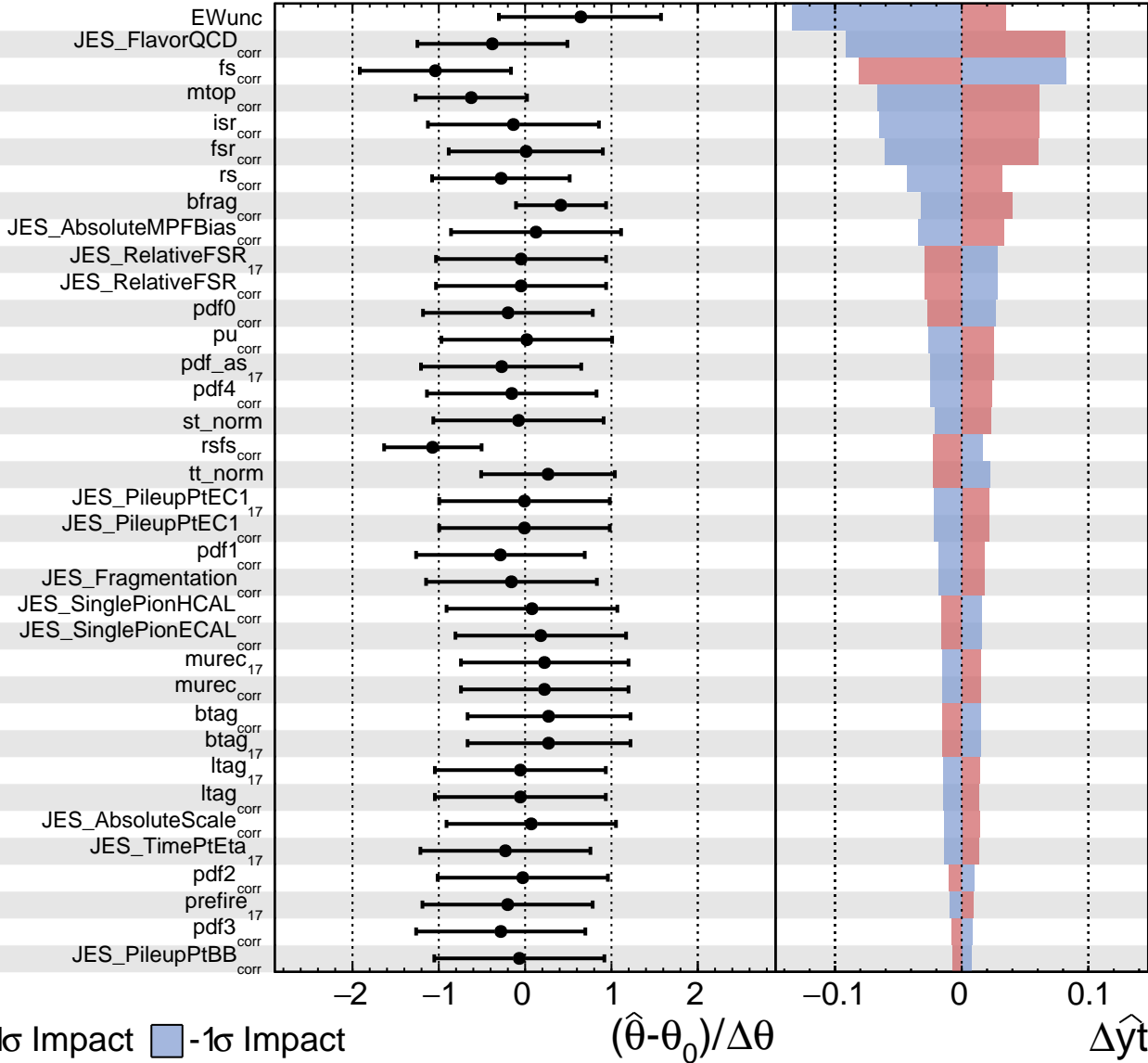


CMS *Internal*

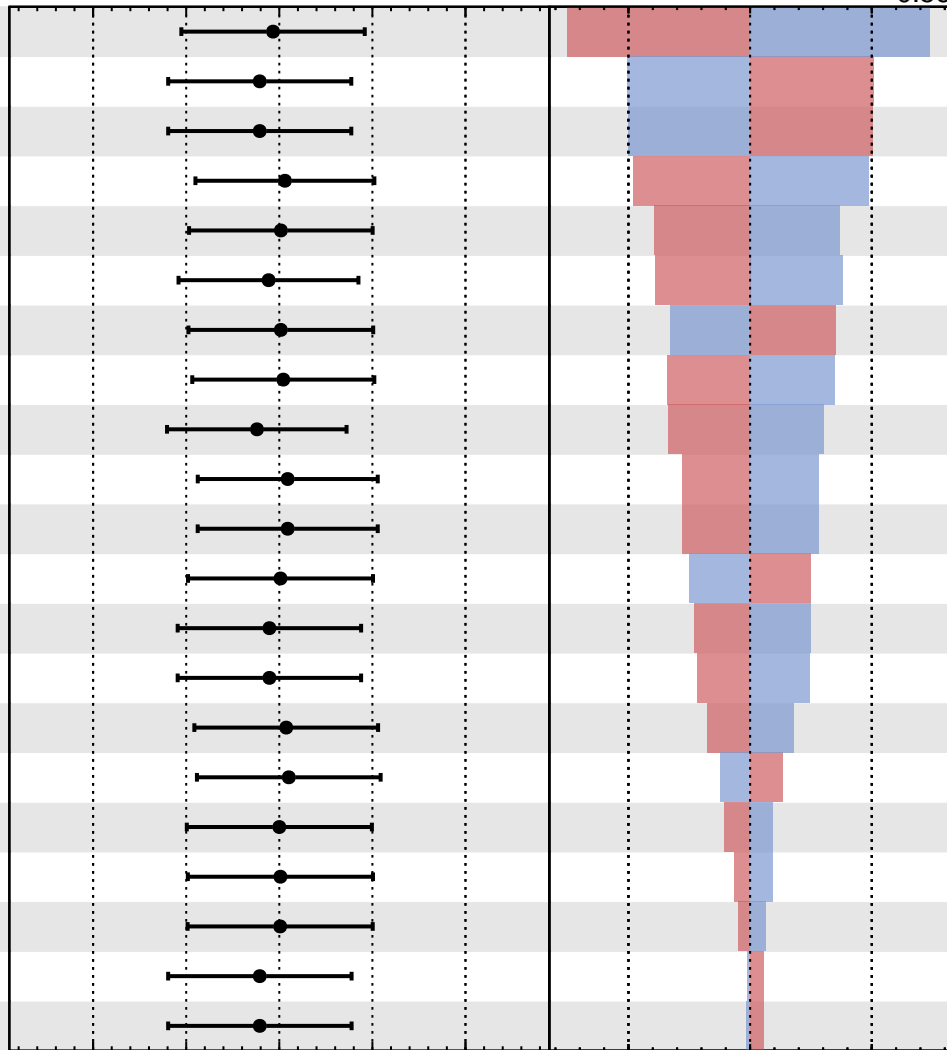
$\hat{y}_t = 1.13^{+0.33}_{-0.56}$



CMS *Internal*

$\hat{y}_t = 1.13^{+0.33}_{-0.56}$

JES_PileupPtBB₁₇
JES_PileupPtRef_{corr}
JES_PileupPtRef₁₇
lumi₁₇
JER₁₇
bdec_{corr}
mutrg₁₇
lumi_{corr}
vj_norm
elrec_{corr}
elrec₁₇
eltrg₁₇
JES_RelativeBal_{corr}
JES_RelativeBal₁₇
JES_RelativePtEC1₁₇
JES_RelativeSample₁₇
vv_norm
flat₁₇
flat_{corr}
JES_PileupDataMC₁₇
JES_PileupDataMC_{corr}



● Pull ■ +1 σ Impact ■ -1 σ Impact

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

$\Delta\hat{y}_t$