

Constant Fit
 $p_0 = 1.16 \pm 0.14$
 $\chi^2_{red} = 0.78$
 $p_{val} = 0.60$

Linear Fit
 $p_0 = 1.56 \pm 0.27$
 $p_1 = -1.87 \pm 1.11$
 $\chi^2_{red} = 0.44$
 $p_{val} = 0.85$

