

Constant Fit
 $p_0 = 0.89 \pm 0.12$
 $\chi^2_{red} = 0.62$
 $p_{val} = 0.74$

Linear Fit
 $p_0 = 1.22 \pm 0.25$
 $p_1 = -1.51 \pm 0.96$
 $\chi^2_{red} = 0.31$
 $p_{val} = 0.93$

