

$\Delta\mu/\Delta\mu_{\text{tot}}$ 

-0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4

alpha\_THEO\_ACC\_PS\_ggFHH  
\_DLLOS\_T2\_SpcTauHH\_L0\_bin\_2  
\_SysTHEO\_ACC\_PS\_ggFHH\_PNN  
EHADTAU\_EFF\_ELEOLR\_TOTAL  
alpha\_THEO\_ACC\_HF\_ggFH  
alpha\_SysZJETS\_GENERATOR  
b-jet tagging efficiency 1  
alpha\_THEO\_BR\_Htautau  
alpha\_THEO\_ACC\_Zhf\_SCALE  
alpha\_ATLAS\_LUMI\_Run2  
t $\bar{t}$  normalisation  
RUEHADTAU\_EFF\_RECO\_TOTAL  
alpha\_THEO\_BR\_Hbb  
INID\_1PRONGSTATSYSTPTGE40  
alpha\_THEO\_ACC\_Zhf\_QSF

**ATLAS**  
Internal

 $\sqrt{s} = 13 \text{ TeV}$  $139.0 \text{ fb}^{-1}$  $m_A = 1000 \text{ GeV}$ 

—●— Pull:  $(\hat{\theta} - \theta_0)/\Delta\theta$

—○— Normalisation

▨ +1 $\sigma$  Postfit Impact on  $\mu$

□ -1 $\sigma$  Postfit Impact on  $\mu$

-2 -1 0 1 2 3