

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

eigenvars_Light_0

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

$t\bar{t} + \text{light PS } 4j$

$t\bar{t} + b$ 4FS 5j

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

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

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

eigenvars_C_1

$t\bar{t} + b$ FSR

V+jets norm.

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

st norm.

eigenvars_Light_1

st Wt Gen

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

$\Delta\mu$

ATLAS

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

$(\hat{\theta} - \theta_0) / \Delta\theta$

