$$\theta = \hat{\theta} + \Delta \theta \qquad \theta = \hat{\theta} - \Delta \theta$$
Post-fit impact on  $\mu$ :
$$\theta = \hat{\theta} + \Delta \hat{\theta} \qquad \theta = \hat{\theta} - \Delta \hat{\theta}$$
-0.04 -0.02 0 0.02 0.04

$$ATLAS \qquad \text{Internal}$$

$$Norm factor for tty dec \\ tty_dec_Herwig7$$

$$JET_Pileup_RhoTopology$$

$$JET_Pileup_RhoTopology$$

$$JET_Flavor_Composition \\ tty_prod_var3c \\ \gamma (CR other  $\gamma$  bin 4) \\ lepfakeSF_var2$$

$$JET_Pileup_OffsetNPV$$

$$JET_EffectiveNP_Modelling1 \\ \gamma (SR t\bar{t}\gamma \text{ production bin 4})$$

Δμ

Pre-fit impact on μ: