

Regression

lin_reg.sci - linear regression

lin_pred.sci - linear prediction

exp_reg.sci - exponential regression

exp_pred.sci - exponential prediction

pol_reg.sci - polynomial regression

pol_pred.sci - polynomial prediction

lin_pred_n.sci - multivariate linear prediction

lin_reg_n.sci - multivariate linear regression

t_test_reg.sci - test of quality of linear regression

f_test_pred.sci - F-test of regression based on predictions

f_test_reg.sci - F-test of suitability of linear regression

residual_f_test.sci - test for residual independence

residual_z_test.sci - test for independence of residuals

plot_reg.sci - plot regression results

reg_desc.sci - calculate coefficients of linear regression