

Constant Fit
 $p_0 = 0.75 \pm 0.14$
 $\chi^2_{red} = 1.00$
 $p_{val} = 0.43$

Linear Fit
 $p_0 = 1.01 \pm 0.28$
 $p_1 = -1.13 \pm 1.03$
 $\chi^2_{red} = 0.97$
 $p_{val} = 0.44$

