

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

eigenvars_C_0

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

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

eigenvars_Light_1

eigenvars_C_1

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

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

$t\bar{t}+b$ FSR

V+jets norm.

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

γ (4j, 3b bin 9)

eigenvars_C_2

$t\bar{t}+b$ 4FS 6j

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

$\Delta\mu$
-0.2 -0.1 0 0.1 0.2

ATLAS Internal

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

