

$\Delta\mu$

-0.2 -0.1 0 0.1 0.2 0.3

MODEL_QCD_Shape_hhMass_SR

FatJet JMR

b-jet tag extrap (track)

b-jet tag eff (track) 1

c-jet tag eff (track) 0

b-jet tag eff (track) 0

l-jet tag eff (track) 0

W+jets Norm. (Acc)

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

b-jet tag eff (calo) 0

QCD Norm

 d_0^{sig} cut

FatJet Baseline

SingleTop Norm. (Acc)

Luminosity

ATLAS
Internal

 $\sqrt{s} = 13 \text{ TeV}$ $\int \mathcal{L} dt = 36.1 \text{ fb}^{-1}$ $m_H = 2250 \text{ GeV}$  Pull: $(\hat{\theta} - \theta_0)/\Delta\theta$  Normalisation $+1\sigma$ Postfit Impact on μ  -1σ Postfit Impact on μ

-1.5 -1 -0.5 0 0.5 1 1.5 2