

Constant Fit
 $p_0 = 0.99 \pm 0.14$
 $\chi^2_{red} = 0.72$
 $\rho_{val} = 0.66$

Linear Fit
 $p_0 = 1.44 \pm 0.29$
 $p_1 = -1.94 \pm 1.09$
 $\chi^2_{red} = 0.31$
 $\rho_{val} = 0.93$

