TABULAR DATA
table(**a**)

margin.table(**a**, 1)

prop.table(**a**, 1)

chisq.test(**a**,**b**)

fisher.test(**a**,**b**)

NORMALTY TEST:
shapiro.test(**a**)

tapply(**a**, **b**, shapiro.test)

var.test(**a**~**b**)

T TEST
t.test(**a**~**b**,**var.equal=T**) = Independent T Test

t.test(**a**~**b**) = Welch T Test
t.test(**a**~**b**,**paired=T**) = Paired T Test

WILCOXON TEST
wilcox.test(**a**~**b**) = Wilcoxon Rank Test

wilcox.test(**a**~**b**,paired=T) =Wilcoxon Sign Test

ONE-WAY ANOVA

anova(lm(**a**~**b**)

aov(lm(**a**~**b**))

aov(formula = lm(**a**~**b**))

bartlett.test(**a**~**b**)

pairwise.t.test(dataset$**a**, dataset$**b**, p.adjust.method = "bonferroni")

KRUSKAL WALLIS H TEST

kruskal.test(**a**~**b**)

pairwise.wilcox.test(dataset$**a**, dataset$**b**, p.adjust.method="bonferroni")")

CORRELATION AND SIMPLE REGRESSION ANALYSIS
cor.test(**a**,**b**)

cor.test(**a**,**b**,method=”spearman”)”

REGRESSION ANALYSIS

plot(**a**,**b**)

abline(lm(**a**~**b**))

lm(**a**~**b**)

Summary lm(**a**~**b**)

lm.velo <- lm(**a**~**b**)

lm.velo

predict(lm.velo,int="c")
resid(lm.velo)

res<-resid(lm.velo)

shapiro.test(res)