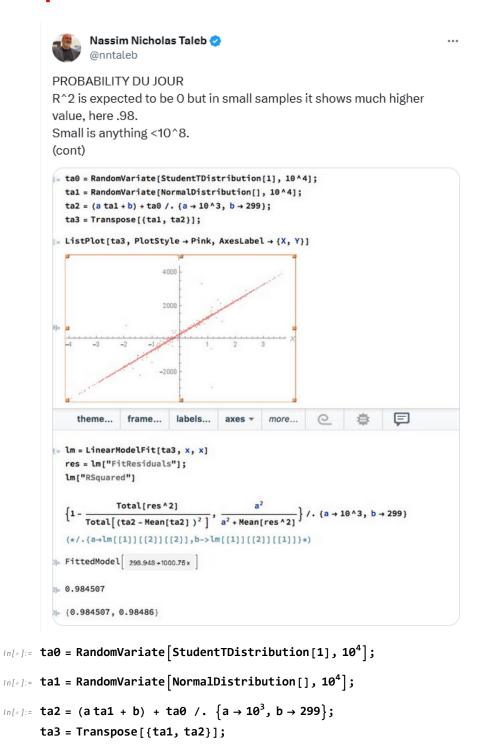
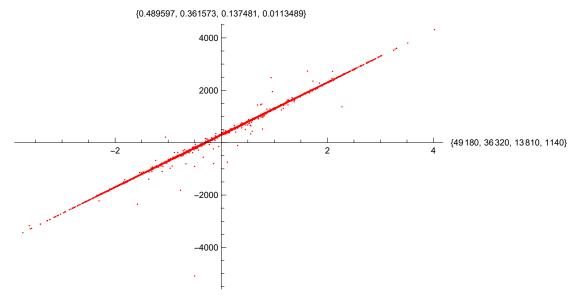
Expected R²



$In[*]:= ListPlot[ta3, PlotStyle → Red, AxesLabel → {X, Y}, ImageSize → Large]$

Out[@]=



Out[0]=

FittedModel 303.083 + 998.068 x

In[*]:= res = lm["FitResiduals"];

In[@]:= lm["RSquared"]

Out[0]=

0.775144

$$In[*]:= \left\{1 - \frac{\text{Total[res^2]}}{\text{Total[(ta2 - Mean[ta2])^2]}}, \frac{\text{a^2}}{\text{a^2 + Mean[res^2]}}\right\} /. \left\{\text{a} \to 10^3, \text{b} \to 299\right\}$$

$$Out[*]= \left\{0.775144, 0.780189\right\}$$