

Constant Fit
 $p_0 = 0.99 \pm 0.12$
 $\chi^2_{red} = 0.76$
 $p_{val} = 0.62$

Linear Fit
 $p_0 = 1.33 \pm 0.24$
 $p_1 = -1.59 \pm 0.96$
 $\chi^2_{red} = 0.43$
 $p_{val} = 0.86$

