Lampiran J Analisis Korelasi, Uji Signifikansi Korelasi, dan Determinasi

Data= pre\_pos\_exp.RData

**Statistics=>Summaries=>Correlation matrix=>Spearman rank-order**

load("/Users/macintosh/GIT/skripsi/R analisis/pre\_pos\_exp.RData")

> showData(prepostext, placement='-20+200', font=getRcmdr('logFont'),

+ maxwidth=80, maxheight=30)

> fix(prepostext)

> shapiro.test(prepostext$pos)

Shapiro-Wilk normality test

data: prepostext$pos

W = 0.9045, p-value = 0.01463

> shapiro.test(prepostext$pre)

Shapiro-Wilk normality test

data: prepostext$pre

W = 0.8301, p-value = 0.0003812

> # Spearman rank-order correlations

> cor(prepostext[,c("pos","pre")], use="complete.obs", method="spearman")

pos pre

pos 1.0000000 0.4298874

pre 0.4298874 1.0000000

> **cor.test(prepostext[,c("pre")], prepostext[,c("pos")], method="spearman")**

Spearman's rank correlation rho

data: prepostext[, c("pre")] and prepostext[, c("pos")]

S = 2083.191, p-value = 0.02242

alternative hypothesis: true rho is not equal to 0

sample estimates:

rho

0.4298874

**Determinasi = r2**

Determinasi = (0.43)2 = 0.1849 atau 18,49 %