

$\Delta\hat{\mu}$

-0.3 -0.2 -0.1 0 0.1 0.2 0.3

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

QCD Shape (hhMass SR)

FatJet JMR

b-jet tag eff (track) 1

b-jet tag extrap (track)

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

c-jet tag eff (track) 0

b-jet tag eff (track) 0

W+jets Norm (Acc)

QCD Norm

l-jet tag eff (track) 0

Pile-up Reweight

d_0^{sig} cut efficiency

$t\bar{t}$ Norm (Acc)

FatJet Baseline

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

$\int \text{Ldt} = 36.1 \text{ fb}^{-1}$

$m_H = 2000 \text{ GeV}$

● 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 2

Pull

ATLAS
Internal