

$\Delta\hat{\mu}$

-0.2 -0.1 0 0.1 0.2

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

QCD Shape (hhMass SR)

FatJet JMR

QCD Norm

W+jets Norm (Acc)

l-jet tag eff (track) 0

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

Pile-up Reweight

b-jet tag eff (track) 1

b-jet tag eff (track) 0

c-jet tag eff (track) 0

Jet energy resolution

W+jets Shape Scale (hhMass SR)

Jet SR1 NP1

b-jet tag eff (calo) 0

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 σ Postfit Impact on $\hat{\mu}$

□ -1 σ Postfit Impact on $\hat{\mu}$

-1.5 -1 -0.5 0 0.5 1 1.5

Pull