

Constant Fit
 $p_0 = 0.82 \pm 0.12$
 $\chi^2_{red} = 0.88$
 $p_{val} = 0.52$

Linear Fit
 $p_0 = 1.15 \pm 0.23$
 $p_1 = -1.37 \pm 0.83$
 $\chi^2_{red} = 0.57$
 $p_{val} = 0.75$

