

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

$\Delta\mu$
0.08 0.06 0.04 0.02 0 0.02 0.04 0.06 0.08

ATLAS

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

t \bar{t} +light PS 4j
t \bar{t} +b PS 4j
t \bar{t} +c PS 4j
t \bar{t} + ≥ 1 c norm.
 γ (4j 3b bin 9)
t \bar{t} +light Gen 5j
t \bar{t} +b PS 6j
t \bar{t} +b FSR
eigenvars_C_0
t \bar{t} + ≥ 1 b norm.
 γ (4j 3b bin 8)
t \bar{t} +b $\mu_F \mu_R$
t \bar{t} +light Gen 4j
 γ (5j 3b bin 9)
V+jets norm.

