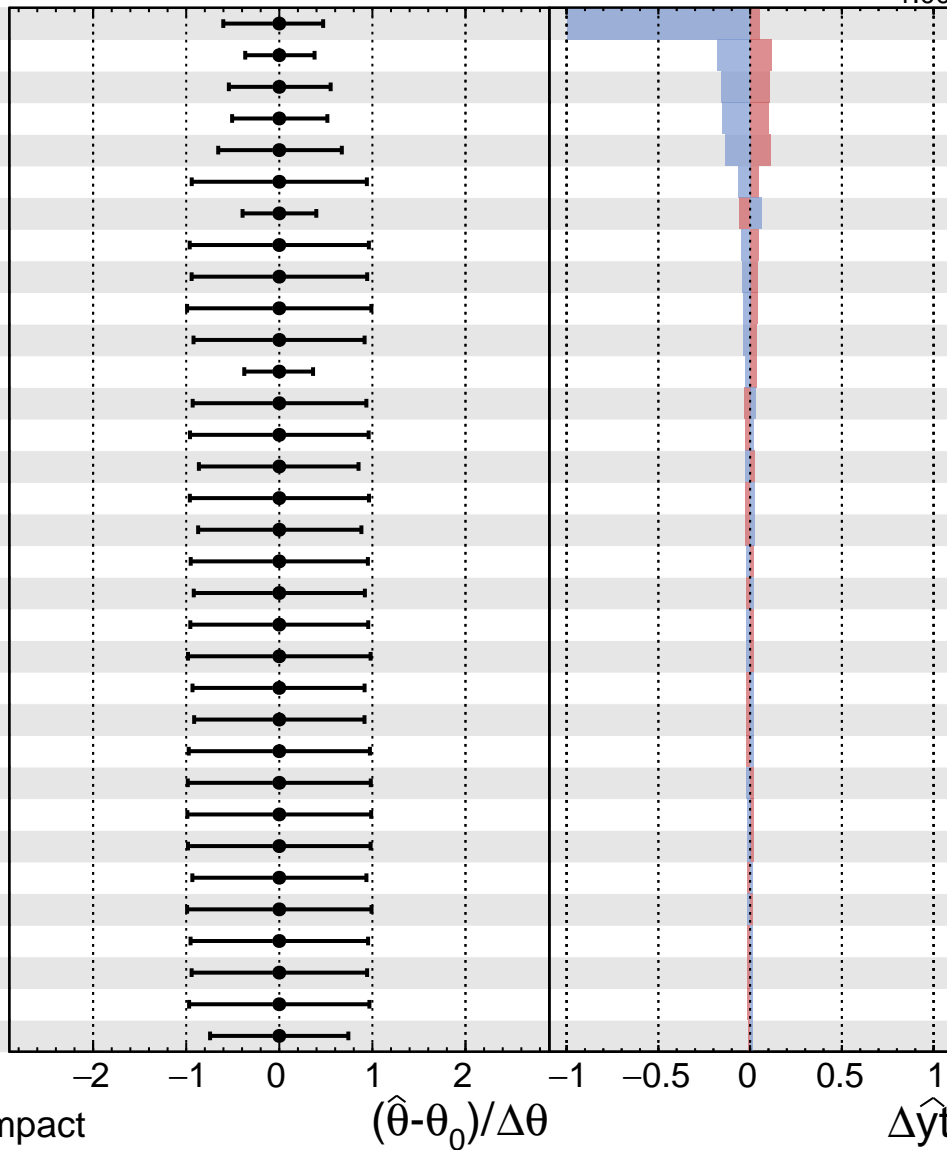


CMS Internal

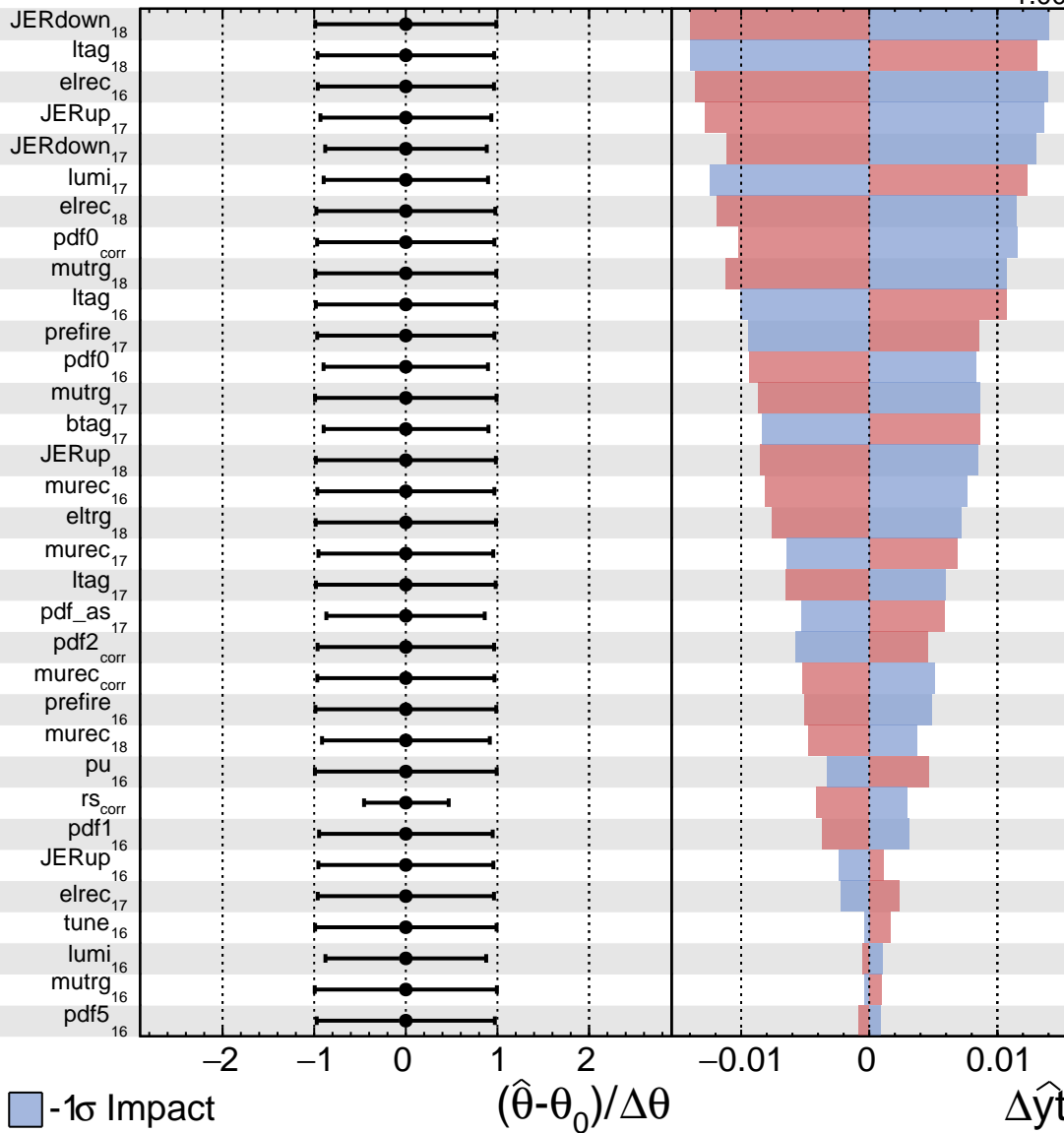
$\hat{y}_t = 1.00^{+0.32}_{-1.00}$

weakCorr
JES₁₈
JES₁₇
JES₁₆
mtop_{corr}
pdf1_{corr}
tt_norm
met₁₈
pdf2₁₆
st_norm
pdf_as₁₈
bfrag_{corr}
btag_{corr}
elrec_{corr}
tune_{corr}
btag₁₈
hd_{corr}
fakemet₁₇
fsr₁₆
pdf3_{corr}
isr_{corr}
vj_norm
fsr_{corr}
met₁₇
pu₁₇
pu₁₈
ltag_{corr}
btag₁₆
met₁₆
pdf4₁₆
lumi₁₈
bdec_{corr}
fs_{corr}



CMS *Internal*

$\hat{y}_t = 1.00^{+0.32}_{-1.00}$



CMS *Internal*

$\hat{y}_t = 1.00^{+0.32}_{-1.00}$

pdf_as₁₆

isr₁₆

ttnorm17

ttnorm16

ttnorm18

-2

-1

0

1

2

-0.5

0

0.5

$\times 10$

● Pull ■ +1 σ Impact ■ -1 σ Impact

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

$\Delta\hat{y}_t$

