

Intervals

z_int(x,v,alpha,alt)
t_int(x,alpha,alt)
t_int_2s(x1,x2,alpha,alt)
t_int_2n(x1,x2,alpha,alt)
t_int_2p(x1,x2,alpha,alt)
prop_int(p,alpha,alt)
prop_int_2(x1,x2,alpha,alt)
var_int(x,alpha,alt)

Parametric tests

z_test(x,m0,v,alt)
z_test_2(x,y,vx,vy,alt)
t_test(x,m0,alt)
t_test_2s(x,y,alt)
t_test_2n(x,y,alt)
t_test_2p(x,y,alt)
prop_test(p,p0,n,alt)
prop_test_2(p1,p2,n1,n2,alt)
var_test(x,v0,alt)
var_test_2(x,y,alt)

Nonparametric tests

sign_test(x,y,alt)
wilcoxon_test(x1,x2,alt)
mannwhit_test(x1,x2)
mcnemar_test(Tab), (*T-2x2 frequency table*)
cor_test(x,y,method), (*meth=p/s/k*)
chisquare_test(O,E), (*O,E-frequencies*)
chisquare_test_i(O), (*O-frequency table*)
chisquare_test_h(O), (*O-frequency table*)

Tests of normality

shapiro_test(x)
anderson(x)
chisquare_test(O,E), (*O-observed, E-expected frequencies*)

Analysis of variance

bartlett_test(x), (*X-matrix or list*)
anova(y,tbl), (*tbl-matrix or list*)
anova_2(y,tbl), (*tbl-matrix*)
scheffe_test(x,al), (*x-matrix or list*) - post anova
kruskal_test(L), (*L-list*)
friedman_test(X), (*X-matrix: vert. evaluators, hor. objects*)

Regression analysis

lin_reg(x,y)
lin_pred_n(x,p)
lin_reg_n(x,y)
lin_pred_n(x,p)
exp_reg(x,y)
exp_pred(x,p)
pol_reg(x,y,k)
pol_pred(x,p,k)
t_test_reg(x,y,alt)
f_test_reg(x,y)
f_test_pred(y,yp,np)