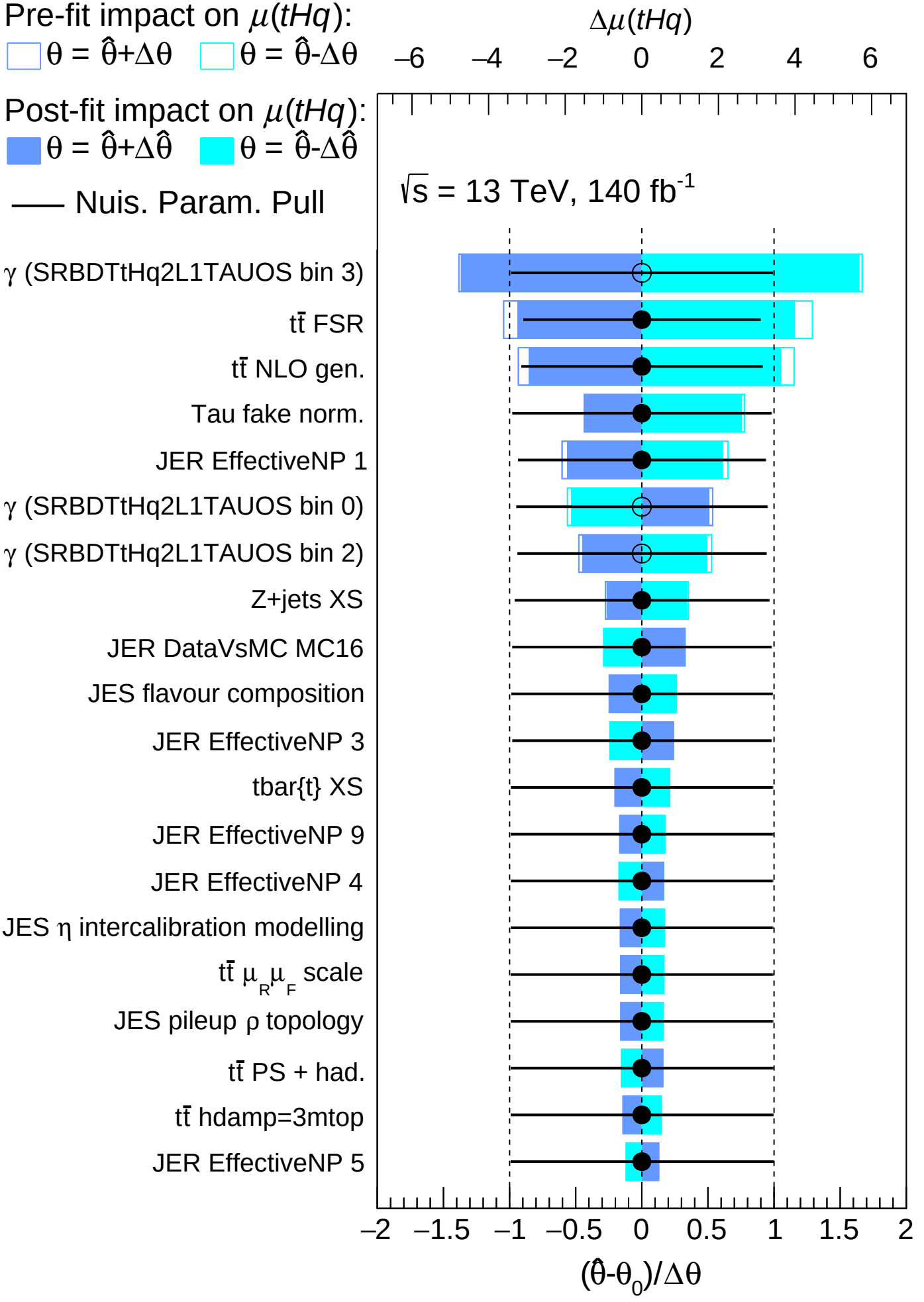
Pre-fit impact on $\mu(tHq)$:
$\theta = \hat{\theta}+\Delta\theta$
$\theta = \hat{\theta}-\Delta\theta$
Post-fit impact on $\mu(tHq)$:
$\theta = \hat{\theta}+\Delta\hat{\theta}$
$\theta = \hat{\theta}-\Delta\hat{\theta}$
Nuis. Param. Pull
$\Delta\mu(tHq)$
–6
–4
–2
0
2
4
6
$\sqrt{s}$ = 13 TeV, 140 fb^{-1}
γ (SRBDTtHq2L1TAUOS bin 3)
tt̄ FSR
tt̄ NLO gen.
Tau fake norm.
JER EffectiveNP 1
γ (SRBDTtHq2L1TAUOS bin 0)
γ (SRBDTtHq2L1TAUOS bin 2)
Z+jets XS
JER DataVsMC MC16
JES flavour composition
JER EffectiveNP 3
tbar{t} XS
JER EffectiveNP 9
JER EffectiveNP 4
JES η intercalibration modelling
tt̄ $\mu_R\mu_F$ scale
JES pileup ρ topology
tt̄ PS + had.
tt̄ hdamp=3mtop
JER EffectiveNP 5
–2
–1.5
–1
–0.5
0
0.5
1
1.5
2
$(\hat{\theta}-\theta_0)/\Delta\theta$