



Scatterplot

Select "Scatterplot". Enter data. This manipulative plots the data and calculates the correlation coefficient, mean of x and y, and least squares regression line.

http://nlvm.usu.edu/en/nav/category_g_4_t_5.html



Linear Regression I (Illuminations)

Create scatterplots and find the least squares regression line and correlation coefficient for data sets. Begin by clicking on the graph to create new data points.

<http://illuminations.nctm.org/ActivityDetail.aspx?ID=82>



Estimating Regression and Correlation (Rice Virtual Lab in Statistics)

A scatterplot and 5 different correlation values are shown. Choose the best estimate for the correlation coefficient. Draw in the regression line by clicking and dragging on the scatter plot.

http://www.ruf.rice.edu/~lane/stat_sim/reg_by_eye/index.html



Regression (Project Interactivate)

Plot a bivariate data set, determine the line of best fit for their data, and then check the accuracy of your line of best fit.

<http://www.shodor.org/interactivate/activities/Regression/>