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RAswal

Course - MCA 'A'

Ans 4

library(Cpsych)

Experiment.1 <- readClipboard()

Experiment

Summary (Experiment.1)

describe (Experiment.1)

boxplot (Experiment.1 main "Effect of Caffeine on Spelling test"  
ylab = "Spelling performance")

StripChart (Experiment.1, method = "yltu", jitter = 0.5, vertical  
= TRUE)

mult Wit (Experiment.1)

with (Experiment.1 test (placebo, Drug, equal.var = TRUE))

Data set

Placebo	Drug
24	24
25	29
24	23
26	25
22	28
21	24
22	24
23	27
25	28
25	27
25	26

> Summary (experiment 1) # basic descriptive way

Placebo . Drug

Min: 21.00      Min: 23.00

1st Qu: 22.75      1st Qu: 24.75

Median: 25.00      Median: 26.50

Mean: 24.25      Mean: 26.12

3rd Qu: 25.25      3rd Qu: 27.50

Max: 27.00      Max: 29.00

describe (experiment 1)

another descriptive way

Var   n   mean   sd   median   trimmed   min

Placebo 1      12      24.25      1.88      25      24.3

Drug 2      12      26.12      1.85      26.5      26.2

max

range

27

6 - 0.33

29

6 - 0.22

> boxplot (experiment 1 main = "Effect of different y-labs  
Shooting Performance"):