

Pre-fit impact on μ :

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

Post-fit impact on μ :

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

—●— Nuis. Param. Pull

$t\bar{t} + \geq 1$ c norm.

$t\bar{t} + c$ PS 4j

eigenvars_C_2

$t\bar{t} + b$ PS 4j

γ (4j 3b bin 9)

$t\bar{t} + c$ PS 5j

$t\bar{t} + b$ PS 5j

$t\bar{t} + \geq 1$ b norm.

eigenvars_B_0

$t\bar{t} + b$ Gen 4j

$t\bar{t} + b$ FSR

$t\bar{t} + \text{light}$ FSR

$t\bar{t} + c$ PS 6j

eigenvars_C_4

$t\bar{t} + b$ μ_{F_R}

$\Delta\mu$
-0.1 -0.05 0 0.05 0.1

ATLAS

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

