medias-desvio-padrao.R

rstudio-user

2021-09-09

distancias\_percorridas\_randomicas = c(94539,  
 76101,  
 87338,  
 85412,  
 87203,  
 78052,  
 80047,  
 83600,  
 71790,  
 92068,  
 87260,  
 81323,  
 85495,  
 78974,  
 90424,  
 78116,  
 87148,  
 77065,  
 91759,  
 85906,  
 86917,  
 76872,  
 85646,  
 88219,  
 93879,  
 85452,  
 88175,  
 82974,  
 92900,  
 77181)  
  
mean(distancias\_percorridas\_randomicas)

## [1] 84594.5

sd(distancias\_percorridas\_randomicas)

## [1] 5925.8

distancias\_percorridas\_guloso = c(38412,  
 38971,  
 38784,  
 40078,  
 39515,  
 38294,  
 39313,  
 38393,  
 40639,  
 38412,  
 40639,  
 37890,  
 37892,  
 37890,  
 40639,  
 36879,  
 39725,  
 39515,  
 39657,  
 40078,  
 40078,  
 39657,  
 39313,  
 39313,  
 39725,  
 42460,  
 38971,  
 39948,  
 39725,  
 39725)  
mean(distancias\_percorridas\_guloso)

## [1] 39351

sd(distancias\_percorridas\_guloso)

## [1] 1087.656

distancias\_percorridas\_semi\_guloso = c(41763,  
 50317,  
 51848,  
 56303,  
 59105,  
 45915,  
 42505,  
 49662,  
 60395,  
 50395,  
 45774,  
 60634,  
 62214,  
 61627,  
 58254,  
 54453,  
 48061,  
 63820,  
 57504,  
 69332,  
 58383,  
 53145,  
 42453,  
 61655,  
 54769,  
 50457,  
 48107,  
 53889,  
 59432,  
 46995  
)  
mean(distancias\_percorridas\_semi\_guloso)

## [1] 53972.2

sd(distancias\_percorridas\_guloso)

## [1] 1087.656

boxplot(distancias\_percorridas\_randomicas,  
 distancias\_percorridas\_guloso,  
 distancias\_percorridas\_semi\_guloso,  
 names = c("Randômico", "Guloso", "Semiguloso"),  
 border = c("red", "blue", "yellow"),  
 varwidth = TRUE)

