0.6805 0.2800 0.1740 0.1950 10  
## 588 F 0.550 0.410 0.145 0.8285 0.3095 0.1905 0.2500 13  
## 589 M 0.450 0.335 0.140 0.4625 0.1640 0.0760 0.1500 14  
## 590 F 0.405 0.310 0.120 0.3095 0.1380 0.0580 0.0950 13  
## 591 I 0.510 0.400 0.150 0.7450 0.2865 0.1675 0.2350 13  
## 592 F 0.370 0.290 0.115 0.2500 0.1110 0.0570 0.0750 9  
## 593 I 0.525 0.410 0.175 0.8740 0.3585 0.2070 0.2050 18  
## 594 F 0.660 0.520 0.180 1.5140 0.5260 0.2975 0.4200 19  
## 595 M 0.535 0.420 0.150 0.6995 0.2575 0.1530 0.2400 12  
## 596 I 0.575 0.455 0.180 0.8525 0.3015 0.1825 0.3000 13  
## 597 F 0.550 0.430 0.140 0.7135 0.2565 0.1860 0.2250 9  
## 598 I 0.605 0.470 0.140 0.9390 0.3385 0.2010 0.3200 13  
## 599 I 0.605 0.495 0.145 1.0540 0.3690 0.2255 0.3600 12  
## 600 F 0.560 0.445 0.195 0.9810 0.3050 0.2245 0.3350 16  
## 601 I 0.535 0.420 0.145 0.9260 0.3980 0.1965 0.2500 17  
## 602 F 0.385 0.315 0.110 0.2860 0.1225 0.0635 0.0835 10  
## 603 F 0.390 0.300 0.100 0.2650 0.1075 0.0600 0.0865 13  
## 604 I 0.470 0.345 0.115 0.4885 0.2005 0.1080 0.1660 11  
## 605 I 0.515 0.390 0.140 0.5555 0.2000 0.1135 0.2235 12  
## 606 I 0.425 0.345 0.125 0.4250 0.1600 0.0795 0.1540 13  
## 607 M 0.345 0.270 0.090 0.1950 0.0780 0.0455 0.0590 9  
## 608 I 0.485 0.370 0.130 0.4580 0.1810 0.1130 0.1360 10  
## 609 M 0.370 0.285 0.100 0.2280 0.0675 0.0675 0.0810 10  
## 610 M 0.350 0.265 0.090 0.1775 0.0575 0.0420 0.0680 12  
## 611 F 0.440 0.345 0.170 0.4085 0.1500 0.0825 0.1515 12  
## 612 M 0.195 0.145 0.050 0.0320 0.0100 0.0080 0.0120 4  
## 613 M 0.325 0.240 0.075 0.1550 0.0475 0.0355 0.0600 9  
## 614 I 0.495 0.370 0.125 0.4775 0.1850 0.0705 0.1690 18  
## 615 I 0.450 0.350 0.145 0.5250 0.2085 0.1000 0.1655 15  
## 616 M 0.415 0.345 0.135 0.3865 0.1280 0.0700 0.1480 13  
## 617 F 0.470 0.355 0.140 0.4330 0.1525 0.0950 0.1520 12  
## 618 M 0.320 0.240 0.085 0.1700 0.0655 0.0470 0.0490 7  
## 619 M 0.310 0.225 0.075 0.1295 0.0455 0.0335 0.0440 9  
## 620 M 0.235 0.170 0.055 0.0515 0.0180 0.0105 0.0195 7  
## 621 M 0.345 0.255 0.080 0.1690 0.0600 0.0425 0.0540 10  
## 622 I 0.485 0.380 0.140 0.6730 0.2175 0.1300 0.1950 18  
## 623 F 0.500 0.385 0.115 0.6785 0.2945 0.1380 0.1950 12  
## 624 F 0.500 0.385 0.105 0.4980 0.1795 0.1095 0.1700 17  
## 625 I 0.465 0.360 0.105 0.4980 0.2140 0.1160 0.1400 15  
## 626 F 0.525 0.405 0.160 0.6580 0.2655 0.1125 0.2250 12  
## 627 F 0.425 0.335 0.095 0.3220 0.1205 0.0610 0.1250 10  
## 628 F 0.380 0.305 0.095 0.2815 0.1255 0.0525 0.0900 8  
## 629 I 0.530 0.415 0.145 0.9440 0.3845 0.1850 0.2650 21  
## 630 M 0.340 0.265 0.085 0.1835 0.0770 0.0460 0.0650 10  
## 631 I 0.475 0.365 0.115 0.4900 0.2230 0.1235 0.1335 9  
## 632 F 0.430 0.340 0.120 0.3910 0.1555 0.0950 0.1405 7  
## 633 M 0.460 0.365 0.125 0.4670 0.1895 0.0945 0.1580 10  
## 634 I 0.470 0.360 0.130 0.5225 0.1980 0.1065 0.1650 9  
## 635 M 0.360 0.295 0.100 0.2105 0.0660 0.0525 0.0750 9  
## 636 M 0.355 0.265 0.090 0.1680 0.0500 0.0410 0.0630 8  
## 637 M 0.380 0.235 0.100 0.2580 0.1055 0.0540 0.0800 7  
## 638 M 0.355 0.260 0.085 0.1905 0.0810 0.0485 0.0550 6  
## 639 I 0.440 0.345 0.120 0.4870 0.1965 0.1080 0.1600 14  
## 640 F 0.510 0.400 0.130 0.5735 0.2190 0.1365 0.1950 13  
## 641 M 0.325 0.240 0.085 0.1730 0.0795 0.0380 0.0500 7  
## 642 I 0.620 0.485 0.180 1.1785 0.4675 0.2655 0.3900 13  
## 643 F 0.590 0.450 0.160 0.9000 0.3580 0.1560 0.3150 19  
## 644 M 0.330 0.255 0.095 0.1875 0.0735 0.0450 0.0600 7  
## 645 M 0.450 0.340 0.130 0.3715 0.1605 0.0795 0.1050 9  
## 646 I 0.445 0.330 0.120 0.3470 0.1200 0.0840 0.1050 11  
## 647 M 0.330 0.215 0.075 0.1145 0.0450 0.0265 0.0350 6  
## 648 M 0.480 0.375 0.145 0.7770 0.2160 0.1300 0.1700 9  
## 649 I 0.460 0.350 0.120 0.4885 0.1930 0.1050 0.1550 11  
## 650 F 0.475 0.360 0.125 0.4470 0.1695 0.0810 0.1400 9  
## 651 M 0.255 0.180 0.065 0.0790 0.0340 0.0140 0.0250 5  
## 652 I 0.335 0.245 0.090 0.1665 0.0595 0.0400 0.0600 6  
## 653 I 0.470 0.350 0.130 0.4660 0.1845 0.0990 0.1450 11  
## 654 M 0.310 0.225 0.080 0.1345 0.0540 0.0240 0.0500 7  
## 655 F 0.370 0.280 0.110 0.2305 0.0945 0.0465 0.0750 10  
## 656 M 0.295 0.215 0.075 0.1290 0.0500 0.0295 0.0400 7  
## 657 F 0.555 0.435 0.165 0.9700 0.3360 0.2315 0.2950 17  
## 658 F 0.615 0.515 0.170 1.1400 0.4305 0.2245 0.4200 16  
## 659 I 0.580 0.490 0.195 1.3165 0.5305 0.2540 0.4100 18  
## 660 F 0.585 0.475 0.185 0.9585 0.4145 0.1615 0.3300 11  
## 661 I 0.650 0.525 0.180 1.6260 0.5970 0.3445 0.5300 18  
## 662 I 0.535 0.450 0.170 0.7810 0.3055 0.1555 0.2950 11  
## 663 F 0.415 0.340 0.130 0.3675 0.1460 0.0885 0.1200 10  
## 664 F 0.380 0.305 0.105 0.2810 0.1045 0.0615 0.0900 12  
## 665 I 0.450 0.355 0.120 0.4120 0.1145 0.0665 0.1600 19  
## 666 F 0.395 0.295 0.095 0.2245 0.0780 0.0540 0.0800 10  
## 667 M 0.455 0.350 0.120 0.4835 0.1815 0.1440 0.1600 11  
## 668 F 0.485 0.380 0.150 0.6050 0.2155 0.1400 0.1800 15  
## 669 M 0.550 0.425 0.155 0.9175 0.2775 0.2430 0.3350 13  
## 670 F 0.450 0.350 0.145 0.5425 0.1765 0.1230 0.1750 13  
## 671 M 0.475 0.385 0.145 0.6175 0.2350 0.1080 0.2150 14  
## 672 F 0.500 0.380 0.155 0.6550 0.2405 0.1430 0.2050 17  
## 673 F 0.530 0.410 0.165 0.8115 0.2400 0.1690 0.2400 19  
## 674 M 0.490 0.390 0.150 0.5730 0.2250 0.1240 0.1700 21  
## 675 F 0.490 0.385 0.150 0.7865 0.2410 0.1400 0.2400 23  
## 676 F 0.520 0.395 0.180 0.6400 0.1580 0.1100 0.2450 22  
## 677 M 0.540 0.415 0.145 0.7400 0.2635 0.1680 0.2450 12  
## 678 F 0.500 0.375 0.115 0.5945 0.1850 0.1480 0.1900 11  
## 679 F 0.450 0.380 0.165 0.8165 0.2500 0.1915 0.2650 23  
## 680 F 0.370 0.275 0.100 0.2225 0.0930 0.0260 0.0800 8  
## 681 I 0.370 0.275 0.100 0.2295 0.0885 0.0465 0.0700 7  
## 682 M 0.485 0.370 0.140 0.5725 0.2040 0.1415 0.1750 10  
## 683 F 0.435 0.325 0.115 0.3915 0.1540 0.0940 0.1200 7  
## 684 M 0.535 0.405 0.185 0.8345 0.3175 0.1725 0.2900 16  
## 685 M 0.510 0.400 0.140 0.6515 0.2455 0.1665 0.1850 10  
## 686 M 0.565 0.440 0.185 0.9090 0.3440 0.2325 0.2550 15  
## 687 F 0.535 0.400 0.150 0.8045 0.3345 0.2125 0.2100 13  
## 688 F 0.535 0.405 0.125 0.9270 0.2600 0.1425 0.3450 16  
## 689 M 0.525 0.400 0.170 0.7305 0.2790 0.2055 0.1950 11  
## 690 M 0.590 0.440 0.150 0.9555 0.3660 0.2425 0.2950 11  
## 691 M 0.500 0.375 0.150 0.6360 0.2535 0.1450 0.1900 10  
## 692 I 0.255 0.190 0.075 0.0865 0.0345 0.0205 0.0250 5  
## 693 F 0.430 0.325 0.115 0.3865 0.1475 0.1065 0.1100 11  
## 694 M 0.380 0.290 0.120 0.2830 0.1175 0.0655 0.0850 9  
## 695 I 0.165 0.110 0.020 0.0190 0.0065 0.0025 0.0050 4  
## 696 I 0.315 0.230 0.090 0.1285 0.0430 0.0400 0.0400 7  
## 697 I 0.155 0.105 0.050 0.0175 0.0050 0.0035 0.0050 4  
## 698 M 0.280 0.205 0.100 0.1165 0.0545 0.0285 0.0300 5  
## 699 F 0.430 0.335 0.120 0.4440 0.1550 0.1145 0.1400 13  
## 700 F 0.395 0.315 0.105 0.3515 0.1185 0.0910 0.1195 16  
## 701 M 0.385 0.285 0.105 0.2905 0.1215 0.0685 0.0875 12  
## 702 F 0.480 0.385 0.135 0.5360 0.1895 0.1420 0.1730 14  
## 703 F 0.445 0.330 0.105 0.4525 0.1800 0.1030 0.1230 9  
## 704 M 0.395 0.295 0.115 0.3160 0.1205 0.0595 0.1105 12  
## 705 M 0.400 0.300 0.125 0.4170 0.1910 0.0900 0.1175 9  
## 706 M 0.415 0.325 0.140 0.4170 0.1535 0.1015 0.1440 10  
## 707 M 0.315 0.250 0.090 0.2030 0.0615 0.0370 0.0795 11  
## 708 F 0.345 0.260 0.090 0.2070 0.0775 0.0435 0.0765 10  
## 709 M 0.360 0.295 0.130 0.2765 0.0895 0.0570 0.1005 10  
## 710 I 0.295 0.225 0.090 0.1105 0.0405 0.0245 0.0320 7  
## 711 I 0.325 0.250 0.080 0.1760 0.0595 0.0355 0.0630 7  
## 712 M 0.375 0.300 0.100 0.2465 0.1040 0.0475 0.0830 11  
## 713 I 0.280 0.205 0.055 0.1135 0.0450 0.0275 0.0335 7  
## 714 M 0.355 0.265 0.085 0.2010 0.0690 0.0530 0.0695 8  
## 715 M 0.350 0.255 0.080 0.1915 0.0800 0.0385 0.0630 9  
## 716 I 0.275 0.200 0.065 0.1035 0.0475 0.0205 0.0300 7  
## 717 I 0.290 0.205 0.070 0.0975 0.0360 0.0190 0.0350 8  
## 718 I 0.250 0.190 0.060 0.0765 0.0360 0.0115 0.0245 6  
## 719 I 0.180 0.125 0.035 0.0265 0.0095 0.0055 0.0085 4  
## 720 I 0.150 0.100 0.025 0.0150 0.0045 0.0040 0.0050 2  
## 721 I 0.160 0.110 0.025 0.0180 0.0065 0.0055 0.0050 3  
## 722 M 0.555 0.455 0.160 1.0575 0.3925 0.2280 0.2930 13  
## 723 M 0.555 0.440 0.150 1.0920 0.4160 0.2120 0.4405 15  
## 724 M 0.525 0.410 0.130 0.9900 0.3865 0.2430 0.2950 15  
## 725 M 0.465 0.360 0.080 0.4880 0.1910 0.1250 0.1550 11  
## 726 F 0.490 0.360 0.110 0.5005 0.1610 0.1070 0.1950 17  
## 727 M 0.400 0.305 0.085 0.2970 0.1080 0.0705 0.1000 10  
## 728 F 0.480 0.375 0.105 0.5250 0.2185 0.1195 0.1550 12  
## 729 M 0.505 0.400 0.125 0.7700 0.2735 0.1590 0.2550 13  
## 730 F 0.520 0.400 0.120 0.6515 0.2610 0.2015 0.1650 15  
## 731 M 0.525 0.400 0.130 0.8295 0.2405 0.1825 0.2750 11  
## 732 M 0.545 0.420 0.130 0.8790 0.3740 0.1695 0.2300 13  
## 733 M 0.520 0.400 0.120 0.8230 0.2980 0.1805 0.2650 15  
## 734 M 0.505 0.380 0.130 0.6560 0.2270 0.1785 0.2200 13  
## 735 M 0.525 0.425 0.120 0.8665 0.2825 0.1760 0.2900 18  
## 736 M 0.510 0.390 0.125 0.6565 0.2620 0.1835 0.1750 10  
## 737 M 0.520 0.385 0.115 0.6690 0.2385 0.1720 0.2050 12  
## 738 F 0.520 0.405 0.125 0.6435 0.2415 0.1735 0.2100 12  
## 739 M 0.535 0.410 0.135 0.8620 0.2855 0.1525 0.3200 14  
## 740 M 0.445 0.345 0.090 0.3795 0.1430 0.0740 0.1250 10  
## 741 M 0.530 0.440 0.205 0.8350 0.3200 0.2175 0.2450 14  
## 742 F 0.360 0.265 0.090 0.2065 0.0780 0.0570 0.0600 8  
## 743 F 0.535 0.420 0.150 0.7365 0.2785 0.1860 0.2150 14  
## 744 F 0.520 0.405 0.140 0.8175 0.2795 0.1830 0.2600 17  
## 745 M 0.530 0.415 0.130 0.8425 0.2750 0.1945 0.2650 20  
## 746 F 0.530 0.420 0.130 1.0010 0.3400 0.2260 0.2650 17  
## 747 F 0.660 0.520 0.200 1.6760 0.6730 0.4805 0.4500 17  
## 748 M 0.520 0.385 0.140 0.6595 0.2485 0.2035 0.1600 9  
## 749 M 0.535 0.420 0.130 0.8055 0.3010 0.1810 0.2800 14  
## 750 M 0.695 0.515 0.175 1.5165 0.5780 0.4105 0.3900 15  
## 751 F 0.510 0.390 0.105 0.6120 0.1870 0.1500 0.1950 13  
## 752 M 0.485 0.355 0.120 0.5470 0.2150 0.1615 0.1400 10  
## 753 F 0.605 0.460 0.170 1.1220 0.3470 0.3045 0.3150 13  
## 754 F 0.580 0.455 0.165 1.1365 0.3690 0.3005 0.2750 13  
## 755 M 0.650 0.515 0.175 1.4805 0.5295 0.2720 0.5250 20  
## 756 M 0.620 0.505 0.185 1.5275 0.6900 0.3680 0.3500 13  
## 757 M 0.615 0.525 0.155 1.1375 0.3670 0.2360 0.3700 20  
## 758 F 0.605 0.495 0.190 1.4370 0.4690 0.2655 0.4100 15  
## 759 M 0.570 0.440 0.155 1.1160 0.4775 0.2315 0.2700 13  
## 760 M 0.570 0.430 0.120 1.0615 0.3480 0.1670 0.3100 15  
## 761 M 0.585 0.405 0.150 1.2565 0.4350 0.2020 0.3250 15  
## 762 F 0.550 0.440 0.155 0.9460 0.3130 0.1825 0.3350 16  
## 763 F 0.540 0.440 0.135 0.9590 0.2385 0.2210 0.3000 17  
## 764 M 0.640 0.510 0.190 1.6130 0.6215 0.3610 0.4700 14  
## 765 F 0.610 0.470 0.145 1.1530 0.4030 0.2960 0.3200 14  
## 766 M 0.545 0.450 0.150 0.9780 0.3365 0.1905 0.3000 11  
## 767 F 0.590 0.445 0.130 1.1325 0.3825 0.2340 0.3200 13  
## 768 M 0.345 0.270 0.095 0.1970 0.0665 0.0500 0.0700 9  
## 769 F 0.550 0.430 0.155 0.7850 0.2890 0.2270 0.2330 11  
## 770 F 0.530 0.425 0.170 0.9490 0.3485 0.2395 0.2780 17  
## 771 F 0.530 0.455 0.165 0.9805 0.3155 0.2815 0.2965 11  
## 772 I 0.485 0.375 0.140 0.5210 0.2000 0.1230 0.1700 8  
## 773 M 0.385 0.275 0.115 0.2685 0.0975 0.0825 0.0850 8  
## 774 M 0.455 0.340 0.135 0.4620 0.1675 0.1580 0.1200 9  
## 775 M 0.490 0.380 0.140 0.7605 0.2450 0.1670 0.1850 10  
## 776 M 0.530 0.410 0.165 0.7320 0.1890 0.1700 0.3100 11  
## 777 M 0.505 0.385 0.145 0.6775 0.2360 0.1790 0.2000 15  
## 778 M 0.490 0.380 0.140 0.6385 0.2305 0.1420 0.1950 13  
## 779 M 0.465 0.350 0.140 0.5755 0.2015 0.1505 0.1900 15  
## 780 F 0.470 0.360 0.145 0.5370 0.1725 0.1375 0.1950 15  
## 781 M 0.560 0.410 0.165 0.9300 0.3505 0.2370 0.3000 13  
## 782 M 0.505 0.385 0.150 0.6415 0.2460 0.1520 0.2150 12  
## 783 M 0.515 0.435 0.145 0.8815 0.2920 0.2060 0.2550 10  
## 784 I 0.385 0.280 0.125 0.2440 0.1020 0.0380 0.0850 6  
## 785 I 0.215 0.155 0.060 0.0525 0.0210 0.0165 0.0150 5  
## 786 M 0.550 0.415 0.175 1.0420 0.3295 0.2325 0.2905 15  
## 787 F 0.515 0.390 0.130 0.5755 0.1975 0.1300 0.1845 9  
## 788 M 0.495 0.385 0.135 0.7090 0.2110 0.1375 0.2620 12  
## 789 F 0.505 0.390 0.160 0.6440 0.2475 0.2025 0.1635 9  
## 790 F 0.600 0.465 0.165 0.8875 0.3090 0.2460 0.2620 12  
## 791 F 0.570 0.465 0.160 0.8935 0.3145 0.2575 0.2630 10  
## 792 F 0.485 0.375 0.135 0.5560 0.1925 0.1315 0.1685 10  
## 793 M 0.470 0.370 0.180 0.5100 0.1915 0.1285 0.1625 9  
## 794 M 0.575 0.450 0.165 0.9215 0.3275 0.2250 0.2560 12  
## 795 M 0.580 0.465 0.160 1.0345 0.3150 0.2600 0.3635 12  
## 796 M 0.515 0.405 0.145 0.6950 0.2150 0.1635 0.2340 15  
## 797 M 0.530 0.410 0.155 0.7155 0.2805 0.1685 0.2140 11  
## 798 M 0.440 0.335 0.110 0.3940 0.1570 0.0960 0.1220 9  
## 799 M 0.520 0.420 0.160 0.7450 0.2550 0.1570 0.2885 11  
## 800 F 0.425 0.345 0.110 0.3665 0.1250 0.0810 0.1170 11  
## 801 M 0.460 0.340 0.135 0.4950 0.1655 0.1170 0.1850 10  
## 802 M 0.450 0.335 0.125 0.3490 0.1190 0.1055 0.1150 10  
## 803 M 0.425 0.330 0.130 0.4405 0.1520 0.0935 0.1550 9  
## 804 I 0.370 0.275 0.100 0.2200 0.0940 0.0450 0.0650 7  
## 805 M 0.515 0.380 0.135 0.6615 0.2875 0.2095 0.1550 10  
## 806 M 0.405 0.305 0.120 0.3185 0.1235 0.0905 0.0950 7  
## 807 I 0.280 0.205 0.070 0.1015 0.0410 0.0300 0.0300 6  
## 808 F 0.480 0.400 0.125 0.7590 0.2125 0.1790 0.2400 15  
## 809 F 0.440 0.340 0.130 0.4195 0.1530 0.1155 0.1300 10  
## 810 F 0.520 0.410 0.115 0.8070 0.2855 0.1790 0.2350 12  
## 811 M 0.505 0.405 0.140 0.8750 0.2665 0.1740 0.2850 12  
## 812 F 0.490 0.365 0.130 0.6835 0.1650 0.1315 0.2050 21  
## 813 I 0.235 0.175 0.055 0.0670 0.0270 0.0125 0.0180 6  
## 814 I 0.255 0.185 0.060 0.0880 0.0365 0.0210 0.0230 5  
## 815 I 0.315 0.240 0.085 0.1715 0.0710 0.0345 0.0535 7  
## 816 I 0.325 0.250 0.080 0.1735 0.0765 0.0345 0.0490 7  
## 817 I 0.335 0.250 0.080 0.1830 0.0735 0.0400 0.0575 6  
## 818 I 0.350 0.270 0.090 0.2055 0.0750 0.0575 0.0620 6  
## 819 I 0.350 0.250 0.070 0.1800 0.0655 0.0480 0.0540 6  
## 820 I 0.360 0.300 0.085 0.2700 0.1185 0.0640 0.0745 7  
## 821 I 0.365 0.275 0.135 0.2400 0.1080 0.0445 0.0735 7  
## 822 I 0.370 0.275 0.140 0.2215 0.0970 0.0455 0.0615 6  
## 823 I 0.380 0.275 0.095 0.1375 0.0860 0.0585 0.0605 7  
## 824 I 0.385 0.290 0.095 0.3120 0.1430 0.0635 0.0860 6  
## 825 I 0.385 0.300 0.100 0.2895 0.1215 0.0630 0.0900 7  
## 826 I 0.395 0.290 0.095 0.3190 0.1380 0.0800 0.0820 7  
## 827 I 0.395 0.290 0.095 0.3040 0.1270 0.0840 0.0770 6  
## 828 I 0.400 0.310 0.100 0.3060 0.1300 0.0600 0.0940 6  
## 829 I 0.410 0.325 0.100 0.3940 0.2080 0.0655 0.1060 6  
## 830 I 0.415 0.320 0.110 0.3735 0.1750 0.0755 0.1090 7  
## 831 M 0.415 0.305 0.100 0.3250 0.1560 0.0505 0.0910 6  
## 832 I 0.425 0.325 0.100 0.3980 0.1185 0.0645 0.0945 6  
## 833 I 0.440 0.365 0.115 0.5010 0.2435 0.0840 0.1465 9  
## 834 I 0.445 0.335 0.100 0.4895 0.2745 0.0860 0.1105 7  
## 835 I 0.445 0.325 0.100 0.3780 0.1795 0.1000 0.0890 7  
## 836 I 0.450 0.350 0.130 0.5470 0.2450 0.1405 0.1405 8  
## 837 M 0.470 0.375 0.120 0.5805 0.2660 0.0935 0.1690 8  
## 838 I 0.475 0.365 0.125 0.5465 0.2290 0.1185 0.1720 9  
## 839 F 0.480 0.365 0.135 0.6395 0.2945 0.1130 0.1750 8  
## 840 I 0.485 0.355 0.105 0.4980 0.2175 0.0960 0.1525 9  
## 841 M 0.490 0.385 0.125 0.6090 0.3065 0.0960 0.1775 8  
## 842 F 0.495 0.410 0.125 0.7555 0.3355 0.1290 0.2140 9  
## 843 M 0.500 0.400 0.125 0.5975 0.2700 0.1275 0.1660 9  
## 844 M 0.505 0.440 0.140 0.8275 0.3415 0.1855 0.2390 8  
## 845 M 0.525 0.395 0.130 0.7635 0.3375 0.1425 0.2250 8  
## 846 M 0.540 0.405 0.125 0.8910 0.4815 0.1915 0.2020 9  
## 847 F 0.540 0.420 0.140 0.8050 0.3690 0.1725 0.2100 11  
## 848 F 0.545 0.440 0.135 0.9185 0.4290 0.2015 0.2375 10  
## 849 F 0.550 0.430 0.125 0.9230 0.4035 0.1750 0.2830 8  
## 850 M 0.550 0.450 0.150 1.0145 0.4070 0.2015 0.2875 10  
## 851 F 0.550 0.450 0.150 0.8750 0.3620 0.1755 0.2765 10  
## 852 M 0.555 0.435 0.145 0.9685 0.4985 0.1680 0.2385 9  
## 853 M 0.565 0.450 0.155 1.0595 0.4735 0.2400 0.2650 10  
## 854 M 0.570 0.455 0.150 0.9520 0.3895 0.2155 0.2745 9  
## 855 M 0.570 0.435 0.130 0.7535 0.3490 0.1755 0.1940 10  
## 856 F 0.575 0.465 0.140 0.9580 0.4420 0.1815 0.2705 9  
## 857 M 0.590 0.475 0.165 1.0770 0.4545 0.2440 0.3095 9  
## 858 M 0.590 0.460 0.130 1.1020 0.4550 0.2055 0.3300 12  
## 859 F 0.595 0.480 0.150 1.1100 0.4980 0.2280 0.3300 10  
## 860 F 0.595 0.480 0.160 1.2095 0.5225 0.2960 0.3200 8  
## 861 F 0.595 0.475 0.160 1.1405 0.5470 0.2310 0.2710 6  
## 862 F 0.595 0.465 0.140 1.1130 0.5175 0.2440 0.3050 12  
## 863 M 0.600 0.475 0.175 1.3445 0.5490 0.2875 0.3600 11  
## 864 F 0.600 0.475 0.155 1.2100 0.6530 0.1695 0.3205 10  
## 865 M 0.600 0.495 0.175 1.2900 0.6060 0.2760 0.3445 11  
## 866 F 0.605 0.475 0.175 1.3820 0.6090 0.2325 0.3985 10  
## 867 M 0.605 0.455 0.160 1.1035 0.4210 0.3015 0.3250 9  
## 868 F 0.615 0.500 0.175 1.3770 0.5585 0.3300 0.2920 12  
## 869 F 0.615 0.520 0.150 1.3435 0.6290 0.2605 0.3450 10  
## 870 M 0.615 0.510 0.150 1.2960 0.5450 0.3315 0.3200 9  
## 871 M 0.615 0.505 0.165 1.3400 0.5315 0.2815 0.4100 12  
## 872 F 0.620 0.505 0.160 1.3725 0.6285 0.2750 0.3685 11  
## 873 M 0.620 0.500 0.165 1.3070 0.6355 0.2545 0.3150 9  
## 874 F 0.625 0.490 0.155 1.2085 0.4650 0.1620 0.4110 11  
## 875 F 0.625 0.490 0.200 1.3825 0.5895 0.2850 0.3810 11  
## 876 M 0.630 0.505 0.165 1.2600 0.4525 0.2755 0.4060 14  
## 877 M 0.635 0.510 0.170 1.3555 0.6190 0.3050 0.3900 9  
## 878 F 0.635 0.500 0.150 1.3760 0.6495 0.3610 0.3100 10  
## 879 F 0.635 0.485 0.165 1.2945 0.6680 0.2605 0.2715 9  
## 880 F 0.640 0.510 0.165 1.4860 0.7595 0.3320 0.3210 8  
## 881 M 0.650 0.525 0.175 1.4715 0.6750 0.3150 0.3990 11  
## 882 M 0.655 0.520 0.165 1.4095 0.5860 0.2910 0.4050 9  
## 883 M 0.655 0.580 0.205 2.0805 0.9590 0.3415 0.6010 17  
## 884 M 0.660 0.530 0.170 1.3905 0.5905 0.2120 0.4530 15  
## 885 M 0.660 0.520 0.190 1.5580 0.7550 0.2980 0.4000 10  
## 886 F 0.670 0.585 0.160 1.3090 0.5445 0.2945 0.4130 10  
## 887 F 0.675 0.525 0.170 1.8095 0.7840 0.3910 0.4550 12  
## 888 F 0.675 0.525 0.155 1.4785 0.6280 0.3405 0.4200 9  
## 889 F 0.680 0.560 0.195 1.7775 0.8610 0.3220 0.4150 11  
## 890 F 0.685 0.540 0.160 1.6675 0.8330 0.3775 0.4750 11  
## 891 F 0.695 0.560 0.220 1.8340 0.8455 0.4220 0.4550 11  
## 892 M 0.730 0.595 0.230 2.8255 1.1465 0.4190 0.8970 17  
## 893 I 0.205 0.140 0.050 0.0460 0.0165 0.0120 0.0135 6  
## 894 I 0.240 0.175 0.055 0.0705 0.0250 0.0140 0.0210 5  
## 895 I 0.240 0.175 0.065 0.0665 0.0310 0.0135 0.0170 3  
## 896 I 0.255 0.190 0.050 0.0830 0.0295 0.0215 0.0270 6  
## 897 I 0.255 0.180 0.055 0.0830 0.0310 0.0215 0.0200 4  
## 898 I 0.265 0.195 0.060 0.0920 0.0345 0.0250 0.0245 6  
## 899 I 0.280 0.120 0.075 0.1170 0.0455 0.0290 0.0345 4  
## 900 I 0.295 0.230 0.080 0.1625 0.0650 0.0500 0.0385 5  
## 901 I 0.300 0.235 0.080 0.1310 0.0500 0.0265 0.0430 4  
## 902 I 0.300 0.230 0.095 0.1385 0.0560 0.0365 0.0370 6  
## 903 I 0.305 0.220 0.070 0.1410 0.0620 0.0310 0.0370 5  
## 904 I 0.315 0.235 0.075 0.1485 0.0585 0.0375 0.0425 6  
## 905 I 0.315 0.230 0.070 0.1440 0.0530 0.0305 0.0400 8  
## 906 I 0.320 0.240 0.090 0.1575 0.0700 0.0265 0.0425 5  
## 907 I 0.325 0.240 0.075 0.1870 0.0825 0.0445 0.0500 6  
## 908 I 0.330 0.265 0.085 0.1960 0.0775 0.0305 0.0445 6  
## 909 I 0.335 0.250 0.075 0.1825 0.0705 0.0440 0.0550 7  
## 910 I 0.335 0.250 0.075 0.1860 0.0945 0.0380 0.0445 7  
## 911 I 0.340 0.250 0.075 0.1785 0.0665 0.0455 0.0450 5  
## 912 I 0.340 0.250 0.070 0.2225 0.1040 0.0425 0.0550 7  
## 913 I 0.345 0.265 0.100 0.2455 0.1110 0.0535 0.0650 7  
## 914 I 0.370 0.290 0.095 0.2490 0.1045 0.0580 0.0670 6  
## 915 I 0.370 0.280 0.095 0.2865 0.1505 0.0690 0.0795 7  
## 916 I 0.375 0.280 0.090 0.2150 0.0840 0.0600 0.0550 6  
## 917 I 0.385 0.265 0.080 0.2510 0.1240 0.0370 0.0700 6  
## 918 I 0.410 0.310 0.090 0.3390 0.1550 0.0695 0.0900 7  
## 919 I 0.410 0.305 0.090 0.3535 0.1570 0.0745 0.1000 7  
## 920 I 0.410 0.310 0.090 0.3335 0.1635 0.0610 0.0910 6  
## 921 I 0.415 0.330 0.090 0.3595 0.1700 0.0810 0.0900 6  
## 922 I 0.420 0.320 0.115 0.3760 0.1690 0.0920 0.1000 5  
## 923 I 0.420 0.315 0.100 0.3435 0.1570 0.0795 0.0900 6  
## 924 I 0.425 0.340 0.100 0.3820 0.1640 0.0960 0.1000 6  
## 925 I 0.425 0.315 0.100 0.3770 0.1645 0.0720 0.1050 6  
## 926 I 0.430 0.325 0.100 0.3645 0.1575 0.0825 0.1050 7  
## 927 I 0.430 0.325 0.090 0.4250 0.2170 0.0870 0.0950 7  
## 928 I 0.435 0.325 0.120 0.3995 0.1815 0.0610 0.1125 8  
## 929 I 0.435 0.340 0.115 0.3925 0.1825 0.0780 0.1145 6  
## 930 I 0.440 0.345 0.130 0.4495 0.2090 0.0835 0.1340 6  
## 931 I 0.440 0.325 0.090 0.3500 0.1480 0.0670 0.1050 7  
## 932 F 0.445 0.335 0.110 0.4355 0.2025 0.1095 0.1195 6  
## 933 I 0.445 0.350 0.130 0.4195 0.1695 0.0945 0.1195 7  
## 934 I 0.450 0.360 0.130 0.4780 0.1910 0.1270 0.1370 7  
## 935 I 0.450 0.355 0.105 0.4445 0.1970 0.0930 0.1335 8  
## 936 I 0.450 0.345 0.110 0.4700 0.2355 0.0855 0.1135 7  
## 937 I 0.450 0.335 0.105 0.4470 0.2335 0.1530 0.1190 7  
## 938 I 0.455 0.355 0.125 0.5325 0.2250 0.1260 0.1465 7  
## 939 I 0.455 0.375 0.120 0.4970 0.2355 0.1055 0.1295 6  
## 940 I 0.460 0.360 0.100 0.4635 0.2325 0.0930 0.1150 7  
## 941 I 0.460 0.345 0.105 0.4490 0.1960 0.0945 0.1265 7  
## 942 I 0.465 0.365 0.115 0.4670 0.2315 0.0925 0.1130 7  
## 943 I 0.465 0.370 0.115 0.5340 0.2610 0.0980 0.1430 7  
## 944 I 0.465 0.345 0.110 0.4415 0.1755 0.0905 0.1200 7  
## 945 F 0.465 0.350 0.125 0.4820 0.2300 0.1060 0.1095 6  
## 946 M 0.470 0.365 0.120 0.6120 0.3270 0.1500 0.1400 8  
## 947 F 0.470 0.365 0.120 0.5820 0.2900 0.0920 0.1460 8  
## 948 M 0.475 0.370 0.125 0.5370 0.2220 0.1215 0.1500 9  
## 949 F 0.475 0.360 0.120 0.5915 0.3245 0.1100 0.1270 6  
## 950 M 0.480 0.375 0.115 0.6765 0.3205 0.1065 0.1700 6  
## 951 M 0.480 0.385 0.145 0.6400 0.2925 0.1405 0.1575 6  
## 952 M 0.480 0.360 0.100 0.4390 0.1940 0.0990 0.1150 8  
## 953 M 0.480 0.365 0.120 0.6015 0.3120 0.1170 0.1400 7  
## 954 F 0.485 0.370 0.115 0.4785 0.1995 0.0955 0.1290 7  
## 955 M 0.490 0.385 0.125 0.6490 0.3200 0.1240 0.1695 8  
## 956 M 0.495 0.395 0.135 0.6335 0.3035 0.1295 0.1495 8  
## 957 M 0.495 0.400 0.135 0.6100 0.2720 0.1435 0.1440 7  
## 958 M 0.500 0.390 0.135 0.6595 0.3145 0.1535 0.1565 6  
## 959 I 0.500 0.385 0.120 0.5600 0.2835 0.1030 0.1350 8  
## 960 M 0.500 0.385 0.135 0.6425 0.3195 0.1290 0.1535 7  
## 961 M 0.500 0.400 0.125 0.6725 0.3360 0.1200 0.1825 7  
## 962 F 0.505 0.390 0.130 0.6740 0.3165 0.1410 0.1785 9  
## 963 I 0.505 0.390 0.150 0.6850 0.3620 0.1310 0.1560 8  
## 964 M 0.505 0.410 0.125 0.6420 0.2890 0.1330 0.1550 9  
## 965 I 0.505 0.355 0.125 0.6010 0.2500 0.1205 0.1850 8  
## 966 M 0.510 0.390 0.135 0.7690 0.3935 0.1455 0.1900 8  
## 967 I 0.510 0.375 0.100 0.5785 0.2380 0.1225 0.1750 7  
## 968 I 0.510 0.405 0.135 0.7690 0.3655 0.1585 0.1800 7  
## 969 M 0.510 0.405 0.150 0.7035 0.3470 0.1340 0.1885 8  
## 970 M 0.510 0.410 0.145 0.7960 0.3865 0.1815 0.1955 8  
## 971 F 0.515 0.430 0.140 0.8340 0.3670 0.2000 0.2300 8  
## 972 M 0.515 0.390 0.155 0.7125 0.3695 0.1370 0.1550 7  
## 973 F 0.525 0.415 0.140 0.7240 0.3475 0.1730 0.1750 8  
## 974 M 0.525 0.400 0.140 0.7325 0.3340 0.1575 0.1700 11  
## 975 F 0.530 0.425 0.130 0.7585 0.3250 0.1970 0.2050 8  
## 976 F 0.530 0.425 0.150 0.8495 0.3280 0.2320 0.2020 8  
## 977 M 0.530 0.405 0.125 0.6515 0.2715 0.1605 0.1860 7  
## 978 F 0.535 0.400 0.135 0.8215 0.3935 0.1960 0.2050 8  
## 979 M 0.535 0.430 0.140 0.7165 0.2855 0.1595 0.2155 8  
## 980 M 0.535 0.435 0.140 0.8740 0.3735 0.2290 0.2195 8  
## 981 F 0.550 0.445 0.155 0.9905 0.5440 0.1780 0.2180 9  
## 982 F 0.550 0.430 0.140 0.8105 0.3680 0.1610 0.2750 9  
## 983 F 0.560 0.455 0.160 0.9670 0.4525 0.2070 0.2740 9  
## 984 F 0.565 0.400 0.130 0.6975 0.3075 0.1665 0.1800 8  
## 985 M 0.570 0.450 0.155 1.1950 0.5625 0.2565 0.2950 10  
## 986 M 0.570 0.450 0.155 1.1935 0.5130 0.2100 0.3430 10  
## 987 F 0.570 0.455 0.150 1.1070 0.5400 0.2550 0.2700 8  
## 988 M 0.570 0.445 0.140 1.0635 0.5265 0.2195 0.2400 8  
## 989 M 0.570 0.460 0.170 0.9035 0.4075 0.1935 0.2140 7  
## 990 M 0.575 0.475 0.160 1.1140 0.4955 0.2745 0.2900 9  
## 991 F 0.575 0.460 0.160 1.1030 0.5380 0.2210 0.2490 9  
## 992 F 0.580 0.460 0.150 1.1155 0.5575 0.2255 0.2900 7  
## 993 F 0.580 0.460 0.180 1.0515 0.4095 0.2595 0.2760 8  
## 994 M 0.580 0.455 0.150 1.0120 0.4985 0.2115 0.2835 10  
## 995 F 0.580 0.450 0.145 1.1370 0.5585 0.2200 0.2900 8  
## 996 M 0.580 0.490 0.130 1.1335 0.5860 0.2565 0.2370 9  
## 997 M 0.590 0.465 0.155 1.1360 0.5245 0.2615 0.2750 11  
## 998 M 0.590 0.470 0.160 1.2060 0.4790 0.2425 0.3090 8  
## 999 F 0.590 0.455 0.145 1.0630 0.5155 0.2445 0.2500 8  
## 1000 F 0.595 0.470 0.155 1.1210 0.4515 0.1780 0.1550 11  
## 1001 F 0.595 0.450 0.150 1.1140 0.5865 0.2205 0.2500 11  
## 1002 M 0.595 0.475 0.165 1.2130 0.6210 0.2435 0.2740 9  
## 1003 F 0.595 0.460 0.140 1.0045 0.4655 0.2095 0.2515 9  
## 1004 M 0.595 0.455 0.150 1.0440 0.5180 0.2205 0.2700 9  
## 1005 F 0.605 0.490 0.150 1.1345 0.5265 0.2645 0.2950 9  
## 1006 M 0.605 0.475 0.155 1.1610 0.5720 0.2455 0.2750 9  
## 1007 M 0.605 0.470 0.165 1.2315 0.6025 0.2620 0.2925 11  
## 1008 M 0.610 0.470 0.150 1.1625 0.5650 0.2580 0.3085 11  
## 1009 M 0.610 0.475 0.155 1.1680 0.5540 0.2390 0.3295 10  
## 1010 F 0.615 0.480 0.160 1.2525 0.5850 0.2595 0.3300 8  
## 1011 F 0.620 0.510 0.180 1.3315 0.5940 0.2760 0.3880 11  
## 1012 F 0.625 0.480 0.170 1.3525 0.6235 0.2780 0.3650 10  
## 1013 M 0.625 0.490 0.175 1.3325 0.5705 0.2710 0.4050 10  
## 1014 F 0.625 0.475 0.175 1.1435 0.4755 0.2475 0.3490 10  
## 1015 F 0.625 0.500 0.165 1.2880 0.5730 0.3035 0.3150 9  
## 1016 F 0.625 0.485 0.200 1.3800 0.5845 0.3020 0.4010 9  
## 1017 M 0.630 0.485 0.155 1.2780 0.6370 0.2750 0.3100 8  
## 1018 F 0.630 0.495 0.165 1.3075 0.5990 0.2840 0.3150 11  
## 1019 M 0.630 0.480 0.150 1.1785 0.5185 0.2480 0.3235 8  
## 1020 M 0.635 0.490 0.175 1.3750 0.6230 0.2705 0.3950 11  
## 1021 M 0.635 0.525 0.185 1.4065 0.6840 0.3000 0.3745 10  
## 1022 M 0.640 0.505 0.155 1.4025 0.7050 0.2655 0.3350 10  
## 1023 F 0.640 0.500 0.170 1.5175 0.6930 0.3260 0.4090 11  
## 1024 F 0.640 0.500 0.175 1.3940 0.4935 0.2910 0.4000 10  
## 1025 F 0.645 0.500 0.155 1.2205 0.6145 0.2360 0.3185 10  
## 1026 M 0.645 0.520 0.175 1.6360 0.7790 0.3420 0.4320 11  
## 1027 M 0.645 0.520 0.175 1.5610 0.7090 0.3555 0.4000 8  
## 1028 F 0.645 0.505 0.165 1.4325 0.6840 0.3080 0.3360 8  
## 1029 M 0.645 0.500 0.175 1.3385 0.6330 0.2990 0.3490 11  
## 1030 F 0.645 0.500 0.160 1.2465 0.5475 0.3270 0.3000 10  
## 1031 F 0.645 0.515 0.150 1.2120 0.5150 0.2055 0.3850 10  
## 1032 M 0.650 0.495 0.160 1.3040 0.5700 0.3120 0.3725 9  
## 1033 M 0.650 0.520 0.210 1.6785 0.6665 0.3080 0.4600 11  
## 1034 M 0.650 0.525 0.185 1.6220 0.6645 0.3225 0.4770 10  
## 1035 F 0.655 0.460 0.160 1.4940 0.6895 0.3310 0.1825 9  
## 1036 F 0.655 0.510 0.175 1.6525 0.8515 0.3365 0.4030 10  
## 1037 F 0.660 0.505 0.185 1.5280 0.6900 0.3025 0.4410 11  
## 1038 M 0.660 0.535 0.190 1.5905 0.6425 0.2970 0.5175 9  
## 1039 M 0.660 0.495 0.195 1.6275 0.5940 0.3595 0.4850 10  
## 1040 F 0.660 0.475 0.180 1.3695 0.6410 0.2940 0.3350 6  
## 1041 M 0.670 0.525 0.165 1.6085 0.6820 0.3145 0.4005 11  
## 1042 F 0.675 0.570 0.225 1.5870 0.7390 0.2995 0.4350 10  
## 1043 F 0.675 0.565 0.195 1.8375 0.7645 0.3615 0.5530 12  
## 1044 M 0.680 0.535 0.185 1.6070 0.7245 0.3215 0.4980 12  
## 1045 M 0.690 0.525 0.175 1.7005 0.8255 0.3620 0.4050 8  
## 1046 M 0.690 0.505 0.200 1.8720 0.8930 0.4015 0.4800 10  
## 1047 F 0.695 0.535 0.175 1.8385 0.8035 0.3960 0.5030 10  
## 1048 F 0.705 0.535 0.180 1.6850 0.6930 0.4200 0.4045 12  
## 1049 M 0.710 0.565 0.205 2.1980 1.0120 0.5225 0.5475 11  
## 1050 M 0.715 0.565 0.175 1.9525 0.7645 0.4185 0.4135 10  
## 1051 F 0.715 0.525 0.185 1.5600 0.6655 0.3830 0.4050 11  
## 1052 F 0.735 0.600 0.220 2.5550 1.1335 0.4400 0.6000 11  
## 1053 M 0.765 0.600 0.220 2.3020 1.0070 0.5090 0.6205 12  
## 1054 I 0.185 0.130 0.045 0.0290 0.0120 0.0075 0.0095 4  
## 1055 I 0.195 0.150 0.045 0.0375 0.0180 0.0060 0.0110 3  
## 1056 I 0.195 0.135 0.040 0.0325 0.0135 0.0050 0.0095 4  
## 1057 I 0.200 0.155 0.040 0.0435 0.0155 0.0090 0.0070 4  
## 1058 I 0.225 0.165 0.055 0.0590 0.0270 0.0125 0.0150 4  
## 1059 I 0.245 0.180 0.065 0.0710 0.0300 0.0130 0.0215 4  
## 1060 I 0.250 0.180 0.065 0.0685 0.0245 0.0155 0.0225 5  
## 1061 I 0.265 0.195 0.055 0.0840 0.0365 0.0175 0.0250 7  
## 1062 I 0.275 0.195 0.065 0.1060 0.0540 0.0200 0.0280 6  
## 1063 I 0.280 0.210 0.085 0.1075 0.0415 0.0240 0.0340 5  
## 1064 I 0.285 0.220 0.065 0.0960 0.0405 0.0205 0.0300 5  
## 1065 I 0.300 0.220 0.080 0.1255 0.0550 0.0265 0.0390 6  
## 1066 I 0.315 0.235 0.055 0.1510 0.0650 0.0270 0.0390 6  
## 1067 I 0.320 0.225 0.085 0.1415 0.0675 0.0295 0.0405 6  
## 1068 I 0.340 0.265 0.080 0.2015 0.0900 0.0475 0.0550 5  
## 1069 I 0.370 0.280 0.100 0.2210 0.1165 0.0265 0.0635 6  
## 1070 I 0.375 0.280 0.080 0.2345 0.1125 0.0455 0.0670 6  
## 1071 I 0.375 0.275 0.100 0.2325 0.1165 0.0420 0.0650 6  
## 1072 I 0.385 0.290 0.080 0.2485 0.1220 0.0495 0.0650 7  
## 1073 I 0.400 0.320 0.095 0.3480 0.1940 0.0530 0.0870 6  
## 1074 I 0.405 0.300 0.110 0.3200 0.1720 0.0440 0.0930 7  
## 1075 I 0.410 0.300 0.100 0.2820 0.1255 0.0570 0.0875 7  
## 1076 I 0.410 0.325 0.100 0.3245 0.1320 0.0720 0.1060 6  
## 1077 I 0.420 0.300 0.105 0.3160 0.1255 0.0700 0.1035 7  
## 1078 I 0.420 0.320 0.110 0.3625 0.1740 0.0635 0.1050 7  
## 1079 I 0.420 0.310 0.095 0.2790 0.1255 0.0510 0.0880 6  
## 1080 I 0.425 0.325 0.115 0.3685 0.1620 0.0865 0.1045 7  
## 1081 M 0.430 0.335 0.120 0.3970 0.1985 0.0865 0.1035 7  
## 1082 I 0.435 0.330 0.110 0.4130 0.2055 0.0960 0.0960 6  
## 1083 I 0.435 0.345 0.115 0.4180 0.2220 0.0735 0.1060 7  
## 1084 I 0.440 0.330 0.110 0.3705 0.1545 0.0840 0.1200 7  
## 1085 I 0.445 0.345 0.105 0.4090 0.1675 0.1015 0.1170 7  
## 1086 I 0.445 0.340 0.145 0.4340 0.1945 0.0905 0.1300 7  
## 1087 I 0.445 0.335 0.110 0.4110 0.1985 0.0935 0.1090 8  
## 1088 I 0.450 0.365 0.125 0.4620 0.2135 0.0985 0.1315 8  
## 1089 I 0.450 0.340 0.120 0.4925 0.2410 0.1075 0.1200 6  
## 1090 I 0.450 0.330 0.105 0.3715 0.1865 0.0785 0.0975 7  
## 1091 I 0.450 0.330 0.100 0.4110 0.1945 0.1000 0.0980 6  
## 1092 I 0.450 0.330 0.110 0.3685 0.1600 0.0885 0.1020 6  
## 1093 I 0.460 0.350 0.115 0.4155 0.1800 0.0980 0.1175 7  
## 1094 M 0.470 0.360 0.105 0.5440 0.2700 0.1395 0.1290 7  
## 1095 I 0.470 0.380 0.125 0.4845 0.2110 0.1075 0.1420 6  
## 1096 I 0.475 0.350 0.110 0.4565 0.2060 0.0990 0.1300 6  
## 1097 I 0.475 0.350 0.100 0.4545 0.2165 0.1110 0.1150 7  
## 1098 I 0.480 0.380 0.125 0.6245 0.3395 0.1085 0.1665 8  
## 1099 M 0.490 0.465 0.125 0.5225 0.2350 0.1300 0.1410 7  
## 1100 I 0.500 0.375 0.140 0.5495 0.2480 0.1120 0.1585 7  
## 1101 I 0.500 0.375 0.120 0.5420 0.2150 0.1160 0.1700 9  
## 1102 I 0.500 0.380 0.125 0.5190 0.2485 0.1135 0.1340 8  
## 1103 M 0.500 0.390 0.125 0.5215 0.2485 0.1170 0.1310 6  
## 1104 F 0.505 0.390 0.125 0.5445 0.2460 0.1500 0.1405 7  
## 1105 I 0.510 0.405 0.125 0.6795 0.3465 0.1395 0.1820 8  
## 1106 F 0.510 0.400 0.125 0.5450 0.2610 0.1150 0.1385 6  
## 1107 I 0.510 0.400 0.125 0.5575 0.2615 0.1195 0.1525 9  
## 1108 I 0.510 0.380 0.115 0.5155 0.2150 0.1135 0.1660 8  
## 1109 I 0.515 0.385 0.125 0.6115 0.3175 0.1265 0.1500 8  
## 1110 M 0.520 0.400 0.145 0.7765 0.3525 0.1845 0.1850 9  
## 1111 I 0.520 0.380 0.135 0.5395 0.2295 0.1330 0.1570 8  
## 1112 I 0.520 0.380 0.125 0.5545 0.2880 0.1295 0.1670 8  
## 1113 F 0.520 0.460 0.150 1.0190 0.5230 0.1985 0.2540 7  
## 1114 I 0.525 0.400 0.130 0.6455 0.3250 0.1245 0.1700 8  
## 1115 I 0.525 0.400 0.140 0.6010 0.2625 0.1285 0.1835 9  
## 1116 M 0.525 0.405 0.120 0.7555 0.3755 0.1555 0.2010 9  
## 1117 I 0.525 0.395 0.120 0.6080 0.2970 0.1395 0.1405 8  
## 1118 I 0.530 0.400 0.125 0.6170 0.2790 0.1270 0.1900 8  
## 1119 I 0.535 0.390 0.125 0.5990 0.2595 0.1490 0.1690 9  
## 1120 I 0.540 0.420 0.140 0.6665 0.3125 0.1380 0.1895 10  
## 1121 M 0.545 0.390 0.135 0.7835 0.4225 0.1815 0.1560 7  
## 1122 M 0.545 0.410 0.120 0.7930 0.4340 0.1405 0.1900 9  
## 1123 M 0.545 0.415 0.140 0.8200 0.4615 0.1270 0.2180 9  
## 1124 F 0.550 0.415 0.135 0.8145 0.4270 0.1855 0.1750 8  
## 1125 F 0.550 0.430 0.150 0.8400 0.3950 0.1950 0.2230 8  
## 1126 M 0.550 0.425 0.150 0.8315 0.4110 0.1765 0.2165 10  
## 1127 M 0.560 0.430 0.145 0.8995 0.4640 0.1775 0.2340 9  
## 1128 M 0.560 0.445 0.160 0.8965 0.4200 0.2175 0.2215 8  
## 1129 F 0.560 0.440 0.155 0.6405 0.3360 0.1765 0.2450 8  
## 1130 M 0.560 0.415 0.145 0.8520 0.4300 0.1885 0.2050 8  
## 1131 M 0.565 0.455 0.150 0.9595 0.4565 0.2395 0.2300 9  
## 1132 M 0.565 0.435 0.150 0.9900 0.5795 0.1825 0.2060 8  
## 1133 F 0.565 0.450 0.175 1.0095 0.4470 0.2375 0.2645 9  
## 1134 M 0.570 0.460 0.150 1.0375 0.5415 0.2035 0.2500 9  
## 1135 F 0.570 0.445 0.145 0.8775 0.4120 0.2170 0.2200 8  
## 1136 I 0.570 0.440 0.150 0.7550 0.3425 0.1600 0.2240 8  
## 1137 F 0.575 0.460 0.145 0.9945 0.4660 0.2290 0.2650 7  
## 1138 F 0.575 0.450 0.160 1.0680 0.5560 0.2140 0.2575 10  
## 1139 M 0.575 0.435 0.140 0.8455 0.4010 0.1910 0.2220 9  
## 1140 F 0.575 0.470 0.165 0.8690 0.4350 0.1970 0.2380 9  
## 1141 M 0.575 0.455 0.135 0.9070 0.4245 0.1970 0.2600 9  
## 1142 I 0.575 0.435 0.130 0.8050 0.3155 0.2155 0.2450 10  
## 1143 M 0.575 0.445 0.170 1.0225 0.5490 0.2175 0.2280 9  
## 1144 M 0.575 0.445 0.145 0.8470 0.4150 0.1945 0.2200 9  
## 1145 M 0.580 0.455 0.150 1.1140 0.4765 0.2155 0.2650 8  
## 1146 M 0.580 0.455 0.195 1.8590 0.9450 0.4260 0.4410 9  
## 1147 M 0.580 0.445 0.135 0.8140 0.3775 0.1915 0.2200 9  
## 1148 M 0.580 0.450 0.140 0.9615 0.4860 0.1815 0.2530 9  
## 1149 M 0.580 0.450 0.145 1.0025 0.5470 0.1975 0.2295 8  
## 1150 F 0.580 0.450 0.155 0.9300 0.3850 0.2460 0.2650 9  
## 1151 M 0.585 0.460 0.145 0.9335 0.4780 0.1825 0.2350 9  
## 1152 M 0.585 0.465 0.160 0.9555 0.4595 0.2360 0.2650 7  
## 1153 M 0.590 0.470 0.150 0.9955 0.4810 0.2320 0.2400 8  
## 1154 F 0.600 0.475 0.160 1.0265 0.4850 0.2495 0.2565 9  
## 1155 M 0.600 0.455 0.170 1.1915 0.6960 0.2395 0.2400 8  
## 1156 F 0.600 0.465 0.150 1.1025 0.5455 0.2620 0.2500 8  
## 1157 M 0.600 0.465 0.155 1.0165 0.5120 0.2465 0.2250 10  
## 1158 F 0.605 0.470 0.165 1.1775 0.6110 0.2275 0.2920 9  
## 1159 M 0.605 0.475 0.140 1.1175 0.5550 0.2570 0.2740 9  
## 1160 M 0.605 0.480 0.170 1.1835 0.5820 0.2365 0.3170 10  
## 1161 F 0.605 0.475 0.165 1.0560 0.4330 0.2195 0.3570 9  
## 1162 M 0.610 0.485 0.160 1.0145 0.5315 0.2120 0.2415 8  
## 1163 M 0.610 0.485 0.145 1.3305 0.7830 0.2255 0.2865 9  
## 1164 M 0.610 0.470 0.165 1.0520 0.4980 0.2420 0.2670 9  
## 1165 M 0.615 0.460 0.170 1.0565 0.4815 0.2720 0.2700 10  
## 1166 F 0.615 0.465 0.150 0.9230 0.4615 0.1825 0.2415 9  
## 1167 F 0.615 0.475 0.155 1.0270 0.4470 0.2500 0.2850 9  
## 1168 M 0.620 0.470 0.135 1.0195 0.5315 0.2005 0.2475 8  
## 1169 M 0.620 0.450 0.200 0.8580 0.4285 0.1525 0.2405 8  
## 1170 F 0.620 0.480 0.160 1.1125 0.5635 0.2445 0.2810 8  
## 1171 F 0.625 0.485 0.175 1.3745 0.7335 0.2715 0.3320 9  
## 1172 M 0.625 0.480 0.185 1.2065 0.5870 0.2900 0.2860 8  
## 1173 M 0.630 0.470 0.155 1.1325 0.5890 0.2110 0.2870 8  
## 1174 M 0.630 0.500 0.175 1.2645 0.5635 0.3065 0.3425 10  
## 1175 F 0.635 0.495 0.015 1.1565 0.5115 0.3080 0.2885 9  
## 1176 M 0.640 0.515 0.165 1.3690 0.6320 0.3415 0.3580 10  
## 1177 M 0.645 0.530 0.195 1.3900 0.6465 0.2945 0.3735 10  
## 1178 F 0.645 0.480 0.170 1.1345 0.5280 0.2540 0.3050 10  
## 1179 F 0.650 0.500 0.190 1.4640 0.6415 0.3390 0.4245 9  
## 1180 M 0.650 0.500 0.155 1.2020 0.5650 0.3135 0.2940 11  
## 1181 M 0.655 0.515 0.160 1.3100 0.5530 0.3690 0.3450 11  
## 1182 F 0.655 0.510 0.175 1.4150 0.5885 0.3725 0.3640 10  
## 1183 F 0.660 0.530 0.185 1.3460 0.5460 0.2705 0.4760 11  
## 1184 M 0.665 0.525 0.160 1.3630 0.6290 0.2790 0.3400 8  
## 1185 I 0.665 0.500 0.170 1.2975 0.6035 0.2910 0.3595 9  
## 1186 F 0.670 0.505 0.205 1.3645 0.6075 0.3025 0.3530 9  
## 1187 F 0.685 0.540 0.215 1.7025 0.6640 0.3655 0.4735 14  
## 1188 M 0.685 0.520 0.165 1.5190 0.6990 0.3685 0.4000 10  
## 1189 F 0.690 0.540 0.155 1.4540 0.6240 0.3105 0.3900 9  
## 1190 M 0.690 0.530 0.210 1.5830 0.7355 0.4050 0.3865 12  
## 1191 F 0.690 0.530 0.170 1.5535 0.7945 0.3485 0.3695 9  
## 1192 M 0.695 0.560 0.185 1.7400 0.8850 0.3715 0.4375 10  
## 1193 M 0.700 0.565 0.180 1.7510 0.8950 0.3355 0.4460 9  
## 1194 M 0.700 0.575 0.190 2.2730 1.0950 0.4180 0.6380 12  
## 1195 F 0.700 0.525 0.190 1.6465 0.8545 0.3070 0.3995 9  
## 1196 F 0.705 0.550 0.170 1.2190 0.6395 0.2360 0.3010 9  
## 1197 F 0.710 0.560 0.180 1.6520 0.7350 0.3810 0.4525 11  
## 1198 M 0.715 0.550 0.190 2.0045 1.0465 0.4070 0.5075 12  
## 1199 M 0.715 0.535 0.190 1.6755 0.8890 0.3130 0.4200 10  
## 1200 F 0.720 0.580 0.195 2.1030 1.0265 0.4800 0.5375 10  
## 1201 F 0.720 0.550 0.200 1.9965 0.9035 0.4690 0.5215 10  
## 1202 M 0.720 0.565 0.145 1.1870 0.6910 0.1945 0.2685 8  
## 1203 M 0.725 0.505 0.185 1.9780 1.0260 0.4255 0.4505 12  
## 1204 F 0.730 0.575 0.185 1.8795 0.9310 0.3800 0.4825 12  
## 1205 M 0.735 0.585 0.185 2.1240 0.9520 0.5500 0.5000 11  
## 1206 M 0.745 0.565 0.215 1.9310 0.8960 0.4585 0.5000 11  
## 1207 F 0.750 0.570 0.210 2.2360 1.1090 0.5195 0.5450 11  
## 1208 F 0.755 0.625 0.210 2.5050 1.1965 0.5130 0.6785 11  
## 1209 M 0.755 0.580 0.205 2.0065 0.8295 0.4015 0.5950 10  
## 1210 F 0.780 0.630 0.215 2.6570 1.4880 0.4985 0.5860 11  
## 1211 I 0.185 0.375 0.120 0.4645 0.1960 0.1045 0.1500 6  
## 1212 I 0.245 0.205 0.060 0.0765 0.0340 0.0140 0.0215 4  
## 1213 I 0.250 0.185 0.065 0.0685 0.0295 0.0140 0.0225 5  
## 1214 I 0.250 0.190 0.065 0.0835 0.0390 0.0150 0.0250 5  
## 1215 I 0.275 0.195 0.090 0.1125 0.0545 0.0295 0.0355 6  
## 1216 I 0.305 0.215 0.065 0.1075 0.0440 0.0205 0.0380 5  
## 1217 I 0.310 0.225 0.070 0.1055 0.4350 0.0150 0.0400 5  
## 1218 I 0.315 0.230 0.080 0.1375 0.0545 0.0310 0.0445 5  
## 1219 I 0.315 0.230 0.070 0.1145 0.0460 0.0235 0.0385 5  
## 1220 I 0.325 0.225 0.075 0.1390 0.0565 0.0320 0.0900 6  
## 1221 I 0.330 0.250 0.095 0.2085 0.1020 0.0395 0.0520 7  
## 1222 I 0.330 0.205 0.095 0.1595 0.0770 0.0320 0.0435 5  
## 1223 I 0.335 0.245 0.090 0.2015 0.0960 0.0405 0.0480 7  
## 1224 I 0.340 0.250 0.090 0.1790 0.0775 0.0330 0.0550 6  
## 1225 I 0.345 0.255 0.095 0.1945 0.0925 0.0370 0.0550 6  
## 1226 I 0.345 0.255 0.085 0.2005 0.1050 0.0370 0.0500 5  
## 1227 I 0.350 0.270 0.075 0.2150 0.1000 0.0360 0.0650 6  
## 1228 I 0.350 0.255 0.090 0.1785 0.0855 0.0305 0.0525 8  
## 1229 I 0.360 0.270 0.085 0.1960 0.0875 0.0350 0.0640 4  
## 1230 I 0.365 0.270 0.085 0.1875 0.0810 0.0420 0.0580 6  
## 1231 I 0.365 0.270 0.085 0.1960 0.0825 0.0375 0.0600 7  
## 1232 I 0.365 0.265 0.085 0.2130 0.0945 0.0490 0.0600 7  
## 1233 I 0.370 0.290 0.090 0.2445 0.0890 0.0655 0.0750 7  
## 1234 I 0.370 0.280 0.085 0.2170 0.1095 0.0350 0.0620 6  
## 1235 I 0.375 0.290 0.095 0.2130 0.0960 0.0410 0.0610 5  
## 1236 I 0.375 0.290 0.085 0.2385 0.1180 0.0450 0.0695 7  
## 1237 I 0.375 0.275 0.090 0.2180 0.0930 0.0405 0.0755 6  
## 1238 I 0.375 0.275 0.095 0.2465 0.1100 0.0415 0.0775 6  
## 1239 I 0.375 0.280 0.080 0.2025 0.0825 0.0480 0.0650 8  
## 1240 I 0.375 0.270 0.085 0.2180 0.0945 0.0390 0.0700 7  
## 1241 I 0.380 0.275 0.110 0.2560 0.1100 0.0535 0.0755 6  
## 1242 I 0.380 0.270 0.080 0.2105 0.0865 0.0420 0.0700 8  
## 1243 I 0.385 0.290 0.090 0.2615 0.1110 0.0595 0.0745 9  
## 1244 I 0.385 0.280 0.085 0.2175 0.0970 0.0380 0.0670 8  
## 1245 I 0.385 0.300 0.095 0.3020 0.1520 0.0615 0.0735 7  
## 1246 I 0.385 0.280 0.090 0.2280 0.1025 0.0420 0.0655 5  
## 1247 I 0.390 0.300 0.095 0.3265 0.1665 0.0575 0.0890 7  
## 1248 I 0.395 0.305 0.105 0.2840 0.1135 0.0595 0.0945 8  
## 1249 I 0.395 0.295 0.095 0.2725 0.1150 0.0625 0.0850 8  
## 1250 I 0.395 0.270 0.100 0.2985 0.1445 0.0610 0.0820 5  
## 1251 I 0.400 0.290 0.100 0.2675 0.1205 0.0605 0.0765 5  
## 1252 I 0.405 0.285 0.090 0.2645 0.1265 0.0505 0.0750 6  
## 1253 I 0.410 0.335 0.110 0.3300 0.1570 0.0705 0.1700 7  
## 1254 I 0.420 0.305 0.090 0.3280 0.1680 0.0615 0.0820 6  
## 1255 I 0.425 0.325 0.110 0.3335 0.1730 0.0450 0.1000 7  
## 1256 I 0.425 0.320 0.100 0.3055 0.1260 0.0600 0.1060 7  
## 1257 I 0.425 0.310 0.090 0.3010 0.1385 0.0650 0.0800 7  
## 1258 I 0.430 0.340 0.000 0.4280 0.2065 0.0860 0.1150 8  
## 1259 I 0.430 0.315 0.095 0.3780 0.1750 0.0800 0.1045 8  
## 1260 I 0.435 0.315 0.110 0.3685 0.1615 0.0715 0.1200 7  
## 1261 I 0.440 0.340 0.120 0.4380 0.2115 0.0830 0.1200 9  
## 1262 I 0.450 0.330 0.105 0.4480 0.2080 0.0890 0.1200 9  
## 1263 I 0.455 0.345 0.105 0.4005 0.1640 0.0755 0.1260 8  
## 1264 F 0.455 0.365 0.115 0.4305 0.1840 0.1080 0.1245 8  
## 1265 I 0.455 0.330 0.100 0.3720 0.3580 0.0775 0.1100 8  
## 1266 I 0.460 0.360 0.105 0.4660 0.2225 0.0990 0.1100 7  
## 1267 I 0.460 0.350 0.105 0.3705 0.1575 0.0770 0.1140 9  
## 1268 F 0.460 0.365 0.125 0.4785 0.2060 0.1045 0.1410 8  
## 1269 I 0.465 0.340 0.110 0.3460 0.1425 0.0730 0.1130 11  
## 1270 I 0.470 0.365 0.100 0.4110 0.1750 0.0855 0.1350 8  
## 1271 I 0.470 0.355 0.180 0.4800 0.2055 0.1050 0.1505 8  
## 1272 I 0.470 0.355 0.120 0.3930 0.1670 0.0885 0.1150 8  
## 1273 I 0.475 0.355 0.100 0.5035 0.2535 0.0910 0.1400 8  
## 1274 I 0.475 0.380 0.120 0.4410 0.1785 0.0885 0.1505 8  
## 1275 I 0.475 0.360 0.110 0.4920 0.2110 0.1100 0.1500 8  
## 1276 I 0.480 0.370 0.125 0.5435 0.2440 0.1010 0.1650 9  
## 1277 I 0.480 0.355 0.115 0.4725 0.2065 0.1120 0.1320 8  
## 1278 I 0.480 0.365 0.100 0.4610 0.2205 0.0835 0.1350 8  
## 1279 I 0.495 0.355 0.120 0.4965 0.2140 0.1045 0.1495 8  
## 1280 I 0.495 0.380 0.130 0.5125 0.2185 0.1160 0.1600 7  
## 1281 M 0.495 0.395 0.120 0.5530 0.2240 0.1375 0.1670 8  
## 1282 I 0.500 0.380 0.135 0.5940 0.2945 0.1040 0.1565 9  
## 1283 M 0.500 0.420 0.135 0.6765 0.3020 0.1415 0.2065 9  
## 1284 I 0.500 0.375 0.145 0.5795 0.2390 0.1375 0.1850 9  
## 1285 I 0.500 0.410 0.140 0.6615 0.2585 0.1625 0.1960 9  
## 1286 I 0.500 0.375 0.125 0.5695 0.2590 0.1240 0.1570 7  
## 1287 I 0.500 0.395 0.140 0.6215 0.2925 0.1205 0.1950 9  
## 1288 I 0.505 0.405 0.130 0.6015 0.3015 0.1100 0.1800 8  
## 1289 I 0.505 0.380 0.120 0.5940 0.2595 0.1435 0.1800 7  
## 1290 I 0.505 0.395 0.105 0.5510 0.2480 0.1030 0.1710 8  
## 1291 I 0.515 0.380 0.120 0.6250 0.3265 0.1295 0.1600 7  
## 1292 I 0.515 0.420 0.135 0.7110 0.3370 0.1440 0.2050 13  
## 1293 I 0.515 0.400 0.135 0.6965 0.3200 0.1255 0.1750 9  
## 1294 I 0.520 0.400 0.130 0.5825 0.2330 0.1365 0.1800 10  
## 1295 I 0.520 0.395 0.125 0.6630 0.3005 0.1310 0.1905 9  
## 1296 I 0.525 0.400 0.125 0.6965 0.3690 0.1385 0.1640 9  
## 1297 M 0.525 0.420 0.155 0.8420 0.4280 0.1415 0.2045 9  
## 1298 I 0.530 0.415 0.130 0.6940 0.3905 0.1110 0.1670 9  
## 1299 I 0.530 0.420 0.155 0.8100 0.4725 0.1110 0.1920 10  
## 1300 I 0.530 0.415 0.110 0.5745 0.2525 0.1235 0.1890 9  
## 1301 I 0.530 0.425 0.130 0.7675 0.4190 0.1205 0.2100 9  
## 1302 I 0.535 0.400 0.135 0.6025 0.2895 0.1210 0.1540 9  
## 1303 I 0.535 0.415 0.150 0.5765 0.3595 0.1350 0.2250 8  
## 1304 F 0.535 0.410 0.130 0.7145 0.3350 0.1440 0.2075 9  
## 1305 M 0.535 0.435 0.150 0.7170 0.3475 0.1445 0.1940 9  
## 1306 F 0.540 0.420 0.145 0.8655 0.4315 0.1630 0.2175 10  
## 1307 I 0.540 0.420 0.140 0.7265 0.3205 0.1445 0.2290 9  
## 1308 I 0.545 0.435 0.135 0.7715 0.3720 0.1480 0.2270 8  
## 1309 F 0.545 0.445 0.150 0.8000 0.3535 0.1630 0.2070 9  
## 1310 I 0.545 0.430 0.150 0.7285 0.3020 0.1315 0.2545 10  
## 1311 I 0.545 0.405 0.135 0.5945 0.2700 0.1185 0.1850 8  
## 1312 I 0.550 0.430 0.145 0.7895 0.3745 0.1710 0.2230 11  
## 1313 F 0.550 0.405 0.125 0.6510 0.2965 0.1370 0.2000 9  
## 1314 M 0.550 0.430 0.150 0.8745 0.4130 0.1905 0.2480 9  
## 1315 I 0.550 0.435 0.140 0.7535 0.3285 0.1555 0.2325 10  
## 1316 I 0.550 0.425 0.135 0.7305 0.3325 0.1545 0.2150 9  
## 1317 M 0.555 0.440 0.140 0.8705 0.4070 0.1560 0.2550 9  
## 1318 I 0.555 0.430 0.155 0.7395 0.3135 0.1435 0.2800 10  
## 1319 I 0.555 0.430 0.140 0.7665 0.3410 0.1650 0.2300 9  
## 1320 I 0.555 0.425 0.145 0.7905 0.3485 0.1765 0.2250 9  
## 1321 I 0.560 0.425 0.135 0.8205 0.3715 0.1850 0.2360 9  
## 1322 I 0.560 0.425 0.145 0.6880 0.3095 0.1305 0.2165 9  
## 1323 F 0.560 0.445 0.155 1.2240 0.5565 0.3225 0.2695 10  
## 1324 I 0.560 0.455 0.145 0.9740 0.5470 0.1615 0.2350 9  
## 1325 I 0.565 0.440 0.175 0.8735 0.4140 0.2100 0.2100 11  
## 1326 F 0.565 0.450 0.145 0.8495 0.4215 0.1685 0.2250 8  
## 1327 M 0.565 0.445 0.150 0.7960 0.3635 0.1840 0.2190 8  
## 1328 M 0.565 0.390 0.125 0.7440 0.3520 0.1300 0.1685 11  
## 1329 I 0.570 0.450 0.145 0.7510 0.2825 0.2195 0.2215 10  
## 1330 I 0.570 0.450 0.135 0.7940 0.3815 0.1415 0.2450 8  
## 1331 F 0.570 0.460 0.135 0.9795 0.3970 0.2525 0.2655 9  
## 1332 M 0.570 0.435 0.170 0.8730 0.3820 0.1830 0.2705 10  
## 1333 I 0.570 0.440 0.130 0.7665 0.3470 0.1785 0.2020 10  
## 1334 M 0.570 0.435 0.125 0.8965 0.3830 0.1835 0.2750 9  
## 1335 F 0.575 0.420 0.135 0.8570 0.4610 0.1470 0.2125 10  
## 1336 F 0.575 0.480 0.165 1.0780 0.5110 0.2095 0.3060 9  
## 1337 M 0.575 0.460 0.155 0.8920 0.4415 0.1760 0.2200 10  
## 1338 M 0.580 0.460 0.155 1.4395 0.6715 0.2730 0.2955 10  
## 1339 M 0.580 0.455 0.135 0.7955 0.4050 0.1670 0.2040 10  
## 1340 F 0.580 0.445 0.150 0.8580 0.4000 0.1560 0.2530 8  
## 1341 M 0.585 0.465 0.155 0.9145 0.4555 0.1965 0.2350 9  
## 1342 M 0.585 0.490 0.185 1.1710 0.5220 0.2535 0.3350 10  
## 1343 I 0.585 0.475 0.160 1.0505 0.4800 0.2340 0.2850 10  
## 1344 M 0.585 0.460 0.165 1.1135 0.5825 0.2345 0.2740 10  
## 1345 M 0.585 0.470 0.165 1.4090 0.8000 0.2290 0.2950 10  
## 1346 M 0.585 0.475 0.150 1.0650 0.5315 0.1990 0.2885 10  
## 1347 M 0.585 0.450 0.180 0.7995 0.3360 0.1855 0.2370 8  
## 1348 I 0.590 0.445 0.135 0.7715 0.3280 0.1745 0.2300 9  
## 1349 M 0.590 0.470 0.180 1.1870 0.5985 0.2270 0.3100 9  
## 1350 M 0.590 0.455 0.155 0.8855 0.3880 0.1880 0.2750 10  
## 1351 F 0.595 0.465 0.150 0.9800 0.4115 0.1960 0.2255 10  
## 1352 F 0.595 0.465 0.155 1.0260 0.4645 0.1120 0.3050 12  
## 1353 M 0.600 0.475 0.170 1.1315 0.5080 0.2720 0.3090 10  
## 1354 M 0.600 0.480 0.155 1.0140 0.4510 0.1885 0.3250 11  
## 1355 I 0.600 0.475 0.150 1.1200 0.5650 0.2465 0.2700 10  
## 1356 F 0.600 0.465 0.155 1.0400 0.4755 0.2500 0.2800 11  
## 1357 F 0.600 0.455 0.145 0.8895 0.4190 0.1715 0.2690 10  
## 1358 M 0.600 0.460 0.155 0.9595 0.4455 0.1890 0.2950 11  
## 1359 I 0.605 0.485 0.150 1.2380 0.6315 0.2260 0.3300 11  
## 1360 M 0.605 0.490 0.140 0.9755 0.4190 0.2060 0.3150 10  
## 1361 I 0.605 0.435 0.130 0.9025 0.4320 0.1740 0.2600 11  
## 1362 F 0.605 0.475 0.175 1.0760 0.4630 0.2195 0.3350 9  
## 1363 F 0.605 0.470 0.160 1.0835 0.5405 0.2215 0.2750 12  
## 1364 M 0.610 0.450 0.150 0.8710 0.4070 0.1835 0.2500 10  
## 1365 M 0.610 0.480 0.165 1.2440 0.6345 0.2570 0.3050 12  
## 1366 M 0.610 0.475 0.170 1.0265 0.4350 0.2335 0.3035 10  
## 1367 I 0.610 0.465 0.150 0.9605 0.4495 0.1725 0.2860 9  
## 1368 M 0.610 0.480 0.170 1.1370 0.4565 0.2900 0.3470 10  
## 1369 M 0.610 0.460 0.160 1.0000 0.4940 0.1970 0.2750 10  
## 1370 F 0.615 0.475 0.155 1.0040 0.4475 0.1930 0.2895 10  
## 1371 M 0.615 0.470 0.165 1.1280 0.4465 0.2195 0.3400 10  
## 1372 M 0.615 0.500 0.170 1.0540 0.4845 0.2280 0.2950 10  
## 1373 F 0.615 0.475 0.165 1.0230 0.4905 0.1955 0.3035 12  
## 1374 M 0.615 0.475 0.170 1.1290 0.4795 0.3020 0.3000 10  
## 1375 M 0.615 0.480 0.175 1.1180 0.4460 0.3195 0.3000 9  
## 1376 F 0.615 0.475 0.155 1.1150 0.4840 0.2115 0.3550 10  
## 1377 M 0.620 0.510 0.175 1.2815 0.5715 0.2385 0.3900 10  
## 1378 M 0.620 0.495 0.180 1.2555 0.5765 0.2540 0.3550 12  
## 1379 F 0.620 0.500 0.150 1.2930 0.5960 0.3135 0.3540 10  
## 1380 F 0.620 0.475 0.160 1.1295 0.4630 0.2685 0.3300 10  
## 1381 M 0.625 0.455 0.170 1.0820 0.4955 0.2345 0.3150 9  
## 1382 F 0.625 0.505 0.175 1.1500 0.5475 0.2560 0.3045 11  
## 1383 F 0.625 0.515 0.160 1.2640 0.5715 0.3260 0.3210 9  
## 1384 F 0.625 0.480 0.155 1.2035 0.5865 0.2390 0.3185 12  
## 1385 F 0.630 0.485 0.170 1.3205 0.5945 0.3450 0.3450 9  
## 1386 I 0.630 0.505 0.180 1.2720 0.6025 0.2950 0.3150 11  
## 1387 M 0.630 0.485 0.145 1.0620 0.5065 0.1785 0.3365 12  
## 1388 I 0.630 0.475 0.145 1.0605 0.5165 0.2195 0.2800 10  
## 1389 M 0.630 0.495 0.160 1.0930 0.4970 0.2210 0.3150 12  
## 1390 M 0.635 0.490 0.160 1.1010 0.5340 0.1865 0.3455 10  
## 1391 F 0.635 0.500 0.165 1.4595 0.7050 0.2645 0.3900 9  
## 1392 F 0.635 0.495 0.175 1.2110 0.7070 0.2725 0.3230 9  
## 1393 M 0.635 0.475 0.170 1.1935 0.5205 0.2695 0.3665 10  
## 1394 M 0.635 0.510 0.155 0.9860 0.4050 0.2255 0.3100 10  
## 1395 M 0.640 0.565 0.230 1.5210 0.6440 0.3720 0.4060 15  
## 1396 M 0.640 0.525 0.180 1.3135 0.4865 0.2995 0.4075 10  
## 1397 M 0.645 0.510 0.160 1.1835 0.5560 0.2385 0.3450 11  
## 1398 M 0.645 0.500 0.195 1.4010 0.6165 0.3515 0.3725 10  
## 1399 M 0.645 0.525 0.160 1.5075 0.7455 0.2450 0.4325 11  
## 1400 F 0.650 0.505 0.165 1.1600 0.4785 0.2740 0.3490 11  
## 1401 F 0.650 0.590 0.220 1.6620 0.7700 0.3780 0.4350 11  
## 1402 M 0.650 0.525 0.175 1.5365 0.6865 0.3585 0.4050 11  
## 1403 M 0.650 0.510 0.190 1.5420 0.7155 0.3735 0.3750 9  
## 1404 F 0.650 0.510 0.170 1.5670 0.7245 0.3490 0.3910 10  
## 1405 F 0.655 0.525 0.190 1.3595 0.5640 0.3215 0.3985 10  
## 1406 M 0.655 0.535 0.205 1.6445 0.7305 0.3595 0.4600 13  
## 1407 F 0.655 0.520 0.190 1.4545 0.6000 0.3865 0.3830 10  
## 1408 M 0.655 0.490 0.175 1.3585 0.6395 0.2940 0.3650 10  
## 1409 F 0.660 0.495 0.210 1.5480 0.7240 0.3525 0.3925 10  
## 1410 F 0.660 0.515 0.170 1.3370 0.6150 0.3125 0.3575 10  
## 1411 F 0.665 0.530 0.180 1.4910 0.6345 0.3420 0.4350 10  
## 1412 F 0.670 0.530 0.225 1.5615 0.6300 0.4870 0.3725 11  
## 1413 F 0.670 0.505 0.175 1.0145 0.4375 0.2710 0.3745 10  
## 1414 M 0.675 0.545 0.185 1.7375 0.8760 0.3135 0.4690 13  
## 1415 M 0.685 0.545 0.205 1.7925 0.8145 0.4160 0.4610 9  
## 1416 F 0.695 0.565 0.190 1.7635 0.7465 0.3990 0.4975 11  
## 1417 F 0.700 0.545 0.130 1.5560 0.6725 0.3740 0.1950 12  
## 1418 M 0.705 0.565 0.515 2.2100 1.1075 0.4865 0.5120 10  
## 1419 M 0.705 0.555 0.215 2.1410 1.0465 0.3830 0.5280 11  
## 1420 F 0.705 0.570 0.180 1.5345 0.9600 0.4195 0.4300 12  
## 1421 F 0.710 0.550 0.170 1.6140 0.7430 0.3450 0.4500 11  
## 1422 F 0.720 0.575 0.170 1.9335 0.9130 0.3890 0.5100 13  
## 1423 M 0.720 0.575 0.215 2.1730 0.9515 0.5640 0.5365 12  
## 1424 F 0.725 0.600 0.200 1.7370 0.6970 0.3585 0.5950 11  
## 1425 F 0.730 0.580 0.190 1.7375 0.6785 0.4345 0.5200 11  
## 1426 F 0.735 0.565 0.205 2.1275 0.9490 0.4600 0.5650 12  
## 1427 F 0.745 0.570 0.215 2.2500 1.1565 0.4460 0.5580 9  
## 1428 F 0.750 0.610 0.235 2.5085 1.2320 0.5190 0.6120 14  
## 1429 F 0.815 0.650 0.250 2.2550 0.8905 0.4200 0.7975 14  
## 1430 I 0.140 0.105 0.035 0.0140 0.0055 0.0025 0.0040 3  
## 1431 I 0.230 0.165 0.060 0.0515 0.0190 0.0145 0.0360 4  
## 1432 I 0.365 0.265 0.135 0.2215 0.1050 0.0470 0.0605 7  
## 1433 I 0.365 0.255 0.080 0.1985 0.0785 0.0345 0.0530 5  
## 1434 I 0.370 0.270 0.095 0.2320 0.1325 0.0410 0.0615 6  
## 1435 I 0.375 0.280 0.085 0.3155 0.1870 0.0460 0.0670 7  
## 1436 I 0.385 0.300 0.090 0.2470 0.1225 0.0440 0.0675 5  
## 1437 I 0.395 0.295 0.090 0.3025 0.1430 0.0665 0.0765 5  
## 1438 I 0.400 0.290 0.110 0.3290 0.1880 0.0455 0.0825 6  
## 1439 I 0.400 0.300 0.090 0.2815 0.1185 0.0610 0.0800 7  
## 1440 I 0.405 0.310 0.095 0.3425 0.1785 0.0640 0.0855 8  
## 1441 I 0.405 0.290 0.090 0.2825 0.1120 0.0750 0.0815 7  
## 1442 I 0.405 0.300 0.105 0.3040 0.1455 0.0610 0.0805 6  
## 1443 I 0.410 0.320 0.095 0.2905 0.1410 0.0630 0.0730 5  
## 1444 M 0.415 0.315 0.115 0.3895 0.2015 0.0650 0.1030 9  
## 1445 I 0.425 0.340 0.105 0.3890 0.2015 0.0905 0.0880 6  
## 1446 I 0.430 0.340 0.105 0.4405 0.2385 0.0745 0.1075 6  
## 1447 I 0.440 0.340 0.105 0.3690 0.1640 0.0800 0.1015 5  
## 1448 M 0.440 0.320 0.120 0.4565 0.2435 0.0920 0.1025 8  
## 1449 I 0.440 0.365 0.110 0.4465 0.2130 0.0890 0.1135 9  
## 1450 M 0.450 0.335 0.125 0.4475 0.2165 0.1260 0.1100 6  
## 1451 I 0.455 0.335 0.135 0.5010 0.2740 0.0995 0.1065 7  
## 1452 I 0.460 0.355 0.110 0.4360 0.1975 0.0960 0.1250 8  
## 1453 I 0.470 0.345 0.140 0.4615 0.2290 0.1105 0.1160 9  
## 1454 I 0.470 0.350 0.125 0.4315 0.1900 0.1165 0.1175 6  
## 1455 I 0.470 0.355 0.120 0.3685 0.1260 0.0835 0.1365 6  
## 1456 M 0.475 0.370 0.125 0.6490 0.3470 0.1360 0.1420 8  
## 1457 I 0.475 0.365 0.115 0.4590 0.2175 0.0930 0.1165 7  
## 1458 F 0.475 0.365 0.115 0.5660 0.2810 0.1170 0.1335 7  
## 1459 I 0.480 0.360 0.125 0.5420 0.2795 0.1025 0.1470 7  
## 1460 I 0.485 0.380 0.120 0.4725 0.2075 0.1075 0.1470 6  
## 1461 M 0.485 0.390 0.085 0.6435 0.2945 0.1030 0.1980 8  
## 1462 M 0.485 0.370 0.130 0.5260 0.2485 0.1050 0.1555 6  
## 1463 F 0.495 0.380 0.120 0.5730 0.2655 0.1285 0.1440 7  
## 1464 M 0.505 0.385 0.105 0.5525 0.2390 0.1245 0.1555 9  
## 1465 F 0.505 0.380 0.135 0.6855 0.3610 0.1565 0.1610 9  
## 1466 I 0.515 0.395 0.125 0.5560 0.2695 0.0960 0.1700 8  
## 1467 M 0.515 0.425 0.145 0.9365 0.4970 0.1810 0.2185 8  
## 1468 I 0.515 0.400 0.125 0.5625 0.2500 0.1245 0.1700 7  
## 1469 M 0.520 0.400 0.125 0.5590 0.2540 0.1390 0.1490 8  
## 1470 M 0.525 0.400 0.140 0.7205 0.3685 0.1450 0.1735 8  
## 1471 I 0.530 0.430 0.130 0.7045 0.3460 0.1415 0.1890 9  
## 1472 M 0.530 0.400 0.125 0.7575 0.3980 0.1510 0.1750 8  
## 1473 F 0.545 0.410 0.140 0.7405 0.3565 0.1775 0.2030 9  
## 1474 F 0.550 0.430 0.140 0.8400 0.3750 0.2180 0.1945 8  
## 1475 M 0.550 0.425 0.160 0.7930 0.3430 0.2035 0.2150 9  
## 1476 F 0.560 0.430 0.150 0.8745 0.4530 0.1610 0.2200 8  
## 1477 F 0.560 0.435 0.150 0.8715 0.4755 0.1835 0.1835 9  
## 1478 M 0.570 0.445 0.150 0.9875 0.5040 0.2070 0.2490 8  
## 1479 M 0.575 0.465 0.150 1.0800 0.5950 0.2065 0.2380 9  
## 1480 M 0.575 0.460 0.165 0.9155 0.4005 0.2465 0.2385 8  
## 1481 F 0.580 0.460 0.175 1.1650 0.6500 0.2205 0.3055 9  
## 1482 F 0.580 0.435 0.140 0.9530 0.4750 0.2165 0.2095 9  
## 1483 M 0.585 0.455 0.150 0.9060 0.4095 0.2300 0.2335 8  
## 1484 M 0.590 0.440 0.150 0.8725 0.3870 0.2150 0.2450 8  
## 1485 F 0.590 0.465 0.150 1.1510 0.6130 0.2390 0.2515 9  
## 1486 F 0.590 0.460 0.145 0.9905 0.4530 0.2205 0.2750 8  
## 1487 F 0.595 0.455 0.160 1.0400 0.4520 0.2655 0.2880 9  
## 1488 M 0.600 0.455 0.155 0.9450 0.4365 0.2085 0.2500 8  
## 1489 M 0.600 0.465 0.200 1.2590 0.6405 0.1985 0.3570 9  
## 1490 F 0.605 0.485 0.165 0.9515 0.4535 0.1930 0.2765 11  
## 1491 F 0.605 0.485 0.160 1.2010 0.4170 0.2875 0.3800 9  
## 1492 F 0.605 0.515 0.170 1.2890 0.6000 0.2945 0.3315 9  
## 1493 F 0.610 0.485 0.170 1.1005 0.5125 0.2290 0.3050 11  
## 1494 I 0.615 0.475 0.130 0.8425 0.3530 0.1915 0.2510 8  
## 1495 M 0.620 0.485 0.155 1.0490 0.4620 0.2310 0.2500 10  
## 1496 F 0.620 0.435 0.155 1.0120 0.4770 0.2360 0.2750 8  
## 1497 M 0.620 0.480 0.165 1.0725 0.4815 0.2350 0.3120 9  
## 1498 M 0.625 0.520 0.175 1.4105 0.6910 0.3220 0.3465 10  
## 1499 M 0.625 0.470 0.180 1.1360 0.4510 0.3245 0.3050 11  
## 1500 M 0.630 0.470 0.145 1.1005 0.5200 0.2600 0.2760 9  
## 1501 F 0.630 0.500 0.175 1.1105 0.4670 0.2680 0.3290 10  
## 1502 M 0.630 0.455 0.150 1.1315 0.4810 0.2745 0.3050 9  
## 1503 M 0.630 0.480 0.150 1.2710 0.6605 0.2425 0.3100 11  
## 1504 F 0.630 0.490 0.225 1.3360 0.6805 0.2590 0.3245 10  
## 1505 F 0.635 0.505 0.145 1.1345 0.5050 0.2655 0.3150 10  
## 1506 M 0.635 0.510 0.185 1.3080 0.5440 0.3180 0.3770 8  
## 1507 F 0.640 0.515 0.205 1.5335 0.6635 0.3345 0.4025 9  
## 1508 F 0.645 0.515 0.175 1.5460 0.7035 0.3650 0.4150 10  
## 1509 M 0.645 0.510 0.155 1.5390 0.6405 0.3585 0.4300 11  
## 1510 F 0.645 0.505 0.165 1.3180 0.5500 0.3015 0.3350 11  
## 1511 F 0.650 0.545 0.175 1.5245 0.5900 0.3260 0.4950 10  
## 1512 M 0.650 0.515 0.175 1.4660 0.6770 0.3045 0.4000 10  
## 1513 F 0.650 0.500 0.160 1.3825 0.7020 0.3040 0.3195 9  
## 1514 M 0.650 0.485 0.140 1.1750 0.4750 0.2435 0.2150 8  
## 1515 F 0.655 0.540 0.215 1.5555 0.6950 0.2960 0.4440 11  
## 1516 M 0.655 0.510 0.215 1.7835 0.8885 0.4095 0.4195 11  
## 1517 M 0.660 0.505 0.165 1.3740 0.5890 0.3510 0.3450 10  
## 1518 F 0.665 0.515 0.180 1.3890 0.5945 0.3240 0.3950 10  
## 1519 M 0.670 0.545 0.200 1.7025 0.8330 0.3740 0.4100 11  
## 1520 M 0.670 0.510 0.175 1.5265 0.6510 0.4475 0.3450 10  
## 1521 M 0.670 0.500 0.190 1.5190 0.6160 0.3880 0.4150 10  
## 1522 F 0.680 0.500 0.185 1.7410 0.7665 0.3255 0.4685 12  
## 1523 M 0.680 0.515 0.170 1.6115 0.8415 0.3060 0.3950 11  
## 1524 M 0.690 0.525 0.200 1.7825 0.9165 0.3325 0.4610 12  
## 1525 F 0.700 0.550 0.170 1.6840 0.7535 0.3265 0.3200 11  
## 1526 M 0.700 0.555 0.200 1.8580 0.7300 0.3665 0.5950 11  
## 1527 M 0.705 0.560 0.165 1.6750 0.7970 0.4095 0.3880 10  
## 1528 M 0.720 0.565 0.200 2.1055 1.0170 0.3630 0.4940 12  
## 1529 M 0.725 0.575 0.240 2.2100 1.3510 0.4130 0.5015 13  
## 1530 M 0.740 0.570 0.180 1.8725 0.9115 0.4270 0.4460 10  
## 1531 M 0.750 0.550 0.180 1.8930 0.9420 0.3970 0.4450 11  
## 1532 I 0.210 0.170 0.045 0.0475 0.0190 0.0110 0.0130 5  
## 1533 I 0.285 0.210 0.055 0.1010 0.0415 0.0170 0.0335 5  
## 1534 I 0.295 0.215 0.070 0.1210 0.0470 0.0155 0.0405 6  
## 1535 I 0.300 0.230 0.085 0.1170 0.0500 0.0175 0.0415 6  
## 1536 I 0.305 0.225 0.090 0.1465 0.0630 0.0340 0.0415 6  
## 1537 I 0.335 0.255 0.080 0.1680 0.0790 0.0355 0.0500 5  
## 1538 I 0.350 0.260 0.075 0.1800 0.0900 0.0245 0.0550 5  
## 1539 I 0.355 0.270 0.075 0.1775 0.0790 0.0315 0.0540 6  
## 1540 I 0.355 0.260 0.090 0.1985 0.0715 0.0495 0.0580 7  
## 1541 I 0.360 0.270 0.095 0.2000 0.0730 0.0560 0.0610 8  
## 1542 I 0.360 0.275 0.075 0.2205 0.0985 0.0440 0.0660 7  
## 1543 I 0.360 0.265 0.075 0.1845 0.0830 0.0365 0.0550 7  
## 1544 I 0.365 0.270 0.085 0.2225 0.0935 0.0525 0.0660 7  
## 1545 I 0.370 0.270 0.095 0.2175 0.0970 0.0460 0.0650 6  
## 1546 I 0.375 0.280 0.080 0.2165 0.0935 0.0925 0.0700 7  
## 1547 I 0.380 0.285 0.095 0.2430 0.0895 0.0665 0.0750 7  
## 1548 I 0.380 0.290 0.100 0.2370 0.1080 0.0395 0.0820 6  
## 1549 I 0.385 0.290 0.090 0.2365 0.1000 0.0505 0.0760 8  
## 1550 I 0.385 0.280 0.095 0.2570 0.1190 0.0590 0.0700 7  
## 1551 I 0.385 0.300 0.090 0.3080 0.1525 0.0560 0.0835 8  
## 1552 I 0.390 0.300 0.090 0.2520 0.1065 0.0530 0.0800 7  
## 1553 I 0.390 0.285 0.100 0.2810 0.1275 0.0620 0.0770 7  
## 1554 I 0.390 0.290 0.100 0.2225 0.0950 0.0465 0.0730 7  
## 1555 I 0.410 0.300 0.090 0.3040 0.1290 0.0710 0.0955 8  
## 1556 I 0.410 0.300 0.090 0.2800 0.1410 0.0575 0.0750 8  
## 1557 I 0.415 0.325 0.100 0.3130 0.1390 0.0625 0.0965 7  
## 1558 I 0.425 0.325 0.110 0.3170 0.1350 0.0480 0.0900 8  
## 1559 I 0.425 0.315 0.080 0.3030 0.1310 0.0585 0.0950 7  
## 1560 I 0.435 0.335 0.100 0.3295 0.1290 0.0700 0.1100 7  
## 1561 I 0.435 0.325 0.110 0.3670 0.1595 0.0800 0.1050 6  
## 1562 I 0.450 0.340 0.095 0.3245 0.1385 0.0640 0.1050 8  
## 1563 I 0.450 0.335 0.110 0.4195 0.1810 0.0850 0.1345 7  
## 1564 I 0.455 0.360 0.115 0.4570 0.2085 0.0855 0.1470 10  
## 1565 I 0.460 0.350 0.110 0.4000 0.1760 0.0830 0.1205 7  
## 1566 I 0.460 0.355 0.110 0.4255 0.2015 0.0810 0.1300 7  
## 1567 I 0.465 0.370 0.120 0.4365 0.1880 0.0815 0.1470 9  
## 1568 I 0.465 0.345 0.110 0.3930 0.1825 0.0735 0.1200 8  
## 1569 I 0.470 0.355 0.125 0.4990 0.2100 0.0985 0.1550 8  
## 1570 I 0.475 0.360 0.145 0.6325 0.2825 0.1370 0.1900 8  
## 1571 M 0.475 0.360 0.100 0.4285 0.1965 0.0990 0.1120 7  
## 1572 I 0.475 0.360 0.125 0.4905 0.2050 0.1305 0.1250 8  
## 1573 I 0.480 0.370 0.125 0.4740 0.1790 0.1035 0.1750 9  
## 1574 I 0.480 0.370 0.120 0.5360 0.2510 0.1140 0.1500 8  
## 1575 M 0.480 0.355 0.160 0.4640 0.2210 0.1060 0.2390 8  
## 1576 I 0.485 0.375 0.130 0.6025 0.2935 0.1285 0.1600 7  
## 1577 I 0.490 0.375 0.115 0.4615 0.2040 0.0945 0.1430 8  
## 1578 I 0.490 0.400 0.135 0.6240 0.3035 0.1285 0.1690 8  
## 1579 I 0.495 0.370 0.125 0.4715 0.2075 0.0910 0.1500 8  
## 1580 I 0.495 0.400 0.105 0.6020 0.2505 0.1265 0.1900 8  
## 1581 I 0.500 0.400 0.120 0.6160 0.2610 0.1430 0.1935 8  
## 1582 I 0.500 0.390 0.120 0.5955 0.2455 0.1470 0.1730 8  
## 1583 I 0.500 0.375 0.140 0.5590 0.2375 0.1350 0.1690 9  
## 1584 I 0.510 0.395 0.130 0.6025 0.2810 0.1430 0.1620 7  
## 1585 F 0.515 0.375 0.110 0.6065 0.3005 0.1310 0.1500 6  
## 1586 I 0.515 0.360 0.125 0.4725 0.1815 0.1250 0.1380 9  
## 1587 I 0.515 0.350 0.105 0.4745 0.2130 0.1230 0.1275 10  
## 1588 I 0.515 0.395 0.125 0.6635 0.3200 0.1400 0.1700 8  
## 1589 I 0.515 0.390 0.125 0.5705 0.2380 0.1265 0.1850 8  
## 1590 I 0.520 0.410 0.145 0.6460 0.2965 0.1595 0.1650 9  
## 1591 I 0.520 0.390 0.130 0.5545 0.2355 0.1095 0.1895 7  
## 1592 M 0.525 0.415 0.145 0.8450 0.3525 0.1635 0.2875 8  
## 1593 I 0.525 0.390 0.120 0.6640 0.3115 0.1470 0.1780 9  
## 1594 I 0.525 0.380 0.135 0.6150 0.2610 0.1590 0.1750 8  
## 1595 I 0.525 0.400 0.140 0.6540 0.3050 0.1600 0.1690 7  
## 1596 M 0.525 0.400 0.155 0.7070 0.2820 0.1605 0.2250 9  
## 1597 I 0.530 0.420 0.120 0.5965 0.2555 0.1410 0.1770 7  
## 1598 I 0.530 0.430 0.135 0.6255 0.2450 0.1455 0.2135 10  
## 1599 I 0.530 0.400 0.145 0.5550 0.1935 0.1305 0.1950 9  
## 1600 I 0.530 0.420 0.130 0.8365 0.3745 0.1670 0.2490 11  
## 1601 I 0.535 0.400 0.130 0.6570 0.2835 0.1620 0.1750 7  
## 1602 I 0.540 0.430 0.170 0.8360 0.3725 0.1815 0.2400 9  
## 1603 I 0.540 0.425 0.140 0.7420 0.3200 0.1395 0.2500 9  
## 1604 I 0.540 0.430 0.140 0.8195 0.3935 0.1725 0.2295 9  
## 1605 M 0.540 0.455 0.140 0.9720 0.4190 0.2550 0.2690 10  
## 1606 I 0.540 0.420 0.140 0.6275 0.2505 0.1175 0.2350 9  
## 1607 I 0.540 0.425 0.130 0.7205 0.2955 0.1690 0.2250 10  
## 1608 I 0.540 0.425 0.135 0.6860 0.3475 0.1545 0.2130 8  
## 1609 I 0.545 0.400 0.130 0.6860 0.3285 0.1455 0.1800 9  
## 1610 I 0.545 0.375 0.120 0.5430 0.2375 0.1155 0.1725 8  
## 1611 I 0.545 0.420 0.125 0.7170 0.3580 0.1120 0.2200 8  
## 1612 M 0.550 0.435 0.140 0.7625 0.3270 0.1685 0.2590 10  
## 1613 I 0.550 0.425 0.150 0.6390 0.2690 0.1345 0.2170 9  
## 1614 I 0.550 0.420 0.135 0.8160 0.3995 0.1485 0.2300 12  
## 1615 I 0.550 0.415 0.145 0.7815 0.3730 0.1600 0.2215 8  
## 1616 I 0.550 0.425 0.150 0.7665 0.3390 0.1760 0.2100 8  
## 1617 I 0.555 0.395 0.130 0.5585 0.2220 0.1245 0.1700 9  
## 1618 I 0.555 0.435 0.140 0.7650 0.3945 0.1500 0.2060 8  
## 1619 I 0.555 0.460 0.145 0.9005 0.3845 0.1580 0.2765 11  
## 1620 I 0.560 0.445 0.150 0.8225 0.3685 0.1870 0.2360 10  
## 1621 I 0.560 0.440 0.130 0.7235 0.3490 0.1490 0.2000 8  
## 1622 M 0.560 0.425 0.135 0.8490 0.3265 0.2210 0.2645 10  
## 1623 I 0.565 0.420 0.155 0.7430 0.3100 0.1860 0.2310 9  
## 1624 F 0.565 0.440 0.150 0.8630 0.4350 0.1490 0.2700 9  
## 1625 M 0.565 0.440 0.125 0.8020 0.3595 0.1825 0.2150 9  
## 1626 M 0.565 0.430 0.150 0.8310 0.4245 0.1735 0.2190 10  
## 1627 F 0.570 0.450 0.135 0.7805 0.3345 0.1850 0.2100 8  
## 1628 M 0.570 0.450 0.140 0.7950 0.3385 0.1480 0.2450 9  
## 1629 I 0.570 0.435 0.170 0.8480 0.4000 0.1660 0.2500 9  
## 1630 I 0.570 0.430 0.145 0.8330 0.3540 0.1440 0.2815 10  
## 1631 I 0.570 0.445 0.155 0.8670 0.3705 0.1705 0.2800 9  
## 1632 I 0.570 0.445 0.145 0.7405 0.3060 0.1720 0.1825 12  
## 1633 M 0.575 0.455 0.165 0.8670 0.3765 0.1805 0.2680 8  
## 1634 I 0.575 0.425 0.135 0.7965 0.3640 0.1960 0.2390 10  
## 1635 F 0.575 0.470 0.155 1.1160 0.5090 0.2380 0.3400 10  
## 1636 I 0.575 0.450 0.125 0.7800 0.3275 0.1880 0.2350 9  
## 1637 M 0.575 0.470 0.185 0.9850 0.3745 0.2175 0.3550 10  
## 1638 F 0.575 0.465 0.195 0.9965 0.4170 0.2470 0.4700 8  
## 1639 I 0.575 0.445 0.170 0.8015 0.3475 0.1465 0.2500 9  
## 1640 I 0.575 0.450 0.135 0.8070 0.3615 0.1760 0.2540 10  
## 1641 F 0.575 0.435 0.150 1.0305 0.4605 0.2180 0.3600 8  
## 1642 M 0.575 0.445 0.160 0.8390 0.4005 0.1980 0.2390 9  
## 1643 M 0.575 0.440 0.160 0.9615 0.4830 0.1660 0.2750 13  
## 1644 F 0.580 0.435 0.150 0.8340 0.4280 0.1515 0.2300 8  
## 1645 M 0.580 0.460 0.155 1.0335 0.4690 0.2225 0.2950 10  
## 1646 M 0.580 0.430 0.130 0.7980 0.3650 0.1730 0.2285 10  
## 1647 I 0.580 0.445 0.125 0.7095 0.3030 0.1405 0.2350 9  
## 1648 F 0.585 0.445 0.140 0.9130 0.4305 0.2205 0.2530 10  
## 1649 M 0.590 0.490 0.165 1.2070 0.5590 0.2350 0.3090 10  
## 1650 I 0.590 0.450 0.145 1.0220 0.4280 0.2680 0.2650 10  
## 1651 I 0.590 0.460 0.145 0.9015 0.4190 0.1785 0.2600 11  
## 1652 F 0.595 0.435 0.150 0.9000 0.4175 0.1700 0.2650 8  
## 1653 M 0.595 0.450 0.140 0.8380 0.3965 0.1940 0.2170 10  
## 1654 M 0.595 0.450 0.145 0.9590 0.4630 0.2065 0.2535 10  
## 1655 I 0.595 0.460 0.150 0.8335 0.3770 0.1925 0.2350 8  
## 1656 F 0.600 0.460 0.155 0.9735 0.4270 0.2045 0.3000 8  
## 1657 F 0.600 0.475 0.150 1.1300 0.5750 0.1960 0.3050 9  
## 1658 M 0.600 0.480 0.165 0.9165 0.4135 0.1965 0.2725 9  
## 1659 I 0.600 0.480 0.170 0.9175 0.3800 0.2225 0.2900 8  
## 1660 F 0.600 0.480 0.180 1.0645 0.4495 0.2455 0.3250 10  
## 1661 M 0.600 0.470 0.165 1.0590 0.5040 0.2410 0.2750 9  
## 1662 M 0.600 0.470 0.160 1.1940 0.5625 0.3045 0.2635 10  
## 1663 F 0.605 0.455 0.145 0.9775 0.4680 0.1775 0.2750 9  
## 1664 M 0.605 0.475 0.145 0.8840 0.3835 0.1905 0.2700 8  
## 1665 I 0.605 0.470 0.145 0.8025 0.3790 0.2265 0.2200 9  
## 1666 F 0.605 0.480 0.140 0.9910 0.4735 0.2345 0.2400 8  
## 1667 F 0.605 0.470 0.155 0.9740 0.3930 0.2240 0.3345 9  
## 1668 F 0.605 0.505 0.180 1.4340 0.7285 0.2640 0.4310 11  
## 1669 M 0.610 0.475 0.155 0.9830 0.4565 0.2280 0.2660 10  
## 1670 F 0.610 0.465 0.160 1.0725 0.4835 0.2515 0.2800 10  
## 1671 F 0.610 0.485 0.150 1.2405 0.6025 0.2915 0.3085 12  
## 1672 M 0.610 0.470 0.160 1.0220 0.4490 0.2345 0.2945 9  
## 1673 F 0.610 0.475 0.160 1.1155 0.3835 0.2230 0.3790 10  
## 1674 I 0.610 0.465 0.125 0.9225 0.4360 0.1900 0.2600 9  
## 1675 M 0.610 0.470 0.170 1.1185 0.5225 0.2405 0.3100 9  
## 1676 F 0.610 0.485 0.180 1.2795 0.5735 0.2855 0.3550 7  
## 1677 M 0.615 0.470 0.160 1.0175 0.4730 0.2395 0.2800 10  
## 1678 M 0.615 0.475 0.175 1.2240 0.6035 0.2610 0.3110 9  
## 1679 I 0.620 0.485 0.180 1.1540 0.4935 0.2560 0.3150 12  
## 1680 F 0.620 0.515 0.155 1.3255 0.6685 0.2605 0.3350 12  
## 1681 M 0.620 0.515 0.175 1.2210 0.5350 0.2410 0.3950 13  
## 1682 F 0.620 0.540 0.165 1.1390 0.4995 0.2435 0.3570 11  
## 1683 I 0.620 0.490 0.160 1.0660 0.4460 0.2460 0.3050 11  
## 1684 F 0.620 0.480 0.180 1.2215 0.5820 0.2695 0.3130 12  
## 1685 I 0.620 0.470 0.140 0.8565 0.3595 0.1600 0.2950 9  
## 1686 I 0.620 0.450 0.135 0.9240 0.3580 0.2265 0.2965 10  
## 1687 M 0.620 0.480 0.150 1.2660 0.6285 0.2575 0.3090 12  
## 1688 F 0.620 0.480 0.175 1.0405 0.4640 0.2225 0.3000 9  
## 1689 M 0.625 0.490 0.165 1.1165 0.4895 0.2615 0.3325 11  
## 1690 M 0.625 0.475 0.160 1.0845 0.5005 0.2355 0.3105 10  
## 1691 M 0.625 0.500 0.170 1.0985 0.4645 0.2200 0.3540 9  
## 1692 I 0.625 0.470 0.155 1.1955 0.6430 0.2055 0.3145 12  
## 1693 F 0.625 0.485 0.175 1.3620 0.6765 0.2615 0.3705 10  
## 1694 I 0.625 0.485 0.150 1.0440 0.4380 0.2865 0.2780 9  
## 1695 M 0.630 0.505 0.170 1.0915 0.4615 0.2660 0.3000 9  
## 1696 F 0.630 0.500 0.180 1.1965 0.5140 0.2325 0.3995 8  
## 1697 M 0.630 0.490 0.170 1.1745 0.5255 0.2730 0.3390 11  
## 1698 M 0.630 0.485 0.165 1.2330 0.6565 0.2315 0.3035 10  
## 1699 M 0.630 0.495 0.175 1.2695 0.6050 0.2710 0.3280 11  
## 1700 I 0.635 0.500 0.165 1.4890 0.7150 0.3445 0.3615 13  
## 1701 M 0.635 0.500 0.170 1.4345 0.6110 0.3090 0.4180 12  
## 1702 F 0.635 0.490 0.175 1.2435 0.5805 0.3130 0.3050 10  
## 1703 F 0.635 0.490 0.170 1.2615 0.5385 0.2665 0.3800 9  
## 1704 F 0.640 0.505 0.165 1.2235 0.5215 0.2695 0.3600 10  
## 1705 M 0.640 0.515 0.180 1.2470 0.5475 0.2925 0.3685 10  
## 1706 M 0.640 0.525 0.185 1.7070 0.7630 0.4205 0.4435 11  
## 1707 M 0.645 0.505 0.150 1.1605 0.5190 0.2615 0.3350 10  
## 1708 M 0.645 0.500 0.175 1.2860 0.5645 0.2880 0.3860 12  
## 1709 M 0.645 0.500 0.190 1.5595 0.7410 0.3715 0.3845 14  
## 1710 M 0.645 0.510 0.190 1.4745 0.6050 0.3450 0.4800 9  
## 1711 M 0.645 0.510 0.195 1.2260 0.5885 0.2215 0.3745 10  
## 1712 M 0.645 0.510 0.160 1.3300 0.6665 0.3090 0.3170 9  
## 1713 F 0.645 0.510 0.160 1.2415 0.5815 0.2760 0.3150 9  
## 1714 M 0.645 0.500 0.175 1.3375 0.5540 0.3080 0.4150 10  
## 1715 F 0.645 0.510 0.190 1.3630 0.5730 0.3620 0.3600 10  
## 1716 M 0.645 0.485 0.150 1.2215 0.5695 0.2735 0.3300 9  
## 1717 F 0.645 0.480 0.190 1.3710 0.6925 0.2905 0.3500 12  
## 1718 F 0.650 0.495 0.155 1.3370 0.6150 0.3195 0.3350 9  
## 1719 M 0.650 0.505 0.190 1.2740 0.5900 0.2300 0.3910 11  
## 1720 M 0.650 0.525 0.185 1.4880 0.6650 0.3370 0.3780 11  
## 1721 M 0.650 0.510 0.160 1.3835 0.6385 0.2905 0.3665 9  
## 1722 M 0.655 0.550 0.180 1.2740 0.5860 0.2810 0.3650 10  
## 1723 F 0.655 0.510 0.150 1.0430 0.4795 0.2230 0.3050 9  
## 1724 F 0.655 0.505 0.190 1.3485 0.5935 0.2745 0.4250 12  
## 1725 F 0.655 0.505 0.195 1.4405 0.6880 0.3805 0.3630 11  
## 1726 M 0.660 0.500 0.165 1.3195 0.6670 0.2690 0.3410 9  
## 1727 F 0.660 0.535 0.175 1.5175 0.7110 0.3125 0.4150 12  
## 1728 M 0.660 0.530 0.195 1.5505 0.6505 0.3295 0.4950 10  
## 1729 M 0.660 0.510 0.165 1.6375 0.7685 0.3545 0.3925 14  
## 1730 M 0.665 0.525 0.175 1.4430 0.6635 0.3845 0.3530 11  
## 1731 M 0.665 0.505 0.160 1.2890 0.6145 0.2530 0.3665 11  
## 1732 F 0.665 0.505 0.160 1.2915 0.6310 0.2925 0.3200 11  
## 1733 M 0.665 0.520 0.175 1.3725 0.6060 0.3200 0.3950 12  
## 1734 M 0.665 0.500 0.175 1.2975 0.6075 0.3140 0.3150 9  
## 1735 M 0.670 0.505 0.160 1.2585 0.6255 0.3110 0.3080 12  
## 1736 M 0.670 0.520 0.165 1.3900 0.7110 0.2865 0.3000 11  
## 1737 F 0.670 0.520 0.190 1.3200 0.5235 0.3095 0.4275 13  
## 1738 F 0.670 0.550 0.155 1.5660 0.8580 0.3390 0.3540 10  
## 1739 F 0.670 0.540 0.195 1.6190 0.7400 0.3305 0.4650 11  
## 1740 M 0.675 0.525 0.160 1.2835 0.5720 0.2755 0.3545 13  
## 1741 F 0.675 0.510 0.195 1.3820 0.6045 0.3175 0.3965 10  
## 1742 M 0.680 0.520 0.195 1.4535 0.5920 0.3910 0.4125 10  
## 1743 F 0.680 0.510 0.200 1.6075 0.7140 0.3390 0.4705 11  
## 1744 M 0.685 0.520 0.150 1.3735 0.7185 0.2930 0.3200 11  
## 1745 F 0.685 0.565 0.175 1.6380 0.7775 0.3750 0.4380 11  
## 1746 F 0.690 0.550 0.200 1.5690 0.6870 0.3675 0.4600 12  
## 1747 M 0.700 0.565 0.175 1.8565 0.8445 0.3935 0.5400 10  
## 1748 F 0.700 0.535 0.175 1.7730 0.6805 0.4800 0.5120 15  
## 1749 F 0.705 0.545 0.170 1.5800 0.6435 0.4565 0.2650 11  
## 1750 M 0.710 0.575 0.215 2.0090 0.9895 0.4475 0.5020 11  
## 1751 F 0.710 0.570 0.195 1.9805 0.9925 0.4925 0.4800 12  
## 1752 F 0.710 0.540 0.205 1.5805 0.8020 0.2870 0.4350 10  
## 1753 M 0.710 0.560 0.220 2.0150 0.9215 0.4540 0.5660 11  
## 1754 M 0.720 0.570 0.200 1.8275 0.9190 0.3660 0.4850 10  
## 1755 M 0.720 0.550 0.205 2.1250 1.1455 0.4425 0.5110 13  
## 1756 F 0.720 0.525 0.180 1.4450 0.6310 0.3215 0.4350 7  
## 1757 F 0.725 0.565 0.210 2.1425 1.0300 0.4870 0.5030 14  
## 1758 F 0.730 0.560 0.190 1.9425 0.7990 0.5195 0.5655 11  
## 1759 M 0.735 0.590 0.215 1.7470 0.7275 0.4030 0.5570 11  
## 1760 F 0.740 0.565 0.205 2.1190 0.9655 0.5185 0.4820 12  
## 1761 F 0.750 0.565 0.215 1.9380 0.7735 0.4825 0.5750 11  
## 1762 M 0.750 0.595 0.205 2.2205 1.0830 0.4210 0.6300 12  
## 1763 M 0.770 0.620 0.195 2.5155 1.1155 0.6415 0.6420 12  
## 1764 M 0.775 0.630 0.250 2.7795 1.3485 0.7600 0.5780 12  
## 1765 I 0.275 0.175 0.090 0.2315 0.0960 0.0570 0.0705 5  
## 1766 I 0.375 0.245 0.100 0.3940 0.1660 0.0910 0.1125 6  
## 1767 F 0.375 0.270 0.135 0.5970 0.2720 0.1310 0.1675 7  
## 1768 M 0.390 0.280 0.125 0.5640 0.3035 0.0955 0.1430 7  
## 1769 I 0.435 0.300 0.120 0.5965 0.2590 0.1390 0.1645 8  
## 1770 M 0.445 0.320 0.120 0.4140 0.1990 0.0900 0.1170 7  
## 1771 I 0.455 0.335 0.105 0.4220 0.2290 0.0865 0.1000 6  
## 1772 I 0.455 0.325 0.135 0.8200 0.4005 0.1715 0.2110 8  
## 1773 I 0.455 0.345 0.110 0.4340 0.2070 0.0855 0.1215 8  
## 1774 I 0.465 0.325 0.140 0.7615 0.3620 0.1535 0.2090 10  
## 1775 M 0.465 0.360 0.115 0.5795 0.2950 0.1395 0.1200 7  
## 1776 I 0.485 0.365 0.105 0.5205 0.1950 0.1230 0.1820 8  
## 1777 M 0.485 0.370 0.155 0.9680 0.4190 0.2455 0.2365 9  
## 1778 I 0.485 0.345 0.160 0.8690 0.3085 0.1850 0.3190 9  
## 1779 F 0.490 0.355 0.160 0.8795 0.3485 0.2150 0.2825 8  
## 1780 M 0.500 0.370 0.150 1.0615 0.4940 0.2230 0.2960 9  
## 1781 M 0.515 0.350 0.155 0.9225 0.4185 0.1980 0.2730 9  
## 1782 M 0.515 0.395 0.135 1.0070 0.4720 0.2495 0.2520 8  
## 1783 M 0.525 0.365 0.170 0.9605 0.4380 0.2225 0.2760 10  
## 1784 M 0.525 0.380 0.125 0.6500 0.3030 0.1550 0.1590 7  
## 1785 M 0.530 0.410 0.140 0.7545 0.3495 0.1715 0.2105 8  
## 1786 F 0.535 0.425 0.135 0.7710 0.3765 0.1815 0.1795 8  
## 1787 I 0.535 0.385 0.180 1.0835 0.4955 0.2295 0.3040 8  
## 1788 I 0.545 0.420 0.165 0.8935 0.4235 0.2195 0.2280 8  
## 1789 F 0.545 0.415 0.200 1.3580 0.5670 0.3180 0.4030 10  
## 1790 F 0.545 0.385 0.150 1.1185 0.5425 0.2445 0.2845 9  
## 1791 F 0.550 0.380 0.165 1.2050 0.5430 0.2940 0.3345 10  
## 1792 M 0.550 0.420 0.160 1.3405 0.6325 0.3110 0.3440 10  
## 1793 M 0.570 0.455 0.175 1.0200 0.4805 0.2145 0.2900 9  
## 1794 M 0.575 0.440 0.185 1.0250 0.5075 0.2245 0.2485 10  
## 1795 I 0.575 0.450 0.130 0.8145 0.4030 0.1715 0.2130 10  
## 1796 F 0.580 0.430 0.170 1.4800 0.6535 0.3240 0.4155 10  
## 1797 M 0.585 0.455 0.145 0.9530 0.3945 0.2685 0.2580 10  
## 1798 I 0.585 0.450 0.150 0.8915 0.3975 0.2035 0.2530 8  
## 1799 M 0.600 0.495 0.175 1.3005 0.6195 0.2840 0.3285 11  
## 1800 M 0.600 0.465 0.165 1.0380 0.4975 0.2205 0.2510 9  
## 1801 M 0.605 0.475 0.175 1.2525 0.5575 0.3055 0.3430 9  
## 1802 M 0.605 0.475 0.150 1.1500 0.5750 0.2320 0.2970 10  
## 1803 F 0.610 0.475 0.150 1.1135 0.5195 0.2575 0.3005 11  
## 1804 F 0.615 0.455 0.145 1.1155 0.5045 0.2380 0.3150 10  
## 1805 M 0.620 0.470 0.145 1.0865 0.5110 0.2715 0.2565 10  
## 1806 M 0.625 0.495 0.175 1.2540 0.5815 0.2860 0.3185 9  
## 1807 M 0.625 0.490 0.185 1.1690 0.5275 0.2535 0.3440 11  
## 1808 M 0.635 0.495 0.195 1.1720 0.4450 0.3115 0.3475 11  
## 1809 F 0.635 0.475 0.150 1.1845 0.5330 0.3070 0.2910 10  
## 1810 F 0.640 0.475 0.140 1.0725 0.4895 0.2295 0.3100 8  
## 1811 M 0.645 0.500 0.160 1.3815 0.6720 0.3260 0.3150 9  
## 1812 M 0.650 0.525 0.190 1.6125 0.7770 0.3685 0.3965 11  
## 1813 M 0.650 0.485 0.160 1.7395 0.5715 0.2785 0.3075 10  
## 1814 F 0.655 0.520 0.200 1.5475 0.7130 0.3140 0.4660 9  
## 1815 M 0.655 0.545 0.190 1.4245 0.6325 0.3330 0.3780 10  
## 1816 F 0.665 0.515 0.185 1.3405 0.5595 0.2930 0.4375 11  
## 1817 F 0.675 0.530 0.175 1.4465 0.6775 0.3300 0.3890 10  
## 1818 F 0.685 0.535 0.175 1.5845 0.7175 0.3775 0.4215 9  
## 1819 F 0.695 0.550 0.185 1.6790 0.8050 0.4015 0.3965 10  
## 1820 M 0.695 0.530 0.190 1.7260 0.7625 0.4360 0.4550 11  
## 1821 F 0.705 0.545 0.180 1.5395 0.6075 0.3675 0.4645 13  
## 1822 F 0.720 0.550 0.195 2.0730 1.0715 0.4265 0.5015 9  
## 1823 M 0.720 0.560 0.180 1.5865 0.6910 0.3750 0.4425 11  
## 1824 M 0.730 0.575 0.210 2.0690 0.9285 0.4090 0.6430 11  
## 1825 I 0.185 0.135 0.040 0.0270 0.0105 0.0055 0.0090 5  
## 1826 I 0.240 0.180 0.055 0.0555 0.0235 0.0130 0.0180 4  
## 1827 I 0.310 0.215 0.075 0.1275 0.0565 0.0275 0.0360 7  
## 1828 I 0.340 0.260 0.085 0.1885 0.0815 0.0335 0.0600 6  
## 1829 I 0.350 0.265 0.080 0.2000 0.0900 0.0420 0.0600 7  
## 1830 I 0.365 0.270 0.085 0.1970 0.0815 0.0325 0.0650 6  
## 1831 I 0.365 0.275 0.085 0.2230 0.0980 0.0375 0.0750 7  
## 1832 I 0.365 0.270 0.075 0.2215 0.0950 0.0445 0.0700 6  
## 1833 I 0.390 0.310 0.105 0.2665 0.1185 0.0525 0.0810 8  
## 1834 I 0.405 0.300 0.090 0.2690 0.1030 0.0670 0.1100 6  
## 1835 I 0.410 0.315 0.095 0.2805 0.1140 0.0345 0.1100 7  
## 1836 I 0.410 0.335 0.105 0.3305 0.1405 0.0640 0.1050 7  
## 1837 I 0.415 0.310 0.090 0.2815 0.1245 0.0615 0.0850 6  
## 1838 I 0.415 0.310 0.100 0.2805 0.1140 0.0565 0.0975 6  
## 1839 I 0.415 0.310 0.095 0.3110 0.1125 0.0625 0.1150 8  
## 1840 I 0.420 0.325 0.100 0.3680 0.1675 0.0625 0.1135 11  
## 1841 I 0.430 0.340 0.100 0.3405 0.1395 0.0665 0.1200 8  
## 1842 I 0.435 0.335 0.100 0.3245 0.1350 0.0785 0.0980 7  
## 1843 I 0.435 0.330 0.110 0.3800 0.1515 0.0945 0.1100 7  
## 1844 I 0.435 0.330 0.105 0.3350 0.1560 0.0555 0.1050 8  
## 1845 I 0.435 0.345 0.120 0.3215 0.1300 0.0560 0.1185 7  
## 1846 I 0.445 0.330 0.110 0.3580 0.1525 0.0670 0.1185 8  
## 1847 I 0.465 0.370 0.110 0.4450 0.1635 0.0960 0.1660 7  
## 1848 I 0.470 0.375 0.120 0.4870 0.1960 0.0990 0.1350 8  
## 1849 I 0.475 0.340 0.105 0.4535 0.2030 0.0800 0.1465 9  
## 1850 I 0.485 0.385 0.130 0.5680 0.2505 0.1780 0.1540 7  
## 1851 I 0.485 0.360 0.120 0.5155 0.2465 0.1025 0.1470 8  
## 1852 I 0.485 0.370 0.115 0.4570 0.1885 0.0965 0.1500 9  
## 1853 I 0.495 0.380 0.135 0.5095 0.2065 0.1165 0.1650 8  
## 1854 I 0.495 0.380 0.145 0.5000 0.2050 0.1480 0.1505 8  
## 1855 I 0.495 0.375 0.140 0.4940 0.1810 0.0975 0.1910 8  
## 1856 I 0.500 0.380 0.110 0.5605 0.2800 0.1060 0.1500 9  
## 1857 I 0.505 0.405 0.130 0.5990 0.2245 0.1175 0.2250 11  
## 1858 I 0.505 0.400 0.145 0.7045 0.3340 0.1425 0.2070 8  
## 1859 F 0.510 0.400 0.120 0.7005 0.3470 0.1105 0.1950 10  
## 1860 I 0.515 0.415 0.135 0.7125 0.2850 0.1520 0.2450 10  
## 1861 I 0.515 0.420 0.150 0.6725 0.2555 0.1335 0.2350 10  
## 1862 M 0.515 0.385 0.110 0.5785 0.2530 0.1600 0.1400 8  
## 1863 I 0.520 0.410 0.110 0.5185 0.2165 0.0915 0.1840 8  
## 1864 I 0.520 0.415 0.140 0.6375 0.3080 0.1335 0.1680 9  
## 1865 I 0.520 0.395 0.125 0.5805 0.2445 0.1460 0.1650 9  
## 1866 I 0.520 0.380 0.115 0.6645 0.3285 0.1700 0.1425 7  
## 1867 I 0.520 0.385 0.115 0.5810 0.2555 0.1560 0.1430 10  
## 1868 I 0.525 0.415 0.120 0.5960 0.2805 0.1200 0.1695 9  
## 1869 I 0.525 0.405 0.145 0.6965 0.3045 0.1535 0.2100 8  
## 1870 I 0.525 0.400 0.145 0.6095 0.2480 0.1590 0.1750 9  
## 1871 I 0.530 0.430 0.140 0.6770 0.2980 0.0965 0.2300 8  
## 1872 I 0.530 0.430 0.160 0.7245 0.3210 0.1275 0.2400 9  
## 1873 I 0.530 0.395 0.130 0.5750 0.2470 0.1150 0.1830 9  
## 1874 I 0.530 0.405 0.120 0.6320 0.2715 0.1480 0.1875 9  
## 1875 I 0.535 0.455 0.140 1.0015 0.5300 0.1765 0.2440 9  
## 1876 F 0.540 0.425 0.160 0.9455 0.3675 0.2005 0.2950 9  
## 1877 I 0.540 0.395 0.135 0.6555 0.2705 0.1550 0.1920 9  
## 1878 I 0.540 0.390 0.125 0.6255 0.2525 0.1580 0.1900 8  
## 1879 I 0.545 0.425 0.140 0.8145 0.3050 0.2310 0.2440 10  
## 1880 I 0.545 0.430 0.140 0.6870 0.2615 0.1405 0.2500 9  
## 1881 I 0.550 0.435 0.140 0.7995 0.2950 0.1905 0.2380 10  
## 1882 I 0.550 0.450 0.130 0.8040 0.3375 0.1405 0.2300 6  
## 1883 M 0.555 0.435 0.140 0.7495 0.3410 0.1645 0.2140 8  
## 1884 M 0.555 0.410 0.125 0.5990 0.2345 0.1465 0.1940 8  
## 1885 M 0.555 0.400 0.130 0.7075 0.3320 0.1585 0.1800 7  
## 1886 I 0.555 0.450 0.175 0.7380 0.3040 0.1755 0.2200 9  
## 1887 M 0.555 0.455 0.135 0.8370 0.3820 0.1710 0.2350 9  
## 1888 I 0.560 0.445 0.165 0.8320 0.3455 0.1790 0.2790 9  
## 1889 F 0.565 0.445 0.125 0.8305 0.3135 0.1785 0.2300 11  
## 1890 M 0.565 0.415 0.125 0.6670 0.3020 0.1545 0.1850 7  
## 1891 M 0.565 0.455 0.155 0.9355 0.4210 0.1830 0.2600 11  
## 1892 I 0.565 0.435 0.145 0.8445 0.3975 0.1580 0.2550 9  
## 1893 M 0.565 0.450 0.160 0.8950 0.4150 0.1950 0.2460 9  
## 1894 I 0.565 0.460 0.155 0.8715 0.3755 0.2150 0.2500 10  
## 1895 M 0.570 0.460 0.155 1.0005 0.4540 0.2050 0.2650 11  
## 1896 M 0.570 0.455 0.155 0.8320 0.3585 0.1740 0.2770 11  
## 1897 M 0.570 0.440 0.175 0.9415 0.3805 0.2285 0.2830 9  
## 1898 M 0.570 0.415 0.130 0.8800 0.4275 0.1955 0.2380 13  
## 1899 F 0.570 0.440 0.120 0.8030 0.3820 0.1525 0.2340 9  
## 1900 M 0.575 0.450 0.130 0.7850 0.3180 0.1930 0.2265 9  
## 1901 M 0.575 0.450 0.155 0.9765 0.4950 0.2145 0.2350 9  
## 1902 M 0.575 0.435 0.135 0.9920 0.4320 0.2225 0.2390 10  
## 1903 M 0.575 0.455 0.155 1.0130 0.4685 0.2085 0.2950 11  
## 1904 M 0.575 0.445 0.145 0.8760 0.3795 0.1615 0.2700 10  
## 1905 F 0.575 0.465 0.175 1.0990 0.4735 0.2020 0.3500 9  
## 1906 I 0.575 0.450 0.135 0.8715 0.4500 0.1620 0.2250 10  
## 1907 I 0.575 0.450 0.135 0.8245 0.3375 0.2115 0.2390 11  
## 1908 F 0.575 0.430 0.155 0.7955 0.3485 0.1925 0.2200 9  
## 1909 M 0.575 0.475 0.145 0.8570 0.3665 0.1730 0.2690 9  
## 1910 F 0.580 0.450 0.195 0.8265 0.4035 0.1730 0.2250 9  
## 1911 F 0.580 0.500 0.165 0.9250 0.3700 0.1850 0.3005 10  
## 1912 M 0.580 0.440 0.150 1.0465 0.5180 0.2185 0.2795 10  
## 1913 I 0.580 0.440 0.145 0.7905 0.3525 0.1645 0.2420 10  
## 1914 M 0.580 0.440 0.160 0.8295 0.3365 0.2005 0.2485 9  
## 1915 M 0.595 0.455 0.150 0.8860 0.4315 0.2010 0.2230 10  
## 1916 F 0.600 0.470 0.135 0.9700 0.4655 0.1955 0.2640 11  
## 1917 M 0.600 0.460 0.170 1.1805 0.4560 0.3370 0.3290 11  
## 1918 M 0.600 0.475 0.150 0.9900 0.3860 0.2195 0.3105 10  
## 1919 F 0.600 0.465 0.160 1.1330 0.4660 0.2885 0.2980 11  
## 1920 I 0.605 0.490 0.165 1.0710 0.4820 0.1935 0.3520 10  
## 1921 F 0.605 0.455 0.145 0.8620 0.3340 0.1985 0.3000 9  
## 1922 M 0.605 0.470 0.180 1.1155 0.4790 0.2565 0.3210 10  
## 1923 M 0.610 0.480 0.140 1.0310 0.4375 0.2615 0.2700 8  
## 1924 F 0.610 0.460 0.145 1.1185 0.4780 0.2945 0.2985 10  
## 1925 F 0.610 0.460 0.155 0.9570 0.4255 0.1975 0.2650 8  
## 1926 F 0.610 0.470 0.165 1.1785 0.5660 0.2785 0.2940 11  
## 1927 M 0.615 0.470 0.145 1.0285 0.4435 0.2825 0.2850 11  
## 1928 M 0.615 0.470 0.150 1.0875 0.4975 0.2830 0.2685 9  
## 1929 F 0.615 0.495 0.160 1.2550 0.5815 0.3195 0.3225 12  
## 1930 M 0.615 0.495 0.200 1.2190 0.5640 0.2270 0.3885 10  
## 1931 M 0.620 0.490 0.160 1.0350 0.4400 0.2525 0.2850 11  
## 1932 M 0.620 0.490 0.150 1.1950 0.4605 0.3020 0.3550 9  
## 1933 F 0.620 0.495 0.170 1.0620 0.3720 0.2130 0.3400 11  
## 1934 M 0.620 0.495 0.195 1.5145 0.5790 0.3460 0.5195 15  
## 1935 M 0.620 0.470 0.150 1.3090 0.5870 0.4405 0.3250 9  
## 1936 M 0.620 0.485 0.155 1.0295 0.4250 0.2315 0.3350 12  
## 1937 M 0.625 0.495 0.155 1.0485 0.4870 0.2120 0.3215 11  
## 1938 M 0.625 0.515 0.170 1.3310 0.5725 0.3005 0.3610 9  
## 1939 M 0.625 0.505 0.185 1.1565 0.5200 0.2405 0.3535 10  
## 1940 F 0.625 0.445 0.160 1.0900 0.4600 0.2965 0.3040 11  
## 1941 F 0.625 0.520 0.180 1.3540 0.4845 0.3510 0.3750 11  
## 1942 F 0.625 0.470 0.145 0.9840 0.4750 0.2000 0.2650 11  
## 1943 M 0.630 0.490 0.155 1.2525 0.6300 0.2460 0.2890 9  
## 1944 F 0.635 0.485 0.165 1.2695 0.5635 0.3065 0.3395 11  
## 1945 F 0.635 0.520 0.165 1.3405 0.5065 0.2960 0.4120 11  
## 1946 F 0.635 0.505 0.155 1.2895 0.5940 0.3140 0.3450 11  
## 1947 M 0.635 0.525 0.160 1.1950 0.5435 0.2460 0.3350 12  
## 1948 M 0.635 0.500 0.165 1.2730 0.6535 0.2130 0.3650 12  
## 1949 M 0.635 0.515 0.165 1.2290 0.5055 0.2975 0.3535 10  
## 1950 M 0.640 0.530 0.165 1.1895 0.4765 0.3000 0.3500 11  
## 1951 F 0.640 0.480 0.145 1.1145 0.5080 0.2400 0.3400 10  
## 1952 F 0.640 0.515 0.165 1.3115 0.4945 0.2555 0.4100 10  
## 1953 I 0.640 0.490 0.135 1.1000 0.4880 0.2505 0.2925 10  
## 1954 M 0.640 0.490 0.155 1.1285 0.4770 0.2690 0.3400 9  
## 1955 F 0.640 0.485 0.185 1.4195 0.6735 0.3465 0.3255 11  
## 1956 F 0.645 0.510 0.180 1.6195 0.7815 0.3220 0.4675 12  
## 1957 M 0.645 0.490 0.175 1.3200 0.6525 0.2375 0.3385 11  
## 1958 F 0.645 0.520 0.210 1.5535 0.6160 0.3655 0.4740 16  
## 1959 I 0.650 0.520 0.150 1.2380 0.5495 0.2960 0.3305 10  
## 1960 F 0.650 0.510 0.155 1.1890 0.4830 0.2780 0.3645 13  
## 1961 F 0.650 0.510 0.185 1.3750 0.5310 0.3840 0.3985 10  
## 1962 F 0.655 0.515 0.180 1.4120 0.6195 0.2485 0.4970 11  
## 1963 F 0.655 0.525 0.175 1.3480 0.5855 0.2605 0.3940 10  
## 1964 M 0.655 0.520 0.170 1.1445 0.5300 0.2230 0.3480 9  
## 1965 F 0.660 0.535 0.205 1.4415 0.5925 0.2775 0.4900 10  
## 1966 M 0.660 0.510 0.175 1.2180 0.5055 0.3030 0.3700 11  
## 1967 F 0.665 0.500 0.150 1.2475 0.4625 0.2955 0.3595 10  
## 1968 M 0.665 0.515 0.200 1.2695 0.5115 0.2675 0.4360 12  
## 1969 M 0.665 0.525 0.180 1.4290 0.6715 0.2900 0.4000 12  
## 1970 F 0.670 0.530 0.205 1.4015 0.6430 0.2465 0.4160 12  
## 1971 M 0.675 0.515 0.150 1.3120 0.5560 0.2845 0.4115 11  
## 1972 F 0.675 0.510 0.185 1.4730 0.6295 0.3025 0.4245 11  
## 1973 M 0.680 0.540 0.190 1.6230 0.7165 0.3540 0.4715 12  
## 1974 M 0.680 0.540 0.155 1.5340 0.6710 0.3790 0.3840 10  
## 1975 M 0.685 0.535 0.155 1.3845 0.6615 0.2145 0.4075 10  
## 1976 M 0.690 0.550 0.180 1.6915 0.6655 0.4020 0.5000 11  
## 1977 M 0.695 0.545 0.185 1.5715 0.6645 0.3835 0.4505 13  
## 1978 F 0.700 0.575 0.205 1.7730 0.6050 0.4470 0.5380 13  
## 1979 M 0.700 0.550 0.175 1.4405 0.6565 0.2985 0.3750 12  
## 1980 M 0.700 0.550 0.195 1.6245 0.6750 0.3470 0.5350 13  
## 1981 F 0.705 0.535 0.220 1.8660 0.9290 0.3835 0.4395 10  
## 1982 F 0.720 0.575 0.180 1.6705 0.7320 0.3605 0.5010 12  
## 1983 M 0.720 0.565 0.190 2.0810 1.0815 0.4305 0.5030 11  
## 1984 F 0.725 0.570 0.205 1.6195 0.7440 0.3150 0.4880 11  
## 1985 F 0.750 0.550 0.195 1.8325 0.8300 0.3660 0.4400 11  
## 1986 M 0.760 0.605 0.215 2.1730 0.8010 0.4915 0.6460 13  
## 1987 I 0.135 0.130 0.040 0.0290 0.0125 0.0065 0.0080 4  
## 1988 I 0.160 0.110 0.025 0.0195 0.0075 0.0050 0.0060 4  
## 1989 I 0.210 0.150 0.055 0.0465 0.0170 0.0120 0.0150 5  
## 1990 I 0.280 0.210 0.075 0.1195 0.0530 0.0265 0.0300 6  
## 1991 I 0.280 0.200 0.065 0.0895 0.0360 0.0185 0.0300 7  
## 1992 I 0.285 0.215 0.060 0.0935 0.0310 0.0230 0.0300 6  
## 1993 I 0.290 0.210 0.070 0.1115 0.0480 0.0205 0.0300 5  
## 1994 I 0.290 0.210 0.060 0.1195 0.0560 0.0235 0.0300 6  
## 1995 I 0.290 0.210 0.065 0.0970 0.0375 0.0220 0.0300 6  
## 1996 I 0.320 0.240 0.070 0.1330 0.0585 0.0255 0.0410 6  
## 1997 I 0.325 0.250 0.070 0.1745 0.0875 0.0355 0.0400 7  
## 1998 I 0.335 0.250 0.080 0.1695 0.0695 0.0440 0.0495 6  
## 1999 I 0.350 0.235 0.080 0.1700 0.0725 0.0465 0.0495 7  
## 2000 I 0.350 0.250 0.070 0.1605 0.0715 0.0335 0.0460 6  
## 2001 I 0.355 0.270 0.105 0.2710 0.1425 0.0525 0.0735 9  
## 2002 I 0.360 0.270 0.085 0.2185 0.1065 0.0380 0.0620 6  
## 2003 I 0.360 0.270 0.085 0.1960 0.0905 0.0340 0.0530 7  
## 2004 I 0.375 0.280 0.080 0.2260 0.1050 0.0470 0.0650 6  
## 2005 I 0.375 0.275 0.085 0.2200 0.1090 0.0500 0.0605 7  
## 2006 I 0.395 0.290 0.095 0.3000 0.1580 0.0680 0.0780 7  
## 2007 I 0.405 0.250 0.090 0.2875 0.1280 0.0630 0.0805 7  
## 2008 I 0.415 0.325 0.110 0.3160 0.1385 0.0795 0.0925 8  
## 2009 I 0.425 0.315 0.095 0.3675 0.1865 0.0675 0.0985 7  
## 2010 I 0.430 0.320 0.110 0.3675 0.1675 0.1020 0.1050 8  
## 2011 I 0.435 0.325 0.120 0.3460 0.1590 0.0840 0.0950 7  
## 2012 M 0.450 0.330 0.105 0.4955 0.2575 0.0820 0.1290 8  
## 2013 I 0.460 0.350 0.110 0.4675 0.2125 0.0990 0.1375 7  
## 2014 M 0.470 0.365 0.135 0.5220 0.2395 0.1525 0.1450 10  
## 2015 I 0.470 0.375 0.105 0.4410 0.1670 0.0865 0.1450 10  
## 2016 I 0.475 0.365 0.120 0.5185 0.2680 0.1095 0.1365 8  
## 2017 M 0.505 0.390 0.120 0.6530 0.3315 0.1385 0.1670 9  
## 2018 M 0.505 0.395 0.135 0.5915 0.2880 0.1315 0.1850 12  
## 2019 M 0.505 0.385 0.115 0.4825 0.2100 0.1035 0.1535 10  
## 2020 I 0.510 0.455 0.135 0.6855 0.2875 0.1540 0.2035 9  
## 2021 M 0.515 0.400 0.140 0.6335 0.2880 0.1450 0.1680 9  
## 2022 M 0.525 0.410 0.130 0.6875 0.3435 0.1495 0.1765 9  
## 2023 F 0.530 0.430 0.150 0.7410 0.3250 0.1855 0.1960 9  
## 2024 F 0.530 0.405 0.130 0.6355 0.2635 0.1565 0.1850 9  
## 2025 M 0.545 0.440 0.140 0.8395 0.3560 0.1905 0.2385 11  
## 2026 F 0.550 0.470 0.150 0.9205 0.3810 0.2435 0.2675 10  
## 2027 F 0.560 0.410 0.160 0.8215 0.3420 0.1840 0.2530 9  
## 2028 M 0.565 0.445 0.145 0.9255 0.4345 0.2120 0.2475 9  
## 2029 F 0.570 0.435 0.150 0.8295 0.3875 0.1560 0.2450 10  
## 2030 M 0.580 0.460 0.160 1.0630 0.5130 0.2705 0.2625 9  
## 2031 M 0.590 0.465 0.165 1.1150 0.5165 0.2730 0.2750 10  
## 2032 F 0.600 0.450 0.140 0.8370 0.3700 0.1770 0.2425 10  
## 2033 M 0.605 0.445 0.140 0.9820 0.4295 0.2085 0.2950 12  
## 2034 M 0.610 0.490 0.160 1.1120 0.4650 0.2280 0.3410 10  
## 2035 F 0.625 0.515 0.180 1.3485 0.5255 0.2520 0.3925 14  
## 2036 M 0.660 0.515 0.195 1.5655 0.7345 0.3530 0.3860 9  
## 2037 I 0.255 0.190 0.060 0.0860 0.0400 0.0185 0.0250 5  
## 2038 I 0.270 0.195 0.065 0.1065 0.0475 0.0225 0.0285 5  
## 2039 I 0.280 0.215 0.080 0.1320 0.0720 0.0220 0.0330 5  
## 2040 I 0.285 0.215 0.070 0.1075 0.0510 0.0225 0.0270 6  
## 2041 I 0.320 0.255 0.085 0.1745 0.0720 0.0330 0.0570 8  
## 2042 I 0.325 0.240 0.070 0.1520 0.0565 0.0305 0.0540 8  
## 2043 I 0.385 0.280 0.100 0.2755 0.1305 0.0610 0.0725 8  
## 2044 I 0.395 0.295 0.100 0.2930 0.1400 0.0620 0.0820 7  
## 2045 F 0.400 0.305 0.160 0.3680 0.1730 0.0705 0.1050 7  
## 2046 I 0.405 0.310 0.090 0.3120 0.1380 0.0600 0.0870 8  
## 2047 I 0.415 0.305 0.120 0.3360 0.1650 0.0760 0.0805 7  
## 2048 I 0.420 0.315 0.115 0.3550 0.1895 0.0650 0.0870 6  
## 2049 I 0.440 0.305 0.115 0.3790 0.1620 0.0910 0.1100 9  
## 2050 I 0.445 0.320 0.120 0.3780 0.1520 0.0825 0.1200 8  
## 2051 M 0.450 0.350 0.130 0.4655 0.2075 0.1045 0.1350 8  
## 2052 F 0.455 0.355 1.130 0.5940 0.3320 0.1160 0.1335 8  
## 2053 M 0.460 0.345 0.120 0.4935 0.2435 0.1175 0.1320 8  
## 2054 M 0.460 0.345 0.110 0.4595 0.2350 0.0885 0.1160 7  
## 2055 M 0.465 0.360 0.110 0.4955 0.2665 0.0850 0.1210 7  
## 2056 I 0.465 0.355 0.090 0.4325 0.2005 0.0740 0.1275 9  
## 2057 F 0.475 0.380 0.140 0.6890 0.3165 0.1315 0.1955 7  
## 2058 I 0.480 0.350 0.135 0.5465 0.2735 0.0995 0.1580 8  
## 2059 M 0.485 0.390 0.135 0.6170 0.2500 0.1345 0.1635 8  
## 2060 I 0.490 0.370 0.110 0.5380 0.2710 0.1035 0.1390 8  
## 2061 M 0.500 0.390 0.135 0.7815 0.3610 0.1575 0.2385 9  
## 2062 F 0.500 0.380 0.140 0.6355 0.2770 0.1430 0.1785 8  
## 2063 M 0.505 0.385 0.130 0.6435 0.3135 0.1490 0.1515 7  
## 2064 M 0.525 0.385 0.100 0.5115 0.2460 0.1005 0.1455 8  
## 2065 M 0.535 0.420 0.125 0.7380 0.3550 0.1895 0.1795 8  
## 2066 F 0.535 0.420 0.130 0.6990 0.3125 0.1565 0.2035 8  
## 2067 F 0.540 0.385 0.140 0.7655 0.3265 0.1160 0.2365 10  
## 2068 F 0.540 0.420 0.130 0.7505 0.3680 0.1675 0.1845 9  
## 2069 F 0.545 0.430 0.160 0.8440 0.3945 0.1855 0.2310 9  
## 2070 M 0.550 0.410 0.130 0.8705 0.4455 0.2115 0.2130 9  
## 2071 I 0.550 0.420 0.115 0.6680 0.2925 0.1370 0.2090 11  
## 2072 F 0.565 0.440 0.135 0.8300 0.3930 0.1735 0.2380 9  
## 2073 M 0.580 0.450 0.120 0.8685 0.4180 0.1475 0.2605 8  
## 2074 F 0.580 0.435 0.150 0.8390 0.3485 0.2070 0.1920 7  
## 2075 F 0.585 0.485 0.150 1.0790 0.4145 0.2115 0.3560 11  
## 2076 M 0.595 0.465 0.150 0.9190 0.4335 0.1765 0.2620 9  
## 2077 F 0.600 0.470 0.190 1.1345 0.4920 0.2595 0.3375 10  
## 2078 F 0.610 0.430 0.140 0.9090 0.4380 0.2000 0.2200 8  
## 2079 M 0.610 0.480 0.165 1.2435 0.5575 0.2675 0.3720 8  
## 2080 F 0.620 0.490 0.160 1.0560 0.4930 0.2440 0.2725 9  
## 2081 M 0.645 0.495 0.150 1.2095 0.6030 0.2225 0.3390 9  
## 2082 M 0.650 0.500 0.140 1.2380 0.6165 0.2355 0.3200 8  
## 2083 F 0.665 0.525 0.210 1.6440 0.8180 0.3395 0.4275 10  
## 2084 M 0.685 0.550 0.200 1.7725 0.8130 0.3870 0.4900 11  
## 2085 F 0.690 0.540 0.195 1.2525 0.7300 0.3975 0.4620 12  
## 2086 F 0.705 0.570 0.185 1.7610 0.7470 0.3725 0.4880 10  
## 2087 F 0.710 0.500 0.150 1.3165 0.6835 0.2815 0.2800 10  
## 2088 M 0.720 0.585 0.220 1.9140 0.9155 0.4480 0.4790 11  
## 2089 F 0.720 0.575 0.215 2.1000 0.8565 0.4825 0.6020 12  
## 2090 F 0.730 0.555 0.180 1.6895 0.6555 0.1965 0.4935 10  
## 2091 M 0.775 0.570 0.220 2.0320 0.7350 0.4755 0.6585 17  
## 2092 F 0.505 0.390 0.115 0.6600 0.3045 0.1555 0.1750 8  
## 2093 M 0.530 0.425 0.130 0.7455 0.2995 0.1355 0.2450 10  
## 2094 F 0.505 0.385 0.115 0.6160 0.2430 0.1075 0.2100 11  
## 2095 I 0.405 0.305 0.090 0.2825 0.1140 0.0575 0.0950 7  
## 2096 M 0.415 0.300 0.100 0.3355 0.1545 0.0685 0.0950 7  
## 2097 M 0.500 0.390 0.145 0.6510 0.2730 0.1320 0.2200 11  
## 2098 M 0.425 0.330 0.080 0.3610 0.1340 0.0825 0.1250 7  
## 2099 M 0.470 0.350 0.100 0.4775 0.1885 0.0885 0.1750 8  
## 2100 F 0.400 0.310 0.115 0.3465 0.1475 0.0695 0.1150 10  
## 2101 I 0.370 0.290 0.100 0.2500 0.1025 0.0505 0.0850 10  
## 2102 M 0.500 0.380 0.155 0.6600 0.2655 0.1365 0.2150 19  
## 2103 I 0.410 0.310 0.110 0.3150 0.1240 0.0820 0.0950 9  
## 2104 M 0.375 0.290 0.100 0.2760 0.1175 0.0565 0.0850 9  
## 2105 F 0.490 0.385 0.125 0.5395 0.2175 0.1280 0.1650 11  
## 2106 M 0.585 0.480 0.185 1.0400 0.4340 0.2650 0.2850 10  
## 2107 M 0.595 0.455 0.155 1.0410 0.4160 0.2105 0.3650 14  
## 2108 F 0.675 0.550 0.180 1.6885 0.5620 0.3705 0.6000 15  
## 2109 M 0.665 0.535 0.225 2.1835 0.7535 0.3910 0.8850 27  
## 2110 M 0.620 0.490 0.170 1.2105 0.5185 0.2555 0.3350 13  
## 2111 I 0.325 0.250 0.055 0.1660 0.0760 0.0510 0.0450 5  
## 2112 I 0.455 0.355 0.080 0.4520 0.2165 0.0995 0.1250 9  
## 2113 M 0.525 0.405 0.130 0.7185 0.3265 0.1975 0.1750 8  
## 2114 I 0.385 0.290 0.090 0.2320 0.0855 0.0495 0.0800 7  
## 2115 I 0.130 0.095 0.035 0.0105 0.0050 0.0065 0.0035 4  
## 2116 I 0.180 0.130 0.045 0.0275 0.0125 0.0100 0.0090 3  
## 2117 I 0.310 0.225 0.050 0.1445 0.0675 0.0385 0.0450 6  
## 2118 F 0.375 0.290 0.080 0.2820 0.1405 0.0725 0.0800 7  
## 2119 F 0.480 0.380 0.120 0.6080 0.2705 0.1405 0.1850 8  
## 2120 I 0.455 0.370 0.125 0.4330 0.2010 0.1265 0.1450 9  
## 2121 M 0.425 0.325 0.100 0.3295 0.1365 0.0725 0.1100 7  
## 2122 I 0.475 0.360 0.110 0.4555 0.1770 0.0965 0.1450 9  
## 2123 F 0.435 0.350 0.120 0.4585 0.1920 0.1000 0.1300 11  
## 2124 F 0.290 0.210 0.075 0.2750 0.1130 0.0675 0.0350 6  
## 2125 M 0.385 0.295 0.095 0.3350 0.1470 0.0940 0.0900 7  
## 2126 M 0.470 0.375 0.115 0.4265 0.1685 0.0755 0.1500 8  
## 2127 F 0.500 0.400 0.125 0.5765 0.2395 0.1260 0.1850 10  
## 2128 I 0.400 0.310 0.100 0.1270 0.1060 0.0710 0.0850 7  
## 2129 M 0.620 0.510 0.175 1.1505 0.4375 0.2265 0.4000 12  
## 2130 M 0.595 0.470 0.150 0.8915 0.3590 0.2105 0.2450 12  
## 2131 M 0.585 0.455 0.140 0.9700 0.4620 0.1850 0.2950 9  
## 2132 M 0.320 0.240 0.080 0.1800 0.0800 0.0385 0.0550 6  
## 2133 F 0.520 0.410 0.125 0.6985 0.2945 0.1625 0.2150 10  
## 2134 M 0.440 0.350 0.110 0.4585 0.2000 0.0885 0.1300 9  
## 2135 F 0.440 0.330 0.115 0.4005 0.1430 0.1130 0.1200 8  
## 2136 M 0.565 0.425 0.100 0.7145 0.3055 0.1660 0.1800 12  
## 2137 F 0.560 0.425 0.125 0.9320 0.3610 0.2130 0.3350 9  
## 2138 F 0.590 0.455 0.175 0.9660 0.3910 0.2455 0.3100 10  
## 2139 F 0.570 0.465 0.180 0.9995 0.4050 0.2770 0.2950 16  
## 2140 M 0.680 0.530 0.205 1.4960 0.5825 0.3370 0.4650 14  
## 2141 F 0.450 0.360 0.125 0.5065 0.2220 0.1050 0.1600 10  
## 2142 I 0.320 0.240 0.075 0.1735 0.0760 0.0355 0.0500 7  
## 2143 I 0.460 0.350 0.110 0.3945 0.1685 0.0865 0.1250 9  
## 2144 M 0.470 0.370 0.105 0.4665 0.2025 0.1015 0.1550 10  
## 2145 M 0.455 0.350 0.105 0.4010 0.1575 0.0830 0.1350 9  
## 2146 F 0.415 0.325 0.115 0.3455 0.1405 0.0765 0.1100 9  
## 2147 M 0.465 0.350 0.120 0.5205 0.2015 0.1625 0.1850 11  
## 2148 M 0.460 0.375 0.135 0.4935 0.1860 0.0845 0.1700 12  
## 2149 M 0.415 0.310 0.090 0.3245 0.1305 0.0735 0.1150 8  
## 2150 M 0.270 0.195 0.070 0.1060 0.0465 0.0180 0.0360 7  
## 2151 M 0.445 0.355 0.110 0.4415 0.1805 0.1035 0.1505 10  
## 2152 F 0.745 0.585 0.190 1.9660 0.8435 0.4370 0.5855 18  
## 2153 F 0.400 0.300 0.115 0.3025 0.1335 0.0465 0.0935 8  
## 2154 I 0.280 0.200 0.075 0.1225 0.0545 0.0115 0.0350 5  
## 2155 M 0.550 0.440 0.135 0.8790 0.3680 0.2095 0.2650 10  
## 2156 M 0.580 0.460 0.165 1.2275 0.4730 0.1965 0.4350 16  
## 2157 M 0.610 0.500 0.165 1.2715 0.4915 0.1850 0.4900 12  
## 2158 M 0.620 0.495 0.175 1.8060 0.6430 0.3285 0.7250 17  
## 2159 M 0.560 0.420 0.195 0.8085 0.3025 0.1795 0.2850 14  
## 2160 F 0.640 0.510 0.200 1.3905 0.6100 0.3315 0.4100 12  
## 2161 M 0.690 0.550 0.200 1.8465 0.7320 0.4720 0.5700 19  
## 2162 F 0.715 0.565 0.240 2.1995 0.7245 0.4650 0.8850 17  
## 2163 F 0.710 0.565 0.195 1.8170 0.7850 0.4920 0.4900 11  
## 2164 F 0.550 0.470 0.150 0.8970 0.3770 0.1840 0.2900 9  
## 2165 M 0.375 0.305 0.090 0.3245 0.1395 0.0565 0.0950 5  
## 2166 F 0.610 0.450 0.160 1.1360 0.4140 0.3110 0.3000 9  
## 2167 I 0.380 0.280 0.085 0.2735 0.1150 0.0610 0.0850 6  
## 2168 F 0.370 0.275 0.085 0.2405 0.1040 0.0535 0.0700 5  
## 2169 M 0.335 0.235 0.085 0.1545 0.0660 0.0345 0.0450 6  
## 2170 I 0.165 0.115 0.015 0.0145 0.0055 0.0030 0.0050 4  
## 2171 M 0.285 0.210 0.075 0.1185 0.0550 0.0285 0.0400 7  
## 2172 I 0.190 0.130 0.030 0.0295 0.0155 0.0150 0.0100 6  
## 2173 I 0.215 0.150 0.030 0.0385 0.0115 0.0050 0.0100 5  
## 2174 M 0.595 0.465 0.125 0.7990 0.3245 0.2000 0.2300 10  
## 2175 F 0.645 0.500 0.170 1.1845 0.4805 0.2740 0.3550 13  
## 2176 M 0.575 0.450 0.185 0.9250 0.3420 0.1970 0.3500 12  
## 2177 F 0.570 0.450 0.170 1.0980 0.4140 0.1870 0.4050 20  
## 2178 F 0.580 0.450 0.235 1.0710 0.3000 0.2060 0.3950 14  
## 2179 F 0.595 0.480 0.200 0.9750 0.3580 0.2035 0.3400 15  
## 2180 F 0.595 0.470 0.250 1.2830 0.4620 0.2475 0.4450 14  
## 2181 F 0.625 0.420 0.165 1.0595 0.3580 0.1650 0.4450 21  
## 2182 M 0.535 0.420 0.165 0.9195 0.3355 0.1985 0.2600 16  
## 2183 M 0.550 0.430 0.160 0.9295 0.3170 0.1735 0.3550 13  
## 2184 M 0.495 0.400 0.155 0.8085 0.2345 0.1155 0.3500 6  
## 2185 I 0.320 0.235 0.080 0.1485 0.0640 0.0310 0.0450 6  
## 2186 M 0.445 0.340 0.120 0.4475 0.1930 0.1035 0.1300 9  
## 2187 F 0.520 0.400 0.125 0.6865 0.2950 0.1715 0.1850 9  
## 2188 M 0.495 0.385 0.135 0.6335 0.2000 0.1225 0.2600 14  
## 2189 M 0.470 0.370 0.135 0.5470 0.2220 0.1325 0.1700 12  
## 2190 F 0.490 0.370 0.140 0.5850 0.2430 0.1150 0.1950 10  
## 2191 M 0.580 0.470 0.165 0.9270 0.3215 0.1985 0.3150 11  
## 2192 M 0.645 0.495 0.185 1.4935 0.5265 0.2785 0.4550 15  
## 2193 F 0.575 0.485 0.165 1.0405 0.4190 0.2640 0.3000 14  
## 2194 I 0.215 0.170 0.055 0.0605 0.0205 0.0140 0.0200 6  
## 2195 I 0.430 0.325 0.110 0.3675 0.1355 0.0935 0.1200 13  
## 2196 I 0.260 0.215 0.080 0.0990 0.0370 0.0255 0.0450 5  
## 2197 I 0.370 0.280 0.090 0.2330 0.0905 0.0545 0.0700 11  
## 2198 I 0.405 0.305 0.105 0.3625 0.1565 0.0705 0.1250 10  
## 2199 I 0.270 0.190 0.080 0.0810 0.0265 0.0195 0.0300 6  
## 2200 F 0.680 0.550 0.200 1.5960 0.5250 0.4075 0.5850 21  
## 2201 F 0.650 0.515 0.195 1.4005 0.5195 0.3600 0.4400 13  
## 2202 F 0.645 0.490 0.215 1.4060 0.4265 0.2285 0.5100 25  
## 2203 M 0.570 0.405 0.160 0.9245 0.3445 0.2185 0.2950 19  
## 2204 M 0.615 0.480 0.190 1.3600 0.5305 0.2375 0.4700 18  
## 2205 M 0.420 0.345 0.105 0.4300 0.1750 0.0960 0.1300 7  
## 2206 I 0.275 0.220 0.080 0.1365 0.0565 0.0285 0.0420 6  
## 2207 F 0.290 0.225 0.075 0.1400 0.0515 0.0235 0.0400 5  
## 2208 M 0.420 0.340 0.115 0.4215 0.1750 0.0930 0.1350 8  
## 2209 F 0.625 0.525 0.215 1.5765 0.5115 0.2595 0.6650 16  
## 2210 F 0.550 0.465 0.180 1.2125 0.3245 0.2050 0.5250 27  
## 2211 M 0.660 0.505 0.200 1.6305 0.4865 0.2970 0.6100 18  
## 2212 M 0.565 0.470 0.195 1.1420 0.3870 0.2580 0.3500 17  
## 2213 F 0.595 0.495 0.235 1.3660 0.5065 0.2190 0.5200 13  
## 2214 M 0.630 0.510 0.230 1.5390 0.5635 0.2815 0.5700 17  
## 2215 F 0.430 0.325 0.120 0.4450 0.1650 0.0995 0.1550 8  
## 2216 F 0.455 0.350 0.140 0.5725 0.1965 0.1325 0.1750 10  
## 2217 I 0.330 0.260 0.080 0.1900 0.0765 0.0385 0.0650 7  
## 2218 F 0.515 0.415 0.130 0.7640 0.2760 0.1960 0.2500 13  
## 2219 M 0.495 0.390 0.150 0.8530 0.3285 0.1890 0.2700 14  
## 2220 F 0.485 0.375 0.145 0.5885 0.2385 0.1155 0.1900 13  
## 2221 F 0.535 0.460 0.145 0.7875 0.3395 0.2005 0.2000 8  
## 2222 M 0.580 0.465 0.175 1.0350 0.4010 0.1865 0.3850 17  
## 2223 F 0.625 0.525 0.195 1.3520 0.4505 0.2445 0.5300 13  
## 2224 F 0.555 0.455 0.180 0.9580 0.2960 0.1950 0.3900 14  
## 2225 F 0.550 0.425 0.145 0.7970 0.2970 0.1500 0.2650 9  
## 2226 M 0.590 0.475 0.155 0.8570 0.3560 0.1740 0.2800 13  
## 2227 I 0.355 0.280 0.110 0.2235 0.0815 0.0525 0.0800 7  
## 2228 I 0.275 0.200 0.075 0.0860 0.0305 0.0190 0.0300 7  
## 2229 F 0.505 0.390 0.175 0.6920 0.2670 0.1500 0.2150 12  
## 2230 M 0.370 0.280 0.095 0.2225 0.0805 0.0510 0.0750 7  
## 2231 M 0.555 0.430 0.165 0.7575 0.2735 0.1635 0.2750 13  
## 2232 F 0.505 0.400 0.165 0.7290 0.2675 0.1550 0.2500 9  
## 2233 F 0.560 0.445 0.180 0.9030 0.3575 0.2045 0.2950 9  
## 2234 M 0.595 0.475 0.170 1.0965 0.4190 0.2290 0.3500 17  
## 2235 F 0.570 0.450 0.165 0.9030 0.3305 0.1845 0.2950 14  
## 2236 M 0.600 0.480 0.175 1.2290 0.4125 0.2735 0.4150 13  
## 2237 F 0.560 0.435 0.185 1.1060 0.4220 0.2435 0.3300 15  
## 2238 M 0.585 0.465 0.190 1.1710 0.3905 0.2355 0.4000 17  
## 2239 I 0.460 0.335 0.110 0.4440 0.2250 0.0745 0.1100 8  
## 2240 F 0.460 0.360 0.115 0.4755 0.2105 0.1050 0.1600 8  
## 2241 M 0.415 0.315 0.125 0.3880 0.0680 0.0900 0.1250 12  
## 2242 F 0.435 0.320 0.120 0.3785 0.1520 0.0915 0.1250 11  
## 2243 F 0.475 0.380 0.135 0.4860 0.1735 0.0700 0.1850 7  
## 2244 M 0.465 0.360 0.130 0.5265 0.2105 0.1185 0.1650 10  
## 2245 I 0.355 0.280 0.100 0.2275 0.0935 0.0455 0.0850 11  
## 2246 M 0.460 0.375 0.140 0.5105 0.1920 0.1045 0.2050 9  
## 2247 F 0.380 0.325 0.110 0.3105 0.1200 0.0740 0.1050 10  
## 2248 F 0.470 0.365 0.120 0.5430 0.2295 0.1495 0.1500 9  
## 2249 M 0.360 0.270 0.090 0.2225 0.0830 0.0530 0.0750 6  
## 2250 F 0.585 0.455 0.165 0.9980 0.3450 0.2495 0.3150 12  
## 2251 M 0.655 0.590 0.200 1.5455 0.6540 0.3765 0.4150 11  
## 2252 M 0.600 0.485 0.175 1.2675 0.4995 0.2815 0.3800 13  
## 2253 F 0.570 0.460 0.170 1.1000 0.4125 0.2205 0.3800 14  
## 2254 F 0.645 0.500 0.200 1.4285 0.6390 0.3050 0.3600 11  
## 2255 M 0.650 0.495 0.180 1.7930 0.8005 0.3390 0.5300 14  
## 2256 M 0.510 0.395 0.145 0.6185 0.2160 0.1385 0.2400 12  
## 2257 M 0.520 0.380 0.135 0.5825 0.2505 0.1565 0.1750 8  
## 2258 M 0.495 0.415 0.165 0.7485 0.2640 0.1340 0.2850 13  
## 2259 M 0.430 0.335 0.115 0.4060 0.1660 0.0935 0.1350 8  
## 2260 F 0.590 0.465 0.160 1.1005 0.5060 0.2525 0.2950 13  
## 2261 M 0.550 0.460 0.175 0.8690 0.3155 0.1825 0.3200 10  
## 2262 M 0.585 0.430 0.160 0.9550 0.3625 0.1760 0.2700 11  
## 2263 F 0.580 0.455 0.160 0.9215 0.3120 0.1960 0.3000 17  
## 2264 F 0.620 0.510 0.150 1.4560 0.5810 0.2875 0.3200 13  
## 2265 I 0.590 0.450 0.160 0.8930 0.2745 0.2185 0.3450 14  
## 2266 F 0.720 0.575 0.215 2.2260 0.8955 0.4050 0.6200 13  
## 2267 F 0.635 0.510 0.175 1.2125 0.5735 0.2610 0.3600 14  
## 2268 F 0.610 0.480 0.175 1.0675 0.3910 0.2160 0.4200 15  
## 2269 F 0.545 0.445 0.175 0.8525 0.3465 0.1890 0.2950 13  
## 2270 M 0.570 0.450 0.160 0.8615 0.3725 0.2175 0.2550 12  
## 2271 F 0.600 0.475 0.180 1.1620 0.5110 0.2675 0.3200 18  
## 2272 F 0.520 0.410 0.170 0.8705 0.3735 0.2190 0.2500 14  
## 2273 M 0.635 0.510 0.210 1.5980 0.6535 0.2835 0.5800 15  
## 2274 F 0.670 0.520 0.150 1.4060 0.5190 0.3480 0.3700 13  
## 2275 M 0.695 0.570 0.200 2.0330 0.7510 0.4255 0.6850 15  
## 2276 M 0.655 0.525 0.185 1.2590 0.4870 0.2215 0.4450 20  
## 2277 F 0.620 0.480 0.230 1.0935 0.4030 0.2450 0.3550 14  
## 2278 F 0.600 0.475 0.180 1.1805 0.4345 0.2475 0.4250 19  
## 2279 M 0.510 0.405 0.130 0.7175 0.3725 0.1580 0.1700 9  
## 2280 M 0.525 0.405 0.135 0.7575 0.3305 0.2160 0.1950 10  
## 2281 M 0.440 0.375 0.130 0.4870 0.2260 0.0965 0.1550 9  
## 2282 I 0.485 0.415 0.140 0.5705 0.2500 0.1340 0.1850 8  
## 2283 F 0.495 0.385 0.130 0.6905 0.3125 0.1790 0.1750 10  
## 2284 I 0.435 0.345 0.120 0.4475 0.2210 0.1120 0.1250 7  
## 2285 I 0.405 0.315 0.105 0.3470 0.1605 0.0785 0.1000 9  
## 2286 I 0.420 0.330 0.100 0.3520 0.1635 0.0890 0.1000 9  
## 2287 F 0.500 0.395 0.150 0.7145 0.3235 0.1730 0.1950 9  
## 2288 F 0.385 0.305 0.105 0.3315 0.1365 0.0745 0.1000 7  
## 2289 I 0.330 0.265 0.090 0.1800 0.0680 0.0360 0.0600 6  
## 2290 F 0.580 0.475 0.155 0.9740 0.4305 0.2300 0.2850 10  
## 2291 I 0.325 0.270 0.100 0.1850 0.0800 0.0435 0.0650 6  
## 2292 M 0.475 0.375 0.120 0.5630 0.2525 0.1205 0.1850 10  
## 2293 F 0.380 0.300 0.090 0.3215 0.1545 0.0750 0.0950 9  
## 2294 I 0.340 0.260 0.090 0.1790 0.0760 0.0525 0.0550 6  
## 2295 M 0.525 0.425 0.120 0.7020 0.3335 0.1465 0.2200 12  
## 2296 F 0.520 0.415 0.145 0.8045 0.3325 0.1725 0.2850 10  
## 2297 F 0.535 0.450 0.135 0.8075 0.3220 0.1810 0.2500 13  
## 2298 M 0.475 0.360 0.120 0.5780 0.2825 0.1200 0.1700 8  
## 2299 I 0.415 0.325 0.100 0.3850 0.1670 0.0800 0.1250 7  
## 2300 I 0.495 0.385 0.125 0.5850 0.2755 0.1235 0.1650 8  
## 2301 F 0.480 0.405 0.130 0.6375 0.2770 0.1445 0.2100 10  
## 2302 F 0.520 0.425 0.150 0.8130 0.3850 0.2015 0.2300 10  
## 2303 M 0.460 0.375 0.130 0.5735 0.2505 0.1190 0.1950 9  
## 2304 F 0.580 0.455 0.120 0.9400 0.3990 0.2570 0.2650 11  
## 2305 M 0.590 0.490 0.135 1.0080 0.4220 0.2245 0.2850 11  
## 2306 F 0.550 0.415 0.135 0.7750 0.3020 0.1790 0.2600 23  
## 2307 F 0.650 0.500 0.165 1.1445 0.4850 0.2180 0.3650 12  
## 2308 F 0.465 0.375 0.135 0.6000 0.2225 0.1290 0.2300 16  
## 2309 M 0.455 0.355 0.130 0.5150 0.2000 0.1275 0.1750 11  
## 2310 M 0.470 0.375 0.130 0.5795 0.2145 0.1640 0.1950 13  
## 2311 F 0.435 0.350 0.110 0.3840 0.1430 0.1005 0.1250 13  
## 2312 M 0.350 0.265 0.110 0.2965 0.1365 0.0630 0.0850 7  
## 2313 I 0.315 0.240 0.070 0.1370 0.0545 0.0315 0.0400 8  
## 2314 M 0.595 0.470 0.145 0.9910 0.4035 0.1505 0.3400 16  
## 2315 F 0.580 0.475 0.135 0.9250 0.3910 0.1650 0.2750 14  
## 2316 M 0.575 0.435 0.150 0.8050 0.2930 0.1625 0.2700 17  
## 2317 M 0.535 0.435 0.155 0.8915 0.3415 0.1770 0.2500 13  
## 2318 M 0.515 0.420 0.140 0.7690 0.2505 0.1540 0.2900 13  
## 2319 F 0.505 0.385 0.135 0.6185 0.2510 0.1175 0.2000 12  
## 2320 F 0.505 0.395 0.145 0.6515 0.2695 0.1530 0.2050 15  
## 2321 I 0.400 0.310 0.100 0.2875 0.1145 0.0635 0.0950 10  
## 2322 M 0.490 0.395 0.135 0.5545 0.2130 0.0925 0.2150 14  
## 2323 M 0.530 0.435 0.135 0.7365 0.3275 0.1315 0.2200 12  
## 2324 I 0.395 0.325 0.105 0.3060 0.1110 0.0735 0.0950 8  
## 2325 F 0.665 0.535 0.190 1.4960 0.5775 0.2815 0.4750 17  
## 2326 F 0.415 0.305 0.105 0.3605 0.1200 0.0820 0.1000 10  
## 2327 M 0.430 0.345 0.115 0.3045 0.0925 0.0550 0.1200 11  
## 2328 M 0.475 0.395 0.135 0.5920 0.2465 0.1645 0.2000 13  
## 2329 F 0.525 0.425 0.145 0.7995 0.3345 0.2090 0.2400 15  
## 2330 I 0.480 0.390 0.145 0.5825 0.2315 0.1210 0.2550 15  
## 2331 I 0.420 0.345 0.115 0.3435 0.1515 0.0795 0.1150 9  
## 2332 M 0.590 0.460 0.155 0.9060 0.3270 0.1485 0.3350 15  
## 2333 F 0.515 0.420 0.135 0.6295 0.2815 0.1270 0.2150 9  
## 2334 M 0.695 0.550 0.220 1.5515 0.5660 0.3835 0.4450 13  
## 2335 F 0.800 0.630 0.195 2.5260 0.9330 0.5900 0.6200 23  
## 2336 M 0.610 0.490 0.150 1.1030 0.4250 0.2025 0.3600 23  
## 2337 F 0.565 0.480 0.175 0.9570 0.3885 0.2150 0.2750 18  
## 2338 M 0.560 0.455 0.165 0.8600 0.4015 0.1695 0.2450 11  
## 2339 M 0.655 0.485 0.195 1.6200 0.6275 0.3580 0.4850 17  
## 2340 M 0.640 0.520 0.200 1.4070 0.5660 0.3040 0.4550 17  
## 2341 F 0.590 0.470 0.170 0.9000 0.3550 0.1905 0.2500 11  
## 2342 I 0.310 0.240 0.090 0.1455 0.0605 0.0315 0.0450 7  
## 2343 I 0.255 0.185 0.070 0.0750 0.0280 0.0180 0.0250 6  
## 2344 I 0.170 0.125 0.055 0.0235 0.0090 0.0055 0.0080 6  
## 2345 M 0.670 0.550 0.170 1.2470 0.4720 0.2455 0.4000 21  
## 2346 F 0.710 0.565 0.195 1.7265 0.6380 0.3365 0.5650 17  
## 2347 F 0.560 0.430 0.125 0.8025 0.3130 0.1715 0.2630 13  
## 2348 M 0.505 0.400 0.130 0.7640 0.3035 0.1890 0.2175 11  
## 2349 M 0.525 0.430 0.165 0.8645 0.3760 0.1945 0.2515 16  
## 2350 F 0.450 0.360 0.105 0.4715 0.2035 0.0935 0.1490 9  
## 2351 F 0.515 0.435 0.170 0.6310 0.2765 0.1110 0.2160 12  
## 2352 M 0.590 0.475 0.160 0.9455 0.3815 0.1840 0.2700 19  
## 2353 M 0.700 0.530 0.190 1.3185 0.5480 0.2330 0.4200 18  
## 2354 F 0.720 0.560 0.175 1.7265 0.6370 0.3415 0.5250 17  
## 2355 M 0.635 0.495 0.150 1.0810 0.4825 0.2420 0.3100 11  
## 2356 M 0.555 0.440 0.135 0.9025 0.3805 0.2105 0.2800 13  
## 2357 M 0.575 0.470 0.150 1.1415 0.4515 0.2040 0.4000 13  
## 2358 M 0.585 0.455 0.125 1.0270 0.3910 0.2120 0.2500 17  
## 2359 F 0.610 0.485 0.210 1.3445 0.5350 0.2205 0.5150 20  
## 2360 F 0.645 0.525 0.200 1.4490 0.6010 0.2565 0.5050 13  
## 2361 F 0.545 0.440 0.175 0.7745 0.2985 0.1875 0.2650 11  
## 2362 M 0.550 0.450 0.155 0.7895 0.3430 0.1590 0.2500 12  
## 2363 F 0.660 0.525 0.205 1.3665 0.5005 0.2910 0.4100 18  
## 2364 M 0.570 0.475 0.195 1.0295 0.4635 0.1905 0.3050 18  
## 2365 F 0.600 0.470 0.200 1.0310 0.3920 0.2035 0.2900 15  
## 2366 F 0.630 0.505 0.165 1.0650 0.4595 0.2160 0.3150 12  
## 2367 M 0.695 0.570 0.230 1.8850 0.8665 0.4350 0.5000 19  
## 2368 M 0.650 0.545 0.160 1.2425 0.4870 0.2960 0.4800 15  
## 2369 F 0.720 0.595 0.225 1.9690 0.8045 0.4230 0.6600 16  
## 2370 I 0.560 0.440 0.170 0.9445 0.3545 0.2175 0.3000 12  
## 2371 I 0.420 0.325 0.115 0.3540 0.1625 0.0640 0.1050 8  
## 2372 M 0.180 0.125 0.050 0.0230 0.0085 0.0055 0.0100 3  
## 2373 F 0.405 0.325 0.110 0.3575 0.1450 0.0725 0.1100 12  
## 2374 F 0.500 0.405 0.150 0.5965 0.2530 0.1260 0.1850 12  
## 2375 I 0.435 0.335 0.110 0.3830 0.1555 0.0675 0.1350 12  
## 2376 M 0.340 0.275 0.090 0.2065 0.0725 0.0430 0.0700 10  
## 2377 F 0.430 0.340 0.110 0.3820 0.1540 0.0955 0.1090 8  
## 2378 I 0.535 0.410 0.155 0.6315 0.2745 0.1415 0.1815 12  
## 2379 I 0.415 0.325 0.115 0.3285 0.1405 0.0510 0.1060 12  
## 2380 F 0.360 0.265 0.090 0.2165 0.0960 0.0370 0.0735 10  
## 2381 M 0.175 0.135 0.040 0.0305 0.0110 0.0075 0.0100 5  
## 2382 M 0.155 0.115 0.025 0.0240 0.0090 0.0050 0.0075 5  
## 2383 I 0.525 0.430 0.150 0.7365 0.3225 0.1610 0.2150 11  
## 2384 F 0.525 0.390 0.135 0.6005 0.2265 0.1310 0.2100 16  
## 2385 F 0.440 0.345 0.105 0.4285 0.1650 0.0830 0.1320 11  
## 2386 F 0.450 0.345 0.115 0.4960 0.1905 0.1170 0.1400 12  
## 2387 F 0.485 0.365 0.140 0.6195 0.2595 0.1445 0.1770 14  
## 2388 I 0.470 0.350 0.135 0.5670 0.2315 0.1465 0.1525 11  
## 2389 I 0.515 0.375 0.140 0.6505 0.2495 0.1410 0.2215 10  
## 2390 M 0.420 0.340 0.125 0.4495 0.1650 0.1125 0.1440 11  
## 2391 F 0.455 0.350 0.125 0.4485 0.1585 0.1020 0.1335 16  
## 2392 M 0.370 0.290 0.090 0.2410 0.1100 0.0450 0.0690 10  
## 2393 M 0.330 0.250 0.090 0.1970 0.0850 0.0410 0.0605 10  
## 2394 I 0.300 0.220 0.090 0.1425 0.0570 0.0335 0.0430 7  
## 2395 I 0.625 0.460 0.160 1.2395 0.5500 0.2730 0.3800 14  
## 2396 I 0.610 0.475 0.170 1.0385 0.4435 0.2410 0.3200 14  
## 2397 I 0.625 0.465 0.155 0.9720 0.4040 0.1845 0.3500 14  
## 2398 I 0.635 0.505 0.190 1.3315 0.5805 0.2520 0.4350 17  
## 2399 I 0.500 0.385 0.155 0.7620 0.3795 0.1610 0.1900 14  
## 2400 F 0.530 0.430 0.170 0.7750 0.3500 0.1520 0.2350 17  
## 2401 I 0.445 0.330 0.100 0.4370 0.1630 0.0755 0.1700 13  
## 2402 F 0.585 0.415 0.155 0.6985 0.3000 0.1460 0.1950 12  
## 2403 I 0.440 0.355 0.165 0.4350 0.1590 0.1050 0.1400 16  
## 2404 M 0.290 0.225 0.080 0.1295 0.0535 0.0260 0.0450 10  
## 2405 I 0.555 0.455 0.170 0.8435 0.3090 0.1905 0.3000 15  
## 2406 I 0.655 0.515 0.145 1.2500 0.5265 0.2830 0.3150 15  
## 2407 F 0.580 0.460 0.185 1.0170 0.3515 0.2000 0.3200 10  
## 2408 I 0.625 0.430 0.175 1.4110 0.5720 0.2970 0.3950 12  
## 2409 I 0.620 0.485 0.170 1.2080 0.4805 0.3045 0.3300 15  
## 2410 F 0.640 0.500 0.150 1.0705 0.3710 0.2705 0.3600 8  
## 2411 F 0.505 0.375 0.115 0.5895 0.2635 0.1200 0.1670 10  
## 2412 I 0.500 0.395 0.120 0.5370 0.2165 0.1085 0.1785 9  
## 2413 M 0.310 0.245 0.095 0.1500 0.0525 0.0340 0.0480 7  
## 2414 F 0.505 0.380 0.145 0.6510 0.2935 0.1900 0.1700 12  
## 2415 I 0.420 0.305 0.110 0.2800 0.0940 0.0785 0.0955 9  
## 2416 M 0.400 0.315 0.105 0.2870 0.1135 0.0370 0.1130 10  
## 2417 M 0.425 0.315 0.125 0.3525 0.1135 0.0565 0.1300 18  
## 2418 M 0.310 0.235 0.060 0.1200 0.0415 0.0330 0.0400 11  
## 2419 F 0.465 0.350 0.130 0.4940 0.1945 0.1030 0.1550 18  
## 2420 F 0.465 0.360 0.120 0.4765 0.1920 0.1125 0.1600 10  
## 2421 M 0.350 0.255 0.085 0.2145 0.1000 0.0465 0.0600 13  
## 2422 I 0.520 0.415 0.160 0.5950 0.2105 0.1420 0.2600 15  
## 2423 F 0.475 0.365 0.130 0.4805 0.1905 0.1140 0.1475 12  
## 2424 F 0.410 0.315 0.110 0.3210 0.1255 0.0655 0.0950 10  
## 2425 M 0.260 0.200 0.065 0.0960 0.0440 0.0270 0.0300 6  
## 2426 I 0.575 0.450 0.170 0.9315 0.3580 0.2145 0.2600 13  
## 2427 I 0.565 0.435 0.155 0.7820 0.2715 0.1680 0.2850 14  
## 2428 M 0.260 0.190 0.075 0.0945 0.0445 0.0200 0.0300 6  
## 2429 F 0.530 0.385 0.125 0.6695 0.2890 0.1510 0.1800 10  
## 2430 M 0.340 0.255 0.095 0.2130 0.0810 0.0340 0.0700 9  
## 2431 I 0.520 0.380 0.140 0.5250 0.1775 0.1150 0.1850 11  
## 2432 F 0.635 0.500 0.180 1.3120 0.5290 0.2485 0.4850 18  
## 2433 F 0.610 0.485 0.165 1.0870 0.4255 0.2320 0.3800 11  
## 2434 F 0.660 0.515 0.180 1.5230 0.5400 0.3365 0.5550 16  
## 2435 I 0.635 0.500 0.180 1.3190 0.5485 0.2920 0.4900 16  
## 2436 F 0.465 0.380 0.135 0.5790 0.2080 0.1095 0.2200 14  
## 2437 M 0.515 0.400 0.160 0.8175 0.2515 0.1560 0.3000 23  
## 2438 I 0.335 0.240 0.095 0.1700 0.0620 0.0390 0.0550 9  
## 2439 F 0.515 0.400 0.170 0.7960 0.2580 0.1755 0.2800 16  
## 2440 F 0.345 0.255 0.100 0.1970 0.0710 0.0510 0.0600 9  
## 2441 M 0.465 0.355 0.125 0.5255 0.2025 0.1350 0.1450 13  
## 2442 M 0.540 0.415 0.170 0.8790 0.3390 0.2080 0.2550 10  
## 2443 M 0.475 0.355 0.125 0.4625 0.1860 0.1070 0.1450 9  
## 2444 F 0.445 0.335 0.140 0.4565 0.1785 0.1140 0.1400 11  
## 2445 M 0.500 0.355 0.140 0.5280 0.2125 0.1490 0.1400 9  
## 2446 M 0.500 0.380 0.135 0.5835 0.2295 0.1265 0.1800 12  
## 2447 F 0.550 0.435 0.170 0.8840 0.2875 0.1645 0.2800 14  
## 2448 I 0.275 0.205 0.080 0.0960 0.0360 0.0185 0.0300 6  
## 2449 F 0.350 0.265 0.090 0.1855 0.0745 0.0415 0.0600 7  
## 2450 F 0.370 0.285 0.105 0.2700 0.1125 0.0585 0.0835 9  
## 2451 F 0.420 0.330 0.125 0.4630 0.1860 0.1100 0.1450 10  
## 2452 M 0.350 0.260 0.090 0.1980 0.0725 0.0560 0.0600 10  
## 2453 M 0.395 0.305 0.105 0.2820 0.0975 0.0650 0.0960 9  
## 2454 I 0.325 0.200 0.080 0.0995 0.0395 0.0225 0.0320 8  
## 2455 I 0.275 0.200 0.065 0.0920 0.0385 0.0235 0.0270 5  
## 2456 I 0.235 0.170 0.065 0.0625 0.0230 0.0140 0.0220 6  
## 2457 I 0.250 0.180 0.060 0.0730 0.0280 0.0170 0.0225 5  
## 2458 I 0.250 0.185 0.065 0.0710 0.0270 0.0185 0.0225 5  
## 2459 I 0.200 0.145 0.050 0.0360 0.0125 0.0080 0.0110 4  
## 2460 F 0.585 0.470 0.170 1.0990 0.3975 0.2325 0.3580 20  
## 2461 M 0.445 0.350 0.140 0.5905 0.2025 0.1580 0.1900 14  
## 2462 F 0.500 0.385 0.130 0.7680 0.2625 0.0950 0.2700 13  
## 2463 M 0.440 0.325 0.080 0.4130 0.1440 0.1015 0.1300 8  
## 2464 M 0.515 0.405 0.140 0.8505 0.3120 0.1460 0.3150 17  
## 2465 F 0.520 0.405 0.140 0.6915 0.2760 0.1370 0.2150 11  
## 2466 M 0.500 0.390 0.130 0.7090 0.2750 0.1680 0.1800 11  
## 2467 M 0.425 0.325 0.120 0.3755 0.1420 0.1065 0.1050 9  
## 2468 M 0.510 0.415 0.140 0.8185 0.3025 0.2155 0.2350 16  
## 2469 F 0.370 0.275 0.080 0.2270 0.0930 0.0625 0.0700 8  
## 2470 M 0.540 0.415 0.130 0.8245 0.2720 0.2260 0.2400 13  
## 2471 M 0.615 0.475 0.170 1.1825 0.4740 0.2895 0.2400 11  
## 2472 M 0.565 0.440 0.175 1.1220 0.3930 0.2000 0.3750 20  
## 2473 M 0.645 0.515 0.175 1.6115 0.6745 0.3840 0.3850 14  
## 2474 F 0.615 0.470 0.175 1.2985 0.5135 0.3430 0.3200 14  
## 2475 M 0.605 0.490 0.145 1.3000 0.5170 0.3285 0.3100 14  
## 2476 F 0.590 0.455 0.165 1.1610 0.3800 0.2455 0.2800 12  
## 2477 M 0.645 0.485 0.155 1.4890 0.5915 0.3120 0.3800 18  
## 2478 M 0.570 0.420 0.155 1.0080 0.3770 0.1930 0.3400 13  
## 2479 F 0.470 0.355 0.180 0.4410 0.1525 0.1165 0.1350 8  
## 2480 F 0.500 0.440 0.155 0.7420 0.2025 0.2005 0.2115 14  
## 2481 F 0.520 0.425 0.145 0.7000 0.2070 0.1905 0.2400 13  
## 2482 M 0.390 0.285 0.095 0.2710 0.1100 0.0600 0.0800 8  
## 2483 M 0.520 0.400 0.165 0.8565 0.2745 0.2010 0.2100 12  
## 2484 F 0.540 0.415 0.175 0.8975 0.2750 0.2410 0.2750 14  
## 2485 M 0.460 0.360 0.135 0.6105 0.1955 0.1070 0.2350 14  
## 2486 I 0.355 0.260 0.090 0.1925 0.0770 0.0380 0.0650 8  
## 2487 F 0.490 0.400 0.145 0.6635 0.2100 0.1295 0.2515 13  
## 2488 F 0.630 0.510 0.185 1.2350 0.5115 0.3490 0.3065 11  
## 2489 M 0.500 0.385 0.145 0.7615 0.2460 0.1950 0.2040 14  
## 2490 M 0.490 0.390 0.135 0.5920 0.2420 0.0960 0.1835 15  
## 2491 M 0.440 0.325 0.115 0.3900 0.1630 0.0870 0.1130 7  
## 2492 F 0.515 0.395 0.165 0.7565 0.1905 0.1700 0.3205 10  
## 2493 F 0.475 0.380 0.145 0.5700 0.1670 0.1180 0.1870 11  
## 2494 I 0.420 0.310 0.100 0.2865 0.1150 0.0735 0.0850 8  
## 2495 M 0.400 0.305 0.130 0.2935 0.0960 0.0675 0.1050 9  
## 2496 M 0.450 0.360 0.160 0.5670 0.1740 0.1245 0.2250 12  
## 2497 F 0.520 0.400 0.130 0.6245 0.2150 0.2065 0.1700 15  
## 2498 M 0.505 0.400 0.155 0.8415 0.2715 0.1775 0.2850 12  
## 2499 M 0.495 0.400 0.140 0.7775 0.2015 0.1800 0.2500 15  
## 2500 M 0.540 0.410 0.145 0.9890 0.2815 0.2130 0.3550 19  
## 2501 F 0.480 0.390 0.125 0.6905 0.2190 0.1550 0.2000 12  
## 2502 F 0.330 0.260 0.080 0.2000 0.0625 0.0500 0.0700 9  
## 2503 I 0.285 0.210 0.070 0.1090 0.0440 0.0265 0.0330 5  
## 2504 I 0.300 0.230 0.075 0.1270 0.0520 0.0300 0.0345 6  
## 2505 I 0.310 0.240 0.105 0.2885 0.1180 0.0650 0.0830 6  
## 2506 I 0.340 0.255 0.075 0.1800 0.0745 0.0400 0.0525 6  
## 2507 I 0.375 0.300 0.075 0.1440 0.0590 0.0300 0.0440 7  
## 2508 I 0.415 0.325 0.100 0.4665 0.2285 0.1065 0.1140 7  
## 2509 I 0.415 0.315 0.105 0.3300 0.1405 0.0705 0.0950 6  
## 2510 I 0.415 0.315 0.090 0.3625 0.1750 0.0835 0.0930 6  
## 2511 I 0.420 0.320 0.100 0.3400 0.1745 0.0500 0.0945 8  
## 2512 I 0.425 0.310 0.105 0.3650 0.1590 0.0825 0.1050 6  
## 2513 M 0.465 0.375 0.110 0.5000 0.2100 0.1130 0.1505 8  
## 2514 F 0.465 0.350 0.135 0.6265 0.2590 0.1445 0.1750 8  
## 2515 I 0.470 0.370 0.110 0.5555 0.2500 0.1150 0.1630 8  
## 2516 F 0.470 0.375 0.120 0.6015 0.2765 0.1455 0.1350 8  
## 2517 I 0.475 0.365 0.120 0.5300 0.2505 0.0975 0.1625 10  
## 2518 M 0.480 0.370 0.135 0.6315 0.3445 0.1015 0.1610 7  
## 2519 M 0.500 0.400 0.130 0.7715 0.3700 0.1600 0.2110 8  
## 2520 I 0.505 0.390 0.185 0.6125 0.2670 0.1420 0.1720 7  
## 2521 M 0.525 0.425 0.190 0.8720 0.4625 0.1725 0.1990 9  
## 2522 M 0.540 0.420 0.120 0.8115 0.3920 0.1455 0.2235 9  
## 2523 M 0.545 0.450 0.150 0.8795 0.3870 0.1500 0.2625 11  
## 2524 F 0.565 0.440 0.150 0.9830 0.4475 0.2355 0.2485 9  
## 2525 M 0.580 0.460 0.180 1.1450 0.4800 0.2770 0.3250 11  
## 2526 M 0.590 0.455 0.160 1.0900 0.5000 0.2215 0.2920 9  
## 2527 M 0.590 0.480 0.160 1.2620 0.5685 0.2725 0.3350 9  
## 2528 M 0.595 0.490 0.185 1.1850 0.4820 0.2015 0.3610 10  
## 2529 F 0.600 0.475 0.135 1.4405 0.5885 0.1910 0.3175 9  
## 2530 F 0.600 0.500 0.155 1.3320 0.6235 0.2835 0.3500 8  
## 2531 F 0.600 0.485 0.165 1.1405 0.5870 0.2175 0.2880 9  
## 2532 M 0.605 0.475 0.175 1.2010 0.5395 0.2750 0.3090 10  
## 2533 F 0.625 0.490 0.155 1.3300 0.6675 0.2590 0.3300 10  
## 2534 M 0.630 0.500 0.185 1.3620 0.5785 0.3125 0.3840 10  
## 2535 M 0.640 0.585 0.195 1.6470 0.7225 0.3310 0.4710 12  
## 2536 F 0.640 0.500 0.180 1.4995 0.5930 0.3140 0.4310 11  
## 2537 F 0.655 0.545 0.165 1.6225 0.6555 0.2990 0.5130 12  
## 2538 I 0.660 0.525 0.215 1.7860 0.6725 0.3615 0.4065 11  
## 2539 M 0.660 0.535 0.200 1.7910 0.7330 0.3180 0.5400 15  
## 2540 F 0.675 0.555 0.205 1.9250 0.7130 0.3580 0.4535 13  
## 2541 F 0.675 0.550 0.175 1.6890 0.6940 0.3710 0.4740 13  
## 2542 F 0.690 0.550 0.180 1.6590 0.8715 0.2655 0.4395 9  
## 2543 F 0.695 0.530 0.200 2.0475 0.7500 0.4195 0.6095 14  
## 2544 F 0.700 0.525 0.190 1.6015 0.7070 0.3650 0.4300 10  
## 2545 F 0.730 0.570 0.165 2.0165 1.0685 0.4180 0.4350 10  
## 2546 I 0.205 0.150 0.065 0.0400 0.0200 0.0110 0.0130 4  
## 2547 I 0.225 0.170 0.070 0.0565 0.0240 0.0130 0.0160 4  
## 2548 I 0.230 0.180 0.050 0.0640 0.0215 0.0135 0.0200 5  
## 2549 I 0.275 0.195 0.070 0.0875 0.0345 0.0220 0.0255 4  
## 2550 I 0.280 0.210 0.055 0.1060 0.0415 0.0265 0.0310 5  
## 2551 I 0.280 0.220 0.080 0.1315 0.0660 0.0240 0.0300 5  
## 2552 I 0.295 0.220 0.070 0.1260 0.0515 0.0275 0.0350 6  
## 2553 I 0.310 0.225 0.075 0.1550 0.0650 0.0370 0.0365 6  
## 2554 I 0.315 0.235 0.070 0.1490 0.0580 0.0325 0.0470 7  
## 2555 I 0.340 0.265 0.070 0.1850 0.0625 0.0395 0.0700 7  
## 2556 I 0.370 0.290 0.080 0.2545 0.1080 0.0565 0.0700 6  
## 2557 I 0.380 0.285 0.085 0.2370 0.1150 0.0405 0.0700 6  
## 2558 I 0.390 0.295 0.100 0.2790 0.1155 0.0590 0.0800 7  
## 2559 I 0.405 0.310 0.065 0.3205 0.1575 0.0660 0.0880 6  
## 2560 I 0.415 0.325 0.100 0.3335 0.1445 0.0715 0.0950 7  
## 2561 I 0.440 0.335 0.110 0.3885 0.1750 0.0835 0.1110 7  
## 2562 I 0.440 0.345 0.115 0.5450 0.2690 0.1110 0.1305 6  
## 2563 I 0.440 0.325 0.100 0.4165 0.1850 0.0865 0.1100 6  
## 2564 I 0.440 0.355 0.120 0.4950 0.2310 0.1100 0.1250 7  
## 2565 I 0.450 0.350 0.125 0.4775 0.2235 0.0890 0.1180 6  
## 2566 I 0.450 0.350 0.120 0.4680 0.2005 0.1065 0.1325 8  
## 2567 F 0.455 0.350 0.120 0.4555 0.1945 0.1045 0.1375 7  
## 2568 F 0.460 0.350 0.115 0.4600 0.2025 0.1115 0.1165 6  
## 2569 I 0.460 0.345 0.120 0.4155 0.1980 0.0885 0.1070 7  
## 2570 I 0.460 0.345 0.115 0.4215 0.1895 0.1020 0.1110 6  
## 2571 I 0.465 0.355 0.110 0.4740 0.2300 0.1005 0.1200 7  
## 2572 M 0.465 0.340 0.105 0.4860 0.2310 0.1035 0.1225 9  
## 2573 I 0.475 0.385 0.110 0.5735 0.3110 0.1025 0.1360 7  
## 2574 I 0.475 0.355 0.105 0.4680 0.2010 0.1115 0.1200 8  
## 2575 M 0.480 0.370 0.100 0.5135 0.2430 0.1015 0.1350 8  
## 2576 M 0.500 0.375 0.145 0.6215 0.2740 0.1660 0.1485 7  
## 2577 I 0.500 0.380 0.110 0.4940 0.2180 0.0900 0.1325 7  
## 2578 I 0.505 0.385 0.120 0.6005 0.2390 0.1420 0.1850 7  
## 2579 M 0.515 0.395 0.120 0.6460 0.2850 0.1365 0.1720 9  
## 2580 M 0.525 0.415 0.135 0.7945 0.3940 0.1890 0.2020 7  
## 2581 M 0.525 0.425 0.125 0.8120 0.4035 0.1705 0.1950 8  
## 2582 F 0.530 0.420 0.170 0.8280 0.4100 0.2080 0.1505 6  
## 2583 M 0.530 0.410 0.140 0.6810 0.3095 0.1415 0.1835 6  
## 2584 F 0.530 0.405 0.150 0.8890 0.4055 0.2275 0.2150 8  
## 2585 M 0.540 0.435 0.140 0.7345 0.3300 0.1595 0.2130 9  
## 2586 F 0.550 0.425 0.125 0.9640 0.5475 0.1590 0.2150 8  
## 2587 F 0.555 0.425 0.140 0.9630 0.4400 0.2240 0.2400 7  
## 2588 F 0.570 0.445 0.150 0.9950 0.5040 0.1850 0.2505 9  
## 2589 F 0.570 0.435 0.140 0.8585 0.3905 0.1960 0.2295 8  
## 2590 M 0.575 0.450 0.155 0.9480 0.4290 0.2060 0.2590 7  
## 2591 F 0.580 0.445 0.145 0.8880 0.4100 0.1815 0.2425 8  
## 2592 F 0.585 0.450 0.160 0.9045 0.4050 0.2215 0.2335 8  
## 2593 M 0.590 0.465 0.140 1.0460 0.4695 0.2630 0.2630 7  
## 2594 F 0.595 0.470 0.155 1.1775 0.5420 0.2690 0.3100 9  
## 2595 F 0.595 0.465 0.150 1.0765 0.4910 0.2200 0.2870 9  
## 2596 F 0.595 0.465 0.150 1.0255 0.4120 0.2745 0.2890 11  
## 2597 F 0.600 0.460 0.145 0.9325 0.3985 0.2245 0.2480 8  
## 2598 F 0.600 0.460 0.150 1.2350 0.6025 0.2740 0.2900 8  
## 2599 M 0.600 0.460 0.150 1.2470 0.5335 0.2735 0.2900 9  
## 2600 M 0.610 0.480 0.150 1.1495 0.5640 0.2740 0.2640 8  
## 2601 F 0.615 0.485 0.160 1.1575 0.5005 0.2495 0.3150 10  
## 2602 F 0.615 0.500 0.165 1.3270 0.6000 0.3015 0.3550 10  
## 2603 M 0.615 0.470 0.155 1.2000 0.5085 0.3200 0.2920 8  
## 2604 F 0.620 0.510 0.175 1.2705 0.5415 0.3230 0.3225 9  
## 2605 F 0.620 0.485 0.175 1.2155 0.5450 0.2530 0.3450 10  
## 2606 F 0.620 0.475 0.160 1.3245 0.6865 0.2330 0.3275 9  
## 2607 M 0.625 0.480 0.170 1.3555 0.6710 0.2680 0.3385 10  
## 2608 F 0.625 0.490 0.165 1.1270 0.4770 0.2365 0.3185 9  
## 2609 F 0.625 0.490 0.175 1.1075 0.4485 0.2165 0.3595 8  
## 2610 F 0.630 0.495 0.200 1.4255 0.6590 0.3360 0.3800 11  
## 2611 F 0.630 0.495 0.145 1.1470 0.5455 0.2660 0.2885 9  
## 2612 M 0.630 0.480 0.165 1.2860 0.6040 0.2710 0.3500 8  
## 2613 F 0.635 0.495 0.180 1.5960 0.6170 0.3170 0.3700 11  
## 2614 F 0.635 0.495 0.195 1.2970 0.5560 0.2985 0.3700 11  
## 2615 M 0.645 0.490 0.160 1.2510 0.5355 0.3345 0.3165 9  
## 2616 M 0.645 0.500 0.175 1.5105 0.6735 0.3755 0.3775 12  
## 2617 F 0.650 0.500 0.185 1.4415 0.7410 0.2955 0.3410 9  
## 2618 M 0.670 0.520 0.190 1.6385 0.8115 0.3690 0.3910 9  
## 2619 F 0.690 0.545 0.205 1.9330 0.7855 0.4290 0.4980 13  
## 2620 M 0.690 0.540 0.185 1.7100 0.7725 0.3855 0.4325 8  
## 2621 F 0.695 0.550 0.155 1.8495 0.7670 0.4420 0.4175 10  
## 2622 M 0.695 0.525 0.175 1.7420 0.6960 0.3890 0.5050 12  
## 2623 F 0.700 0.575 0.205 1.7975 0.7295 0.3935 0.5165 13  
## 2624 F 0.705 0.560 0.205 2.3810 0.9915 0.5005 0.6240 10  
## 2625 M 0.765 0.585 0.180 2.3980 1.1280 0.5120 0.5335 12  
## 2626 M 0.770 0.600 0.215 2.1945 1.0515 0.4820 0.5840 10  
## 2627 I 0.220 0.160 0.050 0.0490 0.0215 0.0100 0.0150 4  
## 2628 I 0.275 0.205 0.070 0.1055 0.4950 0.0190 0.0315 5  
## 2629 I 0.290 0.210 0.060 0.1045 0.0415 0.0220 0.0350 5  
## 2630 I 0.330 0.240 0.075 0.1630 0.0745 0.0330 0.0480 6  
## 2631 I 0.355 0.285 0.095 0.2275 0.0955 0.0475 0.0715 6  
## 2632 I 0.375 0.290 0.100 0.2190 0.0925 0.0380 0.0750 6  
## 2633 I 0.415 0.315 0.100 0.3645 0.1765 0.0795 0.0950 8  
## 2634 I 0.425 0.330 0.115 0.3265 0.1315 0.0770 0.1030 6  
## 2635 I 0.425 0.340 0.100 0.3515 0.1625 0.0820 0.0940 7  
## 2636 I 0.430 0.320 0.100 0.3465 0.1635 0.0800 0.0900 7  
## 2637 I 0.440 0.340 0.100 0.4070 0.2090 0.0735 0.1030 7  
## 2638 I 0.440 0.335 0.115 0.4215 0.1730 0.0765 0.1130 7  
## 2639 I 0.460 0.345 0.110 0.3755 0.1525 0.0580 0.1250 7  
## 2640 I 0.460 0.370 0.120 0.5335 0.2645 0.1080 0.1345 6  
## 2641 I 0.465 0.355 0.105 0.4420 0.2085 0.0975 0.1185 7  
## 2642 I 0.475 0.365 0.100 0.1315 0.2025 0.0875 0.1230 7  
## 2643 I 0.475 0.375 0.115 0.5205 0.2330 0.1190 0.1455 7  
## 2644 I 0.485 0.375 0.130 0.5535 0.2660 0.1120 0.1570 8  
## 2645 I 0.490 0.375 0.125 0.5445 0.2790 0.1150 0.1300 8  
## 2646 M 0.490 0.380 0.110 0.5540 0.2935 0.1005 0.1500 8  
## 2647 I 0.495 0.380 0.120 0.5120 0.2330 0.1205 0.1360 7  
## 2648 I 0.500 0.390 0.125 0.5830 0.2940 0.1320 0.1605 8  
## 2649 M 0.500 0.380 0.120 0.5765 0.2730 0.1350 0.1450 9  
## 2650 M 0.505 0.400 0.135 0.7230 0.3770 0.1490 0.1780 7  
## 2651 I 0.510 0.395 0.155 0.5395 0.2465 0.1085 0.1670 8  
## 2652 I 0.510 0.385 0.150 0.6250 0.3095 0.1190 0.1725 8  
## 2653 I 0.515 0.400 0.125 0.5925 0.2650 0.1175 0.1680 9  
## 2654 I 0.520 0.395 0.135 0.6330 0.2985 0.1295 0.1750 9  
## 2655 F 0.545 0.430 0.140 0.8320 0.4355 0.1700 0.2010 9  
## 2656 M 0.545 0.420 0.145 0.7780 0.3745 0.1545 0.2050 7  
## 2657 M 0.545 0.420 0.120 0.7865 0.4030 0.1850 0.1700 7  
## 2658 F 0.545 0.400 0.140 0.7780 0.3680 0.2150 0.1800 9  
## 2659 I 0.550 0.420 0.130 0.6360 0.2940 0.1440 0.1755 8  
## 2660 F 0.550 0.440 0.135 0.8435 0.4340 0.1995 0.1850 8  
## 2661 I 0.555 0.425 0.130 0.6480 0.2835 0.1330 0.2105 8  
## 2662 M 0.565 0.430 0.130 0.7840 0.3495 0.1885 0.2130 9  
## 2663 F 0.570 0.450 0.180 0.9080 0.4015 0.2170 0.2550 9  
## 2664 M 0.570 0.450 0.135 1.0200 0.5460 0.2040 0.2500 9  
## 2665 F 0.570 0.430 0.160 0.8110 0.3875 0.1590 0.2285 9  
## 2666 F 0.575 0.480 0.150 0.8970 0.4235 0.1905 0.2480 8  
## 2667 M 0.580 0.455 0.130 0.8520 0.4100 0.1725 0.2250 8  
## 2668 F 0.585 0.450 0.150 0.9380 0.4670 0.2030 0.2250 7  
## 2669 F 0.585 0.435 0.140 0.6955 0.3085 0.1290 0.2245 8  
## 2670 M 0.590 0.470 0.150 0.8610 0.4130 0.1640 0.2490 8  
## 2671 M 0.590 0.460 0.140 1.0040 0.4960 0.2165 0.2600 9  
## 2672 F 0.590 0.460 0.160 1.0115 0.4450 0.2615 0.2565 8  
## 2673 F 0.595 0.465 0.150 1.1005 0.5415 0.1660 0.2650 8  
## 2674 M 0.595 0.470 0.165 1.1080 0.4915 0.2325 0.3345 9  
## 2675 M 0.595 0.460 0.140 0.8520 0.4215 0.2255 0.2270 9  
## 2676 M 0.600 0.490 0.210 1.9875 1.0050 0.4190 0.4910 10  
## 2677 F 0.605 0.480 0.150 1.0790 0.4505 0.2835 0.2930 10  
## 2678 F 0.615 0.475 0.170 1.0550 0.5430 0.2460 0.2345 9  
## 2679 M 0.615 0.450 0.150 1.1980 0.7070 0.2095 0.2505 7  
## 2680 F 0.615 0.470 0.155 1.0840 0.5885 0.2090 0.2460 9  
## 2681 M 0.615 0.475 0.175 1.1030 0.4635 0.3095 0.2725 10  
## 2682 M 0.620 0.490 0.155 1.1000 0.5050 0.2475 0.3100 9  
## 2683 M 0.620 0.480 0.150 1.1015 0.4965 0.2430 0.3050 10  
## 2684 M 0.625 0.495 0.185 1.3835 0.7105 0.3005 0.3450 11  
## 2685 F 0.625 0.490 0.155 1.1150 0.4840 0.2770 0.3095 9  
## 2686 M 0.625 0.480 0.145 1.0850 0.4645 0.2445 0.3270 10  
## 2687 M 0.630 0.505 0.150 1.3165 0.6325 0.2465 0.3700 11  
## 2688 M 0.630 0.510 0.175 1.3415 0.6575 0.2620 0.3750 10  
## 2689 M 0.630 0.465 0.150 1.0270 0.5370 0.1880 0.1760 8  
## 2690 M 0.645 0.515 0.160 1.1845 0.5060 0.3110 0.3350 9  
## 2691 M 0.645 0.480 0.150 1.1920 0.6055 0.2595 0.2850 9  
## 2692 F 0.645 0.520 0.180 1.2850 0.5775 0.3520 0.3170 9  
## 2693 M 0.650 0.515 0.125 1.1805 0.5235 0.2830 0.3275 9  
## 2694 M 0.650 0.520 0.175 1.2655 0.6150 0.2775 0.3360 9  
## 2695 F 0.650 0.535 0.175 1.2895 0.6095 0.2765 0.3440 10  
## 2696 M 0.650 0.510 0.155 1.4070 0.7215 0.2980 0.3350 9  
## 2697 F 0.650 0.490 0.155 1.1220 0.5450 0.2280 0.3055 9  
## 2698 M 0.660 0.515 0.165 1.4465 0.6940 0.2980 0.3755 10  
## 2699 F 0.665 0.505 0.165 1.3490 0.5985 0.3175 0.3600 9  
## 2700 M 0.670 0.500 0.200 1.2690 0.5760 0.2985 0.3510 11  
## 2701 M 0.670 0.510 0.180 1.6800 0.9260 0.2975 0.3935 13  
## 2702 F 0.675 0.550 0.190 1.5510 0.7105 0.3685 0.4120 13  
## 2703 M 0.680 0.520 0.165 1.4775 0.7240 0.2790 0.4060 11  
## 2704 M 0.680 0.530 0.180 1.5290 0.7635 0.3115 0.4025 11  
## 2705 M 0.700 0.525 0.175 1.7585 0.8745 0.3615 0.4700 10  
## 2706 M 0.700 0.550 0.200 1.5230 0.6930 0.3060 0.4405 13  
## 2707 F 0.725 0.530 0.190 1.7315 0.8300 0.3980 0.4050 11  
## 2708 M 0.725 0.550 0.200 1.5100 0.8735 0.4265 0.5085 9  
## 2709 M 0.735 0.570 0.175 1.8800 0.9095 0.3870 0.4880 11  
## 2710 F 0.740 0.575 0.220 2.0120 0.8915 0.5265 0.4710 12  
## 2711 M 0.750 0.555 0.215 2.2010 1.0615 0.5235 0.5285 11  
## 2712 I 0.190 0.140 0.030 0.0315 0.0125 0.0050 0.0105 3  
## 2713 I 0.210 0.150 0.045 0.0400 0.0135 0.0080 0.0105 4  
## 2714 I 0.250 0.175 0.060 0.0635 0.0275 0.0080 0.0200 4  
## 2715 I 0.290 0.215 0.065 0.0985 0.0425 0.0210 0.0310 5  
## 2716 I 0.335 0.250 0.080 0.1670 0.0675 0.0325 0.0575 6  
## 2717 I 0.340 0.245 0.085 0.2015 0.1005 0.0380 0.0530 6  
## 2718 I 0.345 0.255 0.095 0.1830 0.0750 0.0385 0.0600 6  
## 2719 I 0.355 0.255 0.080 0.1870 0.0780 0.0505 0.0580 7  
## 2720 I 0.360 0.260 0.080 0.1795 0.0740 0.0315 0.0600 5  
## 2721 I 0.370 0.275 0.090 0.2065 0.0960 0.0395 0.0580 7  
## 2722 I 0.375 0.290 0.140 0.3000 0.1400 0.0625 0.0825 8  
## 2723 I 0.375 0.275 0.095 0.2295 0.0950 0.0545 0.0660 7  
## 2724 I 0.385 0.300 0.125 0.3430 0.1705 0.0735 0.0810 7  
## 2725 I 0.385 0.285 0.085 0.2440 0.1215 0.0445 0.0680 8  
## 2726 I 0.395 0.320 0.100 0.3075 0.1490 0.0535 0.0900 8  
## 2727 I 0.400 0.305 0.100 0.3415 0.1760 0.0625 0.0865 7  
## 2728 I 0.405 0.305 0.100 0.2710 0.0965 0.0610 0.0910 7  
## 2729 I 0.405 0.310 0.110 0.9100 0.4160 0.2075 0.0995 8  
## 2730 I 0.405 0.305 0.100 0.2680 0.1145 0.0530 0.0850 7  
## 2731 I 0.405 0.300 0.090 0.2885 0.1380 0.0635 0.0765 6  
## 2732 I 0.410 0.315 0.100 0.3000 0.1240 0.0575 0.1000 8  
## 2733 I 0.410 0.325 0.110 0.3260 0.1325 0.0750 0.1010 8  
## 2734 I 0.415 0.335 0.100 0.3580 0.1690 0.0670 0.1050 7  
## 2735 I 0.420 0.325 0.115 0.3140 0.1295 0.0635 0.1000 8  
## 2736 I 0.420 0.315 0.110 0.4025 0.1855 0.0830 0.1015 8  
## 2737 I 0.430 0.340 0.110 0.3645 0.1590 0.0855 0.1050 7  
## 2738 I 0.445 0.360 0.110 0.4235 0.1820 0.0765 0.1400 9  
## 2739 M 0.450 0.325 0.115 0.4305 0.2235 0.0785 0.1155 8  
## 2740 I 0.450 0.335 0.095 0.3505 0.1615 0.0625 0.1185 7  
## 2741 I 0.455 0.340 0.115 0.4860 0.2610 0.0655 0.1315 8  
## 2742 I 0.460 0.350 0.100 0.4710 0.2520 0.0770 0.1230 8  
## 2743 I 0.460 0.345 0.105 0.4150 0.1870 0.0870 0.1100 8  
## 2744 I 0.475 0.355 0.115 0.5195 0.2790 0.0880 0.1325 7  
## 2745 M 0.480 0.375 0.120 0.5895 0.2535 0.1280 0.1720 11  
## 2746 I 0.485 0.380 0.125 0.5215 0.2215 0.1180 0.1600 8  
## 2747 I 0.485 0.365 0.140 0.4475 0.1895 0.0925 0.2305 8  
## 2748 I 0.490 0.365 0.125 0.5585 0.2520 0.1260 0.1615 10  
## 2749 I 0.505 0.385 0.125 0.5960 0.2450 0.0970 0.2100 9  
## 2750 I 0.505 0.380 0.135 0.5385 0.2645 0.0950 0.1650 9  
## 2751 I 0.510 0.385 0.145 0.7665 0.3985 0.1400 0.1805 8  
## 2752 F 0.515 0.395 0.135 0.5160 0.2015 0.1320 0.1620 9  
## 2753 M 0.515 0.410 0.140 0.7355 0.3065 0.1370 0.2000 7  
## 2754 I 0.515 0.390 0.110 0.5310 0.2415 0.0980 0.1615 8  
## 2755 I 0.525 0.385 0.130 0.6070 0.2355 0.1250 0.1950 8  
## 2756 F 0.525 0.415 0.150 0.7055 0.3290 0.1470 0.1990 10  
## 2757 I 0.525 0.400 0.130 0.6445 0.3450 0.1285 0.2000 8  
## 2758 I 0.525 0.375 0.120 0.6315 0.3045 0.1140 0.1900 9  
## 2759 M 0.535 0.430 0.155 0.7845 0.3285 0.1690 0.2450 10  
## 2760 F 0.545 0.440 0.150 0.9475 0.3660 0.2390 0.2750 8  
## 2761 I 0.550 0.430 0.145 0.7120 0.3025 0.1520 0.2250 10  
## 2762 I 0.550 0.425 0.145 0.8900 0.4325 0.1710 0.2360 10  
## 2763 I 0.550 0.420 0.155 0.9120 0.4950 0.1805 0.2050 9  
## 2764 I 0.550 0.425 0.135 0.6560 0.2570 0.1700 0.2030 10  
## 2765 I 0.550 0.465 0.150 0.9360 0.4810 0.1740 0.2435 9  
## 2766 I 0.555 0.435 0.145 0.6975 0.2620 0.1575 0.2400 11  
## 2767 F 0.555 0.445 0.175 1.1465 0.5510 0.2440 0.2785 8  
## 2768 I 0.560 0.440 0.140 0.8250 0.4020 0.1390 0.2450 10  
## 2769 I 0.560 0.435 0.135 0.7200 0.3290 0.1030 0.2510 11  
## 2770 I 0.565 0.430 0.150 0.8215 0.3320 0.1685 0.2900 11  
## 2771 F 0.570 0.445 0.155 1.0170 0.5265 0.2025 0.2650 10  
## 2772 F 0.575 0.435 0.155 0.8975 0.4115 0.2325 0.2300 9  
## 2773 M 0.580 0.440 0.175 1.2255 0.5405 0.2705 0.3265 10  
## 2774 F 0.580 0.465 0.145 0.9865 0.4700 0.2155 0.2500 11  
## 2775 F 0.580 0.425 0.150 0.8440 0.3645 0.1850 0.2705 9  
## 2776 I 0.585 0.460 0.145 0.8465 0.3390 0.1670 0.2950 10  
## 2777 M 0.585 0.465 0.165 0.8850 0.4025 0.1625 0.2740 10  
## 2778 I 0.585 0.420 0.145 0.6735 0.2895 0.1345 0.2200 9  
## 2779 F 0.585 0.455 0.130 0.8755 0.4110 0.2065 0.2250 8  
## 2780 M 0.590 0.470 0.145 0.9235 0.4545 0.1730 0.2540 9  
## 2781 M 0.590 0.475 0.140 0.9770 0.4625 0.2025 0.2750 10  
## 2782 M 0.595 0.475 0.140 1.0305 0.4925 0.2170 0.2780 10  
## 2783 M 0.600 0.480 0.090 1.0500 0.4570 0.2685 0.2800 8  
## 2784 M 0.600 0.495 0.185 1.1145 0.5055 0.2635 0.3670 11  
## 2785 M 0.600 0.450 0.145 0.8770 0.4325 0.1550 0.2400 9  
## 2786 M 0.600 0.510 0.185 1.2850 0.6095 0.2745 0.3150 9  
## 2787 M 0.610 0.480 0.185 1.3065 0.6895 0.2915 0.2900 10  
## 2788 F 0.610 0.450 0.130 0.8725 0.3890 0.1715 0.2720 11  
## 2789 F 0.615 0.460 0.150 1.0265 0.4935 0.2010 0.2745 10  
## 2790 F 0.620 0.465 0.140 1.1605 0.6005 0.2195 0.3070 9  
## 2791 F 0.620 0.480 0.165 1.0125 0.5325 0.4365 0.3240 10  
## 2792 M 0.625 0.500 0.140 1.0960 0.5445 0.2165 0.2950 10  
## 2793 M 0.625 0.490 0.165 1.2050 0.5175 0.3105 0.3465 10  
## 2794 M 0.630 0.505 0.175 1.2210 0.5550 0.2520 0.3400 12  
## 2795 F 0.630 0.475 0.155 1.0005 0.4520 0.2520 0.2650 10  
## 2796 M 0.630 0.470 0.150 1.1355 0.5390 0.2325 0.3115 12  
## 2797 M 0.630 0.525 0.195 1.3135 0.4935 0.2565 0.4650 10  
## 2798 M 0.640 0.505 0.155 1.1955 0.5565 0.2110 0.3460 11  
## 2799 M 0.640 0.485 0.150 1.0980 0.5195 0.2220 0.3175 10  
## 2800 M 0.640 0.495 0.170 1.1390 0.5395 0.2820 0.2850 10  
## 2801 F 0.640 0.495 0.170 1.2265 0.4900 0.3770 0.2875 11  
## 2802 M 0.640 0.515 0.080 1.0420 0.5150 0.1755 0.1750 10  
## 2803 M 0.650 0.520 0.155 1.3680 0.6185 0.2880 0.3650 9  
## 2804 M 0.650 0.510 0.175 1.4460 0.6485 0.2705 0.4500 12  
## 2805 F 0.660 0.505 0.190 1.4045 0.6255 0.3375 0.3745 9  
## 2806 F 0.660 0.525 0.200 1.4630 0.6525 0.2995 0.4220 11  
## 2807 F 0.675 0.525 0.170 1.7110 0.8365 0.3520 0.4750 9  
## 2808 M 0.700 0.540 0.205 1.7400 0.7885 0.3730 0.4865 13  
## 2809 F 0.705 0.540 0.205 1.7570 0.8265 0.4170 0.4610 9  
## 2810 M 0.710 0.565 0.200 1.6010 0.7060 0.3210 0.4500 11  
## 2811 M 0.720 0.550 0.205 2.1650 1.1055 0.5250 0.4040 10  
## 2812 M 0.725 0.570 0.190 2.3305 1.2530 0.5410 0.5200 9  
## 2813 I 0.240 0.170 0.050 0.0545 0.0205 0.0160 0.0155 5  
## 2814 I 0.255 0.195 0.055 0.0725 0.0285 0.0170 0.0210 4  
## 2815 I 0.275 0.200 0.055 0.0925 0.0380 0.0210 0.0260 4  
## 2816 I 0.320 0.235 0.090 0.1830 0.0980 0.0335 0.0420 7  
## 2817 I 0.325 0.240 0.075 0.1525 0.0720 0.0645 0.0430 6  
## 2818 I 0.330 0.225 0.075 0.1870 0.0945 0.0395 0.0425 7  
## 2819 I 0.360 0.270 0.090 0.2320 0.1200 0.0435 0.0560 8  
## 2820 I 0.375 0.265 0.095 0.1960 0.0850 0.0420 0.0585 5  
## 2821 I 0.375 0.285 0.090 0.2545 0.1190 0.0595 0.0675 6  
## 2822 I 0.390 0.290 0.090 0.2625 0.1170 0.0540 0.0770 7  
## 2823 I 0.450 0.335 0.105 0.3620 0.1575 0.0795 0.1095 7  
## 2824 I 0.455 0.350 0.105 0.4445 0.2130 0.1070 0.1115 7  
## 2825 I 0.460 0.365 0.115 0.5110 0.2365 0.1180 0.1230 7  
## 2826 I 0.495 0.375 0.120 0.5890 0.3075 0.1215 0.1405 8  
## 2827 M 0.500 0.365 0.130 0.5945 0.3090 0.1085 0.1535 9  
## 2828 I 0.500 0.375 0.120 0.5290 0.2235 0.1230 0.1600 8  
## 2829 M 0.520 0.400 0.105 0.8720 0.4515 0.1615 0.1985 9  
## 2830 I 0.520 0.395 0.145 0.7700 0.4240 0.1420 0.1895 7  
## 2831 F 0.525 0.430 0.135 0.8435 0.4325 0.1800 0.1815 9  
## 2832 M 0.535 0.405 0.140 0.8180 0.4020 0.1715 0.1890 7  
## 2833 F 0.540 0.420 0.140 0.8035 0.3800 0.1805 0.2100 9  
## 2834 F 0.540 0.415 0.150 0.8115 0.3875 0.1875 0.2035 9  
## 2835 F 0.570 0.425 0.130 0.7820 0.3695 0.1745 0.1965 8  
## 2836 M 0.570 0.420 0.140 0.8745 0.4160 0.1650 0.2500 8  
## 2837 M 0.580 0.445 0.160 0.9840 0.4900 0.2010 0.2700 9  
## 2838 F 0.580 0.445 0.135 0.9500 0.4840 0.1820 0.2325 8  
## 2839 M 0.590 0.470 0.155 1.1735 0.6245 0.2330 0.2595 9  
## 2840 F 0.590 0.455 0.150 0.9760 0.4650 0.2055 0.2765 10  
## 2841 M 0.590 0.485 0.155 1.0785 0.4535 0.2435 0.3100 9  
## 2842 M 0.595 0.435 0.160 1.0570 0.4255 0.2240 0.3100 9  
## 2843 M 0.600 0.475 0.175 1.1100 0.5105 0.2560 0.2850 9  
## 2844 M 0.600 0.450 0.160 1.1420 0.5390 0.2250 0.3070 10  
## 2845 M 0.605 0.475 0.190 1.1255 0.5900 0.2470 0.2600 10  
## 2846 F 0.620 0.480 0.170 1.1045 0.5350 0.2500 0.2870 10  
## 2847 M 0.625 0.475 0.175 1.3405 0.6560 0.2830 0.3370 10  
## 2848 M 0.625 0.500 0.130 1.0820 0.5785 0.2045 0.2500 8  
## 2849 F 0.625 0.485 0.160 1.2540 0.5910 0.2590 0.3485 9  
## 2850 M 0.630 0.490 0.165 1.2005 0.5750 0.2730 0.2940 10  
## 2851 M 0.630 0.485 0.160 1.2430 0.6230 0.2750 0.3000 10  
## 2852 F 0.635 0.510 0.185 1.2860 0.5260 0.2950 0.4105 12  
## 2853 F 0.645 0.490 0.160 1.1665 0.4935 0.3155 0.2990 9  
## 2854 F 0.645 0.490 0.160 1.1440 0.5015 0.2890 0.3190 8  
## 2855 F 0.650 0.525 0.190 1.3850 0.8875 0.3095 0.4050 11  
## 2856 F 0.655 0.515 0.155 1.3090 0.5240 0.3460 0.3850 11  
## 2857 F 0.655 0.515 0.170 1.5270 0.8485 0.2635 0.3310 11  
## 2858 M 0.665 0.515 0.190 1.6385 0.8310 0.3575 0.3710 11  
## 2859 M 0.695 0.540 0.195 1.6910 0.7680 0.3630 0.4755 11  
## 2860 F 0.720 0.565 0.180 1.7190 0.8465 0.4070 0.3875 11  
## 2861 F 0.720 0.550 0.180 1.5200 0.6370 0.3250 0.4350 10  
## 2862 F 0.720 0.565 0.170 1.6130 0.7230 0.3255 0.4945 12  
## 2863 M 0.735 0.570 0.210 2.2355 1.1705 0.4630 0.5315 10  
## 2864 M 0.740 0.595 0.190 2.3235 1.1495 0.5115 0.5050 11  
## 2865 I 0.310 0.230 0.070 0.1245 0.0505 0.0265 0.0380 6  
## 2866 I 0.315 0.235 0.075 0.1285 0.0510 0.0280 0.0405 4  
## 2867 I 0.320 0.205 0.080 0.1810 0.0880 0.0340 0.0495 5  
## 2868 I 0.325 0.250 0.075 0.1585 0.0750 0.0305 0.0455 6  
## 2869 I 0.335 0.260 0.090 0.1965 0.0875 0.0410 0.0560 7  
## 2870 I 0.370 0.280 0.085 0.1980 0.0805 0.0455 0.0580 5  
## 2871 I 0.370 0.270 0.090 0.1855 0.0700 0.0425 0.0650 7  
## 2872 I 0.375 0.280 0.085 0.2145 0.0855 0.0485 0.0720 7  
## 2873 I 0.400 0.315 0.090 0.3245 0.1510 0.0730 0.0880 8  
## 2874 I 0.410 0.305 0.095 0.2625 0.1000 0.0515 0.0900 6  
## 2875 I 0.425 0.340 0.100 0.3710 0.1500 0.0865 0.1150 8  
## 2876 I 0.435 0.335 0.095 0.2980 0.1090 0.0580 0.1150 7  
## 2877 I 0.445 0.310 0.090 0.3360 0.1555 0.0900 0.0855 7  
## 2878 I 0.460 0.360 0.140 0.4470 0.1610 0.0870 0.1600 9  
## 2879 F 0.465 0.350 0.110 0.4085 0.1650 0.1020 0.1310 8  
## 2880 I 0.470 0.385 0.130 0.5870 0.2640 0.1170 0.1740 8  
## 2881 I 0.475 0.375 0.110 0.4940 0.2110 0.1090 0.1545 8  
## 2882 I 0.495 0.375 0.120 0.6140 0.2855 0.1365 0.1610 8  
## 2883 I 0.500 0.390 0.130 0.5075 0.2115 0.1040 0.1755 9  
## 2884 I 0.500 0.370 0.120 0.5445 0.2490 0.1065 0.1520 8  
## 2885 I 0.505 0.425 0.125 0.6115 0.2450 0.1375 0.2000 9  
## 2886 I 0.505 0.400 0.125 0.5605 0.2255 0.1435 0.1700 8  
## 2887 M 0.505 0.365 0.115 0.5210 0.2500 0.0960 0.1500 8  
## 2888 I 0.510 0.400 0.145 0.5775 0.2310 0.1430 0.1770 9  
## 2889 I 0.510 0.400 0.125 0.5935 0.2390 0.1300 0.2040 8  
## 2890 I 0.520 0.400 0.110 0.5970 0.2935 0.1155 0.1600 8  
## 2891 M 0.520 0.465 0.150 0.9505 0.4560 0.1990 0.2550 8  
## 2892 I 0.530 0.380 0.125 0.6160 0.2920 0.1130 0.1850 8  
## 2893 M 0.530 0.405 0.150 0.8315 0.3520 0.1870 0.2525 10  
## 2894 F 0.535 0.445 0.125 0.8725 0.4170 0.1990 0.2400 8  
## 2895 I 0.540 0.425 0.130 0.8155 0.3675 0.1365 0.2460 11  
## 2896 I 0.540 0.415 0.110 0.6190 0.2755 0.1500 0.1765 10  
## 2897 I 0.545 0.430 0.130 0.7595 0.3580 0.1530 0.2055 8  
## 2898 I 0.545 0.430 0.150 0.7420 0.3525 0.1580 0.2080 10  
## 2899 I 0.550 0.435 0.165 0.8040 0.3400 0.1940 0.2440 8  
## 2900 I 0.550 0.425 0.130 0.6640 0.2695 0.1630 0.2100 8  
## 2901 F 0.550 0.435 0.140 0.7450 0.3470 0.1740 0.2265 9  
## 2902 I 0.560 0.430 0.130 0.7280 0.3355 0.1435 0.2175 8  
## 2903 I 0.560 0.435 0.130 0.7770 0.3540 0.1730 0.2220 9  
## 2904 F 0.575 0.425 0.150 0.8765 0.4550 0.1800 0.2280 8  
## 2905 I 0.575 0.455 0.160 0.9895 0.4950 0.1950 0.2460 9  
## 2906 M 0.575 0.450 0.165 0.9655 0.4980 0.1900 0.2300 8  
## 2907 M 0.580 0.465 0.150 0.9065 0.3710 0.1965 0.2900 8  
## 2908 M 0.580 0.460 0.150 1.0490 0.5205 0.1935 0.3050 10  
## 2909 F 0.580 0.450 0.170 0.9705 0.4615 0.2320 0.2480 9  
## 2910 F 0.580 0.450 0.150 0.9200 0.3930 0.2120 0.2895 9  
## 2911 M 0.580 0.445 0.150 0.9525 0.4315 0.1945 0.2870 11  
## 2912 F 0.580 0.440 0.125 0.7855 0.3630 0.1955 0.1950 11  
## 2913 I 0.585 0.450 0.135 0.8550 0.3795 0.1870 0.2600 9  
## 2914 M 0.590 0.500 0.150 1.1420 0.4850 0.2650 0.3450 9  
## 2915 I 0.590 0.460 0.125 0.7550 0.3340 0.1500 0.2380 9  
## 2916 I 0.590 0.475 0.145 0.9745 0.4675 0.2070 0.2590 10  
## 2917 M 0.595 0.470 0.155 1.2015 0.4920 0.3865 0.2650 10  
## 2918 M 0.595 0.460 0.170 1.1295 0.5700 0.2555 0.2650 10  
## 2919 I 0.600 0.445 0.135 0.9205 0.4450 0.2035 0.2530 9  
## 2920 F 0.600 0.480 0.170 1.0560 0.4575 0.2435 0.3135 10  
## 2921 M 0.600 0.450 0.195 1.3400 0.6170 0.3255 0.3605 10  
## 2922 F 0.600 0.450 0.150 0.9625 0.4375 0.2225 0.2775 9  
## 2923 M 0.600 0.465 0.165 1.0475 0.4650 0.2345 0.3150 11  
## 2924 F 0.605 0.495 0.170 1.0915 0.4365 0.2715 0.3350 13  
## 2925 M 0.605 0.490 0.180 1.1670 0.4570 0.2900 0.3745 9  
## 2926 I 0.605 0.480 0.155 0.9995 0.4250 0.1985 0.3000 10  
## 2927 I 0.610 0.425 0.155 1.0485 0.5070 0.1955 0.2740 11  
## 2928 F 0.610 0.470 0.195 1.2735 0.4690 0.3315 0.3980 12  
## 2929 M 0.610 0.480 0.140 1.0625 0.5160 0.2250 0.2915 11  
## 2930 I 0.610 0.490 0.160 1.1545 0.5865 0.2385 0.2915 11  
## 2931 F 0.615 0.475 0.175 1.1940 0.5590 0.2590 0.3165 11  
## 2932 F 0.615 0.515 0.135 1.1215 0.5450 0.2305 0.2900 9  
## 2933 M 0.615 0.455 0.150 0.9335 0.3820 0.2470 0.2615 10  
## 2934 F 0.615 0.495 0.165 1.1980 0.5415 0.2865 0.3185 10  
## 2935 F 0.620 0.475 0.150 0.9545 0.4550 0.1865 0.2770 9  
## 2936 M 0.620 0.475 0.195 1.3585 0.5935 0.3365 0.3745 10  
## 2937 M 0.625 0.495 0.175 1.2075 0.5310 0.2810 0.3525 11  
## 2938 M 0.625 0.515 0.165 1.2170 0.6670 0.2065 0.3115 10  
## 2939 F 0.625 0.500 0.160 1.2170 0.5725 0.2070 0.3550 11  
## 2940 F 0.625 0.490 0.145 0.9200 0.4370 0.1735 0.2800 10  
## 2941 M 0.625 0.490 0.120 0.8765 0.4560 0.1800 0.2330 10  
## 2942 F 0.630 0.480 0.165 1.2615 0.5505 0.2770 0.3885 10  
## 2943 M 0.630 0.530 0.180 1.2795 0.6180 0.2560 0.3150 9  
## 2944 F 0.630 0.485 0.185 1.1670 0.5480 0.2485 0.3400 10  
## 2945 M 0.630 0.510 0.170 1.1885 0.4915 0.3065 0.3480 7  
## 2946 F 0.635 0.485 0.190 1.3765 0.6340 0.2885 0.4060 11  
## 2947 M 0.635 0.520 0.175 1.2920 0.6000 0.2690 0.3670 11  
## 2948 M 0.635 0.485 0.180 1.1795 0.4785 0.2775 0.3550 10  
## 2949 F 0.635 0.500 0.190 1.2900 0.5930 0.3045 0.3520 8  
## 2950 M 0.635 0.515 0.160 1.2075 0.5385 0.2820 0.3450 11  
## 2951 M 0.640 0.505 0.180 1.2970 0.5900 0.3125 0.3630 11  
## 2952 M 0.640 0.575 0.175 1.4585 0.6250 0.2660 0.4395 11  
## 2953 F 0.645 0.485 0.150 1.1510 0.5935 0.2315 0.2930 12  
## 2954 F 0.645 0.520 0.170 1.1970 0.5260 0.2925 0.3170 11  
## 2955 M 0.645 0.495 0.190 1.5390 0.6115 0.4080 0.4450 12  
## 2956 M 0.650 0.520 0.195 1.6760 0.6930 0.4400 0.4700 15  
## 2957 F 0.650 0.565 0.200 1.6645 0.7530 0.3670 0.4300 12  
## 2958 F 0.655 0.500 0.205 1.5280 0.6215 0.3725 0.4535 11  
## 2959 F 0.655 0.515 0.200 1.4940 0.7255 0.3090 0.4050 12  
## 2960 F 0.660 0.525 0.160 1.2770 0.4975 0.3190 0.3940 13  
## 2961 F 0.660 0.525 0.180 1.5965 0.7765 0.3970 0.3605 10  
## 2962 F 0.665 0.510 0.175 1.3805 0.6750 0.2985 0.3250 10  
## 2963 I 0.670 0.485 0.175 1.2565 0.5355 0.3220 0.3860 9  
## 2964 F 0.670 0.525 0.190 1.5270 0.5755 0.3530 0.4400 12  
## 2965 M 0.670 0.525 0.170 1.4005 0.7150 0.3025 0.3870 9  
## 2966 M 0.670 0.525 0.195 1.4405 0.6595 0.2675 0.4250 9  
## 2967 M 0.670 0.540 0.175 1.4820 0.7390 0.2925 0.3650 10  
## 2968 M 0.680 0.515 0.160 1.2345 0.6180 0.2625 0.3250 11  
## 2969 F 0.680 0.505 0.170 1.3435 0.6570 0.2970 0.3550 12  
## 2970 M 0.685 0.505 0.190 1.5330 0.6670 0.4055 0.4100 10  
## 2971 M 0.690 0.515 0.180 1.8445 0.9815 0.4655 0.3410 13  
## 2972 M 0.715 0.550 0.175 1.8250 0.9380 0.3805 0.4400 11  
## 2973 M 0.720 0.580 0.190 2.0885 0.9955 0.4780 0.5305 13  
## 2974 M 0.735 0.590 0.205 2.0870 0.9090 0.4740 0.6250 12  
## 2975 M 0.745 0.575 0.200 1.8840 0.9540 0.3360 0.4950 12  
## 2976 I 0.320 0.215 0.095 0.3050 0.1400 0.0670 0.0885 6  
## 2977 I 0.430 0.345 0.115 0.4295 0.2120 0.1080 0.1090 8  
## 2978 I 0.430 0.330 0.100 0.4490 0.2540 0.0825 0.0970 6  
## 2979 M 0.485 0.365 0.155 1.0290 0.4235 0.2285 0.3130 8  
## 2980 M 0.490 0.355 0.155 0.9810 0.4650 0.2015 0.2505 8  
## 2981 I 0.500 0.370 0.115 0.5745 0.3060 0.1120 0.1410 7  
## 2982 F 0.505 0.380 0.130 0.6930 0.3910 0.1195 0.1515 8  
## 2983 F 0.510 0.370 0.210 1.1830 0.5080 0.2920 0.3430 9  
## 2984 F 0.525 0.410 0.135 0.7905 0.4065 0.1980 0.1770 8  
## 2985 F 0.535 0.400 0.150 1.2240 0.6180 0.2750 0.2875 10  
## 2986 I 0.535 0.400 0.135 0.7750 0.3680 0.2080 0.2055 8  
## 2987 M 0.535 0.405 0.175 1.2705 0.5480 0.3265 0.3370 13  
## 2988 M 0.555 0.405 0.190 1.4060 0.6115 0.3420 0.3890 10  
## 2989 M 0.555 0.425 0.150 0.8730 0.4625 0.1845 0.1965 9  
## 2990 M 0.560 0.425 0.135 0.9415 0.5090 0.2015 0.1975 9  
## 2991 F 0.590 0.440 0.140 1.0070 0.4775 0.2105 0.2925 9  
## 2992 M 0.595 0.485 0.150 1.0835 0.5305 0.2310 0.2760 8  
## 2993 I 0.595 0.430 0.165 0.9845 0.4525 0.2070 0.2725 8  
## 2994 F 0.595 0.430 0.210 1.5245 0.6530 0.3960 0.4100 11  
## 2995 M 0.610 0.475 0.175 1.0240 0.4090 0.2610 0.3220 9  
## 2996 M 0.610 0.485 0.170 1.2810 0.5970 0.3035 0.3300 9  
## 2997 F 0.620 0.500 0.170 1.1480 0.5475 0.2200 0.3315 10  
## 2998 F 0.625 0.490 0.110 1.1360 0.5265 0.1915 0.2925 9  
## 2999 F 0.635 0.510 0.170 1.2235 0.5320 0.2710 0.3540 9  
## 3000 F 0.635 0.525 0.180 1.3695 0.6340 0.3180 0.3630 11  
## 3001 M 0.640 0.485 0.160 1.0060 0.4560 0.2245 0.2835 9  
## 3002 M 0.640 0.495 0.165 1.3070 0.6780 0.2920 0.2660 11  
## 3003 M 0.645 0.505 0.185 1.4630 0.5920 0.3905 0.4160 10  
## 3004 F 0.655 0.505 0.175 1.2905 0.6205 0.2965 0.3260 10  
## 3005 F 0.670 0.515 0.170 1.4265 0.6605 0.3395 0.3700 11  
## 3006 M 0.680 0.540 0.210 1.7885 0.8345 0.4080 0.4370 13  
## 3007 M 0.700 0.545 0.185 1.6135 0.7500 0.4035 0.3685 11  
## 3008 M 0.730 0.585 0.225 2.2305 1.2395 0.4220 0.5630 14  
## 3009 F 0.750 0.615 0.205 2.2635 0.8210 0.4230 0.7260 12  
## 3010 I 0.255 0.185 0.065 0.0740 0.0305 0.0165 0.0200 4  
## 3011 I 0.375 0.260 0.080 0.2075 0.0900 0.0415 0.0700 6  
## 3012 I 0.375 0.285 0.090 0.2370 0.1060 0.0395 0.0800 8  
## 3013 I 0.390 0.300 0.100 0.2665 0.1105 0.0590 0.0840 7  
## 3014 I 0.390 0.280 0.090 0.2150 0.0845 0.0340 0.0790 8  
## 3015 I 0.395 0.300 0.090 0.2530 0.1155 0.0500 0.0750 6  
## 3016 I 0.420 0.320 0.110 0.3090 0.1150 0.0645 0.0945 6  
## 3017 I 0.435 0.335 0.105 0.3535 0.1560 0.0500 0.1135 7  
## 3018 I 0.435 0.325 0.105 0.3350 0.1360 0.0650 0.1150 8  
## 3019 I 0.440 0.320 0.105 0.3875 0.1755 0.0740 0.1200 9  
## 3020 I 0.450 0.330 0.115 0.3650 0.1400 0.0825 0.1245 8  
## 3021 I 0.450 0.340 0.125 0.4045 0.1710 0.0700 0.1345 8  
## 3022 I 0.455 0.355 0.105 0.3720 0.1380 0.0765 0.1350 9  
## 3023 I 0.460 0.370 0.110 0.3965 0.1485 0.0855 0.1455 8  
## 3024 I 0.470 0.375 0.125 0.5225 0.2265 0.1040 0.1620 8  
## 3025 I 0.475 0.375 0.110 0.4560 0.1820 0.0990 0.1600 9  
## 3026 I 0.495 0.330 0.100 0.4400 0.1770 0.0950 0.1500 7  
## 3027 I 0.495 0.375 0.115 0.5070 0.2410 0.1030 0.1500 8  
## 3028 I 0.500 0.380 0.135 0.5285 0.2260 0.1230 0.2090 8  
## 3029 I 0.515 0.385 0.125 0.5720 0.2370 0.1435 0.1650 7  
## 3030 I 0.520 0.410 0.140 0.6625 0.2775 0.1555 0.1960 11  
## 3031 I 0.520 0.395 0.115 0.6445 0.3155 0.1245 0.1860 11  
## 3032 I 0.525 0.400 0.110 0.6275 0.3015 0.1260 0.1800 8  
## 3033 I 0.535 0.420 0.145 0.6885 0.2730 0.1515 0.2370 9  
## 3034 M 0.535 0.410 0.120 0.6835 0.3125 0.1655 0.1590 8  
## 3035 M 0.540 0.420 0.190 0.6855 0.2930 0.1630 0.3800 10  
## 3036 I 0.550 0.405 0.150 0.6755 0.3015 0.1465 0.2100 10  
## 3037 I 0.550 0.445 0.145 0.7830 0.3045 0.1570 0.2650 11  
## 3038 M 0.560 0.450 0.145 0.8940 0.3885 0.2095 0.2640 9  
## 3039 I 0.565 0.440 0.135 0.7680 0.3305 0.1385 0.2475 9  
## 3040 M 0.570 0.450 0.145 0.9500 0.4005 0.2235 0.2845 10  
## 3041 F 0.570 0.470 0.140 0.8710 0.3850 0.2110 0.2315 10  
## 3042 M 0.575 0.470 0.150 0.9785 0.4505 0.1960 0.2760 9  
## 3043 I 0.575 0.430 0.130 0.7425 0.2895 0.2005 0.2200 8  
## 3044 M 0.575 0.445 0.140 0.7370 0.3250 0.1405 0.2370 10  
## 3045 I 0.575 0.445 0.160 0.9175 0.4500 0.1935 0.2400 9  
## 3046 F 0.580 0.435 0.155 0.8785 0.4250 0.1685 0.2425 10  
## 3047 M 0.585 0.450 0.175 1.1275 0.4925 0.2620 0.3350 11  
## 3048 M 0.590 0.435 0.165 0.9765 0.4525 0.2395 0.2350 9  
## 3049 I 0.590 0.470 0.145 0.9740 0.4530 0.2360 0.2890 8  
## 3050 M 0.590 0.405 0.150 0.8530 0.3260 0.2615 0.2450 9  
## 3051 M 0.595 0.470 0.175 0.9910 0.3820 0.2395 0.5000 12  
## 3052 M 0.595 0.480 0.140 0.9125 0.4095 0.1825 0.2890 9  
## 3053 F 0.595 0.460 0.160 0.9210 0.4005 0.2025 0.2875 9  
## 3054 F 0.600 0.450 0.140 0.8690 0.3425 0.1950 0.2910 11  
## 3055 M 0.600 0.450 0.150 0.8665 0.3695 0.1955 0.2550 12  
## 3056 F 0.610 0.495 0.160 1.0890 0.4690 0.1980 0.3840 11  
## 3057 M 0.615 0.485 0.215 0.9615 0.4220 0.1760 0.2900 11  
## 3058 M 0.615 0.490 0.170 1.1450 0.4915 0.2080 0.3430 13  
## 3059 I 0.620 0.475 0.160 0.9070 0.3710 0.1670 0.3075 11  
## 3060 F 0.625 0.515 0.155 1.1635 0.4875 0.2590 0.3550 11  
## 3061 M 0.630 0.515 0.175 1.1955 0.4920 0.2470 0.3700 11  
## 3062 M 0.630 0.495 0.180 1.3100 0.4950 0.2950 0.4695 10  
## 3063 F 0.635 0.505 0.165 1.2510 0.5770 0.2270 0.3825 11  
## 3064 F 0.635 0.490 0.155 1.1450 0.4775 0.3035 0.3155 9  
## 3065 M 0.635 0.500 0.180 1.1540 0.4405 0.2315 0.3870 9  
## 3066 F 0.640 0.485 0.145 1.1335 0.5525 0.2505 0.3015 11  
## 3067 F 0.640 0.500 0.150 1.2015 0.5590 0.2310 0.3355 9  
## 3068 M 0.650 0.505 0.170 1.5595 0.6950 0.3515 0.3950 11  
## 3069 M 0.650 0.510 0.175 1.3165 0.6345 0.2605 0.3640 12  
## 3070 M 0.655 0.540 0.165 1.4030 0.6955 0.2385 0.4200 11  
## 3071 F 0.655 0.490 0.160 1.2040 0.5455 0.2615 0.3225 9  
## 3072 F 0.655 0.455 0.170 1.2895 0.5870 0.3165 0.3415 11  
## 3073 F 0.660 0.530 0.180 1.5175 0.7765 0.3020 0.4010 10  
## 3074 M 0.665 0.525 0.155 1.3575 0.5325 0.3045 0.4485 10  
## 3075 M 0.675 0.520 0.145 1.3645 0.5570 0.3405 0.3850 11  
## 3076 F 0.680 0.520 0.185 1.4940 0.6150 0.3935 0.4060 11  
## 3077 F 0.680 0.560 0.195 1.6640 0.5800 0.3855 0.5450 11  
## 3078 M 0.685 0.510 0.165 1.5450 0.6860 0.3775 0.4055 10  
## 3079 F 0.695 0.535 0.200 1.5855 0.6670 0.3340 0.4710 11  
## 3080 F 0.700 0.555 0.220 1.6660 0.6470 0.4285 0.4550 11  
## 3081 M 0.710 0.560 0.175 1.7240 0.5660 0.4575 0.4625 13  
## 3082 F 0.730 0.550 0.205 1.9080 0.5415 0.3565 0.5965 14  
## 3083 F 0.755 0.575 0.200 2.0730 1.0135 0.4655 0.4800 11  
## 3084 I 0.225 0.170 0.050 0.0515 0.0190 0.0120 0.0170 4  
## 3085 I 0.230 0.170 0.050 0.0570 0.0260 0.0130 0.0160 5  
## 3086 I 0.255 0.185 0.060 0.0925 0.0390 0.0210 0.0250 6  
## 3087 I 0.355 0.270 0.075 0.2040 0.3045 0.0460 0.0595 7  
## 3088 I 0.425 0.310 0.095 0.3075 0.1390 0.0745 0.0930 7  
## 3089 I 0.425 0.320 0.085 0.2620 0.1235 0.0670 0.0725 8  
## 3090 M 0.455 0.350 0.110 0.4580 0.2000 0.1110 0.1305 8  
## 3091 M 0.460 0.355 0.140 0.4910 0.2070 0.1150 0.1740 10  
## 3092 M 0.495 0.380 0.120 0.4740 0.1970 0.1065 0.1545 10  
## 3093 M 0.510 0.395 0.125 0.5805 0.2440 0.1335 0.1880 11  
## 3094 F 0.520 0.430 0.150 0.7280 0.3020 0.1575 0.2350 11  
## 3095 M 0.525 0.400 0.130 0.6220 0.2655 0.1470 0.1840 9  
## 3096 M 0.530 0.415 0.120 0.7060 0.3355 0.1635 0.1345 9  
## 3097 F 0.530 0.395 0.115 0.5685 0.2490 0.1375 0.1610 9  
## 3098 M 0.545 0.435 0.145 0.9385 0.3685 0.1245 0.3450 11  
## 3099 F 0.550 0.430 0.150 0.6550 0.2635 0.1220 0.2210 8  
## 3100 M 0.575 0.480 0.150 0.9465 0.4355 0.2605 0.2505 9  
## 3101 M 0.580 0.430 0.125 0.9115 0.4460 0.2075 0.1210 10  
## 3102 M 0.595 0.455 0.145 0.9420 0.4300 0.1820 0.2770 11  
## 3103 M 0.600 0.465 0.180 1.1930 0.5145 0.3150 0.3055 8  
## 3104 M 0.645 0.500 0.180 1.4610 0.5985 0.2425 0.4390 11  
## 3105 M 0.660 0.525 0.200 1.4890 0.6065 0.3795 0.4210 10  
## 3106 I 0.290 0.215 0.060 0.1115 0.0530 0.0185 0.0320 5  
## 3107 I 0.300 0.220 0.065 0.1235 0.0590 0.0260 0.0315 5  
## 3108 I 0.370 0.275 0.100 0.2815 0.1505 0.0505 0.0680 5  
## 3109 I 0.375 0.285 0.080 0.2260 0.0975 0.0400 0.0725 7  
## 3110 I 0.380 0.290 0.085 0.2285 0.0880 0.0465 0.0750 7  
## 3111 I 0.395 0.300 0.120 0.2995 0.1265 0.0680 0.0895 8  
## 3112 I 0.410 0.325 0.105 0.3610 0.1605 0.0665 0.1030 8  
## 3113 I 0.415 0.320 0.115 0.3045 0.1215 0.0735 0.0940 7  
## 3114 I 0.425 0.325 0.105 0.3975 0.1815 0.0810 0.1175 7  
## 3115 I 0.440 0.340 0.100 0.3790 0.1725 0.0815 0.1010 7  
## 3116 I 0.440 0.340 0.120 0.4995 0.2965 0.0945 0.1185 6  
## 3117 M 0.465 0.405 0.135 0.7775 0.4360 0.1715 0.1455 10  
## 3118 F 0.470 0.360 0.100 0.4705 0.1635 0.0890 0.1385 8  
## 3119 M 0.510 0.415 0.145 0.7510 0.3295 0.1835 0.2030 8  
## 3120 F 0.525 0.400 0.135 0.7140 0.3180 0.1380 0.2080 10  
## 3121 F 0.525 0.400 0.130 0.6995 0.3115 0.1310 0.2230 9  
## 3122 F 0.550 0.425 0.140 0.9520 0.4895 0.1945 0.2185 7  
## 3123 M 0.560 0.420 0.150 0.8755 0.4400 0.1965 0.2315 8  
## 3124 M 0.575 0.450 0.135 0.9215 0.3540 0.2090 0.2365 9  
## 3125 F 0.575 0.450 0.135 0.8285 0.3620 0.1655 0.2360 10  
## 3126 M 0.585 0.460 0.150 1.2060 0.5810 0.2160 0.3230 10  
## 3127 M 0.615 0.495 0.155 1.2865 0.4350 0.2930 0.3245 11  
## 3128 F 0.620 0.485 0.155 1.1945 0.5105 0.2710 0.3520 9  
## 3129 F 0.630 0.495 0.190 1.1655 0.5360 0.2115 0.1625 10  
## 3130 F 0.630 0.490 0.170 1.2155 0.4625 0.2045 0.3105 10  
## 3131 M 0.670 0.515 0.165 1.1735 0.5260 0.2850 0.3160 11  
## 3132 M 0.675 0.505 0.160 1.5320 0.7400 0.3570 0.3815 11  
## 3133 F 0.685 0.530 0.170 1.5105 0.7385 0.3525 0.3725 10  
## 3134 F 0.485 0.390 0.100 0.5565 0.2215 0.1155 0.1850 9  
## 3135 M 0.460 0.360 0.125 0.5470 0.2165 0.1105 0.1900 8  
## 3136 M 0.460 0.350 0.125 0.5165 0.1885 0.1145 0.1850 9  
## 3137 M 0.535 0.420 0.125 0.7640 0.3120 0.1505 0.2650 11  
## 3138 M 0.465 0.360 0.105 0.4880 0.1880 0.0845 0.1900 10  
## 3139 M 0.510 0.400 0.140 0.6905 0.2590 0.1510 0.2300 10  
## 3140 I 0.335 0.260 0.090 0.1835 0.0780 0.0240 0.0650 11  
## 3141 M 0.550 0.425 0.160 0.9700 0.2885 0.1390 0.4800 20  
## 3142 I 0.180 0.135 0.080 0.0330 0.0145 0.0070 0.0100 5  
## 3143 I 0.215 0.165 0.055 0.0590 0.0265 0.0125 0.0185 5  
## 3144 I 0.200 0.150 0.040 0.0460 0.0210 0.0070 0.0065 4  
## 3145 F 0.625 0.480 0.200 1.3235 0.6075 0.3055 0.3550 9  
## 3146 M 0.550 0.420 0.170 0.8465 0.3360 0.2405 0.2450 13  
## 3147 M 0.585 0.450 0.150 1.0470 0.4315 0.2760 0.3150 14  
## 3148 F 0.645 0.500 0.180 1.2785 0.5345 0.2995 0.3450 13  
## 3149 F 0.710 0.530 0.195 1.8745 0.6755 0.4065 0.6855 12  
## 3150 F 0.700 0.540 0.215 1.9780 0.6675 0.3125 0.7100 24  
## 3151 F 0.655 0.505 0.165 1.3670 0.5835 0.3515 0.3960 10  
## 3152 F 0.665 0.500 0.175 1.7420 0.5950 0.3025 0.7250 21  
## 3153 F 0.470 0.375 0.105 0.5130 0.2320 0.1420 0.1300 11  
## 3154 M 0.425 0.335 0.100 0.4085 0.1755 0.0920 0.1350 9  
## 3155 M 0.540 0.410 0.130 0.5600 0.2375 0.1065 0.1750 7  
## 3156 M 0.505 0.395 0.125 0.6350 0.2900 0.1555 0.1750 9  
## 3157 M 0.535 0.440 0.165 0.8750 0.2790 0.1800 0.3000 10  
## 3158 F 0.430 0.350 0.090 0.3970 0.1575 0.0890 0.1200 9  
## 3159 M 0.550 0.435 0.110 0.8060 0.3415 0.2030 0.2150 9  
## 3160 F 0.340 0.255 0.085 0.2040 0.0970 0.0210 0.0500 6  
## 3161 I 0.275 0.200 0.065 0.1165 0.0565 0.0130 0.0350 7  
## 3162 F 0.335 0.220 0.070 0.1700 0.0760 0.0365 0.0500 6  
## 3163 M 0.640 0.490 0.140 1.1940 0.4445 0.2380 0.3750 15  
## 3164 F 0.550 0.440 0.125 0.7650 0.3300 0.2125 0.2450 9  
## 3165 F 0.640 0.475 0.190 1.1510 0.4365 0.2810 0.3805 13  
## 3166 F 0.545 0.410 0.115 0.6765 0.2900 0.1580 0.2200 9  
## 3167 F 0.640 0.540 0.175 1.5710 0.6270 0.2710 0.4750 18  
## 3168 M 0.605 0.490 0.155 1.1530 0.5030 0.2505 0.2950 15  
## 3169 M 0.605 0.470 0.115 1.1140 0.3925 0.2910 0.3100 15  
## 3170 M 0.560 0.450 0.155 0.9125 0.3595 0.2710 0.3500 10  
## 3171 F 0.570 0.465 0.155 0.8720 0.3245 0.2390 0.2850 14  
## 3172 M 0.525 0.405 0.160 0.7920 0.3160 0.1455 0.2800 13  
## 3173 F 0.505 0.405 0.180 0.6060 0.2390 0.1235 0.1800 11  
## 3174 M 0.350 0.265 0.090 0.2265 0.0995 0.0575 0.0650 6  
## 3175 M 0.450 0.355 0.120 0.3955 0.1470 0.0765 0.1450 9  
## 3176 I 0.510 0.405 0.120 0.6100 0.2290 0.1310 0.2350 11  
## 3177 F 0.490 0.380 0.130 0.5390 0.2290 0.1355 0.1650 12  
## 3178 F 0.505 0.410 0.135 0.6570 0.2910 0.1330 0.1950 15  
## 3179 M 0.380 0.300 0.100 0.2505 0.1060 0.0535 0.0775 8  
## 3180 I 0.270 0.195 0.070 0.1020 0.0450 0.0135 0.0340 8  
## 3181 F 0.370 0.295 0.100 0.2685 0.1165 0.0560 0.0835 7  
## 3182 M 0.500 0.385 0.135 0.5510 0.2245 0.0715 0.2060 11  
## 3183 M 0.645 0.505 0.165 1.3070 0.4335 0.2620 0.5200 10  
## 3184 M 0.565 0.440 0.115 0.9185 0.4040 0.1785 0.2900 11  
## 3185 F 0.670 0.545 0.175 1.7070 0.6995 0.3870 0.5750 13  
## 3186 F 0.590 0.415 0.150 0.8805 0.3645 0.2340 0.2350 11  
## 3187 F 0.470 0.360 0.110 0.4965 0.2370 0.1270 0.1300 6  
## 3188 F 0.510 0.385 0.135 0.6320 0.2820 0.1450 0.1700 8  
## 3189 M 0.720 0.575 0.230 2.2695 0.8835 0.3985 0.6650 16  
## 3190 M 0.550 0.405 0.150 0.9235 0.4120 0.2135 0.2400 7  
## 3191 I 0.200 0.145 0.025 0.0345 0.0110 0.0075 0.0100 5  
## 3192 M 0.650 0.515 0.180 1.3315 0.5665 0.3470 0.4050 13  
## 3193 F 0.525 0.405 0.115 0.7200 0.3105 0.1915 0.2000 14  
## 3194 M 0.565 0.435 0.185 1.0320 0.3540 0.2045 0.3100 20  
## 3195 F 0.610 0.470 0.160 1.0170 0.4260 0.2255 0.3200 12  
## 3196 F 0.545 0.405 0.175 0.9800 0.2585 0.2070 0.3800 18  
## 3197 I 0.325 0.245 0.075 0.1495 0.0605 0.0330 0.0450 5  
## 3198 I 0.310 0.235 0.075 0.1515 0.0560 0.0315 0.0500 7  
## 3199 M 0.450 0.335 0.140 0.4780 0.1865 0.1150 0.1600 11  
## 3200 F 0.490 0.380 0.155 0.5780 0.2395 0.1255 0.1800 9  
## 3201 F 0.505 0.405 0.160 0.6835 0.2710 0.1450 0.2150 10  
## 3202 F 0.385 0.300 0.100 0.2725 0.1115 0.0570 0.0800 6  
## 3203 F 0.620 0.485 0.220 1.5110 0.5095 0.2840 0.5100 17  
## 3204 F 0.635 0.505 0.185 1.3035 0.5010 0.2950 0.4100 17  
## 3205 F 0.665 0.530 0.185 1.3955 0.4560 0.3205 0.4900 15  
## 3206 M 0.335 0.265 0.095 0.1975 0.0795 0.0375 0.0700 9  
## 3207 I 0.295 0.215 0.075 0.1160 0.0370 0.0295 0.0400 8  
## 3208 I 0.480 0.380 0.125 0.5230 0.2105 0.1045 0.1750 15  
## 3209 I 0.320 0.250 0.080 0.1565 0.0570 0.0340 0.0600 9  
## 3210 I 0.430 0.340 0.125 0.3840 0.1375 0.0610 0.1460 14  
## 3211 M 0.565 0.450 0.140 1.0055 0.3785 0.2440 0.2650 12  
## 3212 F 0.600 0.480 0.165 1.1345 0.4535 0.2700 0.3350 10  
## 3213 F 0.585 0.460 0.170 1.0835 0.3745 0.3260 0.3250 14  
## 3214 F 0.555 0.420 0.140 0.8680 0.3300 0.2430 0.2100 13  
## 3215 F 0.570 0.495 0.160 1.0915 0.4520 0.2750 0.3150 14  
## 3216 F 0.620 0.485 0.175 1.2710 0.5310 0.3075 0.3700 11  
## 3217 M 0.630 0.510 0.190 1.4985 0.4125 0.3075 0.5450 16  
## 3218 M 0.425 0.340 0.120 0.3880 0.1490 0.0870 0.1250 10  
## 3219 F 0.640 0.505 0.190 1.2355 0.4435 0.3105 0.3650 14  
## 3220 M 0.675 0.525 0.175 1.4020 0.4830 0.3205 0.4650 16  
## 3221 M 0.500 0.400 0.145 0.6025 0.2160 0.1380 0.2100 11  
## 3222 M 0.385 0.305 0.090 0.2775 0.1090 0.0515 0.1000 9  
## 3223 M 0.520 0.435 0.195 0.9730 0.2985 0.2135 0.3550 18  
## 3224 M 0.520 0.415 0.175 0.7530 0.2580 0.1710 0.2550 8  
## 3225 M 0.640 0.525 0.200 1.3765 0.4400 0.3075 0.4700 16  
## 3226 I 0.440 0.350 0.120 0.3750 0.1425 0.0965 0.1150 9  
## 3227 F 0.420 0.320 0.130 0.4135 0.1645 0.1060 0.1190 10  
## 3228 F 0.450 0.350 0.135 0.5600 0.2310 0.1370 0.1450 13  
## 3229 I 0.420 0.325 0.125 0.3915 0.1575 0.1025 0.1150 9  
## 3230 F 0.640 0.505 0.190 1.2765 0.4835 0.3280 0.4000 12  
## 3231 M 0.570 0.455 0.150 0.9600 0.3870 0.2385 0.2750 11  
## 3232 M 0.410 0.325 0.120 0.3745 0.1580 0.0810 0.1250 12  
## 3233 M 0.485 0.410 0.150 0.6960 0.2405 0.1625 0.2650 13  
## 3234 F 0.610 0.480 0.190 1.2955 0.5215 0.3225 0.3650 12  
## 3235 F 0.590 0.485 0.205 1.2315 0.4525 0.2380 0.4200 13  
## 3236 M 0.665 0.535 0.155 1.3830 0.5960 0.2565 0.4850 14  
## 3237 I 0.345 0.285 0.100 0.2225 0.0865 0.0580 0.0750 8  
## 3238 M 0.635 0.510 0.155 1.1560 0.4280 0.2890 0.3150 18  
## 3239 M 0.695 0.530 0.150 1.4770 0.6375 0.3025 0.4300 14  
## 3240 F 0.690 0.540 0.185 1.5715 0.6935 0.3180 0.4700 15  
## 3241 M 0.555 0.435 0.135 0.8580 0.3770 0.1585 0.2900 15  
## 3242 M 0.650 0.525 0.190 1.4995 0.6265 0.4005 0.3950 14  
## 3243 M 0.635 0.480 0.190 1.4670 0.5825 0.3030 0.4200 15  
## 3244 F 0.655 0.510 0.160 1.0920 0.3960 0.2825 0.3700 14  
## 3245 F 0.690 0.555 0.205 1.8165 0.7785 0.4395 0.5150 19  
## 3246 F 0.695 0.550 0.160 1.6365 0.6940 0.3005 0.4400 13  
## 3247 M 0.550 0.435 0.160 0.9060 0.3420 0.2190 0.2950 13  
## 3248 F 0.610 0.495 0.190 1.2130 0.4640 0.3060 0.3650 15  
## 3249 M 0.595 0.500 0.165 1.0600 0.4020 0.2800 0.2750 11  
## 3250 M 0.300 0.240 0.090 0.1610 0.0725 0.0390 0.0500 6  
## 3251 F 0.435 0.350 0.125 0.4590 0.1970 0.1145 0.1450 9  
## 3252 I 0.455 0.375 0.125 0.5330 0.2330 0.1060 0.1850 8  
## 3253 M 0.480 0.380 0.130 0.6175 0.3000 0.1420 0.1750 12  
## 3254 I 0.430 0.350 0.105 0.3660 0.1705 0.0855 0.1100 6  
## 3255 F 0.435 0.350 0.105 0.4195 0.1940 0.1005 0.1300 7  
## 3256 I 0.300 0.230 0.075 0.1500 0.0605 0.0420 0.0450 5  
## 3257 F 0.575 0.480 0.150 0.8745 0.3750 0.1930 0.2900 12  
## 3258 M 0.505 0.385 0.110 0.6550 0.3185 0.1500 0.1850 9  
## 3259 M 0.455 0.375 0.125 0.4840 0.2155 0.1020 0.1650 7  
## 3260 M 0.640 0.505 0.165 1.4435 0.6145 0.3035 0.3900 18  
## 3261 F 0.560 0.435 0.125 0.8775 0.3345 0.2145 0.2900 13  
## 3262 F 0.645 0.520 0.190 1.3105 0.5800 0.2880 0.3700 12  
## 3263 F 0.595 0.485 0.145 1.2515 0.5035 0.2925 0.3300 14  
## 3264 M 0.565 0.450 0.115 0.9085 0.3980 0.1970 0.2900 17  
## 3265 F 0.655 0.500 0.140 1.1705 0.5405 0.3175 0.2850 12  
## 3266 M 0.480 0.380 0.135 0.5280 0.2000 0.1395 0.1600 14  
## 3267 F 0.495 0.385 0.135 0.6625 0.3005 0.1635 0.1850 11  
## 3268 F 0.400 0.335 0.115 0.4335 0.2105 0.1205 0.1200 10  
## 3269 M 0.410 0.310 0.125 0.3595 0.1415 0.0885 0.1150 11  
## 3270 F 0.595 0.465 0.145 1.1070 0.4020 0.2415 0.3100 12  
## 3271 F 0.625 0.475 0.130 0.8595 0.3195 0.1775 0.2400 13  
## 3272 M 0.520 0.425 0.155 0.7735 0.2970 0.1230 0.2550 17  
## 3273 M 0.465 0.360 0.125 0.4365 0.1690 0.1075 0.1450 11  
## 3274 F 0.475 0.375 0.140 0.5010 0.1920 0.1175 0.1750 13  
## 3275 F 0.500 0.405 0.140 0.6735 0.2650 0.1240 0.2500 18  
## 3276 M 0.460 0.355 0.110 0.4150 0.2150 0.0820 0.1300 12  
## 3277 M 0.485 0.385 0.125 0.4775 0.2000 0.0785 0.1700 12  
## 3278 F 0.465 0.390 0.140 0.5555 0.2130 0.1075 0.2150 15  
## 3279 M 0.525 0.415 0.160 0.6445 0.2600 0.1575 0.2200 12  
## 3280 F 0.655 0.530 0.190 1.4280 0.4930 0.3180 0.5650 18  
## 3281 M 0.690 0.540 0.185 1.6195 0.5330 0.3530 0.5550 24  
## 3282 M 0.550 0.450 0.170 0.8100 0.3170 0.1570 0.2200 11  
## 3283 F 0.580 0.475 0.165 1.0385 0.4140 0.2600 0.3050 13  
## 3284 F 0.590 0.475 0.155 0.9715 0.3710 0.2350 0.2800 11  
## 3285 M 0.565 0.440 0.155 0.8680 0.3480 0.2170 0.2600 11  
## 3286 F 0.665 0.570 0.185 1.5220 0.6965 0.3025 0.4050 13  
## 3287 F 0.620 0.510 0.175 1.1255 0.4985 0.2270 0.3150 14  
## 3288 M 0.550 0.460 0.130 0.7085 0.3050 0.1455 0.2050 12  
## 3289 F 0.605 0.475 0.145 1.0185 0.4695 0.2250 0.2700 15  
## 3290 M 0.535 0.420 0.160 0.7200 0.2750 0.1640 0.2250 15  
## 3291 F 0.510 0.395 0.120 0.6175 0.2620 0.1220 0.1930 12  
## 3292 M 0.530 0.405 0.130 0.7380 0.2845 0.1700 0.1930 9  
## 3293 F 0.495 0.375 0.150 0.5970 0.2615 0.1350 0.1780 11  
## 3294 M 0.575 0.455 0.185 1.1560 0.5525 0.2430 0.2950 13  
## 3295 F 0.630 0.500 0.160 1.2200 0.4905 0.3000 0.3450 14  
## 3296 M 0.590 0.450 0.120 0.7485 0.3345 0.1315 0.2200 14  
## 3297 F 0.605 0.485 0.165 1.0735 0.4370 0.2050 0.3300 14  
## 3298 M 0.645 0.500 0.190 1.2290 0.5240 0.2780 0.3950 17  
## 3299 F 0.620 0.500 0.175 1.1460 0.4770 0.2300 0.3900 13  
## 3300 M 0.605 0.485 0.175 1.1450 0.4325 0.2700 0.4050 16  
## 3301 F 0.615 0.500 0.205 1.1055 0.4445 0.2270 0.3900 16  
## 3302 F 0.660 0.525 0.190 1.6700 0.6525 0.4875 0.4900 11  
## 3303 F 0.710 0.575 0.175 1.5550 0.6465 0.3705 0.5200 15  
## 3304 F 0.565 0.450 0.185 0.9285 0.3020 0.1805 0.2650 12  
## 3305 F 0.570 0.435 0.140 0.8085 0.3235 0.1830 0.2200 16  
## 3306 I 0.600 0.445 0.175 1.0570 0.3830 0.2160 0.3550 16  
## 3307 I 0.410 0.300 0.115 0.2595 0.0970 0.0515 0.0800 10  
## 3308 F 0.450 0.325 0.135 0.4380 0.1805 0.1165 0.1100 9  
## 3309 M 0.275 0.200 0.080 0.0990 0.0370 0.0240 0.0300 5  
## 3310 I 0.485 0.355 0.120 0.5085 0.2100 0.1220 0.1350 9  
## 3311 F 0.620 0.485 0.165 1.1660 0.4830 0.2380 0.3550 13  
## 3312 F 0.480 0.380 0.135 0.5070 0.1915 0.1365 0.1550 12  
## 3313 F 0.505 0.410 0.150 0.6345 0.2430 0.1335 0.2150 17  
## 3314 M 0.400 0.310 0.110 0.3140 0.1380 0.0570 0.1000 11  
## 3315 I 0.450 0.355 0.115 0.4385 0.1840 0.1080 0.1125 11  
## 3316 M 0.350 0.260 0.090 0.1950 0.0745 0.0410 0.0655 9  
## 3317 M 0.440 0.350 0.140 0.4510 0.1710 0.0705 0.1840 16  
## 3318 M 0.265 0.200 0.065 0.0840 0.0340 0.0105 0.0300 7  
## 3319 M 0.165 0.125 0.040 0.0245 0.0095 0.0045 0.0080 4  
## 3320 F 0.705 0.555 0.200 1.4685 0.4715 0.3235 0.5200 19  
## 3321 F 0.535 0.425 0.155 0.7765 0.3020 0.1565 0.2500 16  
## 3322 I 0.490 0.385 0.140 0.5425 0.1980 0.1270 0.1750 11  
## 3323 F 0.480 0.370 0.130 0.5885 0.2475 0.1505 0.1595 15  
## 3324 F 0.395 0.300 0.105 0.3375 0.1435 0.0755 0.0980 12  
## 3325 I 0.375 0.280 0.100 0.2565 0.1165 0.0585 0.0725 12  
## 3326 M 0.345 0.265 0.090 0.1630 0.0615 0.0370 0.0485 10  
## 3327 I 0.550 0.415 0.135 0.8095 0.2985 0.2015 0.2800 12  
## 3328 I 0.635 0.480 0.200 1.3655 0.6255 0.2595 0.4250 16  
## 3329 I 0.575 0.475 0.170 0.9670 0.3775 0.2840 0.2750 13  
## 3330 F 0.545 0.435 0.150 0.6855 0.2905 0.1450 0.2250 10  
## 3331 F 0.385 0.305 0.125 0.3140 0.1460 0.0555 0.0800 10  
## 3332 F 0.510 0.340 0.180 0.7005 0.3120 0.1650 0.2000 11  
## 3333 I 0.440 0.340 0.125 0.4895 0.1735 0.0875 0.2000 13  
## 3334 I 0.450 0.360 0.125 0.4500 0.1910 0.0865 0.1450 12  
## 3335 I 0.390 0.300 0.105 0.2590 0.0955 0.0380 0.0850 8  
## 3336 F 0.425 0.325 0.135 0.3820 0.1465 0.0790 0.1400 12  
## 3337 F 0.450 0.350 0.125 0.4435 0.1850 0.0900 0.1450 11  
## 3338 I 0.660 0.525 0.180 1.6935 0.6025 0.4005 0.4200 15  
## 3339 F 0.685 0.525 0.175 1.7100 0.5415 0.3090 0.5800 16  
## 3340 F 0.585 0.475 0.185 0.8575 0.3465 0.1785 0.2750 12  
## 3341 I 0.540 0.435 0.145 0.9700 0.4285 0.2200 0.2640 17  
## 3342 F 0.490 0.390 0.135 0.5900 0.2150 0.1250 0.1845 12  
## 3343 M 0.430 0.330 0.095 0.3400 0.1315 0.0850 0.1120 14  
## 3344 F 0.455 0.365 0.110 0.3850 0.1660 0.0460 0.1345 13  
## 3345 I 0.495 0.380 0.145 0.5150 0.1750 0.0980 0.2120 13  
## 3346 F 0.480 0.380 0.145 0.5900 0.2320 0.1410 0.2300 12  
## 3347 I 0.470 0.400 0.160 0.5100 0.1615 0.0730 0.1980 14  
## 3348 M 0.415 0.320 0.100 0.3005 0.1215 0.0575 0.1040 11  
## 3349 I 0.490 0.385 0.115 0.6830 0.3265 0.1615 0.1650 13  
## 3350 I 0.470 0.375 0.105 0.4680 0.1665 0.1080 0.1700 10  
## 3351 I 0.445 0.345 0.130 0.4075 0.1365 0.0645 0.1800 11  
## 3352 F 0.510 0.380 0.130 0.5840 0.2240 0.1355 0.1850 13  
## 3353 F 0.520 0.405 0.145 0.8290 0.3535 0.1685 0.2050 15  
## 3354 I 0.475 0.365 0.140 0.4545 0.1710 0.1180 0.1580 8  
## 3355 F 0.455 0.360 0.110 0.4385 0.2060 0.0980 0.1250 10  
## 3356 I 0.435 0.340 0.110 0.4070 0.1685 0.0730 0.1300 10  
## 3357 I 0.390 0.300 0.100 0.3085 0.1385 0.0735 0.0850 6  
## 3358 I 0.375 0.285 0.100 0.2390 0.1050 0.0555 0.0700 8  
## 3359 M 0.285 0.215 0.075 0.1060 0.0415 0.0230 0.0350 5  
## 3360 I 0.580 0.445 0.170 1.1780 0.3935 0.2165 0.3150 20  
## 3361 F 0.580 0.440 0.175 1.0730 0.4005 0.2345 0.3350 19  
## 3362 M 0.410 0.315 0.095 0.3060 0.1210 0.0735 0.0900 9  
## 3363 M 0.410 0.300 0.100 0.3010 0.1240 0.0690 0.0900 9  
## 3364 I 0.540 0.405 0.150 0.7585 0.3070 0.2075 0.1900 10  
## 3365 M 0.330 0.245 0.085 0.1710 0.0655 0.0365 0.0550 11  
## 3366 I 0.440 0.310 0.115 0.3625 0.1340 0.0820 0.1200 11  
## 3367 M 0.280 0.210 0.065 0.0905 0.0350 0.0200 0.0300 5  
## 3368 I 0.590 0.465 0.195 1.0885 0.3685 0.1870 0.3750 17  
## 3369 I 0.610 0.480 0.165 1.0970 0.4215 0.2640 0.3350 13  
## 3370 I 0.610 0.460 0.170 1.2780 0.4100 0.2570 0.3700 17  
## 3371 M 0.455 0.345 0.125 0.4400 0.1690 0.1065 0.1350 12  
## 3372 M 0.330 0.235 0.090 0.1630 0.0615 0.0340 0.0550 10  
## 3373 I 0.440 0.330 0.135 0.5220 0.1700 0.0905 0.1950 16  
## 3374 M 0.540 0.405 0.155 0.9715 0.3225 0.1940 0.2900 19  
## 3375 F 0.475 0.375 0.125 0.5880 0.2370 0.1715 0.1550 10  
## 3376 F 0.460 0.330 0.150 0.5325 0.2085 0.1805 0.1250 10  
## 3377 I 0.310 0.235 0.090 0.1270 0.0480 0.0310 0.0400 6  
## 3378 I 0.255 0.190 0.070 0.0815 0.0280 0.0160 0.0310 5  
## 3379 M 0.335 0.255 0.075 0.1635 0.0615 0.0345 0.0570 8  
## 3380 I 0.295 0.210 0.080 0.1000 0.0380 0.0260 0.0310 8  
## 3381 I 0.190 0.130 0.045 0.0265 0.0090 0.0050 0.0090 5  
## 3382 M 0.545 0.435 0.165 0.9955 0.3245 0.2665 0.3250 19  
## 3383 M 0.495 0.400 0.120 0.6605 0.2605 0.1610 0.1900 15  
## 3384 M 0.500 0.375 0.130 0.7210 0.3055 0.1725 0.2200 14  
## 3385 F 0.305 0.225 0.070 0.1485 0.0585 0.0335 0.0450 7  
## 3386 F 0.475 0.350 0.115 0.4870 0.1940 0.1455 0.1250 13  
## 3387 M 0.515 0.400 0.125 0.9550 0.3410 0.2535 0.2600 13  
## 3388 M 0.545 0.410 0.145 0.8730 0.3035 0.1960 0.3100 18  
## 3389 M 0.740 0.535 0.185 1.6500 0.7340 0.4505 0.3350 13  
## 3390 M 0.565 0.465 0.150 1.1285 0.3770 0.3525 0.3300 16  
## 3391 M 0.560 0.440 0.160 1.1115 0.5035 0.2785 0.2600 10  
## 3392 M 0.545 0.420 0.125 0.9745 0.3530 0.1740 0.3050 13  
## 3393 M 0.645 0.515 0.185 1.4605 0.5835 0.3155 0.4100 19  
## 3394 M 0.575 0.435 0.130 1.0105 0.3680 0.2220 0.3200 10  
## 3395 M 0.620 0.480 0.160 1.0765 0.4120 0.2530 0.3000 13  
## 3396 F 0.605 0.450 0.165 1.2225 0.3570 0.2020 0.3850 13  
## 3397 M 0.605 0.475 0.160 1.6160 0.5495 0.3320 0.3400 18  
## 3398 F 0.475 0.375 0.150 0.5590 0.1955 0.1215 0.1945 12  
## 3399 M 0.365 0.285 0.085 0.2205 0.0855 0.0515 0.0700 9  
## 3400 F 0.460 0.350 0.115 0.4400 0.1900 0.1025 0.1300 8  
## 3401 M 0.530 0.430 0.135 0.8790 0.2800 0.2165 0.2500 10  
## 3402 M 0.480 0.395 0.150 0.6815 0.2145 0.1405 0.2495 18  
## 3403 M 0.455 0.345 0.150 0.5795 0.1685 0.1250 0.2150 13  
## 3404 I 0.350 0.265 0.110 0.2090 0.0660 0.0590 0.0750 9  
## 3405 M 0.370 0.280 0.105 0.2240 0.0815 0.0575 0.0750 8  
## 3406 I 0.340 0.250 0.075 0.1765 0.0785 0.0405 0.0500 7  
## 3407 I 0.350 0.280 0.075 0.1960 0.0820 0.0400 0.0640 8  
## 3408 I 0.350 0.265 0.080 0.1920 0.0810 0.0465 0.0530 6  
## 3409 I 0.390 0.315 0.090 0.3095 0.1470 0.0500 0.0900 7  
## 3410 I 0.395 0.310 0.095 0.3130 0.1310 0.0720 0.0930 7  
## 3411 I 0.415 0.310 0.105 0.3595 0.1670 0.0830 0.0915 6  
## 3412 I 0.430 0.320 0.100 0.3855 0.1920 0.0745 0.1000 7  
## 3413 I 0.480 0.355 0.115 0.5785 0.2500 0.1060 0.1840 8  
## 3414 M 0.490 0.395 0.120 0.6740 0.3325 0.1235 0.1850 9  
## 3415 F 0.490 0.370 0.105 0.5265 0.2490 0.1005 0.1480 7  
## 3416 F 0.560 0.465 0.160 1.0315 0.4320 0.2025 0.3370 9  
## 3417 M 0.560 0.450 0.140 0.9000 0.4720 0.1820 0.2180 7  
## 3418 M 0.580 0.460 0.150 1.0165 0.4910 0.2210 0.2650 9  
## 3419 F 0.580 0.480 0.180 1.2495 0.4945 0.2700 0.3710 8  
## 3420 M 0.590 0.470 0.135 1.1685 0.5390 0.2790 0.2800 8  
## 3421 F 0.595 0.475 0.165 1.1480 0.4440 0.2140 0.3700 10  
## 3422 M 0.600 0.475 0.150 1.0890 0.5195 0.2230 0.2920 11  
## 3423 M 0.610 0.470 0.155 1.0325 0.4970 0.2175 0.2785 9  
## 3424 F 0.630 0.475 0.150 1.1720 0.5360 0.2540 0.3160 11  
## 3425 M 0.640 0.510 0.170 1.3715 0.5670 0.3070 0.4090 10  
## 3426 F 0.650 0.545 0.185 1.5055 0.6565 0.3410 0.4300 10  
## 3427 M 0.710 0.550 0.200 1.9045 0.8820 0.4400 0.5000 13  
## 3428 M 0.740 0.605 0.200 2.4925 1.1455 0.5750 0.5235 13  
## 3429 I 0.250 0.180 0.065 0.0805 0.0345 0.0185 0.0215 4  
## 3430 I 0.280 0.210 0.065 0.1110 0.0425 0.0285 0.0300 6  
## 3431 I 0.325 0.240 0.075 0.1520 0.0650 0.0305 0.0450 6  
## 3432 I 0.350 0.265 0.095 0.1990 0.0730 0.0490 0.0600 5  
## 3433 I 0.360 0.270 0.090 0.2190 0.0970 0.0405 0.0650 6  
## 3434 I 0.365 0.270 0.105 0.2155 0.0915 0.0475 0.0630 6  
## 3435 I 0.370 0.280 0.090 0.2565 0.1255 0.0645 0.0645 6  
## 3436 I 0.375 0.285 0.090 0.2570 0.1045 0.0620 0.0750 7  
## 3437 I 0.380 0.275 0.095 0.2505 0.0945 0.0655 0.0750 6  
## 3438 I 0.395 0.300 0.090 0.2790 0.1340 0.0490 0.0750 8  
## 3439 I 0.430 0.335 0.105 0.3780 0.1880 0.0785 0.0900 6  
## 3440 I 0.440 0.350 0.125 0.4560 0.2100 0.0955 0.1310 8  
## 3441 I 0.465 0.370 0.100 0.5055 0.2340 0.1100 0.1400 7  
## 3442 F 0.465 0.355 0.115 0.4705 0.1955 0.1180 0.1260 7  
## 3443 M 0.480 0.370 0.130 0.6430 0.3490 0.1155 0.1350 8  
## 3444 I 0.485 0.370 0.100 0.5130 0.2190 0.1075 0.1300 7  
## 3445 F 0.490 0.400 0.115 0.5690 0.2560 0.1325 0.1450 9  
## 3446 I 0.495 0.400 0.145 0.5780 0.2545 0.1305 0.1645 8  
## 3447 I 0.500 0.385 0.110 0.5960 0.3015 0.1040 0.1510 8  
## 3448 F 0.505 0.390 0.120 0.5725 0.2555 0.1325 0.1460 8  
## 3449 M 0.520 0.390 0.120 0.6435 0.2885 0.1570 0.1610 7  
## 3450 M 0.520 0.395 0.125 0.8115 0.4035 0.1660 0.2000 7  
## 3451 F 0.525 0.440 0.125 0.7115 0.3205 0.1590 0.1915 7  
## 3452 M 0.550 0.440 0.155 0.9155 0.3645 0.1950 0.2500 8  
## 3453 F 0.555 0.440 0.145 0.8815 0.4300 0.1975 0.2155 8  
## 3454 F 0.555 0.420 0.110 0.9310 0.4445 0.1710 0.2250 8  
## 3455 F 0.575 0.460 0.165 1.0650 0.4985 0.2145 0.2815 8  
## 3456 M 0.600 0.475 0.155 1.1385 0.5020 0.2295 0.3100 9  
## 3457 F 0.610 0.480 0.160 1.2340 0.5980 0.2380 0.3150 12  
## 3458 F 0.610 0.495 0.175 1.2635 0.5300 0.3150 0.3455 10  
## 3459 F 0.610 0.470 0.160 1.0745 0.4925 0.2360 0.2900 8  
## 3460 M 0.615 0.505 0.190 1.4030 0.6715 0.2925 0.3650 8  
## 3461 M 0.620 0.485 0.165 1.1325 0.5235 0.2505 0.2825 9  
## 3462 F 0.625 0.495 0.160 1.1115 0.4495 0.2825 0.3450 11  
## 3463 F 0.625 0.470 0.170 1.2550 0.5250 0.2415 0.4050 10  
## 3464 M 0.625 0.485 0.170 1.4370 0.5855 0.2930 0.4750 11  
## 3465 M 0.635 0.495 0.155 1.3635 0.5830 0.2985 0.2950 10  
## 3466 F 0.640 0.480 0.195 1.1435 0.4915 0.2345 0.3530 9  
## 3467 M 0.640 0.500 0.170 1.4545 0.6420 0.3575 0.3540 9  
## 3468 M 0.660 0.525 0.180 1.4780 0.5815 0.3810 0.3720 10  
## 3469 F 0.665 0.520 0.165 1.6885 0.7295 0.4070 0.4265 11  
## 3470 F 0.715 0.585 0.230 2.0725 0.8655 0.4095 0.5650 10  
## 3471 M 0.720 0.565 0.200 1.7870 0.7180 0.3850 0.5290 11  
## 3472 F 0.725 0.580 0.185 1.5230 0.8045 0.3595 0.4375 9  
## 3473 I 0.165 0.120 0.050 0.0210 0.0075 0.0045 0.0140 3  
## 3474 I 0.210 0.150 0.055 0.0455 0.0200 0.0065 0.0130 4  
## 3475 I 0.355 0.265 0.085 0.2435 0.1220 0.0525 0.0600 6  
## 3476 I 0.400 0.315 0.085 0.2675 0.1160 0.0585 0.0765 6  
## 3477 I 0.400 0.290 0.100 0.2580 0.1040 0.0590 0.0815 7  
## 3478 I 0.400 0.300 0.110 0.2985 0.1375 0.0710 0.0750 6  
## 3479 I 0.435 0.335 0.110 0.4110 0.2025 0.0945 0.1000 7  
## 3480 I 0.440 0.330 0.110 0.3800 0.1970 0.0790 0.0900 7  
## 3481 I 0.450 0.340 0.105 0.4385 0.2100 0.0925 0.1200 8  
## 3482 I 0.465 0.345 0.105 0.4015 0.2420 0.0345 0.1090 6  
## 3483 I 0.470 0.355 0.145 0.4485 0.1560 0.1020 0.1230 7  
## 3484 I 0.470 0.355 0.115 0.4155 0.1670 0.0840 0.1390 7  
## 3485 I 0.475 0.420 0.160 0.7095 0.3500 0.1505 0.1845 8  
## 3486 I 0.485 0.370 0.115 0.6370 0.3800 0.1335 0.1280 7  
## 3487 F 0.505 0.475 0.160 1.1155 0.5090 0.2390 0.3065 8  
## 3488 I 0.510 0.405 0.130 0.5990 0.3065 0.1155 0.1485 8  
## 3489 I 0.520 0.380 0.130 0.5345 0.2375 0.1220 0.1535 8  
## 3490 F 0.530 0.420 0.140 0.6270 0.2905 0.1165 0.1830 8  
## 3491 M 0.535 0.420 0.160 0.7465 0.3480 0.1515 0.2185 10  
## 3492 M 0.550 0.440 0.160 0.9850 0.4645 0.2010 0.2700 8  
## 3493 M 0.555 0.440 0.145 0.8500 0.4165 0.1685 0.2300 8  
## 3494 M 0.555 0.440 0.150 0.8380 0.4155 0.1460 0.2300 8  
## 3495 F 0.555 0.430 0.135 0.8120 0.4055 0.1630 0.2215 9  
## 3496 M 0.560 0.415 0.130 0.7615 0.3695 0.1700 0.1955 8  
## 3497 M 0.575 0.440 0.145 0.8700 0.3945 0.2195 0.2250 8  
## 3498 F 0.585 0.450 0.145 0.9835 0.4845 0.2420 0.2200 9  
## 3499 M 0.590 0.460 0.145 0.9290 0.3800 0.2400 0.2550 10  
## 3500 F 0.595 0.470 0.165 1.0155 0.4910 0.1905 0.2890 9  
## 3501 M 0.600 0.410 0.145 0.9390 0.4475 0.1960 0.2680 8  
## 3502 M 0.600 0.475 0.160 1.1640 0.5045 0.2635 0.3350 12  
## 3503 M 0.610 0.470 0.175 1.2140 0.5315 0.2835 0.3250 10  
## 3504 F 0.615 0.490 0.190 1.1345 0.4695 0.2570 0.3480 11  
## 3505 F 0.620 0.510 0.180 1.2330 0.5920 0.2740 0.3220 10  
## 3506 M 0.625 0.495 0.180 1.0815 0.4715 0.2540 0.3135 10  
## 3507 M 0.625 0.470 0.175 1.1790 0.6050 0.2580 0.2710 9  
## 3508 F 0.640 0.500 0.165 1.1635 0.5540 0.2390 0.3200 11  
## 3509 F 0.640 0.475 0.175 1.1545 0.4865 0.3410 0.2880 9  
## 3510 F 0.645 0.520 0.175 1.3345 0.6670 0.2665 0.3550 10  
## 3511 M 0.650 0.505 0.180 1.4690 0.7115 0.3335 0.3800 9  
## 3512 M 0.655 0.520 0.180 1.4920 0.7185 0.3600 0.3550 11  
## 3513 F 0.655 0.540 0.175 1.5585 0.7285 0.4020 0.3850 11  
## 3514 F 0.660 0.500 0.175 1.3275 0.5560 0.2805 0.4085 9  
## 3515 M 0.670 0.525 0.180 1.6615 0.8005 0.3645 0.4300 10  
## 3516 F 0.690 0.525 0.190 1.4920 0.6425 0.3905 0.4200 12  
## 3517 F 0.700 0.575 0.200 1.7365 0.7755 0.3965 0.4610 11  
## 3518 F 0.700 0.560 0.175 1.6605 0.8605 0.3275 0.3980 11  
## 3519 M 0.710 0.570 0.195 1.3480 0.8985 0.4435 0.4535 11  
## 3520 M 0.715 0.545 0.180 1.7405 0.8710 0.3470 0.4490 10  
## 3521 F 0.720 0.545 0.185 1.7185 0.7925 0.4010 0.4680 11  
## 3522 I 0.215 0.150 0.055 0.0410 0.0150 0.0090 0.0125 3  
## 3523 I 0.240 0.185 0.060 0.0655 0.0295 0.0005 0.0200 4  
## 3524 I 0.260 0.205 0.070 0.0970 0.0415 0.0190 0.0305 4  
## 3525 I 0.320 0.240 0.085 0.1310 0.0615 0.0265 0.0380 6  
## 3526 I 0.330 0.230 0.085 0.1695 0.0790 0.0260 0.0505 6  
## 3527 I 0.335 0.260 0.085 0.1920 0.0970 0.0300 0.0540 6  
## 3528 I 0.350 0.260 0.090 0.1765 0.0720 0.0355 0.0575 7  
## 3529 I 0.350 0.265 0.085 0.1735 0.0775 0.0340 0.0560 6  
## 3530 I 0.360 0.265 0.075 0.1785 0.0785 0.0350 0.0540 6  
## 3531 I 0.360 0.265 0.090 0.2055 0.0960 0.0370 0.0585 7  
## 3532 I 0.365 0.275 0.090 0.2345 0.1080 0.0510 0.0625 7  
## 3533 I 0.380 0.285 0.090 0.2305 0.1005 0.0390 0.0775 7  
## 3534 I 0.400 0.310 0.115 0.3140 0.1545 0.0595 0.0870 6  
## 3535 I 0.400 0.315 0.090 0.3300 0.1510 0.0680 0.0800 6  
## 3536 I 0.400 0.265 0.100 0.2775 0.1245 0.0605 0.0800 9  
## 3537 I 0.425 0.325 0.110 0.4050 0.1695 0.0920 0.1065 8  
## 3538 I 0.430 0.325 0.105 0.3090 0.1190 0.0800 0.0980 6  
## 3539 M 0.435 0.335 0.110 0.4385 0.2075 0.0715 0.1315 7  
## 3540 I 0.435 0.340 0.120 0.3960 0.1775 0.0810 0.1250 8  
## 3541 I 0.445 0.355 0.095 0.3615 0.1415 0.0785 0.1200 8  
## 3542 I 0.450 0.350 0.110 0.5140 0.2530 0.1045 0.1400 8  
## 3543 I 0.455 0.435 0.110 0.4265 0.1950 0.0900 0.1205 8  
## 3544 I 0.460 0.340 0.090 0.3840 0.1795 0.0680 0.1100 8  
## 3545 I 0.475 0.355 0.125 0.4865 0.2155 0.1105 0.1420 9  
## 3546 I 0.475 0.360 0.135 0.4355 0.1960 0.0925 0.1250 8  
## 3547 I 0.475 0.350 0.115 0.4980 0.2375 0.0990 0.1400 7  
## 3548 I 0.480 0.355 0.125 0.4940 0.2385 0.0835 0.1500 9  
## 3549 F 0.495 0.370 0.120 0.5940 0.2800 0.1100 0.1375 7  
## 3550 I 0.500 0.365 0.125 0.5280 0.2290 0.1030 0.1645 9  
## 3551 M 0.505 0.390 0.115 0.5585 0.2575 0.1190 0.1535 8  
## 3552 I 0.515 0.400 0.135 0.6360 0.3055 0.1215 0.1855 9  
## 3553 I 0.525 0.390 0.105 0.5670 0.2875 0.1075 0.1600 8  
## 3554 I 0.530 0.405 0.130 0.6615 0.2945 0.1395 0.1900 9  
## 3555 I 0.530 0.420 0.130 0.6580 0.2960 0.1245 0.1980 8  
## 3556 M 0.535 0.415 0.135 0.7800 0.3165 0.1690 0.2365 8  
## 3557 I 0.535 0.410 0.130 0.6075 0.2680 0.1225 0.1975 9  
## 3558 I 0.540 0.410 0.135 0.7025 0.3100 0.1770 0.2000 8  
## 3559 I 0.550 0.425 0.155 0.8725 0.4120 0.1870 0.2425 10  
## 3560 F 0.565 0.450 0.175 1.2365 0.5305 0.2455 0.3080 10  
## 3561 M 0.570 0.470 0.155 1.1860 0.6355 0.2315 0.2770 10  
## 3562 I 0.570 0.420 0.130 0.7745 0.3535 0.1505 0.2365 9  
## 3563 F 0.570 0.420 0.160 0.8875 0.4315 0.1915 0.2230 8  
## 3564 I 0.575 0.455 0.155 0.8725 0.3490 0.2095 0.2850 8  
## 3565 I 0.575 0.440 0.125 0.8515 0.4555 0.1715 0.1965 9  
## 3566 F 0.575 0.475 0.160 0.8950 0.3605 0.2210 0.2710 9  
## 3567 M 0.575 0.450 0.155 0.8860 0.3605 0.2110 0.2575 9  
## 3568 I 0.580 0.460 0.140 0.9265 0.4135 0.1845 0.2700 10  
## 3569 I 0.580 0.460 0.140 0.8295 0.3915 0.1650 0.2380 10  
## 3570 I 0.580 0.470 0.150 0.9070 0.4440 0.1855 0.2445 11  
## 3571 M 0.580 0.470 0.165 1.0410 0.5400 0.1660 0.2790 9  
## 3572 F 0.585 0.465 0.165 0.9355 0.4035 0.2275 0.2590 9  
## 3573 F 0.585 0.460 0.165 1.0580 0.4860 0.2500 0.2940 9  
## 3574 F 0.595 0.465 0.145 0.7955 0.3425 0.1795 0.2425 10  
## 3575 F 0.600 0.470 0.170 1.0805 0.4995 0.2245 0.3205 9  
## 3576 M 0.600 0.470 0.150 0.9280 0.4225 0.1830 0.2750 8  
## 3577 F 0.600 0.475 0.155 1.0590 0.4410 0.1900 0.3900 11  
## 3578 M 0.600 0.475 0.230 1.1570 0.5220 0.2235 0.3600 11  
## 3579 F 0.600 0.475 0.170 1.0880 0.4905 0.2475 0.3100 10  
## 3580 F 0.600 0.485 0.145 0.7760 0.3545 0.1585 0.2390 9  
## 3581 F 0.620 0.480 0.165 1.0430 0.4835 0.2210 0.3100 10  
## 3582 M 0.625 0.480 0.160 1.1415 0.5795 0.2145 0.2900 9  
## 3583 F 0.625 0.475 0.160 1.3335 0.6050 0.2875 0.3190 10  
## 3584 F 0.625 0.500 0.175 1.2730 0.5640 0.3020 0.3740 9  
## 3585 M 0.625 0.490 0.165 1.1835 0.5170 0.2375 0.3900 11  
## 3586 M 0.625 0.485 0.160 1.2135 0.6310 0.2235 0.3020 9  
## 3587 I 0.630 0.465 0.150 1.0315 0.4265 0.2400 0.3250 11  
## 3588 M 0.635 0.495 0.170 1.3695 0.6570 0.3055 0.3650 10  
## 3589 M 0.650 0.515 0.185 1.3745 0.7500 0.1805 0.3690 12  
## 3590 M 0.650 0.515 0.180 1.4630 0.6580 0.3135 0.4115 11  
## 3591 F 0.650 0.520 0.195 1.6275 0.6890 0.3905 0.4320 11  
## 3592 F 0.650 0.475 0.165 1.3875 0.5800 0.3485 0.3095 9  
## 3593 M 0.655 0.525 0.160 1.4600 0.6860 0.3110 0.4050 11  
## 3594 F 0.655 0.530 0.165 1.2835 0.5830 0.1255 0.4000 8  
## 3595 F 0.660 0.500 0.155 1.3765 0.6485 0.2880 0.3350 12  
## 3596 M 0.660 0.515 0.200 1.6465 0.7490 0.4220 0.4010 11  
## 3597 M 0.675 0.515 0.145 1.2650 0.6025 0.2990 0.3250 10  
## 3598 M 0.685 0.530 0.170 1.5600 0.6470 0.3830 0.4650 11  
## 3599 M 0.715 0.520 0.180 1.6000 0.7080 0.3525 0.4450 12  
## 3600 M 0.735 0.555 0.220 2.3330 1.2395 0.3645 0.6195 12  
## 3601 I 0.175 0.125 0.040 0.0280 0.0095 0.0080 0.0090 4  
## 3602 I 0.370 0.285 0.095 0.2260 0.1135 0.0515 0.0675 8  
## 3603 I 0.395 0.300 0.090 0.2855 0.1385 0.0625 0.0770 5  
## 3604 I 0.420 0.325 0.110 0.3250 0.1245 0.0755 0.1025 7  
## 3605 I 0.455 0.370 0.110 0.5140 0.2385 0.1235 0.1260 8  
## 3606 I 0.495 0.375 0.115 0.5755 0.3100 0.1145 0.1395 8  
## 3607 F 0.510 0.375 0.110 0.5805 0.2865 0.1180 0.1480 7  
## 3608 M 0.515 0.390 0.140 0.6780 0.3410 0.1325 0.1190 8  
## 3609 M 0.545 0.430 0.155 0.8035 0.4090 0.1440 0.2280 7  
## 3610 F 0.555 0.405 0.120 0.9130 0.4585 0.1960 0.2065 9  
## 3611 M 0.580 0.450 0.160 0.8675 0.3935 0.2210 0.2150 9  
## 3612 F 0.590 0.465 0.170 1.0425 0.4635 0.2400 0.2700 10  
## 3613 M 0.600 0.460 0.180 1.1400 0.4230 0.2575 0.3650 10  
## 3614 F 0.610 0.490 0.170 1.3475 0.7045 0.2500 0.3045 11  
## 3615 M 0.615 0.475 0.155 1.0735 0.4375 0.2585 0.3100 11  
## 3616 M 0.615 0.475 0.190 1.4335 0.7315 0.3050 0.3285 9  
## 3617 M 0.615 0.495 0.200 1.3040 0.5795 0.3115 0.3710 14  
## 3618 M 0.620 0.460 0.160 0.9505 0.4915 0.2000 0.2280 9  
## 3619 M 0.630 0.515 0.170 1.3850 0.6355 0.2955 0.3800 11  
## 3620 F 0.640 0.500 0.170 1.1200 0.4955 0.2645 0.3200 12  
## 3621 F 0.640 0.500 0.170 1.2645 0.5650 0.3375 0.3150 9  
## 3622 F 0.655 0.455 0.170 1.2750 0.5830 0.3030 0.3330 8  
## 3623 M 0.655 0.505 0.165 1.2700 0.6035 0.2620 0.3350 10  
## 3624 M 0.660 0.530 0.175 1.5830 0.7395 0.3505 0.4050 10  
## 3625 F 0.665 0.500 0.175 1.4355 0.6430 0.3450 0.3700 9  
## 3626 F 0.670 0.525 0.195 1.4200 0.5730 0.3680 0.3905 10  
## 3627 M 0.690 0.530 0.190 1.5955 0.6780 0.3310 0.4800 10  
## 3628 M 0.715 0.525 0.200 1.8900 0.9500 0.4360 0.4305 10  
## 3629 F 0.735 0.565 0.225 2.0370 0.8700 0.5145 0.5675 13  
## 3630 I 0.270 0.205 0.050 0.0840 0.0300 0.0185 0.0290 6  
## 3631 I 0.285 0.225 0.070 0.1005 0.0425 0.0185 0.0350 7  
## 3632 I 0.295 0.220 0.085 0.1285 0.0585 0.0270 0.0365 5  
## 3633 I 0.300 0.225 0.075 0.1345 0.0570 0.0280 0.0440 5  
## 3634 I 0.300 0.220 0.065 0.1195 0.0520 0.0155 0.0350 5  
## 3635 I 0.360 0.265 0.085 0.1895 0.0725 0.0515 0.0550 6  
## 3636 I 0.370 0.275 0.095 0.2570 0.1015 0.0550 0.0825 6  
## 3637 I 0.390 0.290 0.090 0.2745 0.1350 0.0455 0.0780 8  
## 3638 I 0.435 0.325 0.100 0.3420 0.1335 0.0835 0.1050 6  
## 3639 I 0.440 0.340 0.105 0.3440 0.1230 0.0810 0.1250 8  
## 3640 I 0.440 0.320 0.095 0.3275 0.1495 0.0590 0.1000 8  
## 3641 I 0.445 0.345 0.120 0.4035 0.1690 0.0825 0.1300 7  
## 3642 I 0.465 0.370 0.115 0.4075 0.1515 0.0935 0.1455 9  
## 3643 I 0.465 0.355 0.120 0.4975 0.2375 0.0990 0.1400 8  
## 3644 I 0.470 0.345 0.120 0.3685 0.1525 0.0615 0.1250 8  
## 3645 I 0.475 0.365 0.105 0.4175 0.1645 0.0990 0.1270 7  
## 3646 I 0.475 0.335 0.100 0.4425 0.1895 0.0860 0.1350 9  
## 3647 I 0.475 0.350 0.125 0.4225 0.1905 0.0790 0.1355 9  
## 3648 I 0.485 0.365 0.125 0.4260 0.1630 0.0965 0.1510 8  
## 3649 I 0.490 0.390 0.120 0.5110 0.2205 0.1030 0.1745 9  
## 3650 I 0.515 0.405 0.130 0.5730 0.2130 0.1340 0.1950 9  
## 3651 I 0.520 0.415 0.140 0.6385 0.2945 0.1405 0.1710 8  
## 3652 I 0.525 0.405 0.125 0.6570 0.2985 0.1505 0.1680 10  
## 3653 F 0.525 0.425 0.140 0.8735 0.4205 0.1820 0.2225 10  
## 3654 I 0.530 0.425 0.130 0.7810 0.3905 0.2005 0.2150 9  
## 3655 I 0.530 0.420 0.140 0.6765 0.2560 0.1855 0.2080 9  
## 3656 M 0.530 0.410 0.125 0.7690 0.3460 0.1730 0.2150 9  
## 3657 I 0.530 0.395 0.125 0.6235 0.2975 0.1080 0.1950 11  
## 3658 M 0.535 0.405 0.140 0.7315 0.3360 0.1560 0.1900 7  
## 3659 I 0.535 0.450 0.155 0.8075 0.3655 0.1480 0.2595 10  
## 3660 M 0.545 0.410 0.140 0.7370 0.3490 0.1500 0.2120 9  
## 3661 F 0.545 0.410 0.125 0.6540 0.2945 0.1315 0.2050 10  
## 3662 I 0.550 0.415 0.150 0.7915 0.3535 0.1760 0.2360 10  
## 3663 I 0.550 0.450 0.140 0.7530 0.3445 0.1325 0.2400 8  
## 3664 I 0.550 0.400 0.135 0.7170 0.3315 0.1495 0.2210 9  
## 3665 I 0.555 0.430 0.150 0.7830 0.3450 0.1755 0.2470 9  
## 3666 I 0.575 0.450 0.145 0.8720 0.4675 0.1800 0.2170 9  
## 3667 I 0.575 0.440 0.150 0.9830 0.4860 0.2150 0.2390 8  
## 3668 F 0.585 0.420 0.155 1.0340 0.4370 0.2225 0.3200 11  
## 3669 F 0.585 0.465 0.145 0.9855 0.4325 0.2145 0.2845 10  
## 3670 I 0.585 0.460 0.140 0.7635 0.3260 0.1530 0.2650 9  
## 3671 M 0.590 0.465 0.135 0.9895 0.4235 0.1990 0.2800 8  
## 3672 I 0.595 0.470 0.135 0.9365 0.4340 0.1840 0.2870 10  
## 3673 F 0.595 0.440 0.135 0.9640 0.5005 0.1715 0.2575 10  
## 3674 F 0.595 0.460 0.155 1.0455 0.4565 0.2400 0.3085 10  
## 3675 F 0.595 0.450 0.165 1.0810 0.4900 0.2525 0.2790 12  
## 3676 M 0.600 0.470 0.160 1.0120 0.4410 0.2015 0.3050 10  
## 3677 F 0.600 0.500 0.160 1.1220 0.5095 0.2560 0.3090 10  
## 3678 M 0.605 0.490 0.165 1.1245 0.4920 0.2220 0.3555 11  
## 3679 F 0.605 0.490 0.150 1.1345 0.4305 0.2525 0.3500 10  
## 3680 M 0.610 0.450 0.190 1.0805 0.5170 0.2495 0.2935 10  
## 3681 F 0.610 0.495 0.165 1.0835 0.4525 0.2730 0.3170 9  
## 3682 M 0.615 0.470 0.175 1.2420 0.5675 0.2870 0.3170 11  
## 3683 M 0.620 0.500 0.180 1.3915 0.7260 0.2795 0.3320 11  
## 3684 M 0.620 0.525 0.155 1.0850 0.4540 0.1965 0.3500 10  
## 3685 I 0.620 0.470 0.155 0.9660 0.4470 0.1710 0.2840 11  
## 3686 M 0.620 0.480 0.165 1.0855 0.4810 0.2575 0.3050 10  
## 3687 F 0.625 0.485 0.135 1.3025 0.6100 0.2675 0.3605 14  
## 3688 I 0.625 0.485 0.160 1.1500 0.5255 0.2570 0.3315 11  
## 3689 I 0.630 0.490 0.170 1.2170 0.5515 0.2120 0.3100 11  
## 3690 F 0.630 0.505 0.195 1.3060 0.5160 0.3305 0.3750 9  
## 3691 M 0.640 0.500 0.175 1.2730 0.5065 0.2925 0.4050 13  
## 3692 M 0.645 0.510 0.190 1.4865 0.6445 0.2960 0.4250 12  
## 3693 M 0.650 0.520 0.170 1.3655 0.6155 0.2885 0.3600 11  
## 3694 M 0.650 0.495 0.170 1.2760 0.6215 0.2305 0.3990 11  
## 3695 M 0.650 0.495 0.160 1.2075 0.5500 0.2695 0.3200 10  
## 3696 F 0.650 0.520 0.195 1.2810 0.5985 0.2460 0.3825 10  
## 3697 M 0.650 0.525 0.205 1.4275 0.6900 0.3060 0.4355 13  
## 3698 M 0.650 0.510 0.175 1.1550 0.4955 0.2025 0.3850 12  
## 3699 F 0.650 0.510 0.175 1.3500 0.5750 0.3155 0.3885 10  
## 3700 M 0.650 0.525 0.190 1.3685 0.5975 0.2960 0.4000 11  
## 3701 F 0.660 0.530 0.170 1.4310 0.6220 0.3090 0.3980 10  
## 3702 M 0.660 0.510 0.180 1.2610 0.5000 0.2335 0.3390 10  
## 3703 F 0.665 0.540 0.195 1.7640 0.8505 0.3615 0.4700 11  
## 3704 F 0.670 0.510 0.155 1.2780 0.5605 0.3045 0.3580 11  
## 3705 M 0.670 0.540 0.195 1.2170 0.5320 0.2735 0.3315 11  
## 3706 F 0.670 0.540 0.200 1.4600 0.6435 0.3280 0.4165 9  
## 3707 F 0.675 0.535 0.185 1.5575 0.7035 0.4020 0.4000 11  
## 3708 M 0.675 0.510 0.170 1.5270 0.8090 0.3180 0.3410 11  
## 3709 F 0.675 0.530 0.195 1.4985 0.6200 0.3750 0.4250 9  
## 3710 M 0.685 0.550 0.190 1.8850 0.8900 0.4100 0.4895 10  
## 3711 M 0.685 0.535 0.175 1.4320 0.6370 0.2470 0.4600 11  
## 3712 M 0.705 0.550 0.210 1.4385 0.6550 0.3255 0.4620 11  
## 3713 F 0.705 0.530 0.170 1.5640 0.6120 0.3940 0.4400 10  
## 3714 M 0.710 0.555 0.175 2.1400 1.2455 0.3725 0.4340 11  
## 3715 F 0.725 0.560 0.185 1.7920 0.8730 0.3670 0.4350 11  
## 3716 M 0.780 0.600 0.210 2.5480 1.1945 0.5745 0.6745 11  
## 3717 I 0.235 0.130 0.075 0.1585 0.0685 0.0370 0.0465 5  
## 3718 I 0.350 0.250 0.100 0.4015 0.1725 0.0630 0.1255 7  
## 3719 I 0.360 0.250 0.115 0.4650 0.2100 0.1055 0.1280 7  
## 3720 I 0.380 0.280 0.095 0.2885 0.1650 0.0435 0.0670 7  
## 3721 F 0.380 0.320 0.115 0.6475 0.3230 0.1325 0.1640 7  
## 3722 M 0.430 0.310 0.130 0.6485 0.2735 0.1630 0.1840 9  
## 3723 I 0.465 0.360 0.105 0.4520 0.2200 0.1590 0.1035 9  
## 3724 I 0.470 0.355 0.120 0.4915 0.1765 0.1125 0.1325 9  
## 3725 F 0.485 0.365 0.150 0.9145 0.4145 0.1990 0.2730 7  
## 3726 M 0.495 0.375 0.155 0.9760 0.4500 0.2285 0.2475 9  
## 3727 I 0.500 0.395 0.145 0.7865 0.3320 0.1815 0.2455 8  
## 3728 M 0.505 0.400 0.150 0.7750 0.3445 0.1570 0.1850 7  
## 3729 I 0.510 0.375 0.150 0.8415 0.3845 0.1560 0.2550 10  
## 3730 M 0.510 0.380 0.135 0.6810 0.3435 0.1420 0.1700 9  
## 3731 M 0.515 0.370 0.115 0.6145 0.3415 0.1550 0.1460 9  
## 3732 F 0.550 0.415 0.180 1.1655 0.5020 0.3010 0.3110 9  
## 3733 F 0.575 0.420 0.190 1.7640 0.9140 0.3770 0.4095 10  
## 3734 M 0.605 0.455 0.160 1.1215 0.5330 0.2730 0.2710 10  
## 3735 M 0.615 0.505 0.165 1.1670 0.4895 0.2955 0.3450 10  
## 3736 M 0.615 0.475 0.150 1.0375 0.4760 0.2325 0.2830 9  
## 3737 M 0.625 0.480 0.180 1.2230 0.5650 0.2975 0.3375 10  
## 3738 M 0.625 0.470 0.150 1.1240 0.5560 0.2315 0.2870 9  
## 3739 F 0.635 0.505 0.170 1.2635 0.5120 0.3220 0.3550 9  
## 3740 F 0.650 0.525 0.165 1.2380 0.6470 0.2485 0.3005 9  
## 3741 F 0.650 0.500 0.170 1.4045 0.6940 0.3180 0.3235 11  
## 3742 F 0.670 0.525 0.195 1.3700 0.6065 0.2955 0.4070 12  
## 3743 F 0.695 0.525 0.205 1.8185 0.8190 0.4025 0.4525 13  
## 3744 F 0.705 0.555 0.195 1.7525 0.7105 0.4215 0.5160 12  
## 3745 I 0.275 0.205 0.065 0.1010 0.0410 0.0210 0.0340 5  
## 3746 I 0.285 0.205 0.070 0.1060 0.0390 0.0285 0.0340 5  
## 3747 I 0.360 0.265 0.085 0.1865 0.0675 0.0370 0.0615 7  
## 3748 I 0.385 0.290 0.100 0.2575 0.1000 0.0610 0.0860 6  
## 3749 I 0.400 0.315 0.100 0.3225 0.1430 0.0735 0.0910 6  
## 3750 I 0.430 0.330 0.095 0.3200 0.1180 0.0650 0.1230 7  
## 3751 I 0.435 0.375 0.110 0.4155 0.1700 0.0760 0.1450 8  
## 3752 I 0.450 0.335 0.115 0.3935 0.1950 0.0710 0.1100 7  
## 3753 I 0.475 0.355 0.135 0.4775 0.2145 0.0900 0.1435 8  
## 3754 I 0.475 0.360 0.110 0.4520 0.1910 0.0990 0.1300 8  
## 3755 I 0.485 0.370 0.140 0.5065 0.2425 0.0880 0.1465 8  
## 3756 I 0.510 0.395 0.105 0.5525 0.2340 0.1270 0.1650 8  
## 3757 I 0.515 0.390 0.120 0.5650 0.2350 0.1350 0.1790 9  
## 3758 I 0.520 0.410 0.140 0.6990 0.3395 0.1290 0.1945 10  
## 3759 I 0.525 0.400 0.140 0.6055 0.2605 0.1080 0.2100 9  
## 3760 M 0.530 0.425 0.155 0.7905 0.3070 0.1710 0.2595 9  
## 3761 M 0.530 0.425 0.130 0.7020 0.2975 0.1395 0.2200 9  
## 3762 M 0.530 0.420 0.135 0.6750 0.2940 0.1560 0.1825 10  
## 3763 I 0.530 0.395 0.115 0.4750 0.2025 0.1010 0.1480 8  
## 3764 I 0.530 0.410 0.150 0.6120 0.2435 0.1525 0.1895 11  
## 3765 I 0.535 0.400 0.145 0.7050 0.3065 0.1365 0.2200 10  
## 3766 I 0.535 0.450 0.135 0.7280 0.2845 0.1845 0.2650 9  
## 3767 F 0.555 0.440 0.140 0.8460 0.3460 0.1715 0.2735 10  
## 3768 M 0.555 0.460 0.160 0.8600 0.3345 0.1935 0.2750 10  
## 3769 M 0.560 0.465 0.145 0.8875 0.3345 0.2200 0.2695 9  
## 3770 F 0.560 0.430 0.145 0.8980 0.3895 0.2325 0.2450 9  
## 3771 I 0.565 0.430 0.125 0.6545 0.2815 0.1390 0.2100 9  
## 3772 I 0.575 0.450 0.145 0.7950 0.3640 0.1505 0.2600 10  
## 3773 M 0.575 0.465 0.120 1.0535 0.5160 0.2185 0.2350 9  
## 3774 F 0.575 0.460 0.150 0.9270 0.3330 0.2070 0.2985 9  
## 3775 I 0.580 0.420 0.140 0.7010 0.3285 0.1020 0.2255 9  
## 3776 M 0.580 0.450 0.155 0.8275 0.3210 0.1975 0.2445 8  
## 3777 F 0.585 0.420 0.155 0.9845 0.4420 0.2155 0.2875 13  
## 3778 M 0.585 0.470 0.145 0.9565 0.4025 0.2365 0.2650 9  
## 3779 I 0.590 0.450 0.125 0.8600 0.4370 0.1515 0.2450 9  
## 3780 M 0.595 0.480 0.185 1.1785 0.5260 0.2975 0.3140 10  
## 3781 M 0.615 0.480 0.185 1.2205 0.4985 0.3150 0.3300 10  
## 3782 M 0.615 0.455 0.130 0.9685 0.4900 0.1820 0.2655 10  
## 3783 F 0.620 0.500 0.175 1.1070 0.4895 0.2400 0.3430 11  
## 3784 I 0.620 0.480 0.180 1.1305 0.5285 0.2655 0.3060 12  
## 3785 M 0.620 0.480 0.155 1.2555 0.5270 0.3740 0.3175 11  
## 3786 M 0.625 0.495 0.155 1.1770 0.5055 0.2780 0.3450 9  
## 3787 M 0.625 0.500 0.185 1.2425 0.5995 0.2480 0.3350 10  
## 3788 M 0.630 0.490 0.160 1.0900 0.4070 0.2240 0.3540 12  
## 3789 F 0.630 0.475 0.150 1.0720 0.4330 0.2975 0.3150 8  
## 3790 F 0.645 0.510 0.155 1.1290 0.5015 0.2400 0.3420 10  
## 3791 F 0.650 0.505 0.175 1.2075 0.5105 0.2620 0.3900 10  
## 3792 F 0.650 0.495 0.175 1.2270 0.5280 0.2580 0.3700 11  
## 3793 F 0.655 0.520 0.175 1.4720 0.6275 0.2700 0.4500 13  
## 3794 F 0.665 0.525 0.180 1.5785 0.6780 0.2290 0.4560 14  
## 3795 M 0.670 0.520 0.175 1.4755 0.6275 0.3790 0.3740 10  
## 3796 M 0.675 0.540 0.175 1.5545 0.6645 0.2780 0.5120 12  
## 3797 F 0.675 0.540 0.210 1.5930 0.6860 0.3180 0.4500 11  
## 3798 M 0.695 0.580 0.200 1.8995 0.6750 0.4780 0.5295 13  
## 3799 F 0.695 0.535 0.175 1.3610 0.5465 0.2815 0.4650 10  
## 3800 F 0.705 0.560 0.170 1.4575 0.6070 0.3180 0.4400 11  
## 3801 M 0.740 0.580 0.205 2.3810 0.8155 0.4695 0.4880 12  
## 3802 I 0.205 0.155 0.045 0.0495 0.0235 0.0110 0.0140 3  
## 3803 I 0.305 0.230 0.075 0.1455 0.0595 0.0305 0.0500 6  
## 3804 I 0.320 0.230 0.060 0.1290 0.0615 0.0275 0.0355 7  
## 3805 I 0.355 0.270 0.100 0.2255 0.1100 0.0420 0.0640 7  
## 3806 M 0.425 0.305 0.110 0.3590 0.1730 0.0875 0.0975 9  
## 3807 I 0.425 0.310 0.095 0.3505 0.1645 0.0710 0.1000 8  
## 3808 F 0.450 0.365 0.115 0.5885 0.3180 0.1210 0.1325 8  
## 3809 M 0.515 0.385 0.130 0.6230 0.2855 0.1285 0.1750 10  
## 3810 F 0.520 0.375 0.135 0.5375 0.2210 0.1170 0.1700 8  
## 3811 I 0.525 0.400 0.125 0.5655 0.2435 0.1190 0.1750 8  
## 3812 M 0.555 0.445 0.130 0.8625 0.4225 0.1550 0.2400 9  
## 3813 F 0.610 0.490 0.170 1.1370 0.4605 0.2825 0.3440 12  
## 3814 I 0.350 0.260 0.095 0.2210 0.0985 0.0430 0.0700 8  
## 3815 I 0.380 0.275 0.095 0.2425 0.1060 0.0485 0.2100 6  
## 3816 I 0.460 0.340 0.100 0.3860 0.1805 0.0875 0.0965 8  
## 3817 M 0.465 0.355 0.120 0.5315 0.2725 0.0970 0.1395 8  
## 3818 M 0.475 0.385 0.120 0.5620 0.2890 0.0905 0.1530 8  
## 3819 M 0.565 0.445 0.140 0.8360 0.4060 0.1605 0.2245 9  
## 3820 M 0.570 0.450 0.140 0.9275 0.4770 0.1605 0.2515 8  
## 3821 M 0.570 0.440 0.145 0.8815 0.3605 0.1955 0.2735 10  
## 3822 M 0.595 0.460 0.155 1.0300 0.4275 0.2070 0.3305 10  
## 3823 F 0.605 0.480 0.175 1.1685 0.4815 0.2305 0.3560 9  
## 3824 F 0.615 0.455 0.135 1.0590 0.4735 0.2630 0.2740 9  
## 3825 M 0.620 0.460 0.170 1.1270 0.5350 0.2635 0.2960 7  
## 3826 M 0.625 0.470 0.170 1.1665 0.4605 0.2565 0.3945 11  
## 3827 F 0.680 0.520 0.185 1.5410 0.5985 0.3950 0.4575 10  
## 3828 M 0.680 0.540 0.195 1.7825 0.5565 0.3235 0.4285 11  
## 3829 M 0.680 0.520 0.175 1.5430 0.7525 0.3510 0.3740 11  
## 3830 F 0.710 0.555 0.170 1.4700 0.5375 0.3800 0.4310 12  
## 3831 M 0.500 0.385 0.120 0.6335 0.2305 0.1250 0.2350 14  
## 3832 F 0.545 0.420 0.175 0.7540 0.2560 0.1775 0.2750 10  
## 3833 F 0.460 0.365 0.115 0.4485 0.1650 0.0830 0.1700 14  
## 3834 M 0.535 0.410 0.150 0.8105 0.3450 0.1870 0.2400 11  
## 3835 M 0.335 0.260 0.075 0.2200 0.0855 0.0400 0.0850 6  
## 3836 F 0.425 0.350 0.100 0.4425 0.1750 0.0755 0.1750 7  
## 3837 M 0.410 0.325 0.100 0.3555 0.1460 0.0720 0.1050 9  
## 3838 I 0.170 0.105 0.035 0.0340 0.0120 0.0085 0.0050 4  
## 3839 I 0.335 0.250 0.095 0.1850 0.0795 0.0495 0.0550 8  
## 3840 M 0.520 0.425 0.125 0.7900 0.3720 0.2050 0.1900 8  
## 3841 F 0.530 0.410 0.145 0.8255 0.3750 0.2040 0.2450 9  
## 3842 M 0.500 0.420 0.125 0.6200 0.2550 0.1500 0.2050 11  
## 3843 F 0.615 0.475 0.145 0.9525 0.3915 0.1950 0.3200 9  
## 3844 M 0.575 0.450 0.160 0.9550 0.4400 0.1685 0.2700 16  
## 3845 M 0.570 0.450 0.155 0.9100 0.3260 0.1895 0.3550 14  
## 3846 M 0.455 0.350 0.105 0.4160 0.1625 0.0970 0.1450 11  
## 3847 I 0.370 0.275 0.085 0.2045 0.0960 0.0560 0.0800 6  
## 3848 M 0.445 0.370 0.125 0.5150 0.2495 0.0870 0.1590 9  
## 3849 F 0.675 0.535 0.220 1.6040 0.6175 0.4255 0.4530 14  
## 3850 M 0.385 0.300 0.115 0.3435 0.1645 0.0850 0.1025 6  
## 3851 F 0.375 0.295 0.110 0.3005 0.1255 0.0575 0.1035 7  
## 3852 M 0.560 0.440 0.130 0.8255 0.2425 0.2020 0.2850 10  
## 3853 M 0.550 0.410 0.150 0.7850 0.2820 0.1860 0.2750 12  
## 3854 F 0.570 0.465 0.155 0.9685 0.4460 0.2610 0.2550 9  
## 3855 F 0.485 0.400 0.155 0.7310 0.2360 0.1830 0.2550 11  
## 3856 M 0.410 0.335 0.115 0.4405 0.1900 0.0850 0.1350 8  
## 3857 I 0.335 0.255 0.085 0.1785 0.0710 0.0405 0.0550 9  
## 3858 M 0.655 0.515 0.200 1.3730 0.4430 0.3375 0.4900 16  
## 3859 F 0.565 0.450 0.165 0.9765 0.3220 0.2440 0.3700 12  
## 3860 F 0.570 0.440 0.190 1.0180 0.4470 0.2070 0.2650 9  
## 3861 F 0.550 0.465 0.150 1.0820 0.3575 0.1940 0.1900 14  
## 3862 F 0.630 0.475 0.175 1.4230 0.4155 0.3385 0.4900 14  
## 3863 M 0.475 0.370 0.125 0.6550 0.2660 0.1725 0.1850 10  
## 3864 F 0.655 0.500 0.180 1.4155 0.5080 0.3140 0.4450 18  
## 3865 I 0.320 0.235 0.065 0.1385 0.0580 0.0225 0.0500 5  
## 3866 M 0.525 0.395 0.165 0.7820 0.2850 0.1405 0.2850 19  
## 3867 F 0.525 0.430 0.165 0.7170 0.2890 0.1745 0.1950 10  
## 3868 F 0.500 0.390 0.130 0.6355 0.2505 0.1635 0.1950 15  
## 3869 F 0.440 0.340 0.135 0.3975 0.1505 0.0945 0.1350 8  
## 3870 F 0.490 0.385 0.160 0.6560 0.2455 0.1710 0.2050 9  
## 3871 M 0.545 0.440 0.165 0.7440 0.2875 0.2040 0.2500 15  
## 3872 F 0.450 0.360 0.110 0.4470 0.2030 0.0820 0.1300 12  
## 3873 F 0.515 0.400 0.115 0.5780 0.1910 0.1445 0.1700 9  
## 3874 I 0.330 0.250 0.075 0.1405 0.0560 0.0350 0.0500 5  
## 3875 F 0.525 0.410 0.150 0.7080 0.2740 0.1510 0.2500 12  
## 3876 M 0.295 0.225 0.090 0.1385 0.0480 0.0460 0.0500 9  
## 3877 M 0.545 0.450 0.160 0.8615 0.2925 0.1545 0.3650 16  
## 3878 F 0.645 0.500 0.225 1.6260 0.5870 0.4055 0.4100 15  
## 3879 M 0.450 0.355 0.115 0.4780 0.1800 0.1185 0.1550 10  
## 3880 F 0.610 0.490 0.170 1.1775 0.5655 0.2385 0.2950 15  
## 3881 I 0.380 0.300 0.100 0.2860 0.1305 0.0560 0.0900 7  
## 3882 F 0.565 0.455 0.130 1.0580 0.4390 0.2645 0.3000 10  
## 3883 F 0.670 0.545 0.160 1.5415 0.5985 0.2565 0.4950 15  
## 3884 M 0.540 0.425 0.120 0.8170 0.2945 0.1530 0.1950 10  
## 3885 I 0.290 0.225 0.075 0.1520 0.0710 0.0590 0.0450 9  
## 3886 I 0.410 0.330 0.105 0.3350 0.1525 0.0740 0.1100 7  
## 3887 F 0.460 0.375 0.120 0.4915 0.2205 0.0880 0.1700 7  
## 3888 F 0.560 0.440 0.155 0.9705 0.4315 0.2630 0.2550 9  
## 3889 F 0.575 0.450 0.100 0.9315 0.4310 0.2220 0.2350 12  
## 3890 M 0.620 0.500 0.200 1.2210 0.4605 0.2630 0.4300 12  
## 3891 M 0.515 0.400 0.140 0.7365 0.2955 0.1840 0.1850 16  
## 3892 F 0.560 0.460 0.180 0.9700 0.3420 0.1960 0.3550 12  
## 3893 F 0.500 0.400 0.150 0.8085 0.2730 0.1120 0.2950 13  
## 3894 I 0.435 0.355 0.125 0.4075 0.1535 0.0740 0.1650 9  
## 3895 M 0.495 0.380 0.135 0.6295 0.2630 0.1425 0.2150 12  
## 3896 F 0.595 0.500 0.180 1.0530 0.4405 0.1920 0.3900 13  
## 3897 M 0.760 0.575 0.190 1.8290 0.7035 0.3860 0.5600 14  
## 3898 F 0.615 0.500 0.165 1.1765 0.4880 0.2440 0.3450 17  
## 3899 F 0.565 0.460 0.150 0.8765 0.3455 0.1925 0.2750 10  
## 3900 I 0.140 0.105 0.035 0.0145 0.0050 0.0035 0.0050 4  
## 3901 M 0.445 0.345 0.140 0.4760 0.2055 0.1015 0.1085 15  
## 3902 F 0.525 0.430 0.125 0.8130 0.3315 0.1660 0.1775 12  
## 3903 I 0.160 0.120 0.020 0.0180 0.0075 0.0045 0.0050 4  
## 3904 M 0.635 0.480 0.235 1.0640 0.4130 0.2280 0.3600 16  
## 3905 M 0.575 0.470 0.165 0.8530 0.2920 0.1790 0.3500 16  
## 3906 M 0.380 0.270 0.095 0.2190 0.0835 0.0515 0.0700 6  
## 3907 M 0.245 0.180 0.065 0.0635 0.0245 0.0135 0.0200 4  
## 3908 I 0.480 0.390 0.150 0.6275 0.2760 0.1340 0.1850 13  
## 3909 I 0.455 0.365 0.135 0.4410 0.1515 0.1165 0.1450 9  
## 3910 F 0.455 0.375 0.125 0.4580 0.1985 0.1110 0.1200 10  
## 3911 M 0.455 0.355 0.135 0.4745 0.1865 0.0935 0.1680 13  
## 3912 I 0.355 0.270 0.100 0.2160 0.0830 0.0370 0.0750 10  
## 3913 I 0.520 0.405 0.140 0.6765 0.2865 0.1460 0.2050 15  
## 3914 I 0.540 0.400 0.145 0.7570 0.3150 0.1810 0.2150 11  
## 3915 I 0.520 0.390 0.140 0.7325 0.2415 0.1440 0.2600 19  
## 3916 I 0.560 0.445 0.165 1.0285 0.4535 0.2530 0.2750 11  
## 3917 F 0.520 0.410 0.160 0.7120 0.2845 0.1530 0.2250 10  
## 3918 I 0.615 0.460 0.190 1.0660 0.4335 0.2260 0.3300 13  
## 3919 F 0.645 0.490 0.190 1.3065 0.4790 0.3565 0.3450 18  
## 3920 I 0.565 0.430 0.135 0.8545 0.3210 0.1775 0.2750 11  
## 3921 M 0.295 0.230 0.085 0.1250 0.0420 0.0285 0.0430 8  
## 3922 M 0.375 0.280 0.095 0.2225 0.0875 0.0430 0.0800 10  
## 3923 I 0.525 0.400 0.140 0.6955 0.2405 0.1600 0.2530 10  
## 3924 M 0.395 0.280 0.080 0.2660 0.0995 0.0660 0.0900 12  
## 3925 F 0.500 0.400 0.165 0.7105 0.2700 0.1455 0.2250 20  
## 3926 F 0.470 0.350 0.115 0.4870 0.1955 0.1270 0.1550 8  
## 3927 I 0.580 0.420 0.160 0.7280 0.2725 0.1900 0.1900 14  
## 3928 I 0.500 0.380 0.155 0.6675 0.2745 0.1560 0.1800 12  
## 3929 I 0.725 0.550 0.220 2.0495 0.7735 0.4405 0.6550 10  
## 3930 F 0.650 0.515 0.215 1.4980 0.5640 0.3230 0.4250 16  
## 3931 F 0.670 0.535 0.185 1.5970 0.6275 0.3500 0.4700 21  
## 3932 I 0.550 0.440 0.165 0.8605 0.3120 0.1690 0.3000 17  
## 3933 F 0.490 0.370 0.115 0.5410 0.1710 0.1175 0.1850 11  
## 3934 I 0.235 0.180 0.060 0.0580 0.0220 0.0145 0.0180 6  
## 3935 I 0.235 0.175 0.080 0.0645 0.0215 0.0175 0.0215 5  
## 3936 M 0.520 0.410 0.115 0.7700 0.2630 0.1570 0.2600 11  
## 3937 F 0.475 0.400 0.115 0.5410 0.1860 0.1025 0.2100 13  
## 3938 M 0.530 0.425 0.110 0.7390 0.2370 0.1610 0.2950 13  
## 3939 F 0.350 0.275 0.065 0.2050 0.0745 0.0465 0.0700 10  
## 3940 M 0.555 0.420 0.145 0.8695 0.3075 0.2575 0.2500 14  
## 3941 M 0.505 0.390 0.105 0.6555 0.2595 0.1800 0.1900 11  
## 3942 F 0.540 0.440 0.160 1.0905 0.3910 0.2295 0.3550 15  
## 3943 F 0.525 0.400 0.115 0.6295 0.2555 0.1440 0.1800 11  
## 3944 M 0.550 0.450 0.175 1.0985 0.3765 0.2150 0.4000 14  
## 3945 M 0.550 0.440 0.160 0.9910 0.3480 0.1680 0.3750 20  
## 3946 I 0.235 0.175 0.065 0.0615 0.0205 0.0200 0.0190 6  
## 3947 M 0.525 0.410 0.165 0.8005 0.2635 0.1985 0.2500 13  
## 3948 M 0.475 0.365 0.140 0.6175 0.2020 0.1445 0.1900 16  
## 3949 F 0.530 0.400 0.165 0.7720 0.2855 0.1975 0.2300 12  
## 3950 F 0.525 0.415 0.150 0.7155 0.2355 0.1710 0.2700 13  
## 3951 F 0.530 0.425 0.130 0.7170 0.2115 0.1660 0.2550 13  
## 3952 F 0.465 0.390 0.110 0.6355 0.1815 0.1570 0.2250 13  
## 3953 I 0.315 0.235 0.080 0.1800 0.0800 0.0450 0.0470 5  
## 3954 I 0.465 0.355 0.120 0.5805 0.2550 0.0915 0.1840 8  
## 3955 M 0.485 0.385 0.105 0.5560 0.2960 0.1040 0.1330 7  
## 3956 I 0.490 0.385 0.120 0.5910 0.2710 0.1125 0.1775 9  
## 3957 F 0.515 0.395 0.140 0.6860 0.2810 0.1255 0.2200 12  
## 3958 F 0.555 0.440 0.155 1.0160 0.4935 0.1855 0.2630 10  
## 3959 F 0.610 0.500 0.180 1.4380 0.5185 0.3735 0.3345 9  
## 3960 F 0.680 0.550 0.190 1.8070 0.8225 0.3655 0.5150 11  
## 3961 M 0.690 0.550 0.195 1.7770 0.7690 0.3800 0.4305 11  
## 3962 M 0.695 0.550 0.205 2.1730 1.1330 0.4665 0.4960 10  
## 3963 F 0.720 0.575 0.195 2.1505 1.0745 0.3820 0.5850 10  
## 3964 I 0.270 0.205 0.075 0.1180 0.0590 0.0310 0.0305 4  
## 3965 I 0.270 0.190 0.060 0.0990 0.0445 0.0170 0.0300 5  
## 3966 I 0.295 0.220 0.070 0.1365 0.0575 0.0295 0.0350 6  
## 3967 I 0.295 0.220 0.065 0.1295 0.0520 0.0280 0.0350 6  
## 3968 I 0.315 0.230 0.070 0.1640 0.0625 0.0400 0.0450 6  
## 3969 I 0.375 0.290 0.095 0.2875 0.1230 0.0605 0.0800 6  
## 3970 I 0.380 0.300 0.090 0.2770 0.1655 0.0625 0.0820 6  
## 3971 I 0.385 0.285 0.090 0.2480 0.0935 0.0660 0.0700 6  
## 3972 I 0.400 0.295 0.095 0.2520 0.1105 0.0575 0.0660 6  
## 3973 M 0.415 0.315 0.120 0.4015 0.1990 0.0870 0.0970 8  
## 3974 I 0.415 0.330 0.100 0.3905 0.1925 0.0755 0.1025 7  
## 3975 I 0.420 0.320 0.115 0.4090 0.2055 0.0935 0.1050 8  
## 3976 I 0.440 0.330 0.135 0.4095 0.1630 0.1005 0.1190 6  
## 3977 I 0.450 0.350 0.135 0.4940 0.2205 0.0945 0.1405 7  
## 3978 I 0.475 0.350 0.120 0.4905 0.2035 0.1300 0.1350 7  
## 3979 M 0.485 0.390 0.120 0.5990 0.2510 0.1345 0.1690 8  
## 3980 M 0.495 0.375 0.115 0.6245 0.2820 0.1430 0.1550 6  
## 3981 F 0.525 0.410 0.115 0.7745 0.4160 0.1630 0.1800 7  
## 3982 M 0.565 0.455 0.150 0.9795 0.4440 0.2050 0.2750 8  
## 3983 I 0.580 0.435 0.150 0.8915 0.3630 0.1925 0.2515 6  
## 3984 F 0.585 0.450 0.125 0.8740 0.3545 0.2075 0.2250 6  
## 3985 M 0.600 0.465 0.155 1.2620 0.6245 0.2455 0.3300 10  
## 3986 M 0.630 0.480 0.185 1.2100 0.5300 0.2555 0.3220 11  
## 3987 F 0.645 0.525 0.170 1.3700 0.6135 0.2830 0.3400 10  
## 3988 F 0.655 0.545 0.185 1.7590 0.6865 0.3130 0.5470 11  
## 3989 M 0.665 0.515 0.165 1.3855 0.6210 0.3020 0.3445 8  
## 3990 F 0.670 0.520 0.195 1.8065 0.7580 0.3735 0.5055 11  
## 3991 M 0.670 0.510 0.200 1.5945 0.6705 0.3845 0.4505 10  
## 3992 M 0.685 0.510 0.180 1.4545 0.6315 0.3105 0.3725 9  
## 3993 M 0.700 0.600 0.230 2.0030 0.8105 0.4045 0.5755 10  
## 3994 M 0.720 0.600 0.235 2.2385 0.9840 0.4110 0.6210 12  
## 3995 I 0.185 0.135 0.045 0.0320 0.0110 0.0065 0.0100 4  
## 3996 I 0.245 0.175 0.055 0.0785 0.0400 0.0180 0.0200 5  
## 3997 I 0.315 0.230 0.000 0.1340 0.0575 0.0285 0.3505 6  
## 3998 I 0.360 0.270 0.090 0.2075 0.0980 0.0390 0.0620 6  
## 3999 I 0.375 0.280 0.080 0.2235 0.1150 0.0430 0.0550 6  
## 4000 I 0.415 0.310 0.095 0.3400 0.1810 0.0570 0.0830 6  
## 4001 I 0.455 0.350 0.135 0.5365 0.2855 0.0855 0.1325 7  
## 4002 I 0.480 0.350 0.105 0.6350 0.3520 0.1270 0.1350 6  
## 4003 I 0.485 0.375 0.125 0.5620 0.2505 0.1345 0.1525 8  
## 4004 I 0.510 0.390 0.125 0.5970 0.2930 0.1265 0.1555 8  
## 4005 M 0.520 0.395 0.125 0.5815 0.2565 0.1265 0.1700 10  
## 4006 F 0.555 0.430 0.140 0.7545 0.3525 0.1835 0.2015 9  
## 4007 M 0.585 0.465 0.150 0.9800 0.4315 0.2545 0.2470 9  
## 4008 F 0.585 0.460 0.150 1.0035 0.5030 0.2105 0.2515 11  
## 4009 M 0.585 0.455 0.155 1.1330 0.5515 0.2230 0.3050 12  
## 4010 M 0.610 0.490 0.160 1.1460 0.5970 0.2460 0.2650 8  
## 4011 M 0.610 0.475 0.150 1.1420 0.6200 0.2370 0.2450 9  
## 4012 M 0.615 0.530 0.170 1.1200 0.5775 0.2095 0.2860 9  
## 4013 F 0.620 0.465 0.140 1.0110 0.4790 0.2385 0.2550 8  
## 4014 M 0.625 0.505 0.175 1.1310 0.5425 0.2265 0.3230 8  
## 4015 M 0.625 0.480 0.175 1.0650 0.4865 0.2590 0.2850 10  
## 4016 M 0.635 0.480 0.145 1.1810 0.6650 0.2290 0.2250 10  
## 4017 F 0.640 0.525 0.175 1.3820 0.6460 0.3115 0.3700 9  
## 4018 M 0.660 0.505 0.190 1.4385 0.6775 0.2850 0.1780 11  
## 4019 M 0.660 0.485 0.155 1.2275 0.6100 0.2740 0.3000 8  
## 4020 M 0.660 0.515 0.155 1.4415 0.7055 0.3555 0.3350 10  
## 4021 F 0.680 0.550 0.175 1.4730 0.7130 0.2820 0.4295 11  
## 4022 F 0.690 0.580 0.195 1.6580 0.7080 0.3615 0.4715 10  
## 4023 M 0.720 0.545 0.195 1.7475 0.8215 0.3830 0.4705 11  
## 4024 I 0.275 0.200 0.070 0.0960 0.0370 0.0225 0.0300 6  
## 4025 I 0.330 0.245 0.065 0.1445 0.0580 0.0320 0.0505 6  
## 4026 I 0.330 0.260 0.085 0.1965 0.0915 0.0425 0.0550 7  
## 4027 I 0.365 0.280 0.090 0.1960 0.0865 0.0360 0.0605 7  
## 4028 I 0.365 0.270 0.090 0.2155 0.1005 0.0490 0.0655 6  
## 4029 I 0.420 0.310 0.100 0.2805 0.1125 0.0615 0.0925 8  
## 4030 I 0.435 0.335 0.110 0.3340 0.1355 0.0775 0.0965 7  
## 4031 I 0.435 0.325 0.100 0.3660 0.1740 0.0725 0.1090 7  
## 4032 I 0.440 0.325 0.110 0.4965 0.2580 0.1195 0.1075 8  
## 4033 I 0.485 0.365 0.090 0.6510 0.3165 0.1320 0.1800 8  
## 4034 I 0.495 0.385 0.125 0.5125 0.2075 0.1155 0.1720 10  
## 4035 M 0.510 0.405 0.125 0.6925 0.3270 0.1550 0.1805 7  
## 4036 I 0.520 0.410 0.140 0.5995 0.2420 0.1375 0.1820 11  
## 4037 I 0.540 0.420 0.140 0.7400 0.3595 0.1590 0.1985 8  
## 4038 I 0.540 0.415 0.155 0.7020 0.3220 0.1670 0.1900 10  
## 4039 I 0.550 0.445 0.125 0.6720 0.2880 0.1365 0.2100 11  
## 4040 I 0.560 0.440 0.155 0.8110 0.3685 0.1780 0.2350 11  
## 4041 F 0.575 0.450 0.120 0.9585 0.4470 0.1690 0.2750 12  
## 4042 I 0.575 0.450 0.150 0.8580 0.4490 0.1660 0.2150 10  
## 4043 F 0.575 0.460 0.165 0.9575 0.4815 0.1945 0.2360 10  
## 4044 F 0.580 0.460 0.135 0.9260 0.4025 0.2080 0.2750 8  
## 4045 F 0.580 0.425 0.155 0.8730 0.3615 0.2490 0.2390 10  
## 4046 M 0.590 0.450 0.160 0.9980 0.4450 0.2140 0.3010 9  
## 4047 M 0.600 0.460 0.155 0.6655 0.2850 0.1490 0.2690 11  
## 4048 M 0.620 0.485 0.145 1.0030 0.4655 0.2195 0.2800 11  
## 4049 F 0.625 0.495 0.160 1.2340 0.6335 0.1920 0.3500 13  
## 4050 M 0.625 0.495 0.155 1.0250 0.4600 0.1945 0.3400 9  
## 4051 M 0.625 0.495 0.175 1.2935 0.5805 0.3170 0.3550 9  
## 4052 M 0.625 0.500 0.175 1.0565 0.4615 0.2580 0.3050 10  
## 4053 M 0.625 0.470 0.145 1.7855 0.6750 0.2470 0.3245 13  
## 4054 F 0.625 0.485 0.165 1.2255 0.5075 0.2960 0.3600 10  
## 4055 F 0.635 0.500 0.180 1.2565 0.5390 0.2920 0.3500 10  
## 4056 F 0.645 0.500 0.150 1.1590 0.4675 0.3355 0.3100 9  
## 4057 M 0.645 0.510 0.165 1.4030 0.5755 0.2515 0.4545 11  
## 4058 F 0.690 0.535 0.185 1.8260 0.7970 0.4090 0.4990 11  
## 4059 F 0.695 0.560 0.185 1.7715 0.8195 0.3310 0.4370 10  
## 4060 M 0.515 0.390 0.120 0.6125 0.3020 0.1365 0.1415 8  
## 4061 I 0.545 0.405 0.130 0.6580 0.3270 0.1445 0.1740 8  
## 4062 M 0.620 0.465 0.145 0.9110 0.3750 0.2145 0.2780 10  
## 4063 M 0.630 0.490 0.150 1.1955 0.5845 0.2570 0.3000 9  
## 4064 F 0.630 0.515 0.160 1.3360 0.5530 0.3205 0.3500 11  
## 4065 F 0.640 0.490 0.180 1.3600 0.6530 0.3470 0.3050 9  
## 4066 I 0.370 0.275 0.080 0.2325 0.0930 0.0560 0.0720 6  
## 4067 I 0.395 0.310 0.085 0.3170 0.1530 0.0505 0.0935 7  
## 4068 I 0.400 0.300 0.115 0.3180 0.1335 0.0725 0.0935 6  
## 4069 I 0.410 0.305 0.100 0.2645 0.1000 0.0655 0.0850 7  
## 4070 I 0.455 0.335 0.105 0.4055 0.1750 0.0920 0.1185 8  
## 4071 I 0.480 0.335 0.125 0.5240 0.2460 0.1095 0.1450 7  
## 4072 I 0.485 0.375 0.110 0.4640 0.2015 0.0900 0.1490 8  
## 4073 I 0.500 0.360 0.120 0.4390 0.1875 0.1055 0.1305 8  
## 4074 I 0.515 0.395 0.125 0.5805 0.2365 0.1075 0.1900 9  
## 4075 I 0.520 0.400 0.140 0.6220 0.2780 0.1455 0.1690 8  
## 4076 M 0.545 0.450 0.150 0.7805 0.3795 0.1625 0.2160 8  
## 4077 I 0.545 0.430 0.140 0.7720 0.2890 0.1900 0.2615 8  
## 4078 I 0.550 0.435 0.125 0.7410 0.3480 0.1585 0.2060 9  
## 4079 M 0.550 0.430 0.180 0.8265 0.4405 0.1590 0.2250 10  
## 4080 M 0.550 0.385 0.130 0.7275 0.3430 0.1625 0.1900 8  
## 4081 I 0.555 0.430 0.125 0.7005 0.3395 0.1355 0.2095 8  
## 4082 M 0.560 0.450 0.145 0.9355 0.4250 0.1645 0.2725 11  
## 4083 I 0.565 0.465 0.150 1.1815 0.5810 0.2215 0.3095 9  
## 4084 M 0.570 0.445 0.160 1.0145 0.5160 0.1640 0.3000 10  
## 4085 F 0.575 0.480 0.170 1.1000 0.5060 0.2485 0.3100 10  
## 4086 M 0.585 0.510 0.160 1.2180 0.6390 0.2410 0.3000 11  
## 4087 M 0.590 0.450 0.155 0.8740 0.3690 0.2135 0.2400 8  
## 4088 I 0.595 0.475 0.155 0.9840 0.4865 0.1840 0.2755 10  
## 4089 M 0.600 0.470 0.130 1.0105 0.4230 0.2190 0.2980 9  
## 4090 M 0.610 0.365 0.155 1.0765 0.4880 0.2490 0.2700 9  
## 4091 M 0.615 0.475 0.205 1.3370 0.5995 0.2815 0.3700 11  
## 4092 M 0.625 0.500 0.180 1.3705 0.6450 0.3030 0.3705 12  
## 4093 F 0.625 0.490 0.190 1.7015 0.7465 0.4105 0.3855 11  
## 4094 M 0.630 0.485 0.180 1.2435 0.5175 0.3080 0.3700 11  
## 4095 M 0.630 0.530 0.175 1.4135 0.6670 0.2945 0.3555 13  
## 4096 F 0.635 0.485 0.155 1.0730 0.4670 0.1975 0.3500 11  
## 4097 F 0.635 0.500 0.175 1.4770 0.6840 0.3005 0.3900 12  
## 4098 M 0.635 0.500 0.180 1.2915 0.5940 0.2695 0.3700 9  
## 4099 F 0.650 0.495 0.160 1.3105 0.5770 0.3315 0.3550 9  
## 4100 M 0.670 0.525 0.180 1.4915 0.7280 0.3430 0.3810 9  
## 4101 F 0.675 0.520 0.175 1.4940 0.7365 0.3055 0.3700 9  
## 4102 F 0.675 0.510 0.150 1.1965 0.4750 0.3040 0.3860 11  
## 4103 M 0.680 0.545 0.185 1.6720 0.7075 0.3640 0.4800 11  
## 4104 M 0.700 0.545 0.215 1.9125 0.8825 0.4385 0.5060 10  
## 4105 F 0.710 0.545 0.175 1.9070 0.8725 0.4565 0.4750 11  
## 4106 F 0.715 0.565 0.180 1.7900 0.8440 0.3535 0.5385 9  
## 4107 F 0.720 0.590 0.205 1.7495 0.7755 0.4225 0.4800 11  
## 4108 I 0.420 0.305 0.100 0.3415 0.1645 0.0775 0.0860 7  
## 4109 I 0.480 0.350 0.100 0.5190 0.2365 0.1275 0.1260 7  
## 4110 M 0.480 0.365 0.130 0.5305 0.2405 0.1270 0.1390 8  
## 4111 M 0.510 0.410 0.155 1.2825 0.5690 0.2910 0.3795 9  
## 4112 I 0.515 0.400 0.140 0.7165 0.3495 0.1595 0.1785 8  
## 4113 F 0.560 0.420 0.180 1.6645 0.7755 0.3500 0.4525 9  
## 4114 I 0.560 0.420 0.140 0.8370 0.4140 0.2140 0.2000 8  
## 4115 F 0.570 0.450 0.150 0.9645 0.5310 0.1890 0.2090 9  
## 4116 F 0.605 0.465 0.155 1.1000 0.5470 0.2665 0.2585 10  
## 4117 M 0.625 0.480 0.160 1.2415 0.6575 0.2625 0.2785 9  
## 4118 F 0.640 0.505 0.175 1.3185 0.6185 0.3020 0.3315 9  
## 4119 M 0.650 0.525 0.185 1.3455 0.5860 0.2780 0.3865 9  
## 4120 I 0.300 0.215 0.050 0.1185 0.0480 0.0225 0.0420 4  
## 4121 M 0.350 0.265 0.090 0.1970 0.0730 0.0365 0.0770 7  
## 4122 I 0.455 0.350 0.130 0.4725 0.2150 0.0745 0.1500 9  
## 4123 I 0.460 0.365 0.110 0.4495 0.1755 0.1020 0.1500 8  
## 4124 I 0.490 0.375 0.115 0.5570 0.2275 0.1335 0.1765 8  
## 4125 I 0.500 0.385 0.120 0.5160 0.1970 0.1305 0.1650 8  
## 4126 I 0.540 0.415 0.135 0.7090 0.3195 0.1740 0.1850 9  
## 4127 M 0.550 0.420 0.145 0.7385 0.3210 0.1485 0.2520 11  
## 4128 I 0.550 0.445 0.110 0.7935 0.3780 0.1420 0.2600 10  
## 4129 M 0.555 0.435 0.145 0.9205 0.4040 0.2275 0.2550 8  
## 4130 I 0.570 0.425 0.140 0.7655 0.3310 0.1400 0.2400 10  
## 4131 M 0.580 0.450 0.140 0.8240 0.3465 0.1765 0.2630 10  
## 4132 I 0.580 0.425 0.145 0.8300 0.3790 0.1605 0.2575 11  
## 4133 I 0.585 0.470 0.170 0.9850 0.3695 0.2395 0.3150 10  
## 4134 M 0.585 0.450 0.150 0.9970 0.4055 0.2830 0.2510 11  
## 4135 F 0.595 0.455 0.140 0.9140 0.3895 0.2225 0.2710 9  
## 4136 F 0.600 0.500 0.170 1.1300 0.4405 0.2670 0.3350 11  
## 4137 F 0.615 0.495 0.155 1.0805 0.5200 0.1900 0.3200 9  
## 4138 M 0.630 0.505 0.155 1.1050 0.4920 0.2260 0.3250 11  
## 4139 M 0.630 0.490 0.155 1.2290 0.5350 0.2900 0.3350 11  
## 4140 F 0.635 0.495 0.175 1.2355 0.5205 0.3085 0.3470 10  
## 4141 F 0.645 0.535 0.190 1.2395 0.4680 0.2385 0.4240 10  
## 4142 F 0.650 0.505 0.165 1.3570 0.5725 0.2810 0.4300 11  
## 4143 M 0.655 0.525 0.180 1.4020 0.6240 0.2935 0.3650 13  
## 4144 F 0.655 0.500 0.220 1.3590 0.6420 0.3255 0.4050 13  
## 4145 M 0.670 0.535 0.190 1.6690 0.7465 0.2935 0.5080 11  
## 4146 M 0.670 0.525 0.200 1.7405 0.6205 0.2970 0.6570 11  
## 4147 M 0.695 0.530 0.210 1.5100 0.6640 0.4095 0.3850 10  
## 4148 M 0.695 0.550 0.195 1.6645 0.7270 0.3600 0.4450 11  
## 4149 M 0.770 0.605 0.175 2.0505 0.8005 0.5260 0.3550 11  
## 4150 I 0.280 0.215 0.070 0.1240 0.0630 0.0215 0.0300 6  
## 4151 I 0.330 0.230 0.080 0.1400 0.0565 0.0365 0.0460 7  
## 4152 I 0.350 0.250 0.075 0.1695 0.0835 0.0355 0.0410 6  
## 4153 I 0.370 0.280 0.090 0.2180 0.0995 0.0545 0.0615 7  
## 4154 I 0.430 0.315 0.115 0.3840 0.1885 0.0715 0.1100 8  
## 4155 I 0.435 0.330 0.095 0.3930 0.2190 0.0750 0.0885 6  
## 4156 I 0.440 0.350 0.110 0.3805 0.1575 0.0895 0.1150 6  
## 4157 M 0.475 0.370 0.110 0.4895 0.2185 0.1070 0.1460 8  
## 4158 M 0.475 0.360 0.140 0.5135 0.2410 0.1045 0.1550 8  
## 4159 I 0.480 0.355 0.110 0.4495 0.2010 0.0890 0.1400 8  
## 4160 F 0.560 0.440 0.135 0.8025 0.3500 0.1615 0.2590 9  
## 4161 F 0.585 0.475 0.165 1.0530 0.4580 0.2170 0.3000 11  
## 4162 F 0.585 0.455 0.170 0.9945 0.4255 0.2630 0.2845 11  
## 4163 M 0.385 0.255 0.100 0.3175 0.1370 0.0680 0.0920 8  
## 4164 I 0.390 0.310 0.085 0.3440 0.1810 0.0695 0.0790 7  
## 4165 I 0.390 0.290 0.100 0.2845 0.1255 0.0635 0.0810 7  
## 4166 I 0.405 0.300 0.085 0.3035 0.1500 0.0505 0.0880 7  
## 4167 I 0.475 0.365 0.115 0.4990 0.2320 0.0885 0.1560 10  
## 4168 M 0.500 0.380 0.125 0.5770 0.2690 0.1265 0.1535 9  
## 4169 F 0.515 0.400 0.125 0.6150 0.2865 0.1230 0.1765 8  
## 4170 M 0.520 0.385 0.165 0.7910 0.3750 0.1800 0.1815 10  
## 4171 M 0.550 0.430 0.130 0.8395 0.3155 0.1955 0.2405 10  
## 4172 M 0.560 0.430 0.155 0.8675 0.4000 0.1720 0.2290 8  
## 4173 F 0.565 0.450 0.165 0.8870 0.3700 0.2390 0.2490 11  
## 4174 M 0.590 0.440 0.135 0.9660 0.4390 0.2145 0.2605 10  
## 4175 M 0.600 0.475 0.205 1.1760 0.5255 0.2875 0.3080 9  
## 4176 F 0.625 0.485 0.150 1.0945 0.5310 0.2610 0.2960 10  
## 4177 M 0.710 0.555 0.195 1.9485 0.9455 0.3765 0.4950 12

summary(abalone.data)

## V1 V2 V3 V4   
## Length:4177 Min. :0.075 Min. :0.0550 Min. :0.0000   
## Class :character 1st Qu.:0.450 1st Qu.:0.3500 1st Qu.:0.1150   
## Mode :character Median :0.545 Median :0.4250 Median :0.1400   
## Mean :0.524 Mean :0.4079 Mean :0.1395   
## 3rd Qu.:0.615 3rd Qu.:0.4800 3rd Qu.:0.1650   
## Max. :0.815 Max. :0.6500 Max. :1.1300   
## V5 V6 V7 V8   
## Min. :0.0020 Min. :0.0010 Min. :0.0005 Min. :0.0015   
## 1st Qu.:0.4415 1st Qu.:0.1860 1st Qu.:0.0935 1st Qu.:0.1300   
## Median :0.7995 Median :0.3360 Median :0.1710 Median :0.2340   
## Mean :0.8287 Mean :0.3594 Mean :0.1806 Mean :0.2388   
## 3rd Qu.:1.1530 3rd Qu.:0.5020 3rd Qu.:0.2530 3rd Qu.:0.3290   
## Max. :2.8255 Max. :1.4880 Max. :0.7600 Max. :1.0050   
## V9   
## Min. : 1.000   
## 1st Qu.: 8.000   
## Median : 9.000   
## Mean : 9.934   
## 3rd Qu.:11.000   
## Max. :29.000

head(abalone.data)

## V1 V2 V3 V4 V5 V6 V7 V8 V9  
## 1 M 0.455 0.365 0.095 0.5140 0.2245 0.1010 0.150 15  
## 2 M 0.350 0.265 0.090 0.2255 0.0995 0.0485 0.070 7  
## 3 F 0.530 0.420 0.135 0.6770 0.2565 0.1415 0.210 9  
## 4 M 0.440 0.365 0.125 0.5160 0.2155 0.1140 0.155 10  
## 5 I 0.330 0.255 0.080 0.2050 0.0895 0.0395 0.055 7  
## 6 I 0.425 0.300 0.095 0.3515 0.1410 0.0775 0.120 8

##1) What is the class of the data abalone.data? (Use class() function)

class(abalone.data)

## [1] "data.frame"

####Add Column Names to Data Frame

colnames(abalone.data)[1] <- "sex"  
colnames(abalone.data)[2] <- "length"  
colnames(abalone.data)[3] <- "diameter"  
colnames(abalone.data)[4] <- "height"  
colnames(abalone.data)[5] <- "whole\_weight"  
colnames(abalone.data)[6] <- "shucked\_weight"  
colnames(abalone.data)[7] <- "viscera\_weight"  
colnames(abalone.data)[8] <- "shell\_weight"  
colnames(abalone.data)[9] <- "rings"  
  
summary(abalone.data)

## sex length diameter height   
## Length:4177 Min. :0.075 Min. :0.0550 Min. :0.0000   
## Class :character 1st Qu.:0.450 1st Qu.:0.3500 1st Qu.:0.1150   
## Mode :character Median :0.545 Median :0.4250 Median :0.1400   
## Mean :0.524 Mean :0.4079 Mean :0.1395   
## 3rd Qu.:0.615 3rd Qu.:0.4800 3rd Qu.:0.1650   
## Max. :0.815 Max. :0.6500 Max. :1.1300   
## whole\_weight shucked\_weight viscera\_weight shell\_weight   
## Min. :0.0020 Min. :0.0010 Min. :0.0005 Min. :0.0015   
## 1st Qu.:0.4415 1st Qu.:0.1860 1st Qu.:0.0935 1st Qu.:0.1300   
## Median :0.7995 Median :0.3360 Median :0.1710 Median :0.2340   
## Mean :0.8287 Mean :0.3594 Mean :0.1806 Mean :0.2388   
## 3rd Qu.:1.1530 3rd Qu.:0.5020 3rd Qu.:0.2530 3rd Qu.:0.3290   
## Max. :2.8255 Max. :1.4880 Max. :0.7600 Max. :1.0050   
## rings   
## Min. : 1.000   
## 1st Qu.: 8.000   
## Median : 9.000   
## Mean : 9.934   
## 3rd Qu.:11.000   
## Max. :29.000

head(abalone.data)

## sex length diameter height whole\_weight shucked\_weight viscera\_weight  
## 1 M 0.455 0.365 0.095 0.5140 0.2245 0.1010  
## 2 M 0.350 0.265 0.090 0.2255 0.0995 0.0485  
## 3 F 0.530 0.420 0.135 0.6770 0.2565 0.1415  
## 4 M 0.440 0.365 0.125 0.5160 0.2155 0.1140  
## 5 I 0.330 0.255 0.080 0.2050 0.0895 0.0395  
## 6 I 0.425 0.300 0.095 0.3515 0.1410 0.0775  
## shell\_weight rings  
## 1 0.150 15  
## 2 0.070 7  
## 3 0.210 9  
## 4 0.155 10  
## 5 0.055 7  
## 6 0.120 8

##2) What is the datatype of variable diameter? (Use typeof() function)

typeof(abalone.data$diameter)

## [1] "double"

##3) Use the function summary() to find basic description of diameter and age (rings) of abalone.

summary(abalone.data$diameter)

## Min. 1st Qu. Median Mean 3rd Qu. Max.   
## 0.0550 0.3500 0.4250 0.4079 0.4800 0.6500

summary(abalone.data$rings)

## Min. 1st Qu. Median Mean 3rd Qu. Max.   
## 1.000 8.000 9.000 9.934 11.000 29.000

##4) Use the function mean() to find the mean of diameter of female abalone.

female.abalone=dplyr::filter(abalone.data,sex=='F')  
summary(female.abalone)

## sex length diameter height   
## Length:1307 Min. :0.2750 Min. :0.1950 Min. :0.015   
## Class :character 1st Qu.:0.5250 1st Qu.:0.4100 1st Qu.:0.140   
## Mode :character Median :0.5900 Median :0.4650 Median :0.160   
## Mean :0.5791 Mean :0.4547 Mean :0.158   
## 3rd Qu.:0.6400 3rd Qu.:0.5050 3rd Qu.:0.175   
## Max. :0.8150 Max. :0.6500 Max. :1.130   
## whole\_weight shucked\_weight viscera\_weight shell\_weight   
## Min. :0.080 Min. :0.0310 Min. :0.0210 Min. :0.0250   
## 1st Qu.:0.730 1st Qu.:0.2950 1st Qu.:0.1590 1st Qu.:0.2132   
## Median :1.038 Median :0.4405 Median :0.2240 Median :0.2950   
## Mean :1.047 Mean :0.4462 Mean :0.2307 Mean :0.3020   
## 3rd Qu.:1.320 3rd Qu.:0.5733 3rd Qu.:0.2973 3rd Qu.:0.3750   
## Max. :2.657 Max. :1.4880 Max. :0.5900 Max. :1.0050   
## rings   
## Min. : 5.00   
## 1st Qu.: 9.00   
## Median :10.00   
## Mean :11.13   
## 3rd Qu.:12.00   
## Max. :29.00

mean(female.abalone$diameter)

## [1] 0.4547322

<https://rstudio-pubs-static.s3.amazonaws.com/408480_f4bdfd9620c84a9598e512f1a59e66f5.html>

##5) Assume Y: diameter and X: rings. What is〖(X^’ X)〗^(-1) X^’ Y ?

X <- list(abalone.data$rings)  
Y <- list(abalone.data$diameter)  
Z <- c(X,Y)  
  
abalone.matrix <- matrix(unlist(Z), ncol=2)  
colnames(abalone.matrix) <- c("Rings", "Diameter")  
abalone.matrix

## Rings Diameter  
## [1,] 15 0.365  
## [2,] 7 0.265  
## [3,] 9 0.420  
## [4,] 10 0.365  
## [5,] 7 0.255  
## [6,] 8 0.300  
## [7,] 20 0.415  
## [8,] 16 0.425  
## [9,] 9 0.370  
## [10,] 19 0.440  
## [11,] 14 0.380  
## [12,] 10 0.350  
## [13,] 11 0.380  
## [14,] 10 0.405  
## [15,] 10 0.355  
## [16,] 12 0.400  
## [17,] 7 0.280  
## [18,] 10 0.340  
## [19,] 7 0.295  
## [20,] 9 0.320  
## [21,] 11 0.280  
## [22,] 10 0.275  
## [23,] 12 0.440  
## [24,] 9 0.415  
## [25,] 10 0.480  
## [26,] 11 0.440  
## [27,] 11 0.450  
## [28,] 12 0.445  
## [29,] 15 0.475  
## [30,] 11 0.425  
## [31,] 10 0.470  
## [32,] 15 0.560  
## [33,] 18 0.525  
## [34,] 19 0.550  
## [35,] 13 0.550  
## [36,] 8 0.355  
## [37,] 16 0.475  
## [38,] 8 0.355  
## [39,] 11 0.445  
## [40,] 9 0.290  
## [41,] 9 0.335  
## [42,] 14 0.425  
## [43,] 5 0.175  
## [44,] 5 0.150  
## [45,] 4 0.150  
## [46,] 7 0.295  
## [47,] 9 0.370  
## [48,] 7 0.375  
## [49,] 6 0.245  
## [50,] 9 0.425  
## [51,] 8 0.410  
## [52,] 7 0.320  
## [53,] 10 0.360  
## [54,] 10 0.360  
## [55,] 7 0.310  
## [56,] 8 0.400  
## [57,] 8 0.350  
## [58,] 8 0.385  
## [59,] 4 0.190  
## [60,] 7 0.400  
## [61,] 7 0.345  
## [62,] 9 0.405  
## [63,] 10 0.410  
## [64,] 7 0.325  
## [65,] 8 0.400  
## [66,] 8 0.355  
## [67,] 12 0.440  
## [68,] 13 0.495  
## [69,] 10 0.390  
## [70,] 6 0.235  
## [71,] 13 0.425  
## [72,] 8 0.320  
## [73,] 20 0.475  
## [74,] 11 0.480  
## [75,] 13 0.450  
## [76,] 15 0.475  
## [77,] 9 0.475  
## [78,] 10 0.470  
## [79,] 11 0.425  
## [80,] 14 0.475  
## [81,] 9 0.445  
## [82,] 12 0.510  
## [83,] 16 0.425  
## [84,] 21 0.475  
## [85,] 14 0.450  
## [86,] 12 0.465  
## [87,] 13 0.465  
## [88,] 10 0.440  
## [89,] 9 0.355  
## [90,] 12 0.450  
## [91,] 15 0.425  
## [92,] 12 0.440  
## [93,] 13 0.465  
## [94,] 10 0.495  
## [95,] 15 0.560  
## [96,] 14 0.535  
## [97,] 9 0.435  
## [98,] 8 0.375  
## [99,] 7 0.370  
## [100,] 10 0.375  
## [101,] 7 0.265  
## [102,] 15 0.435  
## [103,] 15 0.435  
## [104,] 10 0.415  
## [105,] 12 0.470  
## [106,] 12 0.410  
## [107,] 11 0.430  
## [108,] 10 0.400  
## [109,] 9 0.390  
## [110,] 9 0.395  
## [111,] 9 0.395  
## [112,] 9 0.360  
## [113,] 9 0.320  
## [114,] 9 0.350  
## [115,] 11 0.410  
## [116,] 11 0.415  
## [117,] 11 0.375  
## [118,] 10 0.340  
## [119,] 9 0.430  
## [120,] 8 0.305  
## [121,] 9 0.365  
## [122,] 7 0.295  
## [123,] 14 0.425  
## [124,] 6 0.265  
## [125,] 6 0.280  
## [126,] 5 0.195  
## [127,] 6 0.275  
## [128,] 8 0.290  
## [129,] 19 0.535  
## [130,] 18 0.540  
## [131,] 17 0.480  
## [132,] 9 0.350  
## [133,] 7 0.260  
## [134,] 7 0.260  
## [135,] 7 0.200  
## [136,] 8 0.330  
## [137,] 7 0.230  
## [138,] 9 0.255  
## [139,] 9 0.325  
## [140,] 9 0.285  
## [141,] 10 0.445  
## [142,] 10 0.450  
## [143,] 16 0.520  
## [144,] 11 0.455  
## [145,] 10 0.375  
## [146,] 10 0.380  
## [147,] 10 0.350  
## [148,] 9 0.205  
## [149,] 5 0.130  
## [150,] 4 0.130  
## [151,] 15 0.475  
## [152,] 9 0.500  
## [153,] 10 0.515  
## [154,] 10 0.485  
## [155,] 12 0.450  
## [156,] 10 0.405  
## [157,] 13 0.460  
## [158,] 16 0.485  
## [159,] 13 0.455  
## [160,] 13 0.460  
## [161,] 13 0.465  
## [162,] 13 0.485  
## [163,] 12 0.485  
## [164,] 18 0.560  
## [165,] 16 0.545  
## [166,] 14 0.570  
## [167,] 20 0.575  
## [168,] 20 0.570  
## [169,] 14 0.560  
## [170,] 12 0.515  
## [171,] 14 0.550  
## [172,] 7 0.395  
## [173,] 8 0.435  
## [174,] 8 0.405  
## [175,] 5 0.160  
## [176,] 7 0.260  
## [177,] 5 0.210  
## [178,] 8 0.245  
## [179,] 4 0.160  
## [180,] 11 0.475  
## [181,] 14 0.480  
## [182,] 21 0.510  
## [183,] 10 0.450  
## [184,] 10 0.475  
## [185,] 12 0.510  
## [186,] 13 0.490  
## [187,] 12 0.480  
## [188,] 10 0.500  
## [189,] 11 0.480  
## [190,] 9 0.460  
## [191,] 13 0.480  
## [192,] 12 0.485  
## [193,] 14 0.450  
## [194,] 8 0.275  
## [195,] 10 0.400  
## [196,] 12 0.405  
## [197,] 11 0.410  
## [198,] 16 0.500  
## [199,] 15 0.450  
## [200,] 10 0.460  
## [201,] 9 0.345  
## [202,] 13 0.400  
## [203,] 12 0.400  
## [204,] 13 0.435  
## [205,] 8 0.335  
## [206,] 9 0.340  
## [207,] 9 0.300  
## [208,] 8 0.340  
## [209,] 13 0.415  
## [210,] 7 0.280  
## [211,] 10 0.365  
## [212,] 7 0.250  
## [213,] 12 0.325  
## [214,] 9 0.405  
## [215,] 14 0.395  
## [216,] 10 0.405  
## [217,] 8 0.350  
## [218,] 7 0.300  
## [219,] 10 0.360  
## [220,] 8 0.305  
## [221,] 9 0.325  
## [222,] 11 0.350  
## [223,] 9 0.375  
## [224,] 11 0.355  
## [225,] 10 0.380  
## [226,] 9 0.370  
## [227,] 7 0.290  
## [228,] 7 0.270  
## [229,] 11 0.465  
## [230,] 15 0.415  
## [231,] 13 0.445  
## [232,] 14 0.440  
## [233,] 22 0.505  
## [234,] 7 0.215  
## [235,] 12 0.350  
## [236,] 9 0.225  
## [237,] 1 0.055  
## [238,] 3 0.100  
## [239,] 3 0.090  
## [240,] 5 0.120  
## [241,] 17 0.425  
## [242,] 5 0.200  
## [243,] 5 0.175  
## [244,] 8 0.230  
## [245,] 8 0.255  
## [246,] 10 0.260  
## [247,] 13 0.245  
## [248,] 9 0.275  
## [249,] 7 0.245  
## [250,] 7 0.270  
## [251,] 7 0.250  
## [252,] 13 0.470  
## [253,] 12 0.455  
## [254,] 15 0.460  
## [255,] 15 0.495  
## [256,] 15 0.450  
## [257,] 19 0.450  
## [258,] 10 0.460  
## [259,] 15 0.505  
## [260,] 13 0.475  
## [261,] 11 0.475  
## [262,] 12 0.440  
## [263,] 11 0.420  
## [264,] 4 0.195  
## [265,] 6 0.200  
## [266,] 11 0.380  
## [267,] 14 0.450  
## [268,] 8 0.275  
## [269,] 9 0.390  
## [270,] 13 0.360  
## [271,] 22 0.525  
## [272,] 16 0.500  
## [273,] 14 0.485  
## [274,] 15 0.505  
## [275,] 13 0.515  
## [276,] 22 0.540  
## [277,] 12 0.530  
## [278,] 18 0.500  
## [279,] 20 0.525  
## [280,] 11 0.425  
## [281,] 15 0.415  
## [282,] 7 0.285  
## [283,] 9 0.355  
## [284,] 14 0.395  
## [285,] 14 0.380  
## [286,] 10 0.415  
## [287,] 10 0.435  
## [288,] 17 0.400  
## [289,] 9 0.355  
## [290,] 10 0.435  
## [291,] 17 0.435  
## [292,] 12 0.505  
## [293,] 15 0.475  
## [294,] 19 0.455  
## [295,] 26 0.495  
## [296,] 6 0.215  
## [297,] 6 0.205  
## [298,] 4 0.210  
## [299,] 11 0.395  
## [300,] 9 0.280  
## [301,] 9 0.305  
## [302,] 13 0.435  
## [303,] 8 0.280  
## [304,] 6 0.270  
## [305,] 10 0.360  
## [306,] 4 0.145  
## [307,] 3 0.120  
## [308,] 13 0.515  
## [309,] 14 0.410  
## [310,] 10 0.435  
## [311,] 21 0.485  
## [312,] 14 0.440  
## [313,] 19 0.455  
## [314,] 23 0.470  
## [315,] 23 0.485  
## [316,] 8 0.355  
## [317,] 14 0.535  
## [318,] 10 0.350  
## [319,] 18 0.455  
## [320,] 6 0.255  
## [321,] 5 0.210  
## [322,] 4 0.145  
## [323,] 11 0.310  
## [324,] 5 0.205  
## [325,] 7 0.265  
## [326,] 7 0.275  
## [327,] 7 0.255  
## [328,] 12 0.400  
## [329,] 8 0.295  
## [330,] 8 0.280  
## [331,] 12 0.380  
## [332,] 8 0.325  
## [333,] 5 0.220  
## [334,] 5 0.175  
## [335,] 16 0.600  
## [336,] 11 0.465  
## [337,] 14 0.475  
## [338,] 16 0.450  
## [339,] 13 0.475  
## [340,] 15 0.450  
## [341,] 14 0.455  
## [342,] 14 0.510  
## [343,] 12 0.465  
## [344,] 12 0.375  
## [345,] 8 0.425  
## [346,] 13 0.390  
## [347,] 9 0.420  
## [348,] 6 0.260  
## [349,] 8 0.305  
## [350,] 14 0.480  
## [351,] 8 0.495  
## [352,] 22 0.450  
## [353,] 12 0.460  
## [354,] 9 0.455  
## [355,] 16 0.515  
## [356,] 20 0.580  
## [357,] 13 0.525  
## [358,] 18 0.525  
## [359,] 17 0.585  
## [360,] 16 0.545  
## [361,] 18 0.490  
## [362,] 12 0.465  
## [363,] 20 0.525  
## [364,] 16 0.480  
## [365,] 12 0.500  
## [366,] 19 0.515  
## [367,] 11 0.465  
## [368,] 10 0.455  
## [369,] 12 0.490  
## [370,] 17 0.560  
## [371,] 16 0.545  
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## [373,] 19 0.580  
## [374,] 14 0.575  
## [375,] 13 0.520  
## [376,] 20 0.545  
## [377,] 11 0.490  
## [378,] 10 0.450  
## [379,] 15 0.465  
## [380,] 12 0.495  
## [381,] 15 0.470  
## [382,] 10 0.420  
## [383,] 10 0.400  
## [384,] 12 0.375  
## [385,] 10 0.425  
## [386,] 9 0.370  
## [387,] 12 0.420  
## [388,] 10 0.380  
## [389,] 14 0.420  
## [390,] 9 0.375  
## [391,] 10 0.325  
## [392,] 10 0.375  
## [393,] 10 0.375  
## [394,] 9 0.295  
## [395,] 6 0.275  
## [396,] 11 0.310  
## [397,] 10 0.395  
## [398,] 8 0.380  
## [399,] 12 0.440  
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## [401,] 9 0.365  
## [402,] 9 0.455  
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## [404,] 10 0.415  
## [405,] 7 0.345  
## [406,] 12 0.440  
## [407,] 8 0.355  
## [408,] 16 0.485  
## [409,] 11 0.450  
## [410,] 8 0.440  
## [411,] 15 0.500  
## [412,] 14 0.475  
## [413,] 11 0.460  
## [414,] 12 0.440  
## [415,] 14 0.495  
## [416,] 15 0.470  
## [417,] 20 0.500  
## [418,] 20 0.515  
## [419,] 16 0.500  
## [420,] 13 0.410  
## [421,] 14 0.540  
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## [423,] 13 0.390  
## [424,] 8 0.225  
## [425,] 6 0.200  
## [426,] 13 0.450  
## [427,] 18 0.485  
## [428,] 19 0.500  
## [429,] 21 0.455  
## [430,] 18 0.450  
## [431,] 18 0.450  
## [432,] 20 0.470  
## [433,] 18 0.455  
## [434,] 22 0.420  
## [435,] 13 0.345  
## [436,] 11 0.410  
## [437,] 7 0.275  
## [438,] 14 0.305  
## [439,] 9 0.300  
## [440,] 13 0.415  
## [441,] 10 0.275  
## [442,] 8 0.260  
## [443,] 19 0.425  
## [444,] 10 0.295  
## [445,] 10 0.325  
## [446,] 9 0.455  
## [447,] 13 0.435  
## [448,] 16 0.455  
## [449,] 12 0.500  
## [450,] 18 0.455  
## [451,] 16 0.565  
## [452,] 16 0.535  
## [453,] 17 0.555  
## [454,] 11 0.490  
## [455,] 14 0.550  
## [456,] 11 0.470  
## [457,] 15 0.540  
## [458,] 9 0.280  
## [459,] 10 0.310  
## [460,] 11 0.410  
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## [465,] 6 0.195  
## [466,] 5 0.125  
## [467,] 12 0.550  
## [468,] 13 0.530  
## [469,] 17 0.550  
## [470,] 21 0.555  
## [471,] 9 0.440  
## [472,] 10 0.405  
## [473,] 9 0.340  
## [474,] 11 0.405  
## [475,] 10 0.415  
## [476,] 17 0.415  
## [477,] 9 0.350  
## [478,] 17 0.540  
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## [480,] 16 0.545  
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## [482,] 17 0.400  
## [483,] 15 0.465  
## [484,] 19 0.460  
## [485,] 12 0.480  
## [486,] 13 0.465  
## [487,] 11 0.450  
## [488,] 15 0.515  
## [489,] 11 0.420  
## [490,] 14 0.455  
## [491,] 14 0.455  
## [492,] 13 0.460  
## [493,] 11 0.510  
## [494,] 15 0.530  
## [495,] 17 0.500  
## [496,] 15 0.500  
## [497,] 12 0.520  
## [498,] 19 0.485  
## [499,] 11 0.525  
## [500,] 10 0.450  
## [501,] 12 0.440  
## [502,] 23 0.520  
## [503,] 15 0.470  
## [504,] 13 0.505  
## [505,] 17 0.485  
## [506,] 15 0.470  
## [507,] 12 0.460  
## [508,] 15 0.455  
## [509,] 11 0.435  
## [510,] 16 0.445  
## [511,] 10 0.530  
## [512,] 10 0.350  
## [513,] 10 0.380  
## [514,] 6 0.220  
## [515,] 5 0.195  
## [516,] 6 0.195  
## [517,] 9 0.290  
## [518,] 5 0.200  
## [519,] 4 0.230  
## [520,] 6 0.250  
## [521,] 3 0.150  
## [522,] 5 0.270  
## [523,] 9 0.260  
## [524,] 5 0.140  
## [525,] 4 0.160  
## [526,] 4 0.125  
## [527,] 3 0.110  
## [528,] 14 0.445  
## [529,] 12 0.450  
## [530,] 9 0.300  
## [531,] 20 0.420  
## [532,] 13 0.355  
## [533,] 12 0.370  
## [534,] 9 0.335  
## [535,] 10 0.370  
## [536,] 11 0.380  
## [537,] 11 0.405  
## [538,] 7 0.230  
## [539,] 5 0.205  
## [540,] 10 0.290  
## [541,] 15 0.375  
## [542,] 11 0.355  
## [543,] 15 0.325  
## [544,] 8 0.350  
## [545,] 10 0.290  
## [546,] 11 0.245  
## [547,] 8 0.195  
## [548,] 7 0.155  
## [549,] 12 0.450  
## [550,] 11 0.425  
## [551,] 17 0.515  
## [552,] 13 0.490  
## [553,] 12 0.440  
## [554,] 13 0.370  
## [555,] 9 0.390  
## [556,] 10 0.385  
## [557,] 14 0.405  
## [558,] 12 0.500  
## [559,] 13 0.530  
## [560,] 13 0.400  
## [561,] 8 0.340  
## [562,] 13 0.400  
## [563,] 11 0.350  
## [564,] 11 0.415  
## [565,] 14 0.355  
## [566,] 10 0.255  
## [567,] 12 0.355  
## [568,] 12 0.330  
## [569,] 7 0.210  
## [570,] 11 0.320  
## [571,] 16 0.350  
## [572,] 14 0.345  
## [573,] 20 0.455  
## [574,] 17 0.440  
## [575,] 10 0.475  
## [576,] 11 0.475  
## [577,] 10 0.425  
## [578,] 10 0.435  
## [579,] 11 0.445  
## [580,] 17 0.480  
## [581,] 11 0.490  
## [582,] 14 0.425  
## [583,] 19 0.525  
## [584,] 13 0.355  
## [585,] 11 0.305  
## [586,] 11 0.390  
## [587,] 10 0.425  
## [588,] 13 0.410  
## [589,] 14 0.335  
## [590,] 13 0.310  
## [591,] 13 0.400  
## [592,] 9 0.290  
## [593,] 18 0.410  
## [594,] 19 0.520  
## [595,] 12 0.420  
## [596,] 13 0.455  
## [597,] 9 0.430  
## [598,] 13 0.470  
## [599,] 12 0.495  
## [600,] 16 0.445  
## [601,] 17 0.420  
## [602,] 10 0.315  
## [603,] 13 0.300  
## [604,] 11 0.345  
## [605,] 12 0.390  
## [606,] 13 0.345  
## [607,] 9 0.270  
## [608,] 10 0.370  
## [609,] 10 0.285  
## [610,] 12 0.265  
## [611,] 12 0.345  
## [612,] 4 0.145  
## [613,] 9 0.240  
## [614,] 18 0.370  
## [615,] 15 0.350  
## [616,] 13 0.345  
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## [3788,] 12 0.490  
## [3789,] 8 0.475  
## [3790,] 10 0.510  
## [3791,] 10 0.505  
## [3792,] 11 0.495  
## [3793,] 13 0.520  
## [3794,] 14 0.525  
## [3795,] 10 0.520  
## [3796,] 12 0.540  
## [3797,] 11 0.540  
## [3798,] 13 0.580  
## [3799,] 10 0.535  
## [3800,] 11 0.560  
## [3801,] 12 0.580  
## [3802,] 3 0.155  
## [3803,] 6 0.230  
## [3804,] 7 0.230  
## [3805,] 7 0.270  
## [3806,] 9 0.305  
## [3807,] 8 0.310  
## [3808,] 8 0.365  
## [3809,] 10 0.385  
## [3810,] 8 0.375  
## [3811,] 8 0.400  
## [3812,] 9 0.445  
## [3813,] 12 0.490  
## [3814,] 8 0.260  
## [3815,] 6 0.275  
## [3816,] 8 0.340  
## [3817,] 8 0.355  
## [3818,] 8 0.385  
## [3819,] 9 0.445  
## [3820,] 8 0.450  
## [3821,] 10 0.440  
## [3822,] 10 0.460  
## [3823,] 9 0.480  
## [3824,] 9 0.455  
## [3825,] 7 0.460  
## [3826,] 11 0.470  
## [3827,] 10 0.520  
## [3828,] 11 0.540  
## [3829,] 11 0.520  
## [3830,] 12 0.555  
## [3831,] 14 0.385  
## [3832,] 10 0.420  
## [3833,] 14 0.365  
## [3834,] 11 0.410  
## [3835,] 6 0.260  
## [3836,] 7 0.350  
## [3837,] 9 0.325  
## [3838,] 4 0.105  
## [3839,] 8 0.250  
## [3840,] 8 0.425  
## [3841,] 9 0.410  
## [3842,] 11 0.420  
## [3843,] 9 0.475  
## [3844,] 16 0.450  
## [3845,] 14 0.450  
## [3846,] 11 0.350  
## [3847,] 6 0.275  
## [3848,] 9 0.370  
## [3849,] 14 0.535  
## [3850,] 6 0.300  
## [3851,] 7 0.295  
## [3852,] 10 0.440  
## [3853,] 12 0.410  
## [3854,] 9 0.465  
## [3855,] 11 0.400  
## [3856,] 8 0.335  
## [3857,] 9 0.255  
## [3858,] 16 0.515  
## [3859,] 12 0.450  
## [3860,] 9 0.440  
## [3861,] 14 0.465  
## [3862,] 14 0.475  
## [3863,] 10 0.370  
## [3864,] 18 0.500  
## [3865,] 5 0.235  
## [3866,] 19 0.395  
## [3867,] 10 0.430  
## [3868,] 15 0.390  
## [3869,] 8 0.340  
## [3870,] 9 0.385  
## [3871,] 15 0.440  
## [3872,] 12 0.360  
## [3873,] 9 0.400  
## [3874,] 5 0.250  
## [3875,] 12 0.410  
## [3876,] 9 0.225  
## [3877,] 16 0.450  
## [3878,] 15 0.500  
## [3879,] 10 0.355  
## [3880,] 15 0.490  
## [3881,] 7 0.300  
## [3882,] 10 0.455  
## [3883,] 15 0.545  
## [3884,] 10 0.425  
## [3885,] 9 0.225  
## [3886,] 7 0.330  
## [3887,] 7 0.375  
## [3888,] 9 0.440  
## [3889,] 12 0.450  
## [3890,] 12 0.500  
## [3891,] 16 0.400  
## [3892,] 12 0.460  
## [3893,] 13 0.400  
## [3894,] 9 0.355  
## [3895,] 12 0.380  
## [3896,] 13 0.500  
## [3897,] 14 0.575  
## [3898,] 17 0.500  
## [3899,] 10 0.460  
## [3900,] 4 0.105  
## [3901,] 15 0.345  
## [3902,] 12 0.430  
## [3903,] 4 0.120  
## [3904,] 16 0.480  
## [3905,] 16 0.470  
## [3906,] 6 0.270  
## [3907,] 4 0.180  
## [3908,] 13 0.390  
## [3909,] 9 0.365  
## [3910,] 10 0.375  
## [3911,] 13 0.355  
## [3912,] 10 0.270  
## [3913,] 15 0.405  
## [3914,] 11 0.400  
## [3915,] 19 0.390  
## [3916,] 11 0.445  
## [3917,] 10 0.410  
## [3918,] 13 0.460  
## [3919,] 18 0.490  
## [3920,] 11 0.430  
## [3921,] 8 0.230  
## [3922,] 10 0.280  
## [3923,] 10 0.400  
## [3924,] 12 0.280  
## [3925,] 20 0.400  
## [3926,] 8 0.350  
## [3927,] 14 0.420  
## [3928,] 12 0.380  
## [3929,] 10 0.550  
## [3930,] 16 0.515  
## [3931,] 21 0.535  
## [3932,] 17 0.440  
## [3933,] 11 0.370  
## [3934,] 6 0.180  
## [3935,] 5 0.175  
## [3936,] 11 0.410  
## [3937,] 13 0.400  
## [3938,] 13 0.425  
## [3939,] 10 0.275  
## [3940,] 14 0.420  
## [3941,] 11 0.390  
## [3942,] 15 0.440  
## [3943,] 11 0.400  
## [3944,] 14 0.450  
## [3945,] 20 0.440  
## [3946,] 6 0.175  
## [3947,] 13 0.410  
## [3948,] 16 0.365  
## [3949,] 12 0.400  
## [3950,] 13 0.415  
## [3951,] 13 0.425  
## [3952,] 13 0.390  
## [3953,] 5 0.235  
## [3954,] 8 0.355  
## [3955,] 7 0.385  
## [3956,] 9 0.385  
## [3957,] 12 0.395  
## [3958,] 10 0.440  
## [3959,] 9 0.500  
## [3960,] 11 0.550  
## [3961,] 11 0.550  
## [3962,] 10 0.550  
## [3963,] 10 0.575  
## [3964,] 4 0.205  
## [3965,] 5 0.190  
## [3966,] 6 0.220  
## [3967,] 6 0.220  
## [3968,] 6 0.230  
## [3969,] 6 0.290  
## [3970,] 6 0.300  
## [3971,] 6 0.285  
## [3972,] 6 0.295  
## [3973,] 8 0.315  
## [3974,] 7 0.330  
## [3975,] 8 0.320  
## [3976,] 6 0.330  
## [3977,] 7 0.350  
## [3978,] 7 0.350  
## [3979,] 8 0.390  
## [3980,] 6 0.375  
## [3981,] 7 0.410  
## [3982,] 8 0.455  
## [3983,] 6 0.435  
## [3984,] 6 0.450  
## [3985,] 10 0.465  
## [3986,] 11 0.480  
## [3987,] 10 0.525  
## [3988,] 11 0.545  
## [3989,] 8 0.515  
## [3990,] 11 0.520  
## [3991,] 10 0.510  
## [3992,] 9 0.510  
## [3993,] 10 0.600  
## [3994,] 12 0.600  
## [3995,] 4 0.135  
## [3996,] 5 0.175  
## [3997,] 6 0.230  
## [3998,] 6 0.270  
## [3999,] 6 0.280  
## [4000,] 6 0.310  
## [4001,] 7 0.350  
## [4002,] 6 0.350  
## [4003,] 8 0.375  
## [4004,] 8 0.390  
## [4005,] 10 0.395  
## [4006,] 9 0.430  
## [4007,] 9 0.465  
## [4008,] 11 0.460  
## [4009,] 12 0.455  
## [4010,] 8 0.490  
## [4011,] 9 0.475  
## [4012,] 9 0.530  
## [4013,] 8 0.465  
## [4014,] 8 0.505  
## [4015,] 10 0.480  
## [4016,] 10 0.480  
## [4017,] 9 0.525  
## [4018,] 11 0.505  
## [4019,] 8 0.485  
## [4020,] 10 0.515  
## [4021,] 11 0.550  
## [4022,] 10 0.580  
## [4023,] 11 0.545  
## [4024,] 6 0.200  
## [4025,] 6 0.245  
## [4026,] 7 0.260  
## [4027,] 7 0.280  
## [4028,] 6 0.270  
## [4029,] 8 0.310  
## [4030,] 7 0.335  
## [4031,] 7 0.325  
## [4032,] 8 0.325  
## [4033,] 8 0.365  
## [4034,] 10 0.385  
## [4035,] 7 0.405  
## [4036,] 11 0.410  
## [4037,] 8 0.420  
## [4038,] 10 0.415  
## [4039,] 11 0.445  
## [4040,] 11 0.440  
## [4041,] 12 0.450  
## [4042,] 10 0.450  
## [4043,] 10 0.460  
## [4044,] 8 0.460  
## [4045,] 10 0.425  
## [4046,] 9 0.450  
## [4047,] 11 0.460  
## [4048,] 11 0.485  
## [4049,] 13 0.495  
## [4050,] 9 0.495  
## [4051,] 9 0.495  
## [4052,] 10 0.500  
## [4053,] 13 0.470  
## [4054,] 10 0.485  
## [4055,] 10 0.500  
## [4056,] 9 0.500  
## [4057,] 11 0.510  
## [4058,] 11 0.535  
## [4059,] 10 0.560  
## [4060,] 8 0.390  
## [4061,] 8 0.405  
## [4062,] 10 0.465  
## [4063,] 9 0.490  
## [4064,] 11 0.515  
## [4065,] 9 0.490  
## [4066,] 6 0.275  
## [4067,] 7 0.310  
## [4068,] 6 0.300  
## [4069,] 7 0.305  
## [4070,] 8 0.335  
## [4071,] 7 0.335  
## [4072,] 8 0.375  
## [4073,] 8 0.360  
## [4074,] 9 0.395  
## [4075,] 8 0.400  
## [4076,] 8 0.450  
## [4077,] 8 0.430  
## [4078,] 9 0.435  
## [4079,] 10 0.430  
## [4080,] 8 0.385  
## [4081,] 8 0.430  
## [4082,] 11 0.450  
## [4083,] 9 0.465  
## [4084,] 10 0.445  
## [4085,] 10 0.480  
## [4086,] 11 0.510  
## [4087,] 8 0.450  
## [4088,] 10 0.475  
## [4089,] 9 0.470  
## [4090,] 9 0.365  
## [4091,] 11 0.475  
## [4092,] 12 0.500  
## [4093,] 11 0.490  
## [4094,] 11 0.485  
## [4095,] 13 0.530  
## [4096,] 11 0.485  
## [4097,] 12 0.500  
## [4098,] 9 0.500  
## [4099,] 9 0.495  
## [4100,] 9 0.525  
## [4101,] 9 0.520  
## [4102,] 11 0.510  
## [4103,] 11 0.545  
## [4104,] 10 0.545  
## [4105,] 11 0.545  
## [4106,] 9 0.565  
## [4107,] 11 0.590  
## [4108,] 7 0.305  
## [4109,] 7 0.350  
## [4110,] 8 0.365  
## [4111,] 9 0.410  
## [4112,] 8 0.400  
## [4113,] 9 0.420  
## [4114,] 8 0.420  
## [4115,] 9 0.450  
## [4116,] 10 0.465  
## [4117,] 9 0.480  
## [4118,] 9 0.505  
## [4119,] 9 0.525  
## [4120,] 4 0.215  
## [4121,] 7 0.265  
## [4122,] 9 0.350  
## [4123,] 8 0.365  
## [4124,] 8 0.375  
## [4125,] 8 0.385  
## [4126,] 9 0.415  
## [4127,] 11 0.420  
## [4128,] 10 0.445  
## [4129,] 8 0.435  
## [4130,] 10 0.425  
## [4131,] 10 0.450  
## [4132,] 11 0.425  
## [4133,] 10 0.470  
## [4134,] 11 0.450  
## [4135,] 9 0.455  
## [4136,] 11 0.500  
## [4137,] 9 0.495  
## [4138,] 11 0.505  
## [4139,] 11 0.490  
## [4140,] 10 0.495  
## [4141,] 10 0.535  
## [4142,] 11 0.505  
## [4143,] 13 0.525  
## [4144,] 13 0.500  
## [4145,] 11 0.535  
## [4146,] 11 0.525  
## [4147,] 10 0.530  
## [4148,] 11 0.550  
## [4149,] 11 0.605  
## [4150,] 6 0.215  
## [4151,] 7 0.230  
## [4152,] 6 0.250  
## [4153,] 7 0.280  
## [4154,] 8 0.315  
## [4155,] 6 0.330  
## [4156,] 6 0.350  
## [4157,] 8 0.370  
## [4158,] 8 0.360  
## [4159,] 8 0.355  
## [4160,] 9 0.440  
## [4161,] 11 0.475  
## [4162,] 11 0.455  
## [4163,] 8 0.255  
## [4164,] 7 0.310  
## [4165,] 7 0.290  
## [4166,] 7 0.300  
## [4167,] 10 0.365  
## [4168,] 9 0.380  
## [4169,] 8 0.400  
## [4170,] 10 0.385  
## [4171,] 10 0.430  
## [4172,] 8 0.430  
## [4173,] 11 0.450  
## [4174,] 10 0.440  
## [4175,] 9 0.475  
## [4176,] 10 0.485  
## [4177,] 12 0.555

head(abalone.matrix, 2)

## Rings Diameter  
## [1,] 15 0.365  
## [2,] 7 0.265

t(abalone.matrix) #transposed

## [,1] [,2] [,3] [,4] [,5] [,6] [,7] [,8] [,9] [,10] [,11]  
## Rings 15.000 7.000 9.00 10.000 7.000 8.0 20.000 16.000 9.00 19.00 14.00  
## Diameter 0.365 0.265 0.42 0.365 0.255 0.3 0.415 0.425 0.37 0.44 0.38  
## [,12] [,13] [,14] [,15] [,16] [,17] [,18] [,19] [,20] [,21] [,22]  
## Rings 10.00 11.00 10.000 10.000 12.0 7.00 10.00 7.000 9.00 11.00 10.000  
## Diameter 0.35 0.38 0.405 0.355 0.4 0.28 0.34 0.295 0.32 0.28 0.275  
## [,23] [,24] [,25] [,26] [,27] [,28] [,29] [,30] [,31] [,32] [,33]  
## Rings 12.00 9.000 10.00 11.00 11.00 12.000 15.000 11.000 10.00 15.00 18.000  
## Diameter 0.44 0.415 0.48 0.44 0.45 0.445 0.475 0.425 0.47 0.56 0.525  
## [,34] [,35] [,36] [,37] [,38] [,39] [,40] [,41] [,42] [,43] [,44]  
## Rings 19.00 13.00 8.000 16.000 8.000 11.000 9.00 9.000 14.000 5.000 5.00  
## Diameter 0.55 0.55 0.355 0.475 0.355 0.445 0.29 0.335 0.425 0.175 0.15  
## [,45] [,46] [,47] [,48] [,49] [,50] [,51] [,52] [,53] [,54] [,55]  
## Rings 4.00 7.000 9.00 7.000 6.000 9.000 8.00 7.00 10.00 10.00 7.00  
## Diameter 0.15 0.295 0.37 0.375 0.245 0.425 0.41 0.32 0.36 0.36 0.31  
## [,56] [,57] [,58] [,59] [,60] [,61] [,62] [,63] [,64] [,65] [,66]  
## Rings 8.0 8.00 8.000 4.00 7.0 7.000 9.000 10.00 7.000 8.0 8.000  
## Diameter 0.4 0.35 0.385 0.19 0.4 0.345 0.405 0.41 0.325 0.4 0.355  
## [,67] [,68] [,69] [,70] [,71] [,72] [,73] [,74] [,75] [,76] [,77]  
## Rings 12.00 13.000 10.00 6.000 13.000 8.00 20.000 11.00 13.00 15.000 9.000  
## Diameter 0.44 0.495 0.39 0.235 0.425 0.32 0.475 0.48 0.45 0.475 0.475  
## [,78] [,79] [,80] [,81] [,82] [,83] [,84] [,85] [,86] [,87]  
## Rings 10.00 11.000 14.000 9.000 12.00 16.000 21.000 14.00 12.000 13.000  
## Diameter 0.47 0.425 0.475 0.445 0.51 0.425 0.475 0.45 0.465 0.465  
## [,88] [,89] [,90] [,91] [,92] [,93] [,94] [,95] [,96] [,97] [,98]  
## Rings 10.00 9.000 12.00 15.000 12.00 13.000 10.000 15.00 14.000 9.000 8.000  
## Diameter 0.44 0.355 0.45 0.425 0.44 0.465 0.495 0.56 0.535 0.435 0.375  
## [,99] [,100] [,101] [,102] [,103] [,104] [,105] [,106] [,107] [,108]  
## Rings 7.00 10.000 7.000 15.000 15.000 10.000 12.00 12.00 11.00 10.0  
## Diameter 0.37 0.375 0.265 0.435 0.435 0.415 0.47 0.41 0.43 0.4  
## [,109] [,110] [,111] [,112] [,113] [,114] [,115] [,116] [,117] [,118]  
## Rings 9.00 9.000 9.000 9.00 9.00 9.00 11.00 11.000 11.000 10.00  
## Diameter 0.39 0.395 0.395 0.36 0.32 0.35 0.41 0.415 0.375 0.34  
## [,119] [,120] [,121] [,122] [,123] [,124] [,125] [,126] [,127] [,128]  
## Rings 9.00 8.000 9.000 7.000 14.000 6.000 6.00 5.000 6.000 8.00  
## Diameter 0.43 0.305 0.365 0.295 0.425 0.265 0.28 0.195 0.275 0.29  
## [,129] [,130] [,131] [,132] [,133] [,134] [,135] [,136] [,137] [,138]  
## Rings 19.000 18.00 17.00 9.00 7.00 7.00 7.0 8.00 7.00 9.000  
## Diameter 0.535 0.54 0.48 0.35 0.26 0.26 0.2 0.33 0.23 0.255  
## [,139] [,140] [,141] [,142] [,143] [,144] [,145] [,146] [,147] [,148]  
## Rings 9.000 9.000 10.000 10.00 16.00 11.000 10.000 10.00 10.00 9.000  
## Diameter 0.325 0.285 0.445 0.45 0.52 0.455 0.375 0.38 0.35 0.205  
## [,149] [,150] [,151] [,152] [,153] [,154] [,155] [,156] [,157] [,158]  
## Rings 5.00 4.00 15.000 9.0 10.000 10.000 12.00 10.000 13.00 16.000  
## Diameter 0.13 0.13 0.475 0.5 0.515 0.485 0.45 0.405 0.46 0.485  
## [,159] [,160] [,161] [,162] [,163] [,164] [,165] [,166] [,167] [,168]  
## Rings 13.000 13.00 13.000 13.000 12.000 18.00 16.000 14.00 20.000 20.00  
## Diameter 0.455 0.46 0.465 0.485 0.485 0.56 0.545 0.57 0.575 0.57  
## [,169] [,170] [,171] [,172] [,173] [,174] [,175] [,176] [,177] [,178]  
## Rings 14.00 12.000 14.00 7.000 8.000 8.000 5.00 7.00 5.00 8.000  
## Diameter 0.56 0.515 0.55 0.395 0.435 0.405 0.16 0.26 0.21 0.245  
## [,179] [,180] [,181] [,182] [,183] [,184] [,185] [,186] [,187] [,188]  
## Rings 4.00 11.000 14.00 21.00 10.00 10.000 12.00 13.00 12.00 10.0  
## Diameter 0.16 0.475 0.48 0.51 0.45 0.475 0.51 0.49 0.48 0.5  
## [,189] [,190] [,191] [,192] [,193] [,194] [,195] [,196] [,197] [,198]  
## Rings 11.00 9.00 13.00 12.000 14.00 8.000 10.0 12.000 11.00 16.0  
## Diameter 0.48 0.46 0.48 0.485 0.45 0.275 0.4 0.405 0.41 0.5  
## [,199] [,200] [,201] [,202] [,203] [,204] [,205] [,206] [,207] [,208]  
## Rings 15.00 10.00 9.000 13.0 12.0 13.000 8.000 9.00 9.0 8.00  
## Diameter 0.45 0.46 0.345 0.4 0.4 0.435 0.335 0.34 0.3 0.34  
## [,209] [,210] [,211] [,212] [,213] [,214] [,215] [,216] [,217] [,218]  
## Rings 13.000 7.00 10.000 7.00 12.000 9.000 14.000 10.000 8.00 7.0  
## Diameter 0.415 0.28 0.365 0.25 0.325 0.405 0.395 0.405 0.35 0.3  
## [,219] [,220] [,221] [,222] [,223] [,224] [,225] [,226] [,227] [,228]  
## Rings 10.00 8.000 9.000 11.00 9.000 11.000 10.00 9.00 7.00 7.00  
## Diameter 0.36 0.305 0.325 0.35 0.375 0.355 0.38 0.37 0.29 0.27  
## [,229] [,230] [,231] [,232] [,233] [,234] [,235] [,236] [,237] [,238]  
## Rings 11.000 15.000 13.000 14.00 22.000 7.000 12.00 9.000 1.000 3.0  
## Diameter 0.465 0.415 0.445 0.44 0.505 0.215 0.35 0.225 0.055 0.1  
## [,239] [,240] [,241] [,242] [,243] [,244] [,245] [,246] [,247] [,248]  
## Rings 3.00 5.00 17.000 5.0 5.000 8.00 8.000 10.00 13.000 9.000  
## Diameter 0.09 0.12 0.425 0.2 0.175 0.23 0.255 0.26 0.245 0.275  
## [,249] [,250] [,251] [,252] [,253] [,254] [,255] [,256] [,257] [,258]  
## Rings 7.000 7.00 7.00 13.00 12.000 15.00 15.000 15.00 19.00 10.00  
## Diameter 0.245 0.27 0.25 0.47 0.455 0.46 0.495 0.45 0.45 0.46  
## [,259] [,260] [,261] [,262] [,263] [,264] [,265] [,266] [,267] [,268]  
## Rings 15.000 13.000 11.000 12.00 11.00 4.000 6.0 11.00 14.00 8.000  
## Diameter 0.505 0.475 0.475 0.44 0.42 0.195 0.2 0.38 0.45 0.275  
## [,269] [,270] [,271] [,272] [,273] [,274] [,275] [,276] [,277] [,278]  
## Rings 9.00 13.00 22.000 16.0 14.000 15.000 13.000 22.00 12.00 18.0  
## Diameter 0.39 0.36 0.525 0.5 0.485 0.505 0.515 0.54 0.53 0.5  
## [,279] [,280] [,281] [,282] [,283] [,284] [,285] [,286] [,287] [,288]  
## Rings 20.000 11.000 15.000 7.000 9.000 14.000 14.00 10.000 10.000 17.0  
## Diameter 0.525 0.425 0.415 0.285 0.355 0.395 0.38 0.415 0.435 0.4  
## [,289] [,290] [,291] [,292] [,293] [,294] [,295] [,296] [,297] [,298]  
## Rings 9.000 10.000 17.000 12.000 15.000 19.000 26.000 6.000 6.000 4.00  
## Diameter 0.355 0.435 0.435 0.505 0.475 0.455 0.495 0.215 0.205 0.21  
## [,299] [,300] [,301] [,302] [,303] [,304] [,305] [,306] [,307] [,308]  
## Rings 11.000 9.00 9.000 13.000 8.00 6.00 10.00 4.000 3.00 13.000  
## Diameter 0.395 0.28 0.305 0.435 0.28 0.27 0.36 0.145 0.12 0.515  
## [,309] [,310] [,311] [,312] [,313] [,314] [,315] [,316] [,317] [,318]  
## Rings 14.00 10.000 21.000 14.00 19.000 23.00 23.000 8.000 14.000 10.00  
## Diameter 0.41 0.435 0.485 0.44 0.455 0.47 0.485 0.355 0.535 0.35  
## [,319] [,320] [,321] [,322] [,323] [,324] [,325] [,326] [,327] [,328]  
## Rings 18.000 6.000 5.00 4.000 11.00 5.000 7.000 7.000 7.000 12.0  
## Diameter 0.455 0.255 0.21 0.145 0.31 0.205 0.265 0.275 0.255 0.4  
## [,329] [,330] [,331] [,332] [,333] [,334] [,335] [,336] [,337] [,338]  
## Rings 8.000 8.00 12.00 8.000 5.00 5.000 16.0 11.000 14.000 16.00  
## Diameter 0.295 0.28 0.38 0.325 0.22 0.175 0.6 0.465 0.475 0.45  
## [,339] [,340] [,341] [,342] [,343] [,344] [,345] [,346] [,347] [,348]  
## Rings 13.000 15.00 14.000 14.00 12.000 12.000 8.000 13.00 9.00 6.00  
## Diameter 0.475 0.45 0.455 0.51 0.465 0.375 0.425 0.39 0.42 0.26  
## [,349] [,350] [,351] [,352] [,353] [,354] [,355] [,356] [,357] [,358]  
## Rings 8.000 14.00 8.000 22.00 12.00 9.000 16.000 20.00 13.000 18.000  
## Diameter 0.305 0.48 0.495 0.45 0.46 0.455 0.515 0.58 0.525 0.525  
## [,359] [,360] [,361] [,362] [,363] [,364] [,365] [,366] [,367] [,368]  
## Rings 17.000 16.000 18.00 12.000 20.000 16.00 12.0 19.000 11.000 10.000  
## Diameter 0.585 0.545 0.49 0.465 0.525 0.48 0.5 0.515 0.465 0.455  
## [,369] [,370] [,371] [,372] [,373] [,374] [,375] [,376] [,377] [,378]  
## Rings 12.00 17.00 16.000 16.000 19.00 14.000 13.00 20.000 11.00 10.00  
## Diameter 0.49 0.56 0.545 0.565 0.58 0.575 0.52 0.545 0.49 0.45  
## [,379] [,380] [,381] [,382] [,383] [,384] [,385] [,386] [,387] [,388]  
## Rings 15.000 12.000 15.00 10.00 10.0 12.000 10.000 9.00 12.00 10.00  
## Diameter 0.465 0.495 0.47 0.42 0.4 0.375 0.425 0.37 0.42 0.38  
## [,389] [,390] [,391] [,392] [,393] [,394] [,395] [,396] [,397] [,398]  
## Rings 14.00 9.000 10.000 10.000 10.000 9.000 6.000 11.00 10.000 8.00  
## Diameter 0.42 0.375 0.325 0.375 0.375 0.295 0.275 0.31 0.395 0.38  
## [,399] [,400] [,401] [,402] [,403] [,404] [,405] [,406] [,407] [,408]  
## Rings 12.00 11.000 9.000 9.000 7.000 10.000 7.000 12.00 8.000 16.000  
## Diameter 0.44 0.455 0.365 0.455 0.325 0.415 0.345 0.44 0.355 0.485  
## [,409] [,410] [,411] [,412] [,413] [,414] [,415] [,416] [,417] [,418]  
## Rings 11.00 8.00 15.0 14.000 11.00 12.00 14.000 15.00 20.0 20.000  
## Diameter 0.45 0.44 0.5 0.475 0.46 0.44 0.495 0.47 0.5 0.515  
## [,419] [,420] [,421] [,422] [,423] [,424] [,425] [,426] [,427] [,428]  
## Rings 16.0 13.00 14.00 11.00 13.00 8.000 6.0 13.00 18.000 19.0  
## Diameter 0.5 0.41 0.54 0.38 0.39 0.225 0.2 0.45 0.485 0.5  
## [,429] [,430] [,431] [,432] [,433] [,434] [,435] [,436] [,437] [,438]  
## Rings 21.000 18.00 18.00 20.00 18.000 22.00 13.000 11.00 7.000 14.000  
## Diameter 0.455 0.45 0.45 0.47 0.455 0.42 0.345 0.41 0.275 0.305  
## [,439] [,440] [,441] [,442] [,443] [,444] [,445] [,446] [,447] [,448]  
## Rings 9.0 13.000 10.000 8.00 19.000 10.000 10.000 9.000 13.000 16.000  
## Diameter 0.3 0.415 0.275 0.26 0.425 0.295 0.325 0.455 0.435 0.455  
## [,449] [,450] [,451] [,452] [,453] [,454] [,455] [,456] [,457] [,458]  
## Rings 12.0 18.000 16.000 16.000 17.000 11.00 14.00 11.00 15.00 9.00  
## Diameter 0.5 0.455 0.565 0.535 0.555 0.49 0.55 0.47 0.54 0.28  
## [,459] [,460] [,461] [,462] [,463] [,464] [,465] [,466] [,467] [,468]  
## Rings 10.00 11.00 11.000 12.000 6.000 5.000 6.000 5.000 12.00 13.00  
## Diameter 0.31 0.41 0.285 0.465 0.185 0.165 0.195 0.125 0.55 0.53  
## [,469] [,470] [,471] [,472] [,473] [,474] [,475] [,476] [,477] [,478]  
## Rings 17.00 21.000 9.00 10.000 9.00 11.000 10.000 17.000 9.00 17.00  
## Diameter 0.55 0.555 0.44 0.405 0.34 0.405 0.415 0.415 0.35 0.54  
## [,479] [,480] [,481] [,482] [,483] [,484] [,485] [,486] [,487] [,488]  
## Rings 21.00 16.000 29.000 17.0 15.000 19.00 12.00 13.000 11.00 15.000  
## Diameter 0.59 0.545 0.585 0.4 0.465 0.46 0.48 0.465 0.45 0.515  
## [,489] [,490] [,491] [,492] [,493] [,494] [,495] [,496] [,497] [,498]  
## Rings 11.00 14.000 14.000 13.00 11.00 15.00 17.0 15.0 12.00 19.000  
## Diameter 0.42 0.455 0.455 0.46 0.51 0.53 0.5 0.5 0.52 0.485  
## [,499] [,500] [,501] [,502] [,503] [,504] [,505] [,506] [,507] [,508]  
## Rings 11.000 10.00 12.00 23.00 15.00 13.000 17.000 15.00 12.00 15.000  
## Diameter 0.525 0.45 0.44 0.52 0.47 0.505 0.485 0.47 0.46 0.455  
## [,509] [,510] [,511] [,512] [,513] [,514] [,515] [,516] [,517] [,518]  
## Rings 11.000 16.000 10.00 10.00 10.00 6.00 5.000 6.000 9.00 5.0  
## Diameter 0.435 0.445 0.53 0.35 0.38 0.22 0.195 0.195 0.29 0.2  
## [,519] [,520] [,521] [,522] [,523] [,524] [,525] [,526] [,527] [,528]  
## Rings 4.00 6.00 3.00 5.00 9.00 5.00 4.00 4.000 3.00 14.000  
## Diameter 0.23 0.25 0.15 0.27 0.26 0.14 0.16 0.125 0.11 0.445  
## [,529] [,530] [,531] [,532] [,533] [,534] [,535] [,536] [,537] [,538]  
## Rings 12.00 9.0 20.00 13.000 12.00 9.000 10.00 11.00 11.000 7.00  
## Diameter 0.45 0.3 0.42 0.355 0.37 0.335 0.37 0.38 0.405 0.23  
## [,539] [,540] [,541] [,542] [,543] [,544] [,545] [,546] [,547] [,548]  
## Rings 5.000 10.00 15.000 11.000 15.000 8.00 10.00 11.000 8.000 7.000  
## Diameter 0.205 0.29 0.375 0.355 0.325 0.35 0.29 0.245 0.195 0.155  
## [,549] [,550] [,551] [,552] [,553] [,554] [,555] [,556] [,557] [,558]  
## Rings 12.00 11.000 17.000 13.00 12.00 13.00 9.00 10.000 14.000 12.0  
## Diameter 0.45 0.425 0.515 0.49 0.44 0.37 0.39 0.385 0.405 0.5  
## [,559] [,560] [,561] [,562] [,563] [,564] [,565] [,566] [,567] [,568]  
## Rings 13.00 13.0 8.00 13.0 11.00 11.000 14.000 10.000 12.000 12.00  
## Diameter 0.53 0.4 0.34 0.4 0.35 0.415 0.355 0.255 0.355 0.33  
## [,569] [,570] [,571] [,572] [,573] [,574] [,575] [,576] [,577] [,578]  
## Rings 7.00 11.00 16.00 14.000 20.000 17.00 10.000 11.000 10.000 10.000  
## Diameter 0.21 0.32 0.35 0.345 0.455 0.44 0.475 0.475 0.425 0.435  
## [,579] [,580] [,581] [,582] [,583] [,584] [,585] [,586] [,587] [,588]  
## Rings 11.000 17.00 11.00 14.000 19.000 13.000 11.000 11.00 10.000 13.00  
## Diameter 0.445 0.48 0.49 0.425 0.525 0.355 0.305 0.39 0.425 0.41  
## [,589] [,590] [,591] [,592] [,593] [,594] [,595] [,596] [,597] [,598]  
## Rings 14.000 13.00 13.0 9.00 18.00 19.00 12.00 13.000 9.00 13.00  
## Diameter 0.335 0.31 0.4 0.29 0.41 0.52 0.42 0.455 0.43 0.47  
## [,599] [,600] [,601] [,602] [,603] [,604] [,605] [,606] [,607] [,608]  
## Rings 12.000 16.000 17.00 10.000 13.0 11.000 12.00 13.000 9.00 10.00  
## Diameter 0.495 0.445 0.42 0.315 0.3 0.345 0.39 0.345 0.27 0.37  
## [,609] [,610] [,611] [,612] [,613] [,614] [,615] [,616] [,617] [,618]  
## Rings 10.000 12.000 12.000 4.000 9.00 18.00 15.00 13.000 12.000 7.00  
## Diameter 0.285 0.265 0.345 0.145 0.24 0.37 0.35 0.345 0.355 0.24  
## [,619] [,620] [,621] [,622] [,623] [,624] [,625] [,626] [,627] [,628]  
## Rings 9.000 7.00 10.000 18.00 12.000 17.000 15.00 12.000 10.000 8.000  
## Diameter 0.225 0.17 0.255 0.38 0.385 0.385 0.36 0.405 0.335 0.305  
## [,629] [,630] [,631] [,632] [,633] [,634] [,635] [,636] [,637] [,638]  
## Rings 21.000 10.000 9.000 7.00 10.000 9.00 9.000 8.000 7.000 6.00  
## Diameter 0.415 0.265 0.365 0.34 0.365 0.36 0.295 0.265 0.235 0.26  
## [,639] [,640] [,641] [,642] [,643] [,644] [,645] [,646] [,647] [,648]  
## Rings 14.000 13.0 7.00 13.000 19.00 7.000 9.00 11.00 6.000 9.000  
## Diameter 0.345 0.4 0.24 0.485 0.45 0.255 0.34 0.33 0.215 0.375  
## [,649] [,650] [,651] [,652] [,653] [,654] [,655] [,656] [,657] [,658]  
## Rings 11.00 9.00 5.00 6.000 11.00 7.000 10.00 7.000 17.000 16.000  
## Diameter 0.35 0.36 0.18 0.245 0.35 0.225 0.28 0.215 0.435 0.515  
## [,659] [,660] [,661] [,662] [,663] [,664] [,665] [,666] [,667] [,668]  
## Rings 18.00 11.000 18.000 11.00 10.00 12.000 19.000 10.000 11.00 15.00  
## Diameter 0.49 0.475 0.525 0.45 0.34 0.305 0.355 0.295 0.35 0.38  
## [,669] [,670] [,671] [,672] [,673] [,674] [,675] [,676] [,677] [,678]  
## Rings 13.000 13.00 14.000 17.00 19.00 21.00 23.000 22.000 12.000 11.000  
## Diameter 0.425 0.35 0.385 0.38 0.41 0.39 0.385 0.395 0.415 0.375  
## [,679] [,680] [,681] [,682] [,683] [,684] [,685] [,686] [,687] [,688]  
## Rings 23.00 8.000 7.000 10.00 7.000 16.000 10.0 15.00 13.0 16.000  
## Diameter 0.38 0.275 0.275 0.37 0.325 0.405 0.4 0.44 0.4 0.405  
## [,689] [,690] [,691] [,692] [,693] [,694] [,695] [,696] [,697] [,698]  
## Rings 11.0 11.00 10.000 5.00 11.000 9.00 4.00 7.00 4.000 5.000  
## Diameter 0.4 0.44 0.375 0.19 0.325 0.29 0.11 0.23 0.105 0.205  
## [,699] [,700] [,701] [,702] [,703] [,704] [,705] [,706] [,707] [,708]  
## Rings 13.000 16.000 12.000 14.000 9.00 12.000 9.0 10.000 11.00 10.00  
## Diameter 0.335 0.315 0.285 0.385 0.33 0.295 0.3 0.325 0.25 0.26  
## [,709] [,710] [,711] [,712] [,713] [,714] [,715] [,716] [,717] [,718]  
## Rings 10.000 7.000 7.00 11.0 7.000 8.000 9.000 7.0 8.000 6.00  
## Diameter 0.295 0.225 0.25 0.3 0.205 0.265 0.255 0.2 0.205 0.19  
## [,719] [,720] [,721] [,722] [,723] [,724] [,725] [,726] [,727] [,728]  
## Rings 4.000 2.0 3.00 13.000 15.00 15.00 11.00 17.00 10.000 12.000  
## Diameter 0.125 0.1 0.11 0.455 0.44 0.41 0.36 0.36 0.305 0.375  
## [,729] [,730] [,731] [,732] [,733] [,734] [,735] [,736] [,737] [,738]  
## Rings 13.0 15.0 11.0 13.00 15.0 13.00 18.000 10.00 12.000 12.000  
## Diameter 0.4 0.4 0.4 0.42 0.4 0.38 0.425 0.39 0.385 0.405  
## [,739] [,740] [,741] [,742] [,743] [,744] [,745] [,746] [,747] [,748]  
## Rings 14.00 10.000 14.00 8.000 14.00 17.000 20.000 17.00 17.00 9.000  
## Diameter 0.41 0.345 0.44 0.265 0.42 0.405 0.415 0.42 0.52 0.385  
## [,749] [,750] [,751] [,752] [,753] [,754] [,755] [,756] [,757] [,758]  
## Rings 14.00 15.000 13.00 10.000 13.00 13.000 20.000 13.000 20.000 15.000  
## Diameter 0.42 0.515 0.39 0.355 0.46 0.455 0.515 0.505 0.525 0.495  
## [,759] [,760] [,761] [,762] [,763] [,764] [,765] [,766] [,767] [,768]  
## Rings 13.00 15.00 15.000 16.00 17.00 14.00 14.00 11.00 13.000 9.00  
## Diameter 0.44 0.43 0.405 0.44 0.44 0.51 0.47 0.45 0.445 0.27  
## [,769] [,770] [,771] [,772] [,773] [,774] [,775] [,776] [,777] [,778]  
## Rings 11.00 17.000 11.000 8.000 8.000 9.00 10.00 11.00 15.000 13.00  
## Diameter 0.43 0.425 0.455 0.375 0.275 0.34 0.38 0.41 0.385 0.38  
## [,779] [,780] [,781] [,782] [,783] [,784] [,785] [,786] [,787] [,788]  
## Rings 15.00 15.00 13.00 12.000 10.000 6.00 5.000 15.000 9.00 12.000  
## Diameter 0.35 0.36 0.41 0.385 0.435 0.28 0.155 0.415 0.39 0.385  
## [,789] [,790] [,791] [,792] [,793] [,794] [,795] [,796] [,797] [,798]  
## Rings 9.00 12.000 10.000 10.000 9.00 12.00 12.000 15.000 11.00 9.000  
## Diameter 0.39 0.465 0.465 0.375 0.37 0.45 0.465 0.405 0.41 0.335  
## [,799] [,800] [,801] [,802] [,803] [,804] [,805] [,806] [,807] [,808]  
## Rings 11.00 11.000 10.00 10.000 9.00 7.000 10.00 7.000 6.000 15.0  
## Diameter 0.42 0.345 0.34 0.335 0.33 0.275 0.38 0.305 0.205 0.4  
## [,809] [,810] [,811] [,812] [,813] [,814] [,815] [,816] [,817] [,818]  
## Rings 10.00 12.00 12.000 21.000 6.000 5.000 7.00 7.00 6.00 6.00  
## Diameter 0.34 0.41 0.405 0.365 0.175 0.185 0.24 0.25 0.25 0.27  
## [,819] [,820] [,821] [,822] [,823] [,824] [,825] [,826] [,827] [,828]  
## Rings 6.00 7.0 7.000 6.000 7.000 6.00 7.0 7.00 6.00 6.00  
## Diameter 0.25 0.3 0.275 0.275 0.275 0.29 0.3 0.29 0.29 0.31  
## [,829] [,830] [,831] [,832] [,833] [,834] [,835] [,836] [,837] [,838]  
## Rings 6.000 7.00 6.000 6.000 9.000 7.000 7.000 8.00 8.000 9.000  
## Diameter 0.325 0.32 0.305 0.325 0.365 0.335 0.325 0.35 0.375 0.365  
## [,839] [,840] [,841] [,842] [,843] [,844] [,845] [,846] [,847] [,848]  
## Rings 8.000 9.000 8.000 9.00 9.0 8.00 8.000 9.000 11.00 10.00  
## Diameter 0.365 0.355 0.385 0.41 0.4 0.44 0.395 0.405 0.42 0.44  
## [,849] [,850] [,851] [,852] [,853] [,854] [,855] [,856] [,857] [,858]  
## Rings 8.00 10.00 10.00 9.000 10.00 9.000 10.000 9.000 9.000 12.00  
## Diameter 0.43 0.45 0.45 0.435 0.45 0.455 0.435 0.465 0.475 0.46  
## [,859] [,860] [,861] [,862] [,863] [,864] [,865] [,866] [,867] [,868]  
## Rings 10.00 8.00 6.000 12.000 11.000 10.000 11.000 10.000 9.000 12.0  
## Diameter 0.48 0.48 0.475 0.465 0.475 0.475 0.495 0.475 0.455 0.5  
## [,869] [,870] [,871] [,872] [,873] [,874] [,875] [,876] [,877] [,878]  
## Rings 10.00 9.00 12.000 11.000 9.0 11.00 11.00 14.000 9.00 10.0  
## Diameter 0.52 0.51 0.505 0.505 0.5 0.49 0.49 0.505 0.51 0.5  
## [,879] [,880] [,881] [,882] [,883] [,884] [,885] [,886] [,887] [,888]  
## Rings 9.000 8.00 11.000 9.00 17.00 15.00 10.00 10.000 12.000 9.000  
## Diameter 0.485 0.51 0.525 0.52 0.58 0.53 0.52 0.585 0.525 0.525  
## [,889] [,890] [,891] [,892] [,893] [,894] [,895] [,896] [,897] [,898]  
## Rings 11.00 11.00 11.00 17.000 6.00 5.000 3.000 6.00 4.00 6.000  
## Diameter 0.56 0.54 0.56 0.595 0.14 0.175 0.175 0.19 0.18 0.195  
## [,899] [,900] [,901] [,902] [,903] [,904] [,905] [,906] [,907] [,908]  
## Rings 4.00 5.00 4.000 6.00 5.00 6.000 8.00 5.00 6.00 6.000  
## Diameter 0.12 0.23 0.235 0.23 0.22 0.235 0.23 0.24 0.24 0.265  
## [,909] [,910] [,911] [,912] [,913] [,914] [,915] [,916] [,917] [,918]  
## Rings 7.00 7.00 5.00 7.00 7.000 6.00 7.00 6.00 6.000 7.00  
## Diameter 0.25 0.25 0.25 0.25 0.265 0.29 0.28 0.28 0.265 0.31  
## [,919] [,920] [,921] [,922] [,923] [,924] [,925] [,926] [,927] [,928]  
## Rings 7.000 6.00 6.00 5.00 6.000 6.00 6.000 7.000 7.000 8.000  
## Diameter 0.305 0.31 0.33 0.32 0.315 0.34 0.315 0.325 0.325 0.325  
## [,929] [,930] [,931] [,932] [,933] [,934] [,935] [,936] [,937] [,938]  
## Rings 6.00 6.000 7.000 6.000 7.00 7.00 8.000 7.000 7.000 7.000  
## Diameter 0.34 0.345 0.325 0.335 0.35 0.36 0.355 0.345 0.335 0.355  
## [,939] [,940] [,941] [,942] [,943] [,944] [,945] [,946] [,947] [,948]  
## Rings 6.000 7.00 7.000 7.000 7.00 7.000 6.00 8.000 8.000 9.00  
## Diameter 0.375 0.36 0.345 0.365 0.37 0.345 0.35 0.365 0.365 0.37  
## [,949] [,950] [,951] [,952] [,953] [,954] [,955] [,956] [,957] [,958]  
## Rings 6.00 6.000 6.000 8.00 7.000 7.00 8.000 8.000 7.0 6.00  
## Diameter 0.36 0.375 0.385 0.36 0.365 0.37 0.385 0.395 0.4 0.39  
## [,959] [,960] [,961] [,962] [,963] [,964] [,965] [,966] [,967] [,968]  
## Rings 8.000 7.000 7.0 9.00 8.00 9.00 8.000 8.00 7.000 7.000  
## Diameter 0.385 0.385 0.4 0.39 0.39 0.41 0.355 0.39 0.375 0.405  
## [,969] [,970] [,971] [,972] [,973] [,974] [,975] [,976] [,977] [,978]  
## Rings 8.000 8.00 8.00 7.00 8.000 11.0 8.000 8.000 7.000 8.0  
## Diameter 0.405 0.41 0.43 0.39 0.415 0.4 0.425 0.425 0.405 0.4  
## [,979] [,980] [,981] [,982] [,983] [,984] [,985] [,986] [,987] [,988]  
## Rings 8.00 8.000 9.000 9.00 9.000 8.0 10.00 10.00 8.000 8.000  
## Diameter 0.43 0.435 0.445 0.43 0.455 0.4 0.45 0.45 0.455 0.445  
## [,989] [,990] [,991] [,992] [,993] [,994] [,995] [,996] [,997] [,998]  
## Rings 7.00 9.000 9.00 7.00 8.00 10.000 8.00 9.00 11.000 8.00  
## Diameter 0.46 0.475 0.46 0.46 0.46 0.455 0.45 0.49 0.465 0.47  
## [,999] [,1000] [,1001] [,1002] [,1003] [,1004] [,1005] [,1006] [,1007]  
## Rings 8.000 11.00 11.00 9.000 9.00 9.000 9.00 9.000 11.00  
## Diameter 0.455 0.47 0.45 0.475 0.46 0.455 0.49 0.475 0.47  
## [,1008] [,1009] [,1010] [,1011] [,1012] [,1013] [,1014] [,1015]  
## Rings 11.00 10.000 8.00 11.00 10.00 10.00 10.000 9.0  
## Diameter 0.47 0.475 0.48 0.51 0.48 0.49 0.475 0.5  
## [,1016] [,1017] [,1018] [,1019] [,1020] [,1021] [,1022] [,1023]  
## Rings 9.000 8.000 11.000 8.00 11.00 10.000 10.000 11.0  
## Diameter 0.485 0.485 0.495 0.48 0.49 0.525 0.505 0.5  
## [,1024] [,1025] [,1026] [,1027] [,1028] [,1029] [,1030] [,1031]  
## Rings 10.0 10.0 11.00 8.00 8.000 11.0 10.0 10.000  
## Diameter 0.5 0.5 0.52 0.52 0.505 0.5 0.5 0.515  
## [,1032] [,1033] [,1034] [,1035] [,1036] [,1037] [,1038] [,1039]  
## Rings 9.000 11.00 10.000 9.00 10.00 11.000 9.000 10.000  
## Diameter 0.495 0.52 0.525 0.46 0.51 0.505 0.535 0.495  
## [,1040] [,1041] [,1042] [,1043] [,1044] [,1045] [,1046] [,1047]  
## Rings 6.000 11.000 10.00 12.000 12.000 8.000 10.000 10.000  
## Diameter 0.475 0.525 0.57 0.565 0.535 0.525 0.505 0.535  
## [,1048] [,1049] [,1050] [,1051] [,1052] [,1053] [,1054] [,1055]  
## Rings 12.000 11.000 10.000 11.000 11.0 12.0 4.00 3.00  
## Diameter 0.535 0.565 0.565 0.525 0.6 0.6 0.13 0.15  
## [,1056] [,1057] [,1058] [,1059] [,1060] [,1061] [,1062] [,1063]  
## Rings 4.000 4.000 4.000 4.00 5.00 7.000 6.000 5.00  
## Diameter 0.135 0.155 0.165 0.18 0.18 0.195 0.195 0.21  
## [,1064] [,1065] [,1066] [,1067] [,1068] [,1069] [,1070] [,1071]  
## Rings 5.00 6.00 6.000 6.000 5.000 6.00 6.00 6.000  
## Diameter 0.22 0.22 0.235 0.225 0.265 0.28 0.28 0.275  
## [,1072] [,1073] [,1074] [,1075] [,1076] [,1077] [,1078] [,1079]  
## Rings 7.00 6.00 7.0 7.0 6.000 7.0 7.00 6.00  
## Diameter 0.29 0.32 0.3 0.3 0.325 0.3 0.32 0.31  
## [,1080] [,1081] [,1082] [,1083] [,1084] [,1085] [,1086] [,1087]  
## Rings 7.000 7.000 6.00 7.000 7.00 7.000 7.00 8.000  
## Diameter 0.325 0.335 0.33 0.345 0.33 0.345 0.34 0.335  
## [,1088] [,1089] [,1090] [,1091] [,1092] [,1093] [,1094] [,1095]  
## Rings 8.000 6.00 7.00 6.00 6.00 7.00 7.00 6.00  
## Diameter 0.365 0.34 0.33 0.33 0.33 0.35 0.36 0.38  
## [,1096] [,1097] [,1098] [,1099] [,1100] [,1101] [,1102] [,1103]  
## Rings 6.00 7.00 8.00 7.000 7.000 9.000 8.00 6.00  
## Diameter 0.35 0.35 0.38 0.465 0.375 0.375 0.38 0.39  
## [,1104] [,1105] [,1106] [,1107] [,1108] [,1109] [,1110] [,1111]  
## Rings 7.00 8.000 6.0 9.0 8.00 8.000 9.0 8.00  
## Diameter 0.39 0.405 0.4 0.4 0.38 0.385 0.4 0.38  
## [,1112] [,1113] [,1114] [,1115] [,1116] [,1117] [,1118] [,1119]  
## Rings 8.00 7.00 8.0 9.0 9.000 8.000 8.0 9.00  
## Diameter 0.38 0.46 0.4 0.4 0.405 0.395 0.4 0.39  
## [,1120] [,1121] [,1122] [,1123] [,1124] [,1125] [,1126] [,1127]  
## Rings 10.00 7.00 9.00 9.000 8.000 8.00 10.000 9.00  
## Diameter 0.42 0.39 0.41 0.415 0.415 0.43 0.425 0.43  
## [,1128] [,1129] [,1130] [,1131] [,1132] [,1133] [,1134] [,1135]  
## Rings 8.000 8.00 8.000 9.000 8.000 9.00 9.00 8.000  
## Diameter 0.445 0.44 0.415 0.455 0.435 0.45 0.46 0.445  
## [,1136] [,1137] [,1138] [,1139] [,1140] [,1141] [,1142] [,1143]  
## Rings 8.00 7.00 10.00 9.000 9.00 9.000 10.000 9.000  
## Diameter 0.44 0.46 0.45 0.435 0.47 0.455 0.435 0.445  
## [,1144] [,1145] [,1146] [,1147] [,1148] [,1149] [,1150] [,1151]  
## Rings 9.000 8.000 9.000 9.000 9.00 8.00 9.00 9.00  
## Diameter 0.445 0.455 0.455 0.445 0.45 0.45 0.45 0.46  
## [,1152] [,1153] [,1154] [,1155] [,1156] [,1157] [,1158] [,1159]  
## Rings 7.000 8.00 9.000 8.000 8.000 10.000 9.00 9.000  
## Diameter 0.465 0.47 0.475 0.455 0.465 0.465 0.47 0.475  
## [,1160] [,1161] [,1162] [,1163] [,1164] [,1165] [,1166] [,1167]  
## Rings 10.00 9.000 8.000 9.000 9.00 10.00 9.000 9.000  
## Diameter 0.48 0.475 0.485 0.485 0.47 0.46 0.465 0.475  
## [,1168] [,1169] [,1170] [,1171] [,1172] [,1173] [,1174] [,1175]  
## Rings 8.00 8.00 8.00 9.000 8.00 8.00 10.0 9.000  
## Diameter 0.47 0.45 0.48 0.485 0.48 0.47 0.5 0.495  
## [,1176] [,1177] [,1178] [,1179] [,1180] [,1181] [,1182] [,1183]  
## Rings 10.000 10.00 10.00 9.0 11.0 11.000 10.00 11.00  
## Diameter 0.515 0.53 0.48 0.5 0.5 0.515 0.51 0.53  
## [,1184] [,1185] [,1186] [,1187] [,1188] [,1189] [,1190] [,1191]  
## Rings 8.000 9.0 9.000 14.00 10.00 9.00 12.00 9.00  
## Diameter 0.525 0.5 0.505 0.54 0.52 0.54 0.53 0.53  
## [,1192] [,1193] [,1194] [,1195] [,1196] [,1197] [,1198] [,1199]  
## Rings 10.00 9.000 12.000 9.000 9.00 11.00 12.00 10.000  
## Diameter 0.56 0.565 0.575 0.525 0.55 0.56 0.55 0.535  
## [,1200] [,1201] [,1202] [,1203] [,1204] [,1205] [,1206] [,1207]  
## Rings 10.00 10.00 8.000 12.000 12.000 11.000 11.000 11.00  
## Diameter 0.58 0.55 0.565 0.505 0.575 0.585 0.565 0.57  
## [,1208] [,1209] [,1210] [,1211] [,1212] [,1213] [,1214] [,1215]  
## Rings 11.000 10.00 11.00 6.000 4.000 5.000 5.00 6.000  
## Diameter 0.625 0.58 0.63 0.375 0.205 0.185 0.19 0.195  
## [,1216] [,1217] [,1218] [,1219] [,1220] [,1221] [,1222] [,1223]  
## Rings 5.000 5.000 5.00 5.00 6.000 7.00 5.000 7.000  
## Diameter 0.215 0.225 0.23 0.23 0.225 0.25 0.205 0.245  
## [,1224] [,1225] [,1226] [,1227] [,1228] [,1229] [,1230] [,1231]  
## Rings 6.00 6.000 5.000 6.00 8.000 4.00 6.00 7.00  
## Diameter 0.25 0.255 0.255 0.27 0.255 0.27 0.27 0.27  
## [,1232] [,1233] [,1234] [,1235] [,1236] [,1237] [,1238] [,1239]  
## Rings 7.000 7.00 6.00 5.00 7.00 6.000 6.000 8.00  
## Diameter 0.265 0.29 0.28 0.29 0.29 0.275 0.275 0.28  
## [,1240] [,1241] [,1242] [,1243] [,1244] [,1245] [,1246] [,1247]  
## Rings 7.00 6.000 8.00 9.00 8.00 7.0 5.00 7.0  
## Diameter 0.27 0.275 0.27 0.29 0.28 0.3 0.28 0.3  
## [,1248] [,1249] [,1250] [,1251] [,1252] [,1253] [,1254] [,1255]  
## Rings 8.000 8.000 5.00 5.00 6.000 7.000 6.000 7.000  
## Diameter 0.305 0.295 0.27 0.29 0.285 0.335 0.305 0.325  
## [,1256] [,1257] [,1258] [,1259] [,1260] [,1261] [,1262] [,1263]  
## Rings 7.00 7.00 8.00 8.000 7.000 9.00 9.00 8.000  
## Diameter 0.32 0.31 0.34 0.315 0.315 0.34 0.33 0.345  
## [,1264] [,1265] [,1266] [,1267] [,1268] [,1269] [,1270] [,1271]  
## Rings 8.000 8.00 7.00 9.00 8.000 11.00 8.000 8.000  
## Diameter 0.365 0.33 0.36 0.35 0.365 0.34 0.365 0.355  
## [,1272] [,1273] [,1274] [,1275] [,1276] [,1277] [,1278] [,1279]  
## Rings 8.000 8.000 8.00 8.00 9.00 8.000 8.000 8.000  
## Diameter 0.355 0.355 0.38 0.36 0.37 0.355 0.365 0.355  
## [,1280] [,1281] [,1282] [,1283] [,1284] [,1285] [,1286] [,1287]  
## Rings 7.00 8.000 9.00 9.00 9.000 9.00 7.000 9.000  
## Diameter 0.38 0.395 0.38 0.42 0.375 0.41 0.375 0.395  
## [,1288] [,1289] [,1290] [,1291] [,1292] [,1293] [,1294] [,1295]  
## Rings 8.000 7.00 8.000 7.00 13.00 9.0 10.0 9.000  
## Diameter 0.405 0.38 0.395 0.38 0.42 0.4 0.4 0.395  
## [,1296] [,1297] [,1298] [,1299] [,1300] [,1301] [,1302] [,1303]  
## Rings 9.0 9.00 9.000 10.00 9.000 9.000 9.0 8.000  
## Diameter 0.4 0.42 0.415 0.42 0.415 0.425 0.4 0.415  
## [,1304] [,1305] [,1306] [,1307] [,1308] [,1309] [,1310] [,1311]  
## Rings 9.00 9.000 10.00 9.00 8.000 9.000 10.00 8.000  
## Diameter 0.41 0.435 0.42 0.42 0.435 0.445 0.43 0.405  
## [,1312] [,1313] [,1314] [,1315] [,1316] [,1317] [,1318] [,1319]  
## Rings 11.00 9.000 9.00 10.000 9.000 9.00 10.00 9.00  
## Diameter 0.43 0.405 0.43 0.435 0.425 0.44 0.43 0.43  
## [,1320] [,1321] [,1322] [,1323] [,1324] [,1325] [,1326] [,1327]  
## Rings 9.000 9.000 9.000 10.000 9.000 11.00 8.00 8.000  
## Diameter 0.425 0.425 0.425 0.445 0.455 0.44 0.45 0.445  
## [,1328] [,1329] [,1330] [,1331] [,1332] [,1333] [,1334] [,1335]  
## Rings 11.00 10.00 8.00 9.00 10.000 10.00 9.000 10.00  
## Diameter 0.39 0.45 0.45 0.46 0.435 0.44 0.435 0.42  
## [,1336] [,1337] [,1338] [,1339] [,1340] [,1341] [,1342] [,1343]  
## Rings 9.00 10.00 10.00 10.000 8.000 9.000 10.00 10.000  
## Diameter 0.48 0.46 0.46 0.455 0.445 0.465 0.49 0.475  
## [,1344] [,1345] [,1346] [,1347] [,1348] [,1349] [,1350] [,1351]  
## Rings 10.00 10.00 10.000 8.00 9.000 9.00 10.000 10.000  
## Diameter 0.46 0.47 0.475 0.45 0.445 0.47 0.455 0.465  
## [,1352] [,1353] [,1354] [,1355] [,1356] [,1357] [,1358] [,1359]  
## Rings 12.000 10.000 11.00 10.000 11.000 10.000 11.00 11.000  
## Diameter 0.465 0.475 0.48 0.475 0.465 0.455 0.46 0.485  
## [,1360] [,1361] [,1362] [,1363] [,1364] [,1365] [,1366] [,1367]  
## Rings 10.00 11.000 9.000 12.00 10.00 12.00 10.000 9.000  
## Diameter 0.49 0.435 0.475 0.47 0.45 0.48 0.475 0.465  
## [,1368] [,1369] [,1370] [,1371] [,1372] [,1373] [,1374] [,1375]  
## Rings 10.00 10.00 10.000 10.00 10.0 12.000 10.000 9.00  
## Diameter 0.48 0.46 0.475 0.47 0.5 0.475 0.475 0.48  
## [,1376] [,1377] [,1378] [,1379] [,1380] [,1381] [,1382] [,1383]  
## Rings 10.000 10.00 12.000 10.0 10.000 9.000 11.000 9.000  
## Diameter 0.475 0.51 0.495 0.5 0.475 0.455 0.505 0.515  
## [,1384] [,1385] [,1386] [,1387] [,1388] [,1389] [,1390] [,1391]  
## Rings 12.00 9.000 11.000 12.000 10.000 12.000 10.00 9.0  
## Diameter 0.48 0.485 0.505 0.485 0.475 0.495 0.49 0.5  
## [,1392] [,1393] [,1394] [,1395] [,1396] [,1397] [,1398] [,1399]  
## Rings 9.000 10.000 10.00 15.000 10.000 11.00 10.0 11.000  
## Diameter 0.495 0.475 0.51 0.565 0.525 0.51 0.5 0.525  
## [,1400] [,1401] [,1402] [,1403] [,1404] [,1405] [,1406] [,1407]  
## Rings 11.000 11.00 11.000 9.00 10.00 10.000 13.000 10.00  
## Diameter 0.505 0.59 0.525 0.51 0.51 0.525 0.535 0.52  
## [,1408] [,1409] [,1410] [,1411] [,1412] [,1413] [,1414] [,1415]  
## Rings 10.00 10.000 10.000 10.00 11.00 10.000 13.000 9.000  
## Diameter 0.49 0.495 0.515 0.53 0.53 0.505 0.545 0.545  
## [,1416] [,1417] [,1418] [,1419] [,1420] [,1421] [,1422] [,1423]  
## Rings 11.000 12.000 10.000 11.000 12.00 11.00 13.000 12.000  
## Diameter 0.565 0.545 0.565 0.555 0.57 0.55 0.575 0.575  
## [,1424] [,1425] [,1426] [,1427] [,1428] [,1429] [,1430] [,1431]  
## Rings 11.0 11.00 12.000 9.00 14.00 14.00 3.000 4.000  
## Diameter 0.6 0.58 0.565 0.57 0.61 0.65 0.105 0.165  
## [,1432] [,1433] [,1434] [,1435] [,1436] [,1437] [,1438] [,1439]  
## Rings 7.000 5.000 6.00 7.00 5.0 5.000 6.00 7.0  
## Diameter 0.265 0.255 0.27 0.28 0.3 0.295 0.29 0.3  
## [,1440] [,1441] [,1442] [,1443] [,1444] [,1445] [,1446] [,1447]  
## Rings 8.00 7.00 6.0 5.00 9.000 6.00 6.00 5.00  
## Diameter 0.31 0.29 0.3 0.32 0.315 0.34 0.34 0.34  
## [,1448] [,1449] [,1450] [,1451] [,1452] [,1453] [,1454] [,1455]  
## Rings 8.00 9.000 6.000 7.000 8.000 9.000 6.00 6.000  
## Diameter 0.32 0.365 0.335 0.335 0.355 0.345 0.35 0.355  
## [,1456] [,1457] [,1458] [,1459] [,1460] [,1461] [,1462] [,1463]  
## Rings 8.00 7.000 7.000 7.00 6.00 8.00 6.00 7.00  
## Diameter 0.37 0.365 0.365 0.36 0.38 0.39 0.37 0.38  
## [,1464] [,1465] [,1466] [,1467] [,1468] [,1469] [,1470] [,1471]  
## Rings 9.000 9.00 8.000 8.000 7.0 8.0 8.0 9.00  
## Diameter 0.385 0.38 0.395 0.425 0.4 0.4 0.4 0.43  
## [,1472] [,1473] [,1474] [,1475] [,1476] [,1477] [,1478] [,1479]  
## Rings 8.0 9.00 8.00 9.000 8.00 9.000 8.000 9.000  
## Diameter 0.4 0.41 0.43 0.425 0.43 0.435 0.445 0.465  
## [,1480] [,1481] [,1482] [,1483] [,1484] [,1485] [,1486] [,1487]  
## Rings 8.00 9.00 9.000 8.000 8.00 9.000 8.00 9.000  
## Diameter 0.46 0.46 0.435 0.455 0.44 0.465 0.46 0.455  
## [,1488] [,1489] [,1490] [,1491] [,1492] [,1493] [,1494] [,1495]  
## Rings 8.000 9.000 11.000 9.000 9.000 11.000 8.000 10.000  
## Diameter 0.455 0.465 0.485 0.485 0.515 0.485 0.475 0.485  
## [,1496] [,1497] [,1498] [,1499] [,1500] [,1501] [,1502] [,1503]  
## Rings 8.000 9.00 10.00 11.00 9.00 10.0 9.000 11.00  
## Diameter 0.435 0.48 0.52 0.47 0.47 0.5 0.455 0.48  
## [,1504] [,1505] [,1506] [,1507] [,1508] [,1509] [,1510] [,1511]  
## Rings 10.00 10.000 8.00 9.000 10.000 11.00 11.000 10.000  
## Diameter 0.49 0.505 0.51 0.515 0.515 0.51 0.505 0.545  
## [,1512] [,1513] [,1514] [,1515] [,1516] [,1517] [,1518] [,1519]  
## Rings 10.000 9.0 8.000 11.00 11.00 10.000 10.000 11.000  
## Diameter 0.515 0.5 0.485 0.54 0.51 0.505 0.515 0.545  
## [,1520] [,1521] [,1522] [,1523] [,1524] [,1525] [,1526] [,1527]  
## Rings 10.00 10.0 12.0 11.000 12.000 11.00 11.000 10.00  
## Diameter 0.51 0.5 0.5 0.515 0.525 0.55 0.555 0.56  
## [,1528] [,1529] [,1530] [,1531] [,1532] [,1533] [,1534] [,1535]  
## Rings 12.000 13.000 10.00 11.00 5.00 5.00 6.000 6.00  
## Diameter 0.565 0.575 0.57 0.55 0.17 0.21 0.215 0.23  
## [,1536] [,1537] [,1538] [,1539] [,1540] [,1541] [,1542] [,1543]  
## Rings 6.000 5.000 5.00 6.00 7.00 8.00 7.000 7.000  
## Diameter 0.225 0.255 0.26 0.27 0.26 0.27 0.275 0.265  
## [,1544] [,1545] [,1546] [,1547] [,1548] [,1549] [,1550] [,1551]  
## Rings 7.00 6.00 7.00 7.000 6.00 8.00 7.00 8.0  
## Diameter 0.27 0.27 0.28 0.285 0.29 0.29 0.28 0.3  
## [,1552] [,1553] [,1554] [,1555] [,1556] [,1557] [,1558] [,1559]  
## Rings 7.0 7.000 7.00 8.0 8.0 7.000 8.000 7.000  
## Diameter 0.3 0.285 0.29 0.3 0.3 0.325 0.325 0.315  
## [,1560] [,1561] [,1562] [,1563] [,1564] [,1565] [,1566] [,1567]  
## Rings 7.000 6.000 8.00 7.000 10.00 7.00 7.000 9.00  
## Diameter 0.335 0.325 0.34 0.335 0.36 0.35 0.355 0.37  
## [,1568] [,1569] [,1570] [,1571] [,1572] [,1573] [,1574] [,1575]  
## Rings 8.000 8.000 8.00 7.00 8.00 9.00 8.00 8.000  
## Diameter 0.345 0.355 0.36 0.36 0.36 0.37 0.37 0.355  
## [,1576] [,1577] [,1578] [,1579] [,1580] [,1581] [,1582] [,1583]  
## Rings 7.000 8.000 8.0 8.00 8.0 8.0 8.00 9.000  
## Diameter 0.375 0.375 0.4 0.37 0.4 0.4 0.39 0.375  
## [,1584] [,1585] [,1586] [,1587] [,1588] [,1589] [,1590] [,1591]  
## Rings 7.000 6.000 9.00 10.00 8.000 8.00 9.00 7.00  
## Diameter 0.395 0.375 0.36 0.35 0.395 0.39 0.41 0.39  
## [,1592] [,1593] [,1594] [,1595] [,1596] [,1597] [,1598] [,1599]  
## Rings 8.000 9.00 8.00 7.0 9.0 7.00 10.00 9.0  
## Diameter 0.415 0.39 0.38 0.4 0.4 0.42 0.43 0.4  
## [,1600] [,1601] [,1602] [,1603] [,1604] [,1605] [,1606] [,1607]  
## Rings 11.00 7.0 9.00 9.000 9.00 10.000 9.00 10.000  
## Diameter 0.42 0.4 0.43 0.425 0.43 0.455 0.42 0.425  
## [,1608] [,1609] [,1610] [,1611] [,1612] [,1613] [,1614] [,1615]  
## Rings 8.000 9.0 8.000 8.00 10.000 9.000 12.00 8.000  
## Diameter 0.425 0.4 0.375 0.42 0.435 0.425 0.42 0.415  
## [,1616] [,1617] [,1618] [,1619] [,1620] [,1621] [,1622] [,1623]  
## Rings 8.000 9.000 8.000 11.00 10.000 8.00 10.000 9.00  
## Diameter 0.425 0.395 0.435 0.46 0.445 0.44 0.425 0.42  
## [,1624] [,1625] [,1626] [,1627] [,1628] [,1629] [,1630] [,1631]  
## Rings 9.00 9.00 10.00 8.00 9.00 9.000 10.00 9.000  
## Diameter 0.44 0.44 0.43 0.45 0.45 0.435 0.43 0.445  
## [,1632] [,1633] [,1634] [,1635] [,1636] [,1637] [,1638] [,1639]  
## Rings 12.000 8.000 10.000 10.00 9.00 10.00 8.000 9.000  
## Diameter 0.445 0.455 0.425 0.47 0.45 0.47 0.465 0.445  
## [,1640] [,1641] [,1642] [,1643] [,1644] [,1645] [,1646] [,1647]  
## Rings 10.00 8.000 9.000 13.00 8.000 10.00 10.00 9.000  
## Diameter 0.45 0.435 0.445 0.44 0.435 0.46 0.43 0.445  
## [,1648] [,1649] [,1650] [,1651] [,1652] [,1653] [,1654] [,1655]  
## Rings 10.000 10.00 10.00 11.00 8.000 10.00 10.00 8.00  
## Diameter 0.445 0.49 0.45 0.46 0.435 0.45 0.45 0.46  
## [,1656] [,1657] [,1658] [,1659] [,1660] [,1661] [,1662] [,1663]  
## Rings 8.00 9.000 9.00 8.00 10.00 9.00 10.00 9.000  
## Diameter 0.46 0.475 0.48 0.48 0.48 0.47 0.47 0.455  
## [,1664] [,1665] [,1666] [,1667] [,1668] [,1669] [,1670] [,1671]  
## Rings 8.000 9.00 8.00 9.00 11.000 10.000 10.000 12.000  
## Diameter 0.475 0.47 0.48 0.47 0.505 0.475 0.465 0.485  
## [,1672] [,1673] [,1674] [,1675] [,1676] [,1677] [,1678] [,1679]  
## Rings 9.00 10.000 9.000 9.00 7.000 10.00 9.000 12.000  
## Diameter 0.47 0.475 0.465 0.47 0.485 0.47 0.475 0.485  
## [,1680] [,1681] [,1682] [,1683] [,1684] [,1685] [,1686] [,1687]  
## Rings 12.000 13.000 11.00 11.00 12.00 9.00 10.00 12.00  
## Diameter 0.515 0.515 0.54 0.49 0.48 0.47 0.45 0.48  
## [,1688] [,1689] [,1690] [,1691] [,1692] [,1693] [,1694] [,1695]  
## Rings 9.00 11.00 10.000 9.0 12.00 10.000 9.000 9.000  
## Diameter 0.48 0.49 0.475 0.5 0.47 0.485 0.485 0.505  
## [,1696] [,1697] [,1698] [,1699] [,1700] [,1701] [,1702] [,1703]  
## Rings 8.0 11.00 10.000 11.000 13.0 12.0 10.00 9.00  
## Diameter 0.5 0.49 0.485 0.495 0.5 0.5 0.49 0.49  
## [,1704] [,1705] [,1706] [,1707] [,1708] [,1709] [,1710] [,1711]  
## Rings 10.000 10.000 11.000 10.000 12.0 14.0 9.00 10.00  
## Diameter 0.505 0.515 0.525 0.505 0.5 0.5 0.51 0.51  
## [,1712] [,1713] [,1714] [,1715] [,1716] [,1717] [,1718] [,1719]  
## Rings 9.00 9.00 10.0 10.00 9.000 12.00 9.000 11.000  
## Diameter 0.51 0.51 0.5 0.51 0.485 0.48 0.495 0.505  
## [,1720] [,1721] [,1722] [,1723] [,1724] [,1725] [,1726] [,1727]  
## Rings 11.000 9.00 10.00 9.00 12.000 11.000 9.0 12.000  
## Diameter 0.525 0.51 0.55 0.51 0.505 0.505 0.5 0.535  
## [,1728] [,1729] [,1730] [,1731] [,1732] [,1733] [,1734] [,1735]  
## Rings 10.00 14.00 11.000 11.000 11.000 12.00 9.0 12.000  
## Diameter 0.53 0.51 0.525 0.505 0.505 0.52 0.5 0.505  
## [,1736] [,1737] [,1738] [,1739] [,1740] [,1741] [,1742] [,1743]  
## Rings 11.00 13.00 10.00 11.00 13.000 10.00 10.00 11.00  
## Diameter 0.52 0.52 0.55 0.54 0.525 0.51 0.52 0.51  
## [,1744] [,1745] [,1746] [,1747] [,1748] [,1749] [,1750] [,1751]  
## Rings 11.00 11.000 12.00 10.000 15.000 11.000 11.000 12.00  
## Diameter 0.52 0.565 0.55 0.565 0.535 0.545 0.575 0.57  
## [,1752] [,1753] [,1754] [,1755] [,1756] [,1757] [,1758] [,1759]  
## Rings 10.00 11.00 10.00 13.00 7.000 14.000 11.00 11.00  
## Diameter 0.54 0.56 0.57 0.55 0.525 0.565 0.56 0.59  
## [,1760] [,1761] [,1762] [,1763] [,1764] [,1765] [,1766] [,1767]  
## Rings 12.000 11.000 12.000 12.00 12.00 5.000 6.000 7.00  
## Diameter 0.565 0.565 0.595 0.62 0.63 0.175 0.245 0.27  
## [,1768] [,1769] [,1770] [,1771] [,1772] [,1773] [,1774] [,1775]  
## Rings 7.00 8.0 7.00 6.000 8.000 8.000 10.000 7.00  
## Diameter 0.28 0.3 0.32 0.335 0.325 0.345 0.325 0.36  
## [,1776] [,1777] [,1778] [,1779] [,1780] [,1781] [,1782] [,1783]  
## Rings 8.000 9.00 9.000 8.000 9.00 9.00 8.000 10.000  
## Diameter 0.365 0.37 0.345 0.355 0.37 0.35 0.395 0.365  
## [,1784] [,1785] [,1786] [,1787] [,1788] [,1789] [,1790] [,1791]  
## Rings 7.00 8.00 8.000 8.000 8.00 10.000 9.000 10.00  
## Diameter 0.38 0.41 0.425 0.385 0.42 0.415 0.385 0.38  
## [,1792] [,1793] [,1794] [,1795] [,1796] [,1797] [,1798] [,1799]  
## Rings 10.00 9.000 10.00 10.00 10.00 10.000 8.00 11.000  
## Diameter 0.42 0.455 0.44 0.45 0.43 0.455 0.45 0.495  
## [,1800] [,1801] [,1802] [,1803] [,1804] [,1805] [,1806] [,1807]  
## Rings 9.000 9.000 10.000 11.000 10.000 10.00 9.000 11.00  
## Diameter 0.465 0.475 0.475 0.475 0.455 0.47 0.495 0.49  
## [,1808] [,1809] [,1810] [,1811] [,1812] [,1813] [,1814] [,1815]  
## Rings 11.000 10.000 8.000 9.0 11.000 10.000 9.00 10.000  
## Diameter 0.495 0.475 0.475 0.5 0.525 0.485 0.52 0.545  
## [,1816] [,1817] [,1818] [,1819] [,1820] [,1821] [,1822] [,1823]  
## Rings 11.000 10.00 9.000 10.00 11.00 13.000 9.00 11.00  
## Diameter 0.515 0.53 0.535 0.55 0.53 0.545 0.55 0.56  
## [,1824] [,1825] [,1826] [,1827] [,1828] [,1829] [,1830] [,1831]  
## Rings 11.000 5.000 4.00 7.000 6.00 7.000 6.00 7.000  
## Diameter 0.575 0.135 0.18 0.215 0.26 0.265 0.27 0.275  
## [,1832] [,1833] [,1834] [,1835] [,1836] [,1837] [,1838] [,1839]  
## Rings 6.00 8.00 6.0 7.000 7.000 6.00 6.00 8.00  
## Diameter 0.27 0.31 0.3 0.315 0.335 0.31 0.31 0.31  
## [,1840] [,1841] [,1842] [,1843] [,1844] [,1845] [,1846] [,1847]  
## Rings 11.000 8.00 7.000 7.00 8.00 7.000 8.00 7.00  
## Diameter 0.325 0.34 0.335 0.33 0.33 0.345 0.33 0.37  
## [,1848] [,1849] [,1850] [,1851] [,1852] [,1853] [,1854] [,1855]  
## Rings 8.000 9.00 7.000 8.00 9.00 8.00 8.00 8.000  
## Diameter 0.375 0.34 0.385 0.36 0.37 0.38 0.38 0.375  
## [,1856] [,1857] [,1858] [,1859] [,1860] [,1861] [,1862] [,1863]  
## Rings 9.00 11.000 8.0 10.0 10.000 10.00 8.000 8.00  
## Diameter 0.38 0.405 0.4 0.4 0.415 0.42 0.385 0.41  
## [,1864] [,1865] [,1866] [,1867] [,1868] [,1869] [,1870] [,1871]  
## Rings 9.000 9.000 7.00 10.000 9.000 8.000 9.0 8.00  
## Diameter 0.415 0.395 0.38 0.385 0.415 0.405 0.4 0.43  
## [,1872] [,1873] [,1874] [,1875] [,1876] [,1877] [,1878] [,1879]  
## Rings 9.00 9.000 9.000 9.000 9.000 9.000 8.00 10.000  
## Diameter 0.43 0.395 0.405 0.455 0.425 0.395 0.39 0.425  
## [,1880] [,1881] [,1882] [,1883] [,1884] [,1885] [,1886] [,1887]  
## Rings 9.00 10.000 6.00 8.000 8.00 7.0 9.00 9.000  
## Diameter 0.43 0.435 0.45 0.435 0.41 0.4 0.45 0.455  
## [,1888] [,1889] [,1890] [,1891] [,1892] [,1893] [,1894] [,1895]  
## Rings 9.000 11.000 7.000 11.000 9.000 9.00 10.00 11.00  
## Diameter 0.445 0.445 0.415 0.455 0.435 0.45 0.46 0.46  
## [,1896] [,1897] [,1898] [,1899] [,1900] [,1901] [,1902] [,1903]  
## Rings 11.000 9.00 13.000 9.00 9.00 9.00 10.000 11.000  
## Diameter 0.455 0.44 0.415 0.44 0.45 0.45 0.435 0.455  
## [,1904] [,1905] [,1906] [,1907] [,1908] [,1909] [,1910] [,1911]  
## Rings 10.000 9.000 10.00 11.00 9.00 9.000 9.00 10.0  
## Diameter 0.445 0.465 0.45 0.45 0.43 0.475 0.45 0.5  
## [,1912] [,1913] [,1914] [,1915] [,1916] [,1917] [,1918] [,1919]  
## Rings 10.00 10.00 9.00 10.000 11.00 11.00 10.000 11.000  
## Diameter 0.44 0.44 0.44 0.455 0.47 0.46 0.475 0.465  
## [,1920] [,1921] [,1922] [,1923] [,1924] [,1925] [,1926] [,1927]  
## Rings 10.00 9.000 10.00 8.00 10.00 8.00 11.00 11.00  
## Diameter 0.49 0.455 0.47 0.48 0.46 0.46 0.47 0.47  
## [,1928] [,1929] [,1930] [,1931] [,1932] [,1933] [,1934] [,1935]  
## Rings 9.00 12.000 10.000 11.00 9.00 11.000 15.000 9.00  
## Diameter 0.47 0.495 0.495 0.49 0.49 0.495 0.495 0.47  
## [,1936] [,1937] [,1938] [,1939] [,1940] [,1941] [,1942] [,1943]  
## Rings 12.000 11.000 9.000 10.000 11.000 11.00 11.00 9.00  
## Diameter 0.485 0.495 0.515 0.505 0.445 0.52 0.47 0.49  
## [,1944] [,1945] [,1946] [,1947] [,1948] [,1949] [,1950] [,1951]  
## Rings 11.000 11.00 11.000 12.000 12.0 10.000 11.00 10.00  
## Diameter 0.485 0.52 0.505 0.525 0.5 0.515 0.53 0.48  
## [,1952] [,1953] [,1954] [,1955] [,1956] [,1957] [,1958] [,1959]  
## Rings 10.000 10.00 9.00 11.000 12.00 11.00 16.00 10.00  
## Diameter 0.515 0.49 0.49 0.485 0.51 0.49 0.52 0.52  
## [,1960] [,1961] [,1962] [,1963] [,1964] [,1965] [,1966] [,1967]  
## Rings 13.00 10.00 11.000 10.000 9.00 10.000 11.00 10.0  
## Diameter 0.51 0.51 0.515 0.525 0.52 0.535 0.51 0.5  
## [,1968] [,1969] [,1970] [,1971] [,1972] [,1973] [,1974] [,1975]  
## Rings 12.000 12.000 12.00 11.000 11.00 12.00 10.00 10.000  
## Diameter 0.515 0.525 0.53 0.515 0.51 0.54 0.54 0.535  
## [,1976] [,1977] [,1978] [,1979] [,1980] [,1981] [,1982] [,1983]  
## Rings 11.00 13.000 13.000 12.00 13.00 10.000 12.000 11.000  
## Diameter 0.55 0.545 0.575 0.55 0.55 0.535 0.575 0.565  
## [,1984] [,1985] [,1986] [,1987] [,1988] [,1989] [,1990] [,1991]  
## Rings 11.00 11.00 13.000 4.00 4.00 5.00 6.00 7.0  
## Diameter 0.57 0.55 0.605 0.13 0.11 0.15 0.21 0.2  
## [,1992] [,1993] [,1994] [,1995] [,1996] [,1997] [,1998] [,1999]  
## Rings 6.000 5.00 6.00 6.00 6.00 7.00 6.00 7.000  
## Diameter 0.215 0.21 0.21 0.21 0.24 0.25 0.25 0.235  
## [,2000] [,2001] [,2002] [,2003] [,2004] [,2005] [,2006] [,2007]  
## Rings 6.00 9.00 6.00 7.00 6.00 7.000 7.00 7.00  
## Diameter 0.25 0.27 0.27 0.27 0.28 0.275 0.29 0.25  
## [,2008] [,2009] [,2010] [,2011] [,2012] [,2013] [,2014] [,2015]  
## Rings 8.000 7.000 8.00 7.000 8.00 7.00 10.000 10.000  
## Diameter 0.325 0.315 0.32 0.325 0.33 0.35 0.365 0.375  
## [,2016] [,2017] [,2018] [,2019] [,2020] [,2021] [,2022] [,2023]  
## Rings 8.000 9.00 12.000 10.000 9.000 9.0 9.00 9.00  
## Diameter 0.365 0.39 0.395 0.385 0.455 0.4 0.41 0.43  
## [,2024] [,2025] [,2026] [,2027] [,2028] [,2029] [,2030] [,2031]  
## Rings 9.000 11.00 10.00 9.00 9.000 10.000 9.00 10.000  
## Diameter 0.405 0.44 0.47 0.41 0.445 0.435 0.46 0.465  
## [,2032] [,2033] [,2034] [,2035] [,2036] [,2037] [,2038] [,2039]  
## Rings 10.00 12.000 10.00 14.000 9.000 5.00 5.000 5.000  
## Diameter 0.45 0.445 0.49 0.515 0.515 0.19 0.195 0.215  
## [,2040] [,2041] [,2042] [,2043] [,2044] [,2045] [,2046] [,2047]  
## Rings 6.000 8.000 8.00 8.00 7.000 7.000 8.00 7.000  
## Diameter 0.215 0.255 0.24 0.28 0.295 0.305 0.31 0.305  
## [,2048] [,2049] [,2050] [,2051] [,2052] [,2053] [,2054] [,2055]  
## Rings 6.000 9.000 8.00 8.00 8.000 8.000 7.000 7.00  
## Diameter 0.315 0.305 0.32 0.35 0.355 0.345 0.345 0.36  
## [,2056] [,2057] [,2058] [,2059] [,2060] [,2061] [,2062] [,2063]  
## Rings 9.000 7.00 8.00 8.00 8.00 9.00 8.00 7.000  
## Diameter 0.355 0.38 0.35 0.39 0.37 0.39 0.38 0.385  
## [,2064] [,2065] [,2066] [,2067] [,2068] [,2069] [,2070] [,2071]  
## Rings 8.000 8.00 8.00 10.000 9.00 9.00 9.00 11.00  
## Diameter 0.385 0.42 0.42 0.385 0.42 0.43 0.41 0.42  
## [,2072] [,2073] [,2074] [,2075] [,2076] [,2077] [,2078] [,2079]  
## Rings 9.00 8.00 7.000 11.000 9.000 10.00 8.00 8.00  
## Diameter 0.44 0.45 0.435 0.485 0.465 0.47 0.43 0.48  
## [,2080] [,2081] [,2082] [,2083] [,2084] [,2085] [,2086] [,2087]  
## Rings 9.00 9.000 8.0 10.000 11.00 12.00 10.00 10.0  
## Diameter 0.49 0.495 0.5 0.525 0.55 0.54 0.57 0.5  
## [,2088] [,2089] [,2090] [,2091] [,2092] [,2093] [,2094] [,2095]  
## Rings 11.000 12.000 10.000 17.00 8.00 10.000 11.000 7.000  
## Diameter 0.585 0.575 0.555 0.57 0.39 0.425 0.385 0.305  
## [,2096] [,2097] [,2098] [,2099] [,2100] [,2101] [,2102] [,2103]  
## Rings 7.0 11.00 7.00 8.00 10.00 10.00 19.00 9.00  
## Diameter 0.3 0.39 0.33 0.35 0.31 0.29 0.38 0.31  
## [,2104] [,2105] [,2106] [,2107] [,2108] [,2109] [,2110] [,2111]  
## Rings 9.00 11.000 10.00 14.000 15.00 27.000 13.00 5.00  
## Diameter 0.29 0.385 0.48 0.455 0.55 0.535 0.49 0.25  
## [,2112] [,2113] [,2114] [,2115] [,2116] [,2117] [,2118] [,2119]  
## Rings 9.000 8.000 7.00 4.000 3.00 6.000 7.00 8.00  
## Diameter 0.355 0.405 0.29 0.095 0.13 0.225 0.29 0.38  
## [,2120] [,2121] [,2122] [,2123] [,2124] [,2125] [,2126] [,2127]  
## Rings 9.00 7.000 9.00 11.00 6.00 7.000 8.000 10.0  
## Diameter 0.37 0.325 0.36 0.35 0.21 0.295 0.375 0.4  
## [,2128] [,2129] [,2130] [,2131] [,2132] [,2133] [,2134] [,2135]  
## Rings 7.00 12.00 12.00 9.000 6.00 10.00 9.00 8.00  
## Diameter 0.31 0.51 0.47 0.455 0.24 0.41 0.35 0.33  
## [,2136] [,2137] [,2138] [,2139] [,2140] [,2141] [,2142] [,2143]  
## Rings 12.000 9.000 10.000 16.000 14.00 10.00 7.00 9.00  
## Diameter 0.425 0.425 0.455 0.465 0.53 0.36 0.24 0.35  
## [,2144] [,2145] [,2146] [,2147] [,2148] [,2149] [,2150] [,2151]  
## Rings 10.00 9.00 9.000 11.00 12.000 8.00 7.000 10.000  
## Diameter 0.37 0.35 0.325 0.35 0.375 0.31 0.195 0.355  
## [,2152] [,2153] [,2154] [,2155] [,2156] [,2157] [,2158] [,2159]  
## Rings 18.000 8.0 5.0 10.00 16.00 12.0 17.000 14.00  
## Diameter 0.585 0.3 0.2 0.44 0.46 0.5 0.495 0.42  
## [,2160] [,2161] [,2162] [,2163] [,2164] [,2165] [,2166] [,2167]  
## Rings 12.00 19.00 17.000 11.000 9.00 5.000 9.00 6.00  
## Diameter 0.51 0.55 0.565 0.565 0.47 0.305 0.45 0.28  
## [,2168] [,2169] [,2170] [,2171] [,2172] [,2173] [,2174] [,2175]  
## Rings 5.000 6.000 4.000 7.00 6.00 5.00 10.000 13.0  
## Diameter 0.275 0.235 0.115 0.21 0.13 0.15 0.465 0.5  
## [,2176] [,2177] [,2178] [,2179] [,2180] [,2181] [,2182] [,2183]  
## Rings 12.00 20.00 14.00 15.00 14.00 21.00 16.00 13.00  
## Diameter 0.45 0.45 0.45 0.48 0.47 0.42 0.42 0.43  
## [,2184] [,2185] [,2186] [,2187] [,2188] [,2189] [,2190] [,2191]  
## Rings 6.0 6.000 9.00 9.0 14.000 12.00 10.00 11.00  
## Diameter 0.4 0.235 0.34 0.4 0.385 0.37 0.37 0.47  
## [,2192] [,2193] [,2194] [,2195] [,2196] [,2197] [,2198] [,2199]  
## Rings 15.000 14.000 6.00 13.000 5.000 11.00 10.000 6.00  
## Diameter 0.495 0.485 0.17 0.325 0.215 0.28 0.305 0.19  
## [,2200] [,2201] [,2202] [,2203] [,2204] [,2205] [,2206] [,2207]  
## Rings 21.00 13.000 25.00 19.000 18.00 7.000 6.00 5.000  
## Diameter 0.55 0.515 0.49 0.405 0.48 0.345 0.22 0.225  
## [,2208] [,2209] [,2210] [,2211] [,2212] [,2213] [,2214] [,2215]  
## Rings 8.00 16.000 27.000 18.000 17.00 13.000 17.00 8.000  
## Diameter 0.34 0.525 0.465 0.505 0.47 0.495 0.51 0.325  
## [,2216] [,2217] [,2218] [,2219] [,2220] [,2221] [,2222] [,2223]  
## Rings 10.00 7.00 13.000 14.00 13.000 8.00 17.000 13.000  
## Diameter 0.35 0.26 0.415 0.39 0.375 0.46 0.465 0.525  
## [,2224] [,2225] [,2226] [,2227] [,2228] [,2229] [,2230] [,2231]  
## Rings 14.000 9.000 13.000 7.00 7.0 12.00 7.00 13.00  
## Diameter 0.455 0.425 0.475 0.28 0.2 0.39 0.28 0.43  
## [,2232] [,2233] [,2234] [,2235] [,2236] [,2237] [,2238] [,2239]  
## Rings 9.0 9.000 17.000 14.00 13.00 15.000 17.000 8.000  
## Diameter 0.4 0.445 0.475 0.45 0.48 0.435 0.465 0.335  
## [,2240] [,2241] [,2242] [,2243] [,2244] [,2245] [,2246] [,2247]  
## Rings 8.00 12.000 11.00 7.00 10.00 11.00 9.000 10.000  
## Diameter 0.36 0.315 0.32 0.38 0.36 0.28 0.375 0.325  
## [,2248] [,2249] [,2250] [,2251] [,2252] [,2253] [,2254] [,2255]  
## Rings 9.000 6.00 12.000 11.00 13.000 14.00 11.0 14.000  
## Diameter 0.365 0.27 0.455 0.59 0.485 0.46 0.5 0.495  
## [,2256] [,2257] [,2258] [,2259] [,2260] [,2261] [,2262] [,2263]  
## Rings 12.000 8.00 13.000 8.000 13.000 10.00 11.00 17.000  
## Diameter 0.395 0.38 0.415 0.335 0.465 0.46 0.43 0.455  
## [,2264] [,2265] [,2266] [,2267] [,2268] [,2269] [,2270] [,2271]  
## Rings 13.00 14.00 13.000 14.00 15.00 13.000 12.00 18.000  
## Diameter 0.51 0.45 0.575 0.51 0.48 0.445 0.45 0.475  
## [,2272] [,2273] [,2274] [,2275] [,2276] [,2277] [,2278] [,2279]  
## Rings 14.00 15.00 13.00 15.00 20.000 14.00 19.000 9.000  
## Diameter 0.41 0.51 0.52 0.57 0.525 0.48 0.475 0.405  
## [,2280] [,2281] [,2282] [,2283] [,2284] [,2285] [,2286] [,2287]  
## Rings 10.000 9.000 8.000 10.000 7.000 9.000 9.00 9.000  
## Diameter 0.405 0.375 0.415 0.385 0.345 0.315 0.33 0.395  
## [,2288] [,2289] [,2290] [,2291] [,2292] [,2293] [,2294] [,2295]  
## Rings 7.000 6.000 10.000 6.00 10.000 9.0 6.00 12.000  
## Diameter 0.305 0.265 0.475 0.27 0.375 0.3 0.26 0.425  
## [,2296] [,2297] [,2298] [,2299] [,2300] [,2301] [,2302] [,2303]  
## Rings 10.000 13.00 8.00 7.000 8.000 10.000 10.000 9.000  
## Diameter 0.415 0.45 0.36 0.325 0.385 0.405 0.425 0.375  
## [,2304] [,2305] [,2306] [,2307] [,2308] [,2309] [,2310] [,2311]  
## Rings 11.000 11.00 23.000 12.0 16.000 11.000 13.000 13.00  
## Diameter 0.455 0.49 0.415 0.5 0.375 0.355 0.375 0.35  
## [,2312] [,2313] [,2314] [,2315] [,2316] [,2317] [,2318] [,2319]  
## Rings 7.000 8.00 16.00 14.000 17.000 13.000 13.00 12.000  
## Diameter 0.265 0.24 0.47 0.475 0.435 0.435 0.42 0.385  
## [,2320] [,2321] [,2322] [,2323] [,2324] [,2325] [,2326] [,2327]  
## Rings 15.000 10.00 14.000 12.000 8.000 17.000 10.000 11.000  
## Diameter 0.395 0.31 0.395 0.435 0.325 0.535 0.305 0.345  
## [,2328] [,2329] [,2330] [,2331] [,2332] [,2333] [,2334] [,2335]  
## Rings 13.000 15.000 15.00 9.000 15.00 9.00 13.00 23.00  
## Diameter 0.395 0.425 0.39 0.345 0.46 0.42 0.55 0.63  
## [,2336] [,2337] [,2338] [,2339] [,2340] [,2341] [,2342] [,2343]  
## Rings 23.00 18.00 11.000 17.000 17.00 11.00 7.00 6.000  
## Diameter 0.49 0.48 0.455 0.485 0.52 0.47 0.24 0.185  
## [,2344] [,2345] [,2346] [,2347] [,2348] [,2349] [,2350] [,2351]  
## Rings 6.000 21.00 17.000 13.00 11.0 16.00 9.00 12.000  
## Diameter 0.125 0.55 0.565 0.43 0.4 0.43 0.36 0.435  
## [,2352] [,2353] [,2354] [,2355] [,2356] [,2357] [,2358] [,2359]  
## Rings 19.000 18.00 17.00 11.000 13.00 13.00 17.000 20.000  
## Diameter 0.475 0.53 0.56 0.495 0.44 0.47 0.455 0.485  
## [,2360] [,2361] [,2362] [,2363] [,2364] [,2365] [,2366] [,2367]  
## Rings 13.000 11.00 12.00 18.000 18.000 15.00 12.000 19.00  
## Diameter 0.525 0.44 0.45 0.525 0.475 0.47 0.505 0.57  
## [,2368] [,2369] [,2370] [,2371] [,2372] [,2373] [,2374] [,2375]  
## Rings 15.000 16.000 12.00 8.000 3.000 12.000 12.000 12.000  
## Diameter 0.545 0.595 0.44 0.325 0.125 0.325 0.405 0.335  
## [,2376] [,2377] [,2378] [,2379] [,2380] [,2381] [,2382] [,2383]  
## Rings 10.000 8.00 12.00 12.000 10.000 5.000 5.000 11.00  
## Diameter 0.275 0.34 0.41 0.325 0.265 0.135 0.115 0.43  
## [,2384] [,2385] [,2386] [,2387] [,2388] [,2389] [,2390] [,2391]  
## Rings 16.00 11.000 12.000 14.000 11.00 10.000 11.00 16.00  
## Diameter 0.39 0.345 0.345 0.365 0.35 0.375 0.34 0.35  
## [,2392] [,2393] [,2394] [,2395] [,2396] [,2397] [,2398] [,2399]  
## Rings 10.00 10.00 7.00 14.00 14.000 14.000 17.000 14.000  
## Diameter 0.29 0.25 0.22 0.46 0.475 0.465 0.505 0.385  
## [,2400] [,2401] [,2402] [,2403] [,2404] [,2405] [,2406] [,2407]  
## Rings 17.00 13.00 12.000 16.000 10.000 15.000 15.000 10.00  
## Diameter 0.43 0.33 0.415 0.355 0.225 0.455 0.515 0.46  
## [,2408] [,2409] [,2410] [,2411] [,2412] [,2413] [,2414] [,2415]  
## Rings 12.00 15.000 8.0 10.000 9.000 7.000 12.00 9.000  
## Diameter 0.43 0.485 0.5 0.375 0.395 0.245 0.38 0.305  
## [,2416] [,2417] [,2418] [,2419] [,2420] [,2421] [,2422] [,2423]  
## Rings 10.000 18.000 11.000 18.00 10.00 13.000 15.000 12.000  
## Diameter 0.315 0.315 0.235 0.35 0.36 0.255 0.415 0.365  
## [,2424] [,2425] [,2426] [,2427] [,2428] [,2429] [,2430] [,2431]  
## Rings 10.000 6.0 13.00 14.000 6.00 10.000 9.000 11.00  
## Diameter 0.315 0.2 0.45 0.435 0.19 0.385 0.255 0.38  
## [,2432] [,2433] [,2434] [,2435] [,2436] [,2437] [,2438] [,2439]  
## Rings 18.0 11.000 16.000 16.0 14.00 23.0 9.00 16.0  
## Diameter 0.5 0.485 0.515 0.5 0.38 0.4 0.24 0.4  
## [,2440] [,2441] [,2442] [,2443] [,2444] [,2445] [,2446] [,2447]  
## Rings 9.000 13.000 10.000 9.000 11.000 9.000 12.00 14.000  
## Diameter 0.255 0.355 0.415 0.355 0.335 0.355 0.38 0.435  
## [,2448] [,2449] [,2450] [,2451] [,2452] [,2453] [,2454] [,2455]  
## Rings 6.000 7.000 9.000 10.00 10.00 9.000 8.0 5.0  
## Diameter 0.205 0.265 0.285 0.33 0.26 0.305 0.2 0.2  
## [,2456] [,2457] [,2458] [,2459] [,2460] [,2461] [,2462] [,2463]  
## Rings 6.00 5.00 5.000 4.000 20.00 14.00 13.000 8.000  
## Diameter 0.17 0.18 0.185 0.145 0.47 0.35 0.385 0.325  
## [,2464] [,2465] [,2466] [,2467] [,2468] [,2469] [,2470] [,2471]  
## Rings 17.000 11.000 11.00 9.000 16.000 8.000 13.000 11.000  
## Diameter 0.405 0.405 0.39 0.325 0.415 0.275 0.415 0.475  
## [,2472] [,2473] [,2474] [,2475] [,2476] [,2477] [,2478] [,2479]  
## Rings 20.00 14.000 14.00 14.00 12.000 18.000 13.00 8.000  
## Diameter 0.44 0.515 0.47 0.49 0.455 0.485 0.42 0.355  
## [,2480] [,2481] [,2482] [,2483] [,2484] [,2485] [,2486] [,2487]  
## Rings 14.00 13.000 8.000 12.0 14.000 14.00 8.00 13.0  
## Diameter 0.44 0.425 0.285 0.4 0.415 0.36 0.26 0.4  
## [,2488] [,2489] [,2490] [,2491] [,2492] [,2493] [,2494] [,2495]  
## Rings 11.00 14.000 15.00 7.000 10.000 11.00 8.00 9.000  
## Diameter 0.51 0.385 0.39 0.325 0.395 0.38 0.31 0.305  
## [,2496] [,2497] [,2498] [,2499] [,2500] [,2501] [,2502] [,2503]  
## Rings 12.00 15.0 12.0 15.0 19.00 12.00 9.00 5.00  
## Diameter 0.36 0.4 0.4 0.4 0.41 0.39 0.26 0.21  
## [,2504] [,2505] [,2506] [,2507] [,2508] [,2509] [,2510] [,2511]  
## Rings 6.00 6.00 6.000 7.0 7.000 6.000 6.000 8.00  
## Diameter 0.23 0.24 0.255 0.3 0.325 0.315 0.315 0.32  
## [,2512] [,2513] [,2514] [,2515] [,2516] [,2517] [,2518] [,2519]  
## Rings 6.00 8.000 8.00 8.00 8.000 10.000 7.00 8.0  
## Diameter 0.31 0.375 0.35 0.37 0.375 0.365 0.37 0.4  
## [,2520] [,2521] [,2522] [,2523] [,2524] [,2525] [,2526] [,2527]  
## Rings 7.00 9.000 9.00 11.00 9.00 11.00 9.000 9.00  
## Diameter 0.39 0.425 0.42 0.45 0.44 0.46 0.455 0.48  
## [,2528] [,2529] [,2530] [,2531] [,2532] [,2533] [,2534] [,2535]  
## Rings 10.00 9.000 8.0 9.000 10.000 10.00 10.0 12.000  
## Diameter 0.49 0.475 0.5 0.485 0.475 0.49 0.5 0.585  
## [,2536] [,2537] [,2538] [,2539] [,2540] [,2541] [,2542] [,2543]  
## Rings 11.0 12.000 11.000 15.000 13.000 13.00 9.00 14.00  
## Diameter 0.5 0.545 0.525 0.535 0.555 0.55 0.55 0.53  
## [,2544] [,2545] [,2546] [,2547] [,2548] [,2549] [,2550] [,2551]  
## Rings 10.000 10.00 4.00 4.00 5.00 4.000 5.00 5.00  
## Diameter 0.525 0.57 0.15 0.17 0.18 0.195 0.21 0.22  
## [,2552] [,2553] [,2554] [,2555] [,2556] [,2557] [,2558] [,2559]  
## Rings 6.00 6.000 7.000 7.000 6.00 6.000 7.000 6.00  
## Diameter 0.22 0.225 0.235 0.265 0.29 0.285 0.295 0.31  
## [,2560] [,2561] [,2562] [,2563] [,2564] [,2565] [,2566] [,2567]  
## Rings 7.000 7.000 6.000 6.000 7.000 6.00 8.00 7.00  
## Diameter 0.325 0.335 0.345 0.325 0.355 0.35 0.35 0.35  
## [,2568] [,2569] [,2570] [,2571] [,2572] [,2573] [,2574] [,2575]  
## Rings 6.00 7.000 6.000 7.000 9.00 7.000 8.000 8.00  
## Diameter 0.35 0.345 0.345 0.355 0.34 0.385 0.355 0.37  
## [,2576] [,2577] [,2578] [,2579] [,2580] [,2581] [,2582] [,2583]  
## Rings 7.000 7.00 7.000 9.000 7.000 8.000 6.00 6.00  
## Diameter 0.375 0.38 0.385 0.395 0.415 0.425 0.42 0.41  
## [,2584] [,2585] [,2586] [,2587] [,2588] [,2589] [,2590] [,2591]  
## Rings 8.000 9.000 8.000 7.000 9.000 8.000 7.00 8.000  
## Diameter 0.405 0.435 0.425 0.425 0.445 0.435 0.45 0.445  
## [,2592] [,2593] [,2594] [,2595] [,2596] [,2597] [,2598] [,2599]  
## Rings 8.00 7.000 9.00 9.000 11.000 8.00 8.00 9.00  
## Diameter 0.45 0.465 0.47 0.465 0.465 0.46 0.46 0.46  
## [,2600] [,2601] [,2602] [,2603] [,2604] [,2605] [,2606] [,2607]  
## Rings 8.00 10.000 10.0 8.00 9.00 10.000 9.000 10.00  
## Diameter 0.48 0.485 0.5 0.47 0.51 0.485 0.475 0.48  
## [,2608] [,2609] [,2610] [,2611] [,2612] [,2613] [,2614] [,2615]  
## Rings 9.00 8.00 11.000 9.000 8.00 11.000 11.000 9.00  
## Diameter 0.49 0.49 0.495 0.495 0.48 0.495 0.495 0.49  
## [,2616] [,2617] [,2618] [,2619] [,2620] [,2621] [,2622] [,2623]  
## Rings 12.0 9.0 9.00 13.000 8.00 10.00 12.000 13.000  
## Diameter 0.5 0.5 0.52 0.545 0.54 0.55 0.525 0.575  
## [,2624] [,2625] [,2626] [,2627] [,2628] [,2629] [,2630] [,2631]  
## Rings 10.00 12.000 10.0 4.00 5.000 5.00 6.00 6.000  
## Diameter 0.56 0.585 0.6 0.16 0.205 0.21 0.24 0.285  
## [,2632] [,2633] [,2634] [,2635] [,2636] [,2637] [,2638] [,2639]  
## Rings 6.00 8.000 6.00 7.00 7.00 7.00 7.000 7.000  
## Diameter 0.29 0.315 0.33 0.34 0.32 0.34 0.335 0.345  
## [,2640] [,2641] [,2642] [,2643] [,2644] [,2645] [,2646] [,2647]  
## Rings 6.00 7.000 7.000 7.000 8.000 8.000 8.00 7.00  
## Diameter 0.37 0.355 0.365 0.375 0.375 0.375 0.38 0.38  
## [,2648] [,2649] [,2650] [,2651] [,2652] [,2653] [,2654] [,2655]  
## Rings 8.00 9.00 7.0 8.000 8.000 9.0 9.000 9.00  
## Diameter 0.39 0.38 0.4 0.395 0.385 0.4 0.395 0.43  
## [,2656] [,2657] [,2658] [,2659] [,2660] [,2661] [,2662] [,2663]  
## Rings 7.00 7.00 9.0 8.00 8.00 8.000 9.00 9.00  
## Diameter 0.42 0.42 0.4 0.42 0.44 0.425 0.43 0.45  
## [,2664] [,2665] [,2666] [,2667] [,2668] [,2669] [,2670] [,2671]  
## Rings 9.00 9.00 8.00 8.000 7.00 8.000 8.00 9.00  
## Diameter 0.45 0.43 0.48 0.455 0.45 0.435 0.47 0.46  
## [,2672] [,2673] [,2674] [,2675] [,2676] [,2677] [,2678] [,2679]  
## Rings 8.00 8.000 9.00 9.00 10.00 10.00 9.000 7.00  
## Diameter 0.46 0.465 0.47 0.46 0.49 0.48 0.475 0.45  
## [,2680] [,2681] [,2682] [,2683] [,2684] [,2685] [,2686] [,2687]  
## Rings 9.00 10.000 9.00 10.00 11.000 9.00 10.00 11.000  
## Diameter 0.47 0.475 0.49 0.48 0.495 0.49 0.48 0.505  
## [,2688] [,2689] [,2690] [,2691] [,2692] [,2693] [,2694] [,2695]  
## Rings 10.00 8.000 9.000 9.00 9.00 9.000 9.00 10.000  
## Diameter 0.51 0.465 0.515 0.48 0.52 0.515 0.52 0.535  
## [,2696] [,2697] [,2698] [,2699] [,2700] [,2701] [,2702] [,2703]  
## Rings 9.00 9.00 10.000 9.000 11.0 13.00 13.00 11.00  
## Diameter 0.51 0.49 0.515 0.505 0.5 0.51 0.55 0.52  
## [,2704] [,2705] [,2706] [,2707] [,2708] [,2709] [,2710] [,2711]  
## Rings 11.00 10.000 13.00 11.00 9.00 11.00 12.000 11.000  
## Diameter 0.53 0.525 0.55 0.53 0.55 0.57 0.575 0.555  
## [,2712] [,2713] [,2714] [,2715] [,2716] [,2717] [,2718] [,2719]  
## Rings 3.00 4.00 4.000 5.000 6.00 6.000 6.000 7.000  
## Diameter 0.14 0.15 0.175 0.215 0.25 0.245 0.255 0.255  
## [,2720] [,2721] [,2722] [,2723] [,2724] [,2725] [,2726] [,2727]  
## Rings 5.00 7.000 8.00 7.000 7.0 8.000 8.00 7.000  
## Diameter 0.26 0.275 0.29 0.275 0.3 0.285 0.32 0.305  
## [,2728] [,2729] [,2730] [,2731] [,2732] [,2733] [,2734] [,2735]  
## Rings 7.000 8.00 7.000 6.0 8.000 8.000 7.000 8.000  
## Diameter 0.305 0.31 0.305 0.3 0.315 0.325 0.335 0.325  
## [,2736] [,2737] [,2738] [,2739] [,2740] [,2741] [,2742] [,2743]  
## Rings 8.000 7.00 9.00 8.000 7.000 8.00 8.00 8.000  
## Diameter 0.315 0.34 0.36 0.325 0.335 0.34 0.35 0.345  
## [,2744] [,2745] [,2746] [,2747] [,2748] [,2749] [,2750] [,2751]  
## Rings 7.000 11.000 8.00 8.000 10.000 9.000 9.00 8.000  
## Diameter 0.355 0.375 0.38 0.365 0.365 0.385 0.38 0.385  
## [,2752] [,2753] [,2754] [,2755] [,2756] [,2757] [,2758] [,2759]  
## Rings 9.000 7.00 8.00 8.000 10.000 8.0 9.000 10.00  
## Diameter 0.395 0.41 0.39 0.385 0.415 0.4 0.375 0.43  
## [,2760] [,2761] [,2762] [,2763] [,2764] [,2765] [,2766] [,2767]  
## Rings 8.00 10.00 10.000 9.00 10.000 9.000 11.000 8.000  
## Diameter 0.44 0.43 0.425 0.42 0.425 0.465 0.435 0.445  
## [,2768] [,2769] [,2770] [,2771] [,2772] [,2773] [,2774] [,2775]  
## Rings 10.00 11.000 11.00 10.000 9.000 10.00 11.000 9.000  
## Diameter 0.44 0.435 0.43 0.445 0.435 0.44 0.465 0.425  
## [,2776] [,2777] [,2778] [,2779] [,2780] [,2781] [,2782] [,2783]  
## Rings 10.00 10.000 9.00 8.000 9.00 10.000 10.000 8.00  
## Diameter 0.46 0.465 0.42 0.455 0.47 0.475 0.475 0.48  
## [,2784] [,2785] [,2786] [,2787] [,2788] [,2789] [,2790] [,2791]  
## Rings 11.000 9.00 9.00 10.00 11.00 10.00 9.000 10.00  
## Diameter 0.495 0.45 0.51 0.48 0.45 0.46 0.465 0.48  
## [,2792] [,2793] [,2794] [,2795] [,2796] [,2797] [,2798] [,2799]  
## Rings 10.0 10.00 12.000 10.000 12.00 10.000 11.000 10.000  
## Diameter 0.5 0.49 0.505 0.475 0.47 0.525 0.505 0.485  
## [,2800] [,2801] [,2802] [,2803] [,2804] [,2805] [,2806] [,2807]  
## Rings 10.000 11.000 10.000 9.00 12.00 9.000 11.000 9.000  
## Diameter 0.495 0.495 0.515 0.52 0.51 0.505 0.525 0.525  
## [,2808] [,2809] [,2810] [,2811] [,2812] [,2813] [,2814] [,2815]  
## Rings 13.00 9.00 11.000 10.00 9.00 5.00 4.000 4.0  
## Diameter 0.54 0.54 0.565 0.55 0.57 0.17 0.195 0.2  
## [,2816] [,2817] [,2818] [,2819] [,2820] [,2821] [,2822] [,2823]  
## Rings 7.000 6.00 7.000 8.00 5.000 6.000 7.00 7.000  
## Diameter 0.235 0.24 0.225 0.27 0.265 0.285 0.29 0.335  
## [,2824] [,2825] [,2826] [,2827] [,2828] [,2829] [,2830] [,2831]  
## Rings 7.00 7.000 8.000 9.000 8.000 9.0 7.000 9.00  
## Diameter 0.35 0.365 0.375 0.365 0.375 0.4 0.395 0.43  
## [,2832] [,2833] [,2834] [,2835] [,2836] [,2837] [,2838] [,2839]  
## Rings 7.000 9.00 9.000 8.000 8.00 9.000 8.000 9.00  
## Diameter 0.405 0.42 0.415 0.425 0.42 0.445 0.445 0.47  
## [,2840] [,2841] [,2842] [,2843] [,2844] [,2845] [,2846] [,2847]  
## Rings 10.000 9.000 9.000 9.000 10.00 10.000 10.00 10.000  
## Diameter 0.455 0.485 0.435 0.475 0.45 0.475 0.48 0.475  
## [,2848] [,2849] [,2850] [,2851] [,2852] [,2853] [,2854] [,2855]  
## Rings 8.0 9.000 10.00 10.000 12.00 9.00 8.00 11.000  
## Diameter 0.5 0.485 0.49 0.485 0.51 0.49 0.49 0.525  
## [,2856] [,2857] [,2858] [,2859] [,2860] [,2861] [,2862] [,2863]  
## Rings 11.000 11.000 11.000 11.00 11.000 10.00 12.000 10.00  
## Diameter 0.515 0.515 0.515 0.54 0.565 0.55 0.565 0.57  
## [,2864] [,2865] [,2866] [,2867] [,2868] [,2869] [,2870] [,2871]  
## Rings 11.000 6.00 4.000 5.000 6.00 7.00 5.00 7.00  
## Diameter 0.595 0.23 0.235 0.205 0.25 0.26 0.28 0.27  
## [,2872] [,2873] [,2874] [,2875] [,2876] [,2877] [,2878] [,2879]  
## Rings 7.00 8.000 6.000 8.00 7.000 7.00 9.00 8.00  
## Diameter 0.28 0.315 0.305 0.34 0.335 0.31 0.36 0.35  
## [,2880] [,2881] [,2882] [,2883] [,2884] [,2885] [,2886] [,2887]  
## Rings 8.000 8.000 8.000 9.00 8.00 9.000 8.0 8.000  
## Diameter 0.385 0.375 0.375 0.39 0.37 0.425 0.4 0.365  
## [,2888] [,2889] [,2890] [,2891] [,2892] [,2893] [,2894] [,2895]  
## Rings 9.0 8.0 8.0 8.000 8.00 10.000 8.000 11.000  
## Diameter 0.4 0.4 0.4 0.465 0.38 0.405 0.445 0.425  
## [,2896] [,2897] [,2898] [,2899] [,2900] [,2901] [,2902] [,2903]  
## Rings 10.000 8.00 10.00 8.000 8.000 9.000 8.00 9.000  
## Diameter 0.415 0.43 0.43 0.435 0.425 0.435 0.43 0.435  
## [,2904] [,2905] [,2906] [,2907] [,2908] [,2909] [,2910] [,2911]  
## Rings 8.000 9.000 8.00 8.000 10.00 9.00 9.00 11.000  
## Diameter 0.425 0.455 0.45 0.465 0.46 0.45 0.45 0.445  
## [,2912] [,2913] [,2914] [,2915] [,2916] [,2917] [,2918] [,2919]  
## Rings 11.00 9.00 9.0 9.00 10.000 10.00 10.00 9.000  
## Diameter 0.44 0.45 0.5 0.46 0.475 0.47 0.46 0.445  
## [,2920] [,2921] [,2922] [,2923] [,2924] [,2925] [,2926] [,2927]  
## Rings 10.00 10.00 9.00 11.000 13.000 9.00 10.00 11.000  
## Diameter 0.48 0.45 0.45 0.465 0.495 0.49 0.48 0.425  
## [,2928] [,2929] [,2930] [,2931] [,2932] [,2933] [,2934] [,2935]  
## Rings 12.00 11.00 11.00 11.000 9.000 10.000 10.000 9.000  
## Diameter 0.47 0.48 0.49 0.475 0.515 0.455 0.495 0.475  
## [,2936] [,2937] [,2938] [,2939] [,2940] [,2941] [,2942] [,2943]  
## Rings 10.000 11.000 10.000 11.0 10.00 10.00 10.00 9.00  
## Diameter 0.475 0.495 0.515 0.5 0.49 0.49 0.48 0.53  
## [,2944] [,2945] [,2946] [,2947] [,2948] [,2949] [,2950] [,2951]  
## Rings 10.000 7.00 11.000 11.00 10.000 8.0 11.000 11.000  
## Diameter 0.485 0.51 0.485 0.52 0.485 0.5 0.515 0.505  
## [,2952] [,2953] [,2954] [,2955] [,2956] [,2957] [,2958] [,2959]  
## Rings 11.000 12.000 11.00 12.000 15.00 12.000 11.0 12.000  
## Diameter 0.575 0.485 0.52 0.495 0.52 0.565 0.5 0.515  
## [,2960] [,2961] [,2962] [,2963] [,2964] [,2965] [,2966] [,2967]  
## Rings 13.000 10.000 10.00 9.000 12.000 9.000 9.000 10.00  
## Diameter 0.525 0.525 0.51 0.485 0.525 0.525 0.525 0.54  
## [,2968] [,2969] [,2970] [,2971] [,2972] [,2973] [,2974] [,2975]  
## Rings 11.000 12.000 10.000 13.000 11.00 13.00 12.00 12.000  
## Diameter 0.515 0.505 0.505 0.515 0.55 0.58 0.59 0.575  
## [,2976] [,2977] [,2978] [,2979] [,2980] [,2981] [,2982] [,2983]  
## Rings 6.000 8.000 6.00 8.000 8.000 7.00 8.00 9.00  
## Diameter 0.215 0.345 0.33 0.365 0.355 0.37 0.38 0.37  
## [,2984] [,2985] [,2986] [,2987] [,2988] [,2989] [,2990] [,2991]  
## Rings 8.00 10.0 8.0 13.000 10.000 9.000 9.000 9.00  
## Diameter 0.41 0.4 0.4 0.405 0.405 0.425 0.425 0.44  
## [,2992] [,2993] [,2994] [,2995] [,2996] [,2997] [,2998] [,2999]  
## Rings 8.000 8.00 11.00 9.000 9.000 10.0 9.00 9.00  
## Diameter 0.485 0.43 0.43 0.475 0.485 0.5 0.49 0.51  
## [,3000] [,3001] [,3002] [,3003] [,3004] [,3005] [,3006] [,3007]  
## Rings 11.000 9.000 11.000 10.000 10.000 11.000 13.00 11.000  
## Diameter 0.525 0.485 0.495 0.505 0.505 0.515 0.54 0.545  
## [,3008] [,3009] [,3010] [,3011] [,3012] [,3013] [,3014] [,3015]  
## Rings 14.000 12.000 4.000 6.00 8.000 7.0 8.00 6.0  
## Diameter 0.585 0.615 0.185 0.26 0.285 0.3 0.28 0.3  
## [,3016] [,3017] [,3018] [,3019] [,3020] [,3021] [,3022] [,3023]  
## Rings 6.00 7.000 8.000 9.00 8.00 8.00 9.000 8.00  
## Diameter 0.32 0.335 0.325 0.32 0.33 0.34 0.355 0.37  
## [,3024] [,3025] [,3026] [,3027] [,3028] [,3029] [,3030] [,3031]  
## Rings 8.000 9.000 7.00 8.000 8.00 7.000 11.00 11.000  
## Diameter 0.375 0.375 0.33 0.375 0.38 0.385 0.41 0.395  
## [,3032] [,3033] [,3034] [,3035] [,3036] [,3037] [,3038] [,3039]  
## Rings 8.0 9.00 8.00 10.00 10.000 11.000 9.00 9.00  
## Diameter 0.4 0.42 0.41 0.42 0.405 0.445 0.45 0.44  
## [,3040] [,3041] [,3042] [,3043] [,3044] [,3045] [,3046] [,3047]  
## Rings 10.00 10.00 9.00 8.00 10.000 9.000 10.000 11.00  
## Diameter 0.45 0.47 0.47 0.43 0.445 0.445 0.435 0.45  
## [,3048] [,3049] [,3050] [,3051] [,3052] [,3053] [,3054] [,3055]  
## Rings 9.000 8.00 9.000 12.00 9.00 9.00 11.00 12.00  
## Diameter 0.435 0.47 0.405 0.47 0.48 0.46 0.45 0.45  
## [,3056] [,3057] [,3058] [,3059] [,3060] [,3061] [,3062] [,3063]  
## Rings 11.000 11.000 13.00 11.000 11.000 11.000 10.000 11.000  
## Diameter 0.495 0.485 0.49 0.475 0.515 0.515 0.495 0.505  
## [,3064] [,3065] [,3066] [,3067] [,3068] [,3069] [,3070] [,3071]  
## Rings 9.00 9.0 11.000 9.0 11.000 12.00 11.00 9.00  
## Diameter 0.49 0.5 0.485 0.5 0.505 0.51 0.54 0.49  
## [,3072] [,3073] [,3074] [,3075] [,3076] [,3077] [,3078] [,3079]  
## Rings 11.000 10.00 10.000 11.00 11.00 11.00 10.00 11.000  
## Diameter 0.455 0.53 0.525 0.52 0.52 0.56 0.51 0.535  
## [,3080] [,3081] [,3082] [,3083] [,3084] [,3085] [,3086] [,3087]  
## Rings 11.000 13.00 14.00 11.000 4.00 5.00 6.000 7.00  
## Diameter 0.555 0.56 0.55 0.575 0.17 0.17 0.185 0.27  
## [,3088] [,3089] [,3090] [,3091] [,3092] [,3093] [,3094] [,3095]  
## Rings 7.00 8.00 8.00 10.000 10.00 11.000 11.00 9.0  
## Diameter 0.31 0.32 0.35 0.355 0.38 0.395 0.43 0.4  
## [,3096] [,3097] [,3098] [,3099] [,3100] [,3101] [,3102] [,3103]  
## Rings 9.000 9.000 11.000 8.00 9.00 10.00 11.000 8.000  
## Diameter 0.415 0.395 0.435 0.43 0.48 0.43 0.455 0.465  
## [,3104] [,3105] [,3106] [,3107] [,3108] [,3109] [,3110] [,3111]  
## Rings 11.0 10.000 5.000 5.00 5.000 7.000 7.00 8.0  
## Diameter 0.5 0.525 0.215 0.22 0.275 0.285 0.29 0.3  
## [,3112] [,3113] [,3114] [,3115] [,3116] [,3117] [,3118] [,3119]  
## Rings 8.000 7.00 7.000 7.00 6.00 10.000 8.00 8.000  
## Diameter 0.325 0.32 0.325 0.34 0.34 0.405 0.36 0.415  
## [,3120] [,3121] [,3122] [,3123] [,3124] [,3125] [,3126] [,3127]  
## Rings 10.0 9.0 7.000 8.00 9.00 10.00 10.00 11.000  
## Diameter 0.4 0.4 0.425 0.42 0.45 0.45 0.46 0.495  
## [,3128] [,3129] [,3130] [,3131] [,3132] [,3133] [,3134] [,3135]  
## Rings 9.000 10.000 10.00 11.000 11.000 10.00 9.00 8.00  
## Diameter 0.485 0.495 0.49 0.515 0.505 0.53 0.39 0.36  
## [,3136] [,3137] [,3138] [,3139] [,3140] [,3141] [,3142] [,3143]  
## Rings 9.00 11.00 10.00 10.0 11.00 20.000 5.000 5.000  
## Diameter 0.35 0.42 0.36 0.4 0.26 0.425 0.135 0.165  
## [,3144] [,3145] [,3146] [,3147] [,3148] [,3149] [,3150] [,3151]  
## Rings 4.00 9.00 13.00 14.00 13.0 12.00 24.00 10.000  
## Diameter 0.15 0.48 0.42 0.45 0.5 0.53 0.54 0.505  
## [,3152] [,3153] [,3154] [,3155] [,3156] [,3157] [,3158] [,3159]  
## Rings 21.0 11.000 9.000 7.00 9.000 10.00 9.00 9.000  
## Diameter 0.5 0.375 0.335 0.41 0.395 0.44 0.35 0.435  
## [,3160] [,3161] [,3162] [,3163] [,3164] [,3165] [,3166] [,3167]  
## Rings 6.000 7.0 6.00 15.00 9.00 13.000 9.00 18.00  
## Diameter 0.255 0.2 0.22 0.49 0.44 0.475 0.41 0.54  
## [,3168] [,3169] [,3170] [,3171] [,3172] [,3173] [,3174] [,3175]  
## Rings 15.00 15.00 10.00 14.000 13.000 11.000 6.000 9.000  
## Diameter 0.49 0.47 0.45 0.465 0.405 0.405 0.265 0.355  
## [,3176] [,3177] [,3178] [,3179] [,3180] [,3181] [,3182] [,3183]  
## Rings 11.000 12.00 15.00 8.0 8.000 7.000 11.000 10.000  
## Diameter 0.405 0.38 0.41 0.3 0.195 0.295 0.385 0.505  
## [,3184] [,3185] [,3186] [,3187] [,3188] [,3189] [,3190] [,3191]  
## Rings 11.00 13.000 11.000 6.00 8.000 16.000 7.000 5.000  
## Diameter 0.44 0.545 0.415 0.36 0.385 0.575 0.405 0.145  
## [,3192] [,3193] [,3194] [,3195] [,3196] [,3197] [,3198] [,3199]  
## Rings 13.000 14.000 20.000 12.00 18.000 5.000 7.000 11.000  
## Diameter 0.515 0.405 0.435 0.47 0.405 0.245 0.235 0.335  
## [,3200] [,3201] [,3202] [,3203] [,3204] [,3205] [,3206] [,3207]  
## Rings 9.00 10.000 6.0 17.000 17.000 15.00 9.000 8.000  
## Diameter 0.38 0.405 0.3 0.485 0.505 0.53 0.265 0.215  
## [,3208] [,3209] [,3210] [,3211] [,3212] [,3213] [,3214] [,3215]  
## Rings 15.00 9.00 14.00 12.00 10.00 14.00 13.00 14.000  
## Diameter 0.38 0.25 0.34 0.45 0.48 0.46 0.42 0.495  
## [,3216] [,3217] [,3218] [,3219] [,3220] [,3221] [,3222] [,3223]  
## Rings 11.000 16.00 10.00 14.000 16.000 11.0 9.000 18.000  
## Diameter 0.485 0.51 0.34 0.505 0.525 0.4 0.305 0.435  
## [,3224] [,3225] [,3226] [,3227] [,3228] [,3229] [,3230] [,3231]  
## Rings 8.000 16.000 9.00 10.00 13.00 9.000 12.000 11.000  
## Diameter 0.415 0.525 0.35 0.32 0.35 0.325 0.505 0.455  
## [,3232] [,3233] [,3234] [,3235] [,3236] [,3237] [,3238] [,3239]  
## Rings 12.000 13.00 12.00 13.000 14.000 8.000 18.00 14.00  
## Diameter 0.325 0.41 0.48 0.485 0.535 0.285 0.51 0.53  
## [,3240] [,3241] [,3242] [,3243] [,3244] [,3245] [,3246] [,3247]  
## Rings 15.00 15.000 14.000 15.00 14.00 19.000 13.00 13.000  
## Diameter 0.54 0.435 0.525 0.48 0.51 0.555 0.55 0.435  
## [,3248] [,3249] [,3250] [,3251] [,3252] [,3253] [,3254] [,3255]  
## Rings 15.000 11.0 6.00 9.00 8.000 12.00 6.00 7.00  
## Diameter 0.495 0.5 0.24 0.35 0.375 0.38 0.35 0.35  
## [,3256] [,3257] [,3258] [,3259] [,3260] [,3261] [,3262] [,3263]  
## Rings 5.00 12.00 9.000 7.000 18.000 13.000 12.00 14.000  
## Diameter 0.23 0.48 0.385 0.375 0.505 0.435 0.52 0.485  
## [,3264] [,3265] [,3266] [,3267] [,3268] [,3269] [,3270] [,3271]  
## Rings 17.00 12.0 14.00 11.000 10.000 11.00 12.000 13.000  
## Diameter 0.45 0.5 0.38 0.385 0.335 0.31 0.465 0.475  
## [,3272] [,3273] [,3274] [,3275] [,3276] [,3277] [,3278] [,3279]  
## Rings 17.000 11.00 13.000 18.000 12.000 12.000 15.00 12.000  
## Diameter 0.425 0.36 0.375 0.405 0.355 0.385 0.39 0.415  
## [,3280] [,3281] [,3282] [,3283] [,3284] [,3285] [,3286] [,3287]  
## Rings 18.00 24.00 11.00 13.000 11.000 11.00 13.00 14.00  
## Diameter 0.53 0.54 0.45 0.475 0.475 0.44 0.57 0.51  
## [,3288] [,3289] [,3290] [,3291] [,3292] [,3293] [,3294] [,3295]  
## Rings 12.00 15.000 15.00 12.000 9.000 11.000 13.000 14.0  
## Diameter 0.46 0.475 0.42 0.395 0.405 0.375 0.455 0.5  
## [,3296] [,3297] [,3298] [,3299] [,3300] [,3301] [,3302] [,3303]  
## Rings 14.00 14.000 17.0 13.0 16.000 16.0 11.000 15.000  
## Diameter 0.45 0.485 0.5 0.5 0.485 0.5 0.525 0.575  
## [,3304] [,3305] [,3306] [,3307] [,3308] [,3309] [,3310] [,3311]  
## Rings 12.00 16.000 16.000 10.0 9.000 5.0 9.000 13.000  
## Diameter 0.45 0.435 0.445 0.3 0.325 0.2 0.355 0.485  
## [,3312] [,3313] [,3314] [,3315] [,3316] [,3317] [,3318] [,3319]  
## Rings 12.00 17.00 11.00 11.000 9.00 16.00 7.0 4.000  
## Diameter 0.38 0.41 0.31 0.355 0.26 0.35 0.2 0.125  
## [,3320] [,3321] [,3322] [,3323] [,3324] [,3325] [,3326] [,3327]  
## Rings 19.000 16.000 11.000 15.00 12.0 12.00 10.000 12.000  
## Diameter 0.555 0.425 0.385 0.37 0.3 0.28 0.265 0.415  
## [,3328] [,3329] [,3330] [,3331] [,3332] [,3333] [,3334] [,3335]  
## Rings 16.00 13.000 10.000 10.000 11.00 13.00 12.00 8.0  
## Diameter 0.48 0.475 0.435 0.305 0.34 0.34 0.36 0.3  
## [,3336] [,3337] [,3338] [,3339] [,3340] [,3341] [,3342] [,3343]  
## Rings 12.000 11.00 15.000 16.000 12.000 17.000 12.00 14.00  
## Diameter 0.325 0.35 0.525 0.525 0.475 0.435 0.39 0.33  
## [,3344] [,3345] [,3346] [,3347] [,3348] [,3349] [,3350] [,3351]  
## Rings 13.000 13.00 12.00 14.0 11.00 13.000 10.000 11.000  
## Diameter 0.365 0.38 0.38 0.4 0.32 0.385 0.375 0.345  
## [,3352] [,3353] [,3354] [,3355] [,3356] [,3357] [,3358] [,3359]  
## Rings 13.00 15.000 8.000 10.00 10.00 6.0 8.000 5.000  
## Diameter 0.38 0.405 0.365 0.36 0.34 0.3 0.285 0.215  
## [,3360] [,3361] [,3362] [,3363] [,3364] [,3365] [,3366] [,3367]  
## Rings 20.000 19.00 9.000 9.0 10.000 11.000 11.00 5.00  
## Diameter 0.445 0.44 0.315 0.3 0.405 0.245 0.31 0.21  
## [,3368] [,3369] [,3370] [,3371] [,3372] [,3373] [,3374] [,3375]  
## Rings 17.000 13.00 17.00 12.000 10.000 16.00 19.000 10.000  
## Diameter 0.465 0.48 0.46 0.345 0.235 0.33 0.405 0.375  
## [,3376] [,3377] [,3378] [,3379] [,3380] [,3381] [,3382] [,3383]  
## Rings 10.00 6.000 5.00 8.000 8.00 5.00 19.000 15.0  
## Diameter 0.33 0.235 0.19 0.255 0.21 0.13 0.435 0.4  
## [,3384] [,3385] [,3386] [,3387] [,3388] [,3389] [,3390] [,3391]  
## Rings 14.000 7.000 13.00 13.0 18.00 13.000 16.000 10.00  
## Diameter 0.375 0.225 0.35 0.4 0.41 0.535 0.465 0.44  
## [,3392] [,3393] [,3394] [,3395] [,3396] [,3397] [,3398] [,3399]  
## Rings 13.00 19.000 10.000 13.00 13.00 18.000 12.000 9.000  
## Diameter 0.42 0.515 0.435 0.48 0.45 0.475 0.375 0.285  
## [,3400] [,3401] [,3402] [,3403] [,3404] [,3405] [,3406] [,3407]  
## Rings 8.00 10.00 18.000 13.000 9.000 8.00 7.00 8.00  
## Diameter 0.35 0.43 0.395 0.345 0.265 0.28 0.25 0.28  
## [,3408] [,3409] [,3410] [,3411] [,3412] [,3413] [,3414] [,3415]  
## Rings 6.000 7.000 7.00 6.00 7.00 8.000 9.000 7.00  
## Diameter 0.265 0.315 0.31 0.31 0.32 0.355 0.395 0.37  
## [,3416] [,3417] [,3418] [,3419] [,3420] [,3421] [,3422] [,3423]  
## Rings 9.000 7.00 9.00 8.00 8.00 10.000 11.000 9.00  
## Diameter 0.465 0.45 0.46 0.48 0.47 0.475 0.475 0.47  
## [,3424] [,3425] [,3426] [,3427] [,3428] [,3429] [,3430] [,3431]  
## Rings 11.000 10.00 10.000 13.00 13.000 4.00 6.00 6.00  
## Diameter 0.475 0.51 0.545 0.55 0.605 0.18 0.21 0.24  
## [,3432] [,3433] [,3434] [,3435] [,3436] [,3437] [,3438] [,3439]  
## Rings 5.000 6.00 6.00 6.00 7.000 6.000 8.0 6.000  
## Diameter 0.265 0.27 0.27 0.28 0.285 0.275 0.3 0.335  
## [,3440] [,3441] [,3442] [,3443] [,3444] [,3445] [,3446] [,3447]  
## Rings 8.00 7.00 7.000 8.00 7.00 9.0 8.0 8.000  
## Diameter 0.35 0.37 0.355 0.37 0.37 0.4 0.4 0.385  
## [,3448] [,3449] [,3450] [,3451] [,3452] [,3453] [,3454] [,3455]  
## Rings 8.00 7.00 7.000 7.00 8.00 8.00 8.00 8.00  
## Diameter 0.39 0.39 0.395 0.44 0.44 0.44 0.42 0.46  
## [,3456] [,3457] [,3458] [,3459] [,3460] [,3461] [,3462] [,3463]  
## Rings 9.000 12.00 10.000 8.00 8.000 9.000 11.000 10.00  
## Diameter 0.475 0.48 0.495 0.47 0.505 0.485 0.495 0.47  
## [,3464] [,3465] [,3466] [,3467] [,3468] [,3469] [,3470] [,3471]  
## Rings 11.000 10.000 9.00 9.0 10.000 11.00 10.000 11.000  
## Diameter 0.485 0.495 0.48 0.5 0.525 0.52 0.585 0.565  
## [,3472] [,3473] [,3474] [,3475] [,3476] [,3477] [,3478] [,3479]  
## Rings 9.00 3.00 4.00 6.000 6.000 7.00 6.0 7.000  
## Diameter 0.58 0.12 0.15 0.265 0.315 0.29 0.3 0.335  
## [,3480] [,3481] [,3482] [,3483] [,3484] [,3485] [,3486] [,3487]  
## Rings 7.00 8.00 6.000 7.000 7.000 8.00 7.00 8.000  
## Diameter 0.33 0.34 0.345 0.355 0.355 0.42 0.37 0.475  
## [,3488] [,3489] [,3490] [,3491] [,3492] [,3493] [,3494] [,3495]  
## Rings 8.000 8.00 8.00 10.00 8.00 8.00 8.00 9.00  
## Diameter 0.405 0.38 0.42 0.42 0.44 0.44 0.44 0.43  
## [,3496] [,3497] [,3498] [,3499] [,3500] [,3501] [,3502] [,3503]  
## Rings 8.000 8.00 9.00 10.00 9.00 8.00 12.000 10.00  
## Diameter 0.415 0.44 0.45 0.46 0.47 0.41 0.475 0.47  
## [,3504] [,3505] [,3506] [,3507] [,3508] [,3509] [,3510] [,3511]  
## Rings 11.00 10.00 10.000 9.00 11.0 9.000 10.00 9.000  
## Diameter 0.49 0.51 0.495 0.47 0.5 0.475 0.52 0.505  
## [,3512] [,3513] [,3514] [,3515] [,3516] [,3517] [,3518] [,3519]  
## Rings 11.00 11.00 9.0 10.000 12.000 11.000 11.00 11.00  
## Diameter 0.52 0.54 0.5 0.525 0.525 0.575 0.56 0.57  
## [,3520] [,3521] [,3522] [,3523] [,3524] [,3525] [,3526] [,3527]  
## Rings 10.000 11.000 3.00 4.000 4.000 6.00 6.00 6.00  
## Diameter 0.545 0.545 0.15 0.185 0.205 0.24 0.23 0.26  
## [,3528] [,3529] [,3530] [,3531] [,3532] [,3533] [,3534] [,3535]  
## Rings 7.00 6.000 6.000 7.000 7.000 7.000 6.00 6.000  
## Diameter 0.26 0.265 0.265 0.265 0.275 0.285 0.31 0.315  
## [,3536] [,3537] [,3538] [,3539] [,3540] [,3541] [,3542] [,3543]  
## Rings 9.000 8.000 6.000 7.000 8.00 8.000 8.00 8.000  
## Diameter 0.265 0.325 0.325 0.335 0.34 0.355 0.35 0.435  
## [,3544] [,3545] [,3546] [,3547] [,3548] [,3549] [,3550] [,3551]  
## Rings 8.00 9.000 8.00 7.00 9.000 7.00 9.000 8.00  
## Diameter 0.34 0.355 0.36 0.35 0.355 0.37 0.365 0.39  
## [,3552] [,3553] [,3554] [,3555] [,3556] [,3557] [,3558] [,3559]  
## Rings 9.0 8.00 9.000 8.00 8.000 9.00 8.00 10.000  
## Diameter 0.4 0.39 0.405 0.42 0.415 0.41 0.41 0.425  
## [,3560] [,3561] [,3562] [,3563] [,3564] [,3565] [,3566] [,3567]  
## Rings 10.00 10.00 9.00 8.00 8.000 9.00 9.000 9.00  
## Diameter 0.45 0.47 0.42 0.42 0.455 0.44 0.475 0.45  
## [,3568] [,3569] [,3570] [,3571] [,3572] [,3573] [,3574] [,3575]  
## Rings 10.00 10.00 11.00 9.00 9.000 9.00 10.000 9.00  
## Diameter 0.46 0.46 0.47 0.47 0.465 0.46 0.465 0.47  
## [,3576] [,3577] [,3578] [,3579] [,3580] [,3581] [,3582] [,3583]  
## Rings 8.00 11.000 11.000 10.000 9.000 10.00 9.00 10.000  
## Diameter 0.47 0.475 0.475 0.475 0.485 0.48 0.48 0.475  
## [,3584] [,3585] [,3586] [,3587] [,3588] [,3589] [,3590] [,3591]  
## Rings 9.0 11.00 9.000 11.000 10.000 12.000 11.000 11.00  
## Diameter 0.5 0.49 0.485 0.465 0.495 0.515 0.515 0.52  
## [,3592] [,3593] [,3594] [,3595] [,3596] [,3597] [,3598] [,3599]  
## Rings 9.000 11.000 8.00 12.0 11.000 10.000 11.00 12.00  
## Diameter 0.475 0.525 0.53 0.5 0.515 0.515 0.53 0.52  
## [,3600] [,3601] [,3602] [,3603] [,3604] [,3605] [,3606] [,3607]  
## Rings 12.000 4.000 8.000 5.0 7.000 8.00 8.000 7.000  
## Diameter 0.555 0.125 0.285 0.3 0.325 0.37 0.375 0.375  
## [,3608] [,3609] [,3610] [,3611] [,3612] [,3613] [,3614] [,3615]  
## Rings 8.00 7.00 9.000 9.00 10.000 10.00 11.00 11.000  
## Diameter 0.39 0.43 0.405 0.45 0.465 0.46 0.49 0.475  
## [,3616] [,3617] [,3618] [,3619] [,3620] [,3621] [,3622] [,3623]  
## Rings 9.000 14.000 9.00 11.000 12.0 9.0 8.000 10.000  
## Diameter 0.475 0.495 0.46 0.515 0.5 0.5 0.455 0.505  
## [,3624] [,3625] [,3626] [,3627] [,3628] [,3629] [,3630] [,3631]  
## Rings 10.00 9.0 10.000 10.00 10.000 13.000 6.000 7.000  
## Diameter 0.53 0.5 0.525 0.53 0.525 0.565 0.205 0.225  
## [,3632] [,3633] [,3634] [,3635] [,3636] [,3637] [,3638] [,3639]  
## Rings 5.00 5.000 5.00 6.000 6.000 8.00 6.000 8.00  
## Diameter 0.22 0.225 0.22 0.265 0.275 0.29 0.325 0.34  
## [,3640] [,3641] [,3642] [,3643] [,3644] [,3645] [,3646] [,3647]  
## Rings 8.00 7.000 9.00 8.000 8.000 7.000 9.000 9.00  
## Diameter 0.32 0.345 0.37 0.355 0.345 0.365 0.335 0.35  
## [,3648] [,3649] [,3650] [,3651] [,3652] [,3653] [,3654] [,3655]  
## Rings 8.000 9.00 9.000 8.000 10.000 10.000 9.000 9.00  
## Diameter 0.365 0.39 0.405 0.415 0.405 0.425 0.425 0.42  
## [,3656] [,3657] [,3658] [,3659] [,3660] [,3661] [,3662] [,3663]  
## Rings 9.00 11.000 7.000 10.00 9.00 10.00 10.000 8.00  
## Diameter 0.41 0.395 0.405 0.45 0.41 0.41 0.415 0.45  
## [,3664] [,3665] [,3666] [,3667] [,3668] [,3669] [,3670] [,3671]  
## Rings 9.0 9.00 9.00 8.00 11.00 10.000 9.00 8.000  
## Diameter 0.4 0.43 0.45 0.44 0.42 0.465 0.46 0.465  
## [,3672] [,3673] [,3674] [,3675] [,3676] [,3677] [,3678] [,3679]  
## Rings 10.00 10.00 10.00 12.00 10.00 10.0 11.00 10.00  
## Diameter 0.47 0.44 0.46 0.45 0.47 0.5 0.49 0.49  
## [,3680] [,3681] [,3682] [,3683] [,3684] [,3685] [,3686] [,3687]  
## Rings 10.00 9.000 11.00 11.0 10.000 11.00 10.00 14.000  
## Diameter 0.45 0.495 0.47 0.5 0.525 0.47 0.48 0.485  
## [,3688] [,3689] [,3690] [,3691] [,3692] [,3693] [,3694] [,3695]  
## Rings 11.000 11.00 9.000 13.0 12.00 11.00 11.000 10.000  
## Diameter 0.485 0.49 0.505 0.5 0.51 0.52 0.495 0.495  
## [,3696] [,3697] [,3698] [,3699] [,3700] [,3701] [,3702] [,3703]  
## Rings 10.00 13.000 12.00 10.00 11.000 10.00 10.00 11.00  
## Diameter 0.52 0.525 0.51 0.51 0.525 0.53 0.51 0.54  
## [,3704] [,3705] [,3706] [,3707] [,3708] [,3709] [,3710] [,3711]  
## Rings 11.00 11.00 9.00 11.000 11.00 9.00 10.00 11.000  
## Diameter 0.51 0.54 0.54 0.535 0.51 0.53 0.55 0.535  
## [,3712] [,3713] [,3714] [,3715] [,3716] [,3717] [,3718] [,3719]  
## Rings 11.00 10.00 11.000 11.00 11.0 5.00 7.00 7.00  
## Diameter 0.55 0.53 0.555 0.56 0.6 0.13 0.25 0.25  
## [,3720] [,3721] [,3722] [,3723] [,3724] [,3725] [,3726] [,3727]  
## Rings 7.00 7.00 9.00 9.00 9.000 7.000 9.000 8.000  
## Diameter 0.28 0.32 0.31 0.36 0.355 0.365 0.375 0.395  
## [,3728] [,3729] [,3730] [,3731] [,3732] [,3733] [,3734] [,3735]  
## Rings 7.0 10.000 9.00 9.00 9.000 10.00 10.000 10.000  
## Diameter 0.4 0.375 0.38 0.37 0.415 0.42 0.455 0.505  
## [,3736] [,3737] [,3738] [,3739] [,3740] [,3741] [,3742] [,3743]  
## Rings 9.000 10.00 9.00 9.000 9.000 11.0 12.000 13.000  
## Diameter 0.475 0.48 0.47 0.505 0.525 0.5 0.525 0.525  
## [,3744] [,3745] [,3746] [,3747] [,3748] [,3749] [,3750] [,3751]  
## Rings 12.000 5.000 5.000 7.000 6.00 6.000 7.00 8.000  
## Diameter 0.555 0.205 0.205 0.265 0.29 0.315 0.33 0.375  
## [,3752] [,3753] [,3754] [,3755] [,3756] [,3757] [,3758] [,3759]  
## Rings 7.000 8.000 8.00 8.00 8.000 9.00 10.00 9.0  
## Diameter 0.335 0.355 0.36 0.37 0.395 0.39 0.41 0.4  
## [,3760] [,3761] [,3762] [,3763] [,3764] [,3765] [,3766] [,3767]  
## Rings 9.000 9.000 10.00 8.000 11.00 10.0 9.00 10.00  
## Diameter 0.425 0.425 0.42 0.395 0.41 0.4 0.45 0.44  
## [,3768] [,3769] [,3770] [,3771] [,3772] [,3773] [,3774] [,3775]  
## Rings 10.00 9.000 9.00 9.00 10.00 9.000 9.00 9.00  
## Diameter 0.46 0.465 0.43 0.43 0.45 0.465 0.46 0.42  
## [,3776] [,3777] [,3778] [,3779] [,3780] [,3781] [,3782] [,3783]  
## Rings 8.00 13.00 9.00 9.00 10.00 10.00 10.000 11.0  
## Diameter 0.45 0.42 0.47 0.45 0.48 0.48 0.455 0.5  
## [,3784] [,3785] [,3786] [,3787] [,3788] [,3789] [,3790] [,3791]  
## Rings 12.00 11.00 9.000 10.0 12.00 8.000 10.00 10.000  
## Diameter 0.48 0.48 0.495 0.5 0.49 0.475 0.51 0.505  
## [,3792] [,3793] [,3794] [,3795] [,3796] [,3797] [,3798] [,3799]  
## Rings 11.000 13.00 14.000 10.00 12.00 11.00 13.00 10.000  
## Diameter 0.495 0.52 0.525 0.52 0.54 0.54 0.58 0.535  
## [,3800] [,3801] [,3802] [,3803] [,3804] [,3805] [,3806] [,3807]  
## Rings 11.00 12.00 3.000 6.00 7.00 7.00 9.000 8.00  
## Diameter 0.56 0.58 0.155 0.23 0.23 0.27 0.305 0.31  
## [,3808] [,3809] [,3810] [,3811] [,3812] [,3813] [,3814] [,3815]  
## Rings 8.000 10.000 8.000 8.0 9.000 12.00 8.00 6.000  
## Diameter 0.365 0.385 0.375 0.4 0.445 0.49 0.26 0.275  
## [,3816] [,3817] [,3818] [,3819] [,3820] [,3821] [,3822] [,3823]  
## Rings 8.00 8.000 8.000 9.000 8.00 10.00 10.00 9.00  
## Diameter 0.34 0.355 0.385 0.445 0.45 0.44 0.46 0.48  
## [,3824] [,3825] [,3826] [,3827] [,3828] [,3829] [,3830] [,3831]  
## Rings 9.000 7.00 11.00 10.00 11.00 11.00 12.000 14.000  
## Diameter 0.455 0.46 0.47 0.52 0.54 0.52 0.555 0.385  
## [,3832] [,3833] [,3834] [,3835] [,3836] [,3837] [,3838] [,3839]  
## Rings 10.00 14.000 11.00 6.00 7.00 9.000 4.000 8.00  
## Diameter 0.42 0.365 0.41 0.26 0.35 0.325 0.105 0.25  
## [,3840] [,3841] [,3842] [,3843] [,3844] [,3845] [,3846] [,3847]  
## Rings 8.000 9.00 11.00 9.000 16.00 14.00 11.00 6.000  
## Diameter 0.425 0.41 0.42 0.475 0.45 0.45 0.35 0.275  
## [,3848] [,3849] [,3850] [,3851] [,3852] [,3853] [,3854] [,3855]  
## Rings 9.00 14.000 6.0 7.000 10.00 12.00 9.000 11.0  
## Diameter 0.37 0.535 0.3 0.295 0.44 0.41 0.465 0.4  
## [,3856] [,3857] [,3858] [,3859] [,3860] [,3861] [,3862] [,3863]  
## Rings 8.000 9.000 16.000 12.00 9.00 14.000 14.000 10.00  
## Diameter 0.335 0.255 0.515 0.45 0.44 0.465 0.475 0.37  
## [,3864] [,3865] [,3866] [,3867] [,3868] [,3869] [,3870] [,3871]  
## Rings 18.0 5.000 19.000 10.00 15.00 8.00 9.000 15.00  
## Diameter 0.5 0.235 0.395 0.43 0.39 0.34 0.385 0.44  
## [,3872] [,3873] [,3874] [,3875] [,3876] [,3877] [,3878] [,3879]  
## Rings 12.00 9.0 5.00 12.00 9.000 16.00 15.0 10.000  
## Diameter 0.36 0.4 0.25 0.41 0.225 0.45 0.5 0.355  
## [,3880] [,3881] [,3882] [,3883] [,3884] [,3885] [,3886] [,3887]  
## Rings 15.00 7.0 10.000 15.000 10.000 9.000 7.00 7.000  
## Diameter 0.49 0.3 0.455 0.545 0.425 0.225 0.33 0.375  
## [,3888] [,3889] [,3890] [,3891] [,3892] [,3893] [,3894] [,3895]  
## Rings 9.00 12.00 12.0 16.0 12.00 13.0 9.000 12.00  
## Diameter 0.44 0.45 0.5 0.4 0.46 0.4 0.355 0.38  
## [,3896] [,3897] [,3898] [,3899] [,3900] [,3901] [,3902] [,3903]  
## Rings 13.0 14.000 17.0 10.00 4.000 15.000 12.00 4.00  
## Diameter 0.5 0.575 0.5 0.46 0.105 0.345 0.43 0.12  
## [,3904] [,3905] [,3906] [,3907] [,3908] [,3909] [,3910] [,3911]  
## Rings 16.00 16.00 6.00 4.00 13.00 9.000 10.000 13.000  
## Diameter 0.48 0.47 0.27 0.18 0.39 0.365 0.375 0.355  
## [,3912] [,3913] [,3914] [,3915] [,3916] [,3917] [,3918] [,3919]  
## Rings 10.00 15.000 11.0 19.00 11.000 10.00 13.00 18.00  
## Diameter 0.27 0.405 0.4 0.39 0.445 0.41 0.46 0.49  
## [,3920] [,3921] [,3922] [,3923] [,3924] [,3925] [,3926] [,3927]  
## Rings 11.00 8.00 10.00 10.0 12.00 20.0 8.00 14.00  
## Diameter 0.43 0.23 0.28 0.4 0.28 0.4 0.35 0.42  
## [,3928] [,3929] [,3930] [,3931] [,3932] [,3933] [,3934] [,3935]  
## Rings 12.00 10.00 16.000 21.000 17.00 11.00 6.00 5.000  
## Diameter 0.38 0.55 0.515 0.535 0.44 0.37 0.18 0.175  
## [,3936] [,3937] [,3938] [,3939] [,3940] [,3941] [,3942] [,3943]  
## Rings 11.00 13.0 13.000 10.000 14.00 11.00 15.00 11.0  
## Diameter 0.41 0.4 0.425 0.275 0.42 0.39 0.44 0.4  
## [,3944] [,3945] [,3946] [,3947] [,3948] [,3949] [,3950] [,3951]  
## Rings 14.00 20.00 6.000 13.00 16.000 12.0 13.000 13.000  
## Diameter 0.45 0.44 0.175 0.41 0.365 0.4 0.415 0.425  
## [,3952] [,3953] [,3954] [,3955] [,3956] [,3957] [,3958] [,3959]  
## Rings 13.00 5.000 8.000 7.000 9.000 12.000 10.00 9.0  
## Diameter 0.39 0.235 0.355 0.385 0.385 0.395 0.44 0.5  
## [,3960] [,3961] [,3962] [,3963] [,3964] [,3965] [,3966] [,3967]  
## Rings 11.00 11.00 10.00 10.000 4.000 5.00 6.00 6.00  
## Diameter 0.55 0.55 0.55 0.575 0.205 0.19 0.22 0.22  
## [,3968] [,3969] [,3970] [,3971] [,3972] [,3973] [,3974] [,3975]  
## Rings 6.00 6.00 6.0 6.000 6.000 8.000 7.00 8.00  
## Diameter 0.23 0.29 0.3 0.285 0.295 0.315 0.33 0.32  
## [,3976] [,3977] [,3978] [,3979] [,3980] [,3981] [,3982] [,3983]  
## Rings 6.00 7.00 7.00 8.00 6.000 7.00 8.000 6.000  
## Diameter 0.33 0.35 0.35 0.39 0.375 0.41 0.455 0.435  
## [,3984] [,3985] [,3986] [,3987] [,3988] [,3989] [,3990] [,3991]  
## Rings 6.00 10.000 11.00 10.000 11.000 8.000 11.00 10.00  
## Diameter 0.45 0.465 0.48 0.525 0.545 0.515 0.52 0.51  
## [,3992] [,3993] [,3994] [,3995] [,3996] [,3997] [,3998] [,3999]  
## Rings 9.00 10.0 12.0 4.000 5.000 6.00 6.00 6.00  
## Diameter 0.51 0.6 0.6 0.135 0.175 0.23 0.27 0.28  
## [,4000] [,4001] [,4002] [,4003] [,4004] [,4005] [,4006] [,4007]  
## Rings 6.00 7.00 6.00 8.000 8.00 10.000 9.00 9.000  
## Diameter 0.31 0.35 0.35 0.375 0.39 0.395 0.43 0.465  
## [,4008] [,4009] [,4010] [,4011] [,4012] [,4013] [,4014] [,4015]  
## Rings 11.00 12.000 8.00 9.000 9.00 8.000 8.000 10.00  
## Diameter 0.46 0.455 0.49 0.475 0.53 0.465 0.505 0.48  
## [,4016] [,4017] [,4018] [,4019] [,4020] [,4021] [,4022] [,4023]  
## Rings 10.00 9.000 11.000 8.000 10.000 11.00 10.00 11.000  
## Diameter 0.48 0.525 0.505 0.485 0.515 0.55 0.58 0.545  
## [,4024] [,4025] [,4026] [,4027] [,4028] [,4029] [,4030] [,4031]  
## Rings 6.0 6.000 7.00 7.00 6.00 8.00 7.000 7.000  
## Diameter 0.2 0.245 0.26 0.28 0.27 0.31 0.335 0.325  
## [,4032] [,4033] [,4034] [,4035] [,4036] [,4037] [,4038] [,4039]  
## Rings 8.000 8.000 10.000 7.000 11.00 8.00 10.000 11.000  
## Diameter 0.325 0.365 0.385 0.405 0.41 0.42 0.415 0.445  
## [,4040] [,4041] [,4042] [,4043] [,4044] [,4045] [,4046] [,4047]  
## Rings 11.00 12.00 10.00 10.00 8.00 10.000 9.00 11.00  
## Diameter 0.44 0.45 0.45 0.46 0.46 0.425 0.45 0.46  
## [,4048] [,4049] [,4050] [,4051] [,4052] [,4053] [,4054] [,4055]  
## Rings 11.000 13.000 9.000 9.000 10.0 13.00 10.000 10.0  
## Diameter 0.485 0.495 0.495 0.495 0.5 0.47 0.485 0.5  
## [,4056] [,4057] [,4058] [,4059] [,4060] [,4061] [,4062] [,4063]  
## Rings 9.0 11.00 11.000 10.00 8.00 8.000 10.000 9.00  
## Diameter 0.5 0.51 0.535 0.56 0.39 0.405 0.465 0.49  
## [,4064] [,4065] [,4066] [,4067] [,4068] [,4069] [,4070] [,4071]  
## Rings 11.000 9.00 6.000 7.00 6.0 7.000 8.000 7.000  
## Diameter 0.515 0.49 0.275 0.31 0.3 0.305 0.335 0.335  
## [,4072] [,4073] [,4074] [,4075] [,4076] [,4077] [,4078] [,4079]  
## Rings 8.000 8.00 9.000 8.0 8.00 8.00 9.000 10.00  
## Diameter 0.375 0.36 0.395 0.4 0.45 0.43 0.435 0.43  
## [,4080] [,4081] [,4082] [,4083] [,4084] [,4085] [,4086] [,4087]  
## Rings 8.000 8.00 11.00 9.000 10.000 10.00 11.00 8.00  
## Diameter 0.385 0.43 0.45 0.465 0.445 0.48 0.51 0.45  
## [,4088] [,4089] [,4090] [,4091] [,4092] [,4093] [,4094] [,4095]  
## Rings 10.000 9.00 9.000 11.000 12.0 11.00 11.000 13.00  
## Diameter 0.475 0.47 0.365 0.475 0.5 0.49 0.485 0.53  
## [,4096] [,4097] [,4098] [,4099] [,4100] [,4101] [,4102] [,4103]  
## Rings 11.000 12.0 9.0 9.000 9.000 9.00 11.00 11.000  
## Diameter 0.485 0.5 0.5 0.495 0.525 0.52 0.51 0.545  
## [,4104] [,4105] [,4106] [,4107] [,4108] [,4109] [,4110] [,4111]  
## Rings 10.000 11.000 9.000 11.00 7.000 7.00 8.000 9.00  
## Diameter 0.545 0.545 0.565 0.59 0.305 0.35 0.365 0.41  
## [,4112] [,4113] [,4114] [,4115] [,4116] [,4117] [,4118] [,4119]  
## Rings 8.0 9.00 8.00 9.00 10.000 9.00 9.000 9.000  
## Diameter 0.4 0.42 0.42 0.45 0.465 0.48 0.505 0.525  
## [,4120] [,4121] [,4122] [,4123] [,4124] [,4125] [,4126] [,4127]  
## Rings 4.000 7.000 9.00 8.000 8.000 8.000 9.000 11.00  
## Diameter 0.215 0.265 0.35 0.365 0.375 0.385 0.415 0.42  
## [,4128] [,4129] [,4130] [,4131] [,4132] [,4133] [,4134] [,4135]  
## Rings 10.000 8.000 10.000 10.00 11.000 10.00 11.00 9.000  
## Diameter 0.445 0.435 0.425 0.45 0.425 0.47 0.45 0.455  
## [,4136] [,4137] [,4138] [,4139] [,4140] [,4141] [,4142] [,4143]  
## Rings 11.0 9.000 11.000 11.00 10.000 10.000 11.000 13.000  
## Diameter 0.5 0.495 0.505 0.49 0.495 0.535 0.505 0.525  
## [,4144] [,4145] [,4146] [,4147] [,4148] [,4149] [,4150] [,4151]  
## Rings 13.0 11.000 11.000 10.00 11.00 11.000 6.000 7.00  
## Diameter 0.5 0.535 0.525 0.53 0.55 0.605 0.215 0.23  
## [,4152] [,4153] [,4154] [,4155] [,4156] [,4157] [,4158] [,4159]  
## Rings 6.00 7.00 8.000 6.00 6.00 8.00 8.00 8.000  
## Diameter 0.25 0.28 0.315 0.33 0.35 0.37 0.36 0.355  
## [,4160] [,4161] [,4162] [,4163] [,4164] [,4165] [,4166] [,4167]  
## Rings 9.00 11.000 11.000 8.000 7.00 7.00 7.0 10.000  
## Diameter 0.44 0.475 0.455 0.255 0.31 0.29 0.3 0.365  
## [,4168] [,4169] [,4170] [,4171] [,4172] [,4173] [,4174] [,4175]  
## Rings 9.00 8.0 10.000 10.00 8.00 11.00 10.00 9.000  
## Diameter 0.38 0.4 0.385 0.43 0.43 0.45 0.44 0.475  
## [,4176] [,4177]  
## Rings 10.000 12.000  
## Diameter 0.485 0.555

ginv(abalone.matrix) #inverse

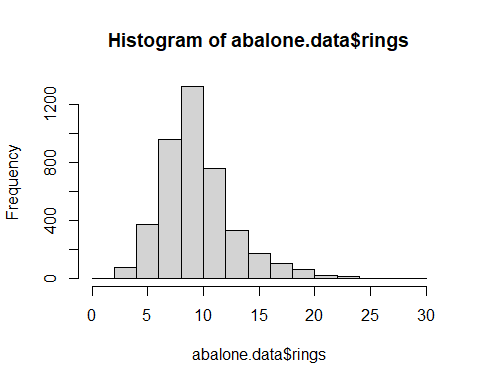
## [,1] [,2] [,3] [,4] [,5]  
## [1,] 0.0002052972 2.078056e-05 -3.611731e-05 4.044208e-05 2.870572e-05  
## [2,] -0.0044387789 -1.394633e-04 1.438761e-03 -4.762004e-04 -3.435443e-04  
## [,6] [,7] [,8] [,9] [,10]  
## [1,] 2.601354e-05 0.0003305266 0.0001907173 3.508475e-06 0.0002777427  
## [2,] -2.176955e-04 -0.0073809523 -0.0040068085 4.183558e-04 -0.0060782341  
## [,11] [,12] [,13] [,14] [,15]  
## [1,] 0.0001604385 5.232982e-05 6.152538e-05 8.741457e-06 4.836724e-05  
## [2,] -0.0033401417 -7.823219e-04 -9.625946e-04 3.401236e-04 -6.802814e-04  
## [,16] [,17] [,18] [,19] [,20]  
## [1,] 0.0000786461 8.892825e-06 6.025498e-05 -2.994911e-06 4.313426e-05  
## [2,] -0.0013469483 1.666582e-04 -9.864029e-04 4.727797e-04 -6.020492e-04  
## [,21] [,22] [,23] [,24] [,25]  
## [1,] 0.0001407769 0.0001117685 4.694547e-05 -3.215473e-05 -5.069722e-05  
## [2,] -0.0030034046 -0.0023129294 -5.306243e-04 1.336720e-03 1.870731e-03  
## [,26] [,27] [,28] [,29] [,30]  
## [1,] 1.397444e-05 6.049282e-06 4.298289e-05 0.0001181205 2.586217e-05  
## [2,] 2.618914e-04 4.659724e-04 -4.285838e-04 -0.0021938879 -4.423011e-05  
## [,31] [,32] [,33] [,34] [,35]  
## [1,] -4.277206e-05 5.075668e-05 0.0001774078 0.000190566 -7.260225e-06  
## [2,] 1.666650e-03 -4.591994e-04 -0.0035510299 -0.003833343 9.217510e-04  
## [,36] [,37] [,38] [,39] [,40]  
## [1,] -1.757482e-05 0.0001510915 -1.757482e-05 1.001186e-05 6.690973e-05  
## [2,] 9.047500e-04 -0.0029864036 9.047500e-04 3.639319e-04 -1.214292e-03  
## [,41] [,42] [,43] [,44] [,45]  
## [1,] 3.124652e-05 0.0001247753 2.616491e-05 0.0000459778 1.300677e-05  
## [2,] -2.959277e-04 -0.0024217772 -3.911610e-04 -0.0009013635 -1.088478e-04  
## [,46] [,47] [,48] [,49] [,50]  
## [1,] -2.994911e-06 3.508475e-06 -6.639617e-05 3.659843e-06 -4.007989e-05  
## [2,] 4.727797e-04 4.183558e-04 2.105428e-03 2.448903e-04 1.540801e-03  
## [,51] [,52] [,53] [,54] [,55]  
## [1,] -6.116318e-05 -0.0000228078 4.440466e-05 4.440466e-05 -1.488265e-05  
## [2,] 2.027195e-03 0.0009829821 -5.782409e-04 -5.782409e-04 7.789011e-04  
## [,56] [,57] [,58] [,59] [,60]  
## [1,] -5.323803e-05 -1.361224e-05 -4.135029e-05 -1.869386e-05 -8.620906e-05  
## [2,] 1.823114e-03 8.027095e-04 1.516993e-03 7.074762e-04 2.615630e-03  
## [,61] [,62] [,63] [,64] [,65]  
## [1,] -4.262069e-05 -2.422957e-05 4.778878e-06 -2.677038e-05 -5.323803e-05  
## [2,] 1.493185e-03 1.132639e-03 4.421641e-04 1.085023e-03 1.823114e-03  
## [,66] [,67] [,68] [,69] [,70]  
## [1,] -1.757482e-05 4.694547e-05 3.632814e-05 2.062919e-05 1.158500e-05  
## [2,] 9.047500e-04 -5.306243e-04 -2.006945e-04 3.400208e-05 4.080935e-05  
## [,71] [,72] [,73] [,74] [,75]  
## [1,] 9.180424e-05 1.016323e-05 0.0002829757 -1.772619e-05 7.199134e-05  
## [2,] -1.629261e-03 1.904665e-04 -0.0061564663 1.078215e-03 -1.119059e-03  
## [,76] [,77] [,78] [,79] [,80]  
## [1,] 0.0001181205 -7.970567e-05 -4.277206e-05 2.586217e-05 8.514948e-05  
## [2,] -0.0021938879 2.561206e-03 1.666650e-03 -4.423011e-05 -1.401372e-03  
## [,81] [,82] [,83] [,84] [,85]  
## [1,] -0.0000559302 -8.530628e-06 0.0001907173 0.0003159467 0.0001049624  
## [2,] 0.0019489633 8.979427e-04 -0.0040068085 -0.0069489820 -0.0019115747  
## [,86] [,87] [,88] [,89] [,90]  
## [1,] 2.713258e-05 6.010361e-05 -1.899659e-05 1.539621e-05 3.902031e-05  
## [2,] -2.042181e-05 -8.129375e-04 1.054407e-03 1.122343e-04 -3.265433e-04  
## [,91] [,92] [,93] [,94] [,95]  
## [1,] 0.0001577463 4.694547e-05 6.010361e-05 -6.258495e-05 5.075668e-05  
## [2,] -0.0032142929 -5.306243e-04 -8.129375e-04 2.176853e-03 -4.591994e-04  
## [,96] [,97] [,98] [,99] [,100]  
## [1,] 3.759854e-05 -4.800504e-05 -3.342513e-05 -6.243359e-05 3.251693e-05  
## [2,] -1.768862e-04 1.744882e-03 1.312912e-03 2.003387e-03 -2.721194e-04  
## [,101] [,102] [,103] [,104] [,105]  
## [1,] 2.078056e-05 0.0001498211 0.0001498211 0.0000008163 2.317000e-05  
## [2,] -1.394633e-04 -0.0030102119 -0.0030102119 0.0005442046 8.161869e-05  
## [,106] [,107] [,108] [,109] [,110]  
## [1,] 7.072094e-05 2.189960e-05 1.270404e-05 -1.234184e-05 -1.630442e-05  
## [2,] -1.142867e-03 5.781038e-05 2.380831e-04 8.265178e-04 9.285583e-04  
## [,111] [,112] [,113] [,114] [,115]  
## [1,] -1.630442e-05 1.143363e-05 4.313426e-05 1.935879e-05 3.774991e-05  
## [2,] 9.285583e-04 2.142748e-04 -6.020492e-04 1.019377e-05 -3.503516e-04  
## [,116] [,117] [,118] [,119] [,120]  
## [1,] 3.378733e-05 6.548796e-05 6.025498e-05 -4.404247e-05 2.205096e-05  
## [2,] -2.483111e-04 -1.064635e-03 -9.864029e-04 1.642842e-03 -1.156550e-04  
## [,121] [,122] [,123] [,124] [,125]  
## [1,] 7.471053e-06 -2.994911e-06 0.0001247753 -1.219047e-05 -2.407821e-05  
## [2,] 3.163153e-04 4.727797e-04 -0.0024217772 6.530523e-04 9.591738e-04  
## [,126] [,127] [,128] [,129] [,130]  
## [1,] 1.031460e-05 -2.011563e-05 0.0000339387 0.0002024537 0.0001655201  
## [2,] 1.700104e-05 8.571333e-04 -0.0004217765 -0.0041394646 -0.0032449084  
## [,131] [,132] [,133] [,134] [,135]  
## [1,] 0.000180100 1.935879e-05 2.474314e-05 2.474314e-05 7.229408e-05  
## [2,] -0.003676879 1.019377e-05 -2.415038e-04 -2.415038e-04 -1.465990e-03  
## [,136] [,137] [,138] [,139] [,140]  
## [1,] 2.238071e-06 4.851861e-05 9.464778e-05 3.917168e-05 7.087231e-05  
## [2,] 3.945475e-04 -8.537468e-04 -1.928576e-03 -5.000087e-04 -1.316333e-03  
## [,141] [,142] [,143] [,144] [,145]  
## [1,] -2.295917e-05 -2.692175e-05 0.0001154283 2.086704e-06 3.251693e-05  
## [2,] 1.156448e-03 1.258488e-03 -0.0020680391 5.680129e-04 -2.721194e-04  
## [,146] [,147] [,148] [,149] [,150]  
## [1,] 2.855435e-05 5.232982e-05 0.0001342736 6.182812e-05 2.885708e-05  
## [2,] -1.700789e-04 -7.823219e-04 -0.0029489807 -1.309525e-03 -5.170098e-04  
## [,151] [,152] [,153] [,154] [,155]  
## [1,] 0.0001181205 -9.951856e-05 -7.843527e-05 -0.0000546598 3.902031e-05  
## [2,] -0.0021938879 3.071409e-03 2.585015e-03 0.0019727716 -3.265433e-04  
## [,156] [,157] [,158] [,159] [,160]  
## [1,] 8.741457e-06 6.406619e-05 0.0001431664 6.802877e-05 6.406619e-05  
## [2,] 3.401236e-04 -9.149780e-04 -0.0027823226 -1.017018e-03 -9.149780e-04  
## [,161] [,162] [,163] [,164] [,165]  
## [1,] 6.010361e-05 4.425329e-05 1.128226e-05 0.0001496698 9.561545e-05  
## [2,] -8.129375e-04 -4.047755e-04 3.877402e-04 -0.0028367464 -1.557837e-03  
## [,166] [,167] [,168] [,169] [,170]  
## [1,] 9.860493e-06 0.0002037241 0.0002076867 1.778565e-05 -1.249321e-05  
## [2,] 5.373973e-04 -0.0041156563 -0.0042176968 3.333163e-04 9.999832e-04  
## [,171] [,172] [,173] [,174] [,175]  
## [1,] 2.571081e-05 -8.224648e-05 -8.097608e-05 -5.720061e-05 3.805265e-05  
## [2,] 1.292353e-04 2.513590e-03 2.537398e-03 1.925155e-03 -6.972825e-04  
## [,176] [,177] [,178] [,179] [,180]  
## [1,] 2.474314e-05 -1.573139e-06 0.0000696019 5.081614e-06 -1.376361e-05  
## [2,] -2.415038e-04 3.231225e-04 -0.0013401410 9.523323e-05 9.761749e-04  
## [,181] [,182] [,183] [,184] [,185]  
## [1,] 0.0000811869 0.0002882087 -2.692175e-05 -4.673464e-05 -8.530628e-06  
## [2,] -0.0012993317 -0.0062346985 1.258488e-03 1.768691e-03 8.979427e-04  
## [,186] [,187] [,188] [,189] [,190]  
## [1,] 4.029072e-05 1.524484e-05 -6.654753e-05 -1.772619e-05 -6.781794e-05  
## [2,] -3.027350e-04 2.856997e-04 2.278893e-03 1.078215e-03 2.255085e-03  
## [,191] [,192] [,193] [,194] [,195]  
## [1,] 4.821587e-05 1.128226e-05 0.0001049624 4.582643e-05 1.270404e-05  
## [2,] -5.068160e-04 3.877402e-04 -0.0019115747 -7.278980e-04 2.380831e-04  
## [,196] [,197] [,198] [,199] [,200]  
## [1,] 7.468352e-05 3.774991e-05 0.0001312787 0.0001379334 -3.484691e-05  
## [2,] -1.244908e-03 -3.503516e-04 -0.0024762011 -0.0027040904 1.462569e-03  
## [,201] [,202] [,203] [,204] [,205]  
## [1,] 2.332137e-05 0.0001116171 0.0000786461 8.387908e-05 -1.724507e-06  
## [2,] -9.184673e-05 -0.0021394640 -0.0013469483 -1.425180e-03 4.965880e-04  
## [,206] [,207] [,208] [,209] [,210]  
## [1,] 2.728395e-05 5.898457e-05 -5.687085e-06 9.972939e-05 8.892825e-06  
## [2,] -1.938872e-04 -1.010211e-03 5.986285e-04 -1.833342e-03 1.666582e-04  
## [,211] [,212] [,213] [,214] [,215]  
## [1,] 4.044208e-05 0.0000326683 0.0001380848 -2.422957e-05 0.0001485507  
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## [,216] [,217] [,218] [,219] [,220]  
## [1,] 8.741457e-06 -1.361224e-05 -6.957489e-06 4.440466e-05 2.205096e-05  
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## [,221] [,222] [,223] [,224] [,225]  
## [1,] 3.917168e-05 8.530085e-05 -4.541035e-07 8.133827e-05 2.855435e-05  
## [2,] -5.000087e-04 -1.574838e-03 5.203963e-04 -1.472797e-03 -1.700789e-04  
## [,226] [,227] [,228] [,229] [,230]  
## [1,] 3.508475e-06 9.676679e-07 1.681798e-05 -5.838453e-06 0.0001656715  
## [2,] 4.183558e-04 3.707392e-04 -3.742285e-05 7.720939e-04 -0.0034183739  
## [,231] [,232] [,233] [,234] [,235]  
## [1,] 7.595392e-05 0.0001128875 0.0003251423 6.040634e-05 0.0001182719  
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## [,236] [,237] [,238] [,239] [,240]  
## [1,] 0.0001184232 -1.061733e-05 1.966152e-05 2.758668e-05 6.975327e-05  
## [2,] -0.0025408187 3.299298e-04 -3.367371e-04 -5.408181e-04 -1.513606e-03  
## [,241] [,242] [,243] [,244] [,245]  
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## [,246] [,247] [,248] [,249] [,250]  
## [1,] 0.0001236562 0.0002344571 7.879747e-05 3.663087e-05 1.681798e-05  
## [2,] -0.0026190509 -0.0053027195 -1.520414e-03 -5.476253e-04 -3.742285e-05  
## [,251] [,252] [,253] [,254] [,255]  
## [1,] 0.0000326683 5.614103e-05 3.505773e-05 0.0001300082 0.0001022702  
## [2,] -0.0004455848 -7.108970e-04 -2.245028e-04 -0.0025000094 -0.0017857259  
## [,256] [,257] [,258] [,259] [,260]  
## [1,] 0.0001379334 0.0002698175 -3.484691e-05 9.434504e-05 5.217845e-05  
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## [,261] [,262] [,263] [,264] [,265]  
## [1,] -1.376361e-05 4.694547e-05 2.982475e-05 -2.265643e-05 3.932305e-05  
## [2,] 9.761749e-04 -5.306243e-04 -1.462706e-04 8.095167e-04 -6.734741e-04  
## [,266] [,267] [,268] [,269] [,270]  
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## [,271] [,272] [,273] [,274] [,275]  
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## [2,] -0.0067210927 -0.0024762011 -1.197291e-03 -1.581645e-03 2.074675e-04  
## [,276] [,277] [,278] [,279] [,280]  
## [1,] 0.0002974042 -2.438094e-05 0.0001972207 0.0002433499 2.586217e-05  
## [2,] -0.0064149712 1.306105e-03 -0.0040612324 -0.0051360613 -4.423011e-05  
## [,281] [,282] [,283] [,284] [,285]  
## [1,] 0.0001656715 4.930246e-06 1.539621e-05 0.0001485507 0.0001604385  
## [2,] -0.0034183739 2.686987e-04 1.122343e-04 -0.0030340202 -0.0033401417  
## [,286] [,287] [,288] [,289] [,290]  
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## [2,] 0.0005442046 9.523666e-04 -0.0053095267 1.122343e-04 9.523666e-04  
## [,291] [,292] [,293] [,294] [,295]  
## [1,] 0.0002157632 -4.568050e-06 0.0001181205 0.000265855 0.0004649515  
## [2,] -0.0045952432 7.959022e-04 -0.0021938879 -0.005772113 -0.0105033984  
## [,296] [,297] [,298] [,299] [,300]  
## [1,] 2.743531e-05 3.536047e-05 -3.454417e-05 4.963764e-05 7.483489e-05  
## [2,] -3.673527e-04 -5.714336e-04 1.115638e-03 -6.564731e-04 -1.418373e-03  
## [,301] [,302] [,303] [,304] [,305]  
## [1,] 5.502199e-05 8.387908e-05 4.186386e-05 -1.615305e-05 4.440466e-05  
## [2,] -9.081707e-04 -1.425180e-03 -6.258575e-04 7.550928e-04 -5.782409e-04  
## [,306] [,307] [,308] [,309] [,310]  
## [1,] 1.696935e-05 3.811211e-06 2.047782e-05 0.000136663 -1.503401e-05  
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## [1,] -7.970567e-05 -0.000123294 -0.0001047515 -0.0001364522 -5.069722e-05  
## [2,] 2.561206e-03 0.003683652 0.0031496409 0.0039659649 1.870731e-03  
## [,4016] [,4017] [,4018] [,4019] [,4020]  
## [1,] -5.069722e-05 -0.0001193315 -3.753908e-05 -0.0001206019 -7.843527e-05  
## [2,] 1.870731e-03 0.0035816112 1.588418e-03 0.0035578029 2.585015e-03  
## [,4021] [,4022] [,4023] [,4024] [,4025]  
## [1,] -7.320229e-05 -0.0001299488 -6.923971e-05 3.932305e-05 3.659843e-06  
## [2,] 2.506782e-03 0.0039115410 2.404742e-03 -6.734741e-04 2.448903e-04  
## [,4026] [,4027] [,4028] [,4029] [,4030]  
## [1,] 2.474314e-05 8.892825e-06 -1.615305e-05 1.808839e-05 -3.469554e-05  
## [2,] -2.415038e-04 1.666582e-04 7.550928e-04 -1.361454e-05 1.289104e-03  
## [,4031] [,4032] [,4033] [,4034] [,4035]  
## [1,] -2.677038e-05 6.20065e-06 -2.549998e-05 2.459177e-05 -9.017164e-05  
## [2,] 1.085023e-03 2.92507e-04 1.108831e-03 -6.803842e-05 2.717671e-03  
## [,4036] [,4037] [,4038] [,4039] [,4040]  
## [1,] 3.774991e-05 -6.908834e-05 0.0000008163 1.001186e-05 1.397444e-05  
## [2,] -3.503516e-04 2.231276e-03 0.0005442046 3.639319e-04 2.618914e-04  
## [,4041] [,4042] [,4043] [,4044] [,4045]  
## [1,] 3.902031e-05 -2.692175e-05 -3.484691e-05 -0.000100789 -7.108857e-06  
## [2,] -3.265433e-04 1.258488e-03 1.462569e-03 0.003047600 7.482856e-04  
## [,4046] [,4047] [,4048] [,4049] [,4050]  
## [1,] -5.989278e-05 -1.875875e-06 -2.168877e-05 3.632814e-05 -9.555599e-05  
## [2,] 2.051004e-03 6.700534e-04 1.180256e-03 -2.006945e-04 2.969368e-03  
## [,4051] [,4052] [,4053] [,4054] [,4055]  
## [1,] -9.555599e-05 -6.654753e-05 5.614103e-05 -0.0000546598 -6.654753e-05  
## [2,] 2.969368e-03 2.278893e-03 -7.108970e-04 0.0019727716 2.278893e-03  
## [,4056] [,4057] [,4058] [,4059] [,4060]  
## [1,] -9.951856e-05 -4.150166e-05 -6.131455e-05 -0.0001140985 -4.531287e-05  
## [2,] 3.071409e-03 1.690458e-03 2.200661e-03 0.0035033791 1.619033e-03  
## [,4061] [,4062] [,4063] [,4064] [,4065]  
## [1,] -5.720061e-05 -3.880948e-05 -9.159341e-05 -4.546424e-05 -9.159341e-05  
## [2,] 1.925155e-03 1.564610e-03 2.867328e-03 1.792499e-03 2.867328e-03  
## [,4066] [,4067] [,4068] [,4069] [,4070]  
## [1,] -2.011563e-05 -1.488265e-05 -3.992852e-05 -1.092007e-05 -1.724507e-06  
## [2,] 8.571333e-04 7.789011e-04 1.367336e-03 6.768606e-04 4.965880e-04  
## [,4071] [,4072] [,4073] [,4074] [,4075]  
## [1,] -3.469554e-05 -3.342513e-05 -2.15374e-05 -1.630442e-05 -5.323803e-05  
## [2,] 1.289104e-03 1.312912e-03 1.00679e-03 9.285583e-04 1.823114e-03  
## [,4076] [,4077] [,4078] [,4079] [,4080]  
## [1,] -9.286381e-05 -0.0000770135 -4.800504e-05 -1.107144e-05 -4.135029e-05  
## [2,] 2.843519e-03 0.0024353574 1.744882e-03 8.503261e-04 1.516993e-03  
## [,4081] [,4082] [,4083] [,4084] [,4085]  
## [1,] -0.0000770135 6.049282e-06 -7.178052e-05 -2.295917e-05 -5.069722e-05  
## [2,] 0.0024353574 4.659724e-04 2.357125e-03 1.156448e-03 1.870731e-03  
## [,4086] [,4087] [,4088] [,4089] [,4090]  
## [1,] -4.150166e-05 -9.286381e-05 -4.673464e-05 -7.574309e-05 7.471053e-06  
## [2,] 1.690458e-03 2.843519e-03 1.768691e-03 2.459166e-03 3.163153e-04  
## [,4091] [,4092] [,4093] [,4094] [,4095]  
## [1,] -1.376361e-05 -6.054713e-07 -2.565135e-05 -2.168877e-05 8.590089e-06  
## [2,] 9.761749e-04 6.938617e-04 1.282296e-03 1.180256e-03 5.135890e-04  
## [,4096] [,4097] [,4098] [,4099] [,4100]  
## [1,] -2.168877e-05 -6.054713e-07 -9.951856e-05 -9.555599e-05 -0.0001193315  
## [2,] 1.180256e-03 6.938617e-04 3.071409e-03 2.969368e-03 0.0035816112  
## [,4101] [,4102] [,4103] [,4104] [,4105]  
## [1,] -0.0001153689 -4.150166e-05 -6.923971e-05 -0.0001022107 -6.923971e-05  
## [2,] 0.0034795707 1.690458e-03 2.404742e-03 0.0031972576 2.404742e-03  
## [,4106] [,4107] [,4108] [,4109] [,4110]  
## [1,] -0.0001510321 -0.0001049029 -1.092007e-05 -4.658327e-05 -2.549998e-05  
## [2,] 0.0043979352 0.0033231064 6.768606e-04 1.595225e-03 1.108831e-03  
## [,4111] [,4112] [,4113] [,4114] [,4115]  
## [1,] -2.819215e-05 -5.323803e-05 -3.611731e-05 -6.908834e-05 -5.989278e-05  
## [2,] 1.234680e-03 1.823114e-03 1.438761e-03 2.231276e-03 2.051004e-03  
## [,4116] [,4117] [,4118] [,4119] [,4120]  
## [1,] -3.880948e-05 -8.366825e-05 -0.0001034811 -0.0001193315 -3.850675e-05  
## [2,] 1.564610e-03 2.663247e-03 0.0031734492 0.0035816112 1.217679e-03  
## [,4121] [,4122] [,4123] [,4124] [,4125]  
## [1,] 2.078056e-05 1.935879e-05 -2.549998e-05 -3.342513e-05 -4.135029e-05  
## [2,] -1.394633e-04 1.019377e-05 1.108831e-03 1.312912e-03 1.516993e-03  
## [,4126] [,4127] [,4128] [,4129] [,4130]  
## [1,] -3.215473e-05 2.982475e-05 -2.295917e-05 -8.097608e-05 -7.108857e-06  
## [2,] 1.336720e-03 -1.462706e-04 1.156448e-03 2.537398e-03 7.482856e-04  
## [,4131] [,4132] [,4133] [,4134] [,4135]  
## [1,] -2.692175e-05 2.586217e-05 -4.277206e-05 6.049282e-06 -6.385536e-05  
## [2,] 1.258488e-03 -4.423011e-05 1.666650e-03 4.659724e-04 2.153044e-03  
## [,4136] [,4137] [,4138] [,4139] [,4140]  
## [1,] -0.0000335765 -9.555599e-05 -3.753908e-05 -2.565135e-05 -6.258495e-05  
## [2,] 0.0014863774 2.969368e-03 1.588418e-03 1.282296e-03 2.176853e-03  
## [,4141] [,4142] [,4143] [,4144] [,4145]  
## [1,] -9.428558e-05 -3.753908e-05 1.255267e-05 3.236556e-05 -6.131455e-05  
## [2,] 2.993177e-03 1.588418e-03 4.115485e-04 -9.865400e-05 2.200661e-03  
## [,4146] [,4147] [,4148] [,4149] [,4150]  
## [1,] -5.338939e-05 -0.000090323 -7.320229e-05 -0.0001167906 2.743531e-05  
## [2,] 1.996580e-03 0.002891136 2.506782e-03 0.0036292279 -3.673527e-04  
## [,4151] [,4152] [,4153] [,4154] [,4155]  
## [1,] 4.851861e-05 -3.027357e-07 8.892825e-06 1.412581e-05 -6.370399e-05  
## [2,] -8.537468e-04 3.469308e-04 1.666582e-04 8.842596e-05 1.979579e-03  
## [,4156] [,4157] [,4158] [,4159] [,4160]  
## [1,] -0.0000795543 -2.946256e-05 -2.15374e-05 -1.757482e-05 -5.196762e-05  
## [2,] 0.0023877408 1.210871e-03 1.00679e-03 9.047500e-04 1.846923e-03  
## [,4161] [,4162] [,4163] [,4164] [,4165]  
## [1,] -1.376361e-05 2.086704e-06 6.167675e-05 -1.488265e-05 9.676679e-07  
## [2,] 9.761749e-04 5.680129e-04 -1.136060e-03 7.789011e-04 3.707392e-04  
## [,4166] [,4167] [,4168] [,4169] [,4170]  
## [1,] -6.957489e-06 4.044208e-05 -4.416682e-06 -5.323803e-05 2.459177e-05  
## [2,] 5.748202e-04 -4.762004e-04 6.224368e-04 1.823114e-03 -6.803842e-05  
## [,4171] [,4172] [,4173] [,4174] [,4175]  
## [1,] -1.107144e-05 -0.0000770135 6.049282e-06 -1.899659e-05 -7.970567e-05  
## [2,] 8.503261e-04 0.0024353574 4.659724e-04 1.054407e-03 2.561206e-03  
## [,4176] [,4177]  
## [1,] -0.0000546598 -4.419383e-05  
## [2,] 0.0019727716 1.816307e-03

###6) Can you think of an interesting question about Abalone? First step is to create the male abalone data.

male.abalone=dplyr::filter(abalone.data,sex=='M')

Now we can run a plots and tests for the data as a whole

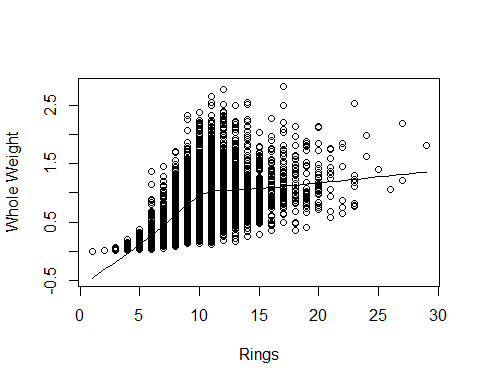
hist(abalone.data$rings)



corLengthAge <- cor.test(abalone.data$length, abalone.data$rings)  
corWeightAge <- cor.test(abalone.data$whole\_weight, abalone.data$rings)   
corHeightAge <- cor.test(abalone.data$height, abalone.data$rings)  
  
covLengthAge <- cov(abalone.data$length, abalone.data$rings)  
covWeighthAge <- cov(abalone.data$whole\_weight, abalone.data$rings)  
covHeighthAge <- cov(abalone.data$height, abalone.data$rings)  
  
sd(abalone.data$rings)

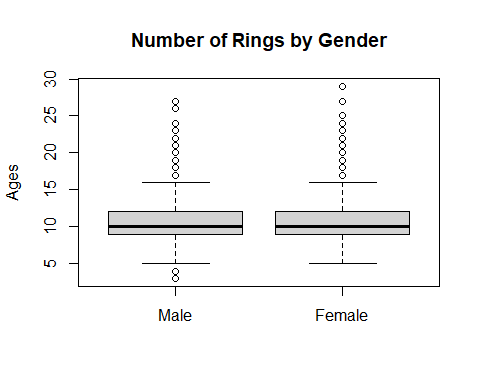
## [1] 3.224169

scatter.smooth(x=abalone.data$rings, y=abalone.data$whole\_weight,  
 xlab = "Rings",  
 ylab = "Whole Weight"  
)



Now we can break it down by gender

Male = abalone.data$rings[which(abalone.data$sex=='M')]   
Female = abalone.data$rings[which(abalone.data$sex=='F')]  
my.bp <- boxplot(Male,Female,  
 main = "Number of Rings by Gender",  
 ylab = "Ages",  
 names = c("Male", "Female"))



Here is a predictive model that I copy+pasted and do not fully understand

malemodel <- lm(rings~length+diameter+height+whole\_weight+viscera\_weight+shell\_weight,data=male.abalone)  
femalemodel <- lm(rings~length+diameter+height+whole\_weight+viscera\_weight+shell\_weight,data=female.abalone)  
  
x <- lm(rings~length,data=male.abalone)  
y <- lm(rings~length,data=female.abalone)  
  
  
set.seed(123)  
age.samples <- abalone.data$rings %>%  
 createDataPartition(p = 0.8, list = FALSE)  
train.data <- abalone.data[age.samples, ]  
test.data <- abalone.data[-age.samples, ]  
  
model1 <- lm(rings ~., data = train.data)  
  
predictions <- model1 %>% predict(test.data)  
  
data.frame(  
 RMSE = RMSE(predictions, test.data$rings),  
 R2 = R2(predictions, test.data$rings)  
)

## RMSE R2  
## 1 2.267417 0.5012413

car::vif(model1)

## GVIF Df GVIF^(1/(2\*Df))  
## sex 1.553087 2 1.116346  
## length 39.663136 1 6.297868  
## diameter 42.089646 1 6.487653  
## height 6.594133 1 2.567904  
## whole\_weight 111.466298 1 10.557760  
## shucked\_weight 28.868093 1 5.372904  
## viscera\_weight 17.766568 1 4.215041  
## shell\_weight 22.365861 1 4.729256

model2 <- lm(rings ~. -whole\_weight -viscera\_weight -diameter -length, data = train.data)  
#reduced number of variables using correlation/covariance data from the top part of this question  
  
predictions <- model2 %>% predict(test.data)  
  
data.frame(  
 RMSE = RMSE(predictions, test.data$rings),  
 R2 = R2(predictions, test.data$rings)  
)

## RMSE R2  
## 1 2.440944 0.4359833

car::vif(model2)

## GVIF Df GVIF^(1/(2\*Df))  
## sex 1.501786 2 1.107011  
## height 5.204979 1 2.281442  
## shucked\_weight 4.811540 1 2.193522  
## shell\_weight 7.078238 1 2.660496

<http://www.sthda.com/english/wiki/correlation-test-between-two-variables-in-r#install-and-load-required-r-packages> <https://rstudio-pubs-static.s3.amazonaws.com/408480_f4bdfd9620c84a9598e512f1a59e66f5.html> <http://www.sthda.com/english/articles/39-regression-model-diagnostics/160-multicollinearity-essentials-and-vif-in-r/> <https://github.com/nishitpatel01/predicting-age-of-abalone-using-regression>