

Each datafit#.dat file contains a polynomial of different grade. Columns are #1:independent variable, #2: dependent variable, #3:uncertainties in the independent variable.

The table shows the type of function used to create each dataset in the corresponding file. It also includes the mean standard deviation used (which it would be close to those obtained in the fits). This files can be used to test the code for least-squares fit.

File	Function
datafit1.dat	$f(x) = 2.35 + 1.87x \quad (\sigma = 0.35)$
datafit2.dat	$f(x) = 2.35 + 1.87x - 0.95x^2 \quad (\sigma = 0.45)$
datafit3.dat	$f(x) = 2.35 + 1.87x - 0.95x^2 + 0.41x^3 \quad (\sigma = 0.95)$