

Constant Fit
 $p_0 = 0.85 \pm 0.12$
 $\chi^2_{red} = 0.72$
 $p_{val} = 0.66$

Linear Fit
 $p_0 = 1.21 \pm 0.23$
 $p_1 = -1.50 \pm 0.84$
 $\chi^2_{red} = 0.30$
 $p_{val} = 0.94$

