

Pre-fit impact on μ :

$\theta = \hat{\theta} + \Delta\theta$ $\theta = \hat{\theta} - \Delta\theta$

Post-fit impact on μ :

$\theta = \hat{\theta} + \Delta\hat{\theta}$ $\theta = \hat{\theta} - \Delta\hat{\theta}$

—●— Nuis. Param. Pull

γ (chanhhcattthpthgt300windowsr bin 0)

theory ttbar parton shower tth

theory signal tth me

NF hh ttH Ztt

theory signal top FSR tth

JET PunchThrough MC16

theory signal top ISR tth

hh fake ff composition highdeta

JET fJvtEfficiency

theory z ckk tth

theory z mur muf envelope tth

γ (chanhhcattthpthgt300sidebandsr bin 0)

theory signal tth parton shower

γ (chanhhcattthttbarcr bin 12)

NF hh ttH Top

JET Pileup OffsetMu

JET BJES Response

NF ll vbf Top

JET EffectiveNP Statistical3

hh fake ff stat 1p nm

