

$$\Delta\hat{\mu}/\Delta\hat{\mu}_{\text{tot}}$$

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4

$t\bar{t}$  RadLo Shape (hhMass SR)

$t\bar{t}$  Shower Shape (hhMass SR)

FatJet JMR

W+jets Norm (Acc)

l-jet tag eff (track) 0

QCD Shape (hhMass SR)

QCD Norm

Pile-up Reweight

Jet energy resolution

c-jet tag eff (track) 0

b-jet tag eff (track) 1

W+jets Shape Scale (hhMass SR)

b-jet tag eff (track) 0

FatJet Baseline

SingleTop Norm (Acc)

**ATLAS**  
Internal

$\sqrt{s} = 13 \text{ TeV}$

$\int \mathcal{L} dt = 36.1 \text{ fb}^{-1}$

$m_H = 2000 \text{ GeV}$

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

—○— Normalisation

▨ +1 $\sigma$  Postfit Impact on  $\hat{\mu}$

▭ -1 $\sigma$  Postfit Impact on  $\hat{\mu}$

-3 -2 -1 0 1 2

Pull