

Constant Fit
 $p_0 = 0.86 \pm 0.12$
 $\chi^2_{red} = 0.74$
 $p_{val} = 0.64$

Linear Fit
 $p_0 = 1.14 \pm 0.22$
 $p_1 = -1.21 \pm 0.84$
 $\chi^2_{red} = 0.52$
 $p_{val} = 0.79$

