

Constant Fit
 $p_0 = 0.69 \pm 0.10$
 $\chi^2_{red} = 1.33$
 $p_{val} = 0.23$

Linear Fit
 $p_0 = 1.06 \pm 0.19$
 $p_1 = -1.57 \pm 0.69$
 $\chi^2_{red} = 0.68$
 $p_{val} = 0.66$

