

Constant Fit
 $p_0 = 0.93 \pm 0.12$
 $\chi^2_{red} = 0.75$
 $p_{val} = 0.63$

Linear Fit
 $p_0 = 1.27 \pm 0.24$
 $p_1 = -1.54 \pm 0.93$
 $\chi^2_{red} = 0.41$
 $p_{val} = 0.87$

