

-0.4   -0.2   0   0.2   0.4

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

FatJet JMR

QCD Shape (hhMass SR)

b-jet tag eff (track) 1

b-jet tag extrap (track)

b-jet tag eff (track) 0

FatJet Baseline

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

$d_0^{\text{sig}}$  cut efficiency

QCD Norm

W+jets Norm (Acc)

Pile-up Reweight

Luminosity

c-jet tag eff (track) 0

FatJet Tracking

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

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

$m_H = 3000 \text{ GeV}$

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

—○— Normalisation

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

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

-2   -1   0   1   2   3

Pull

**ATLAS**  
Internal