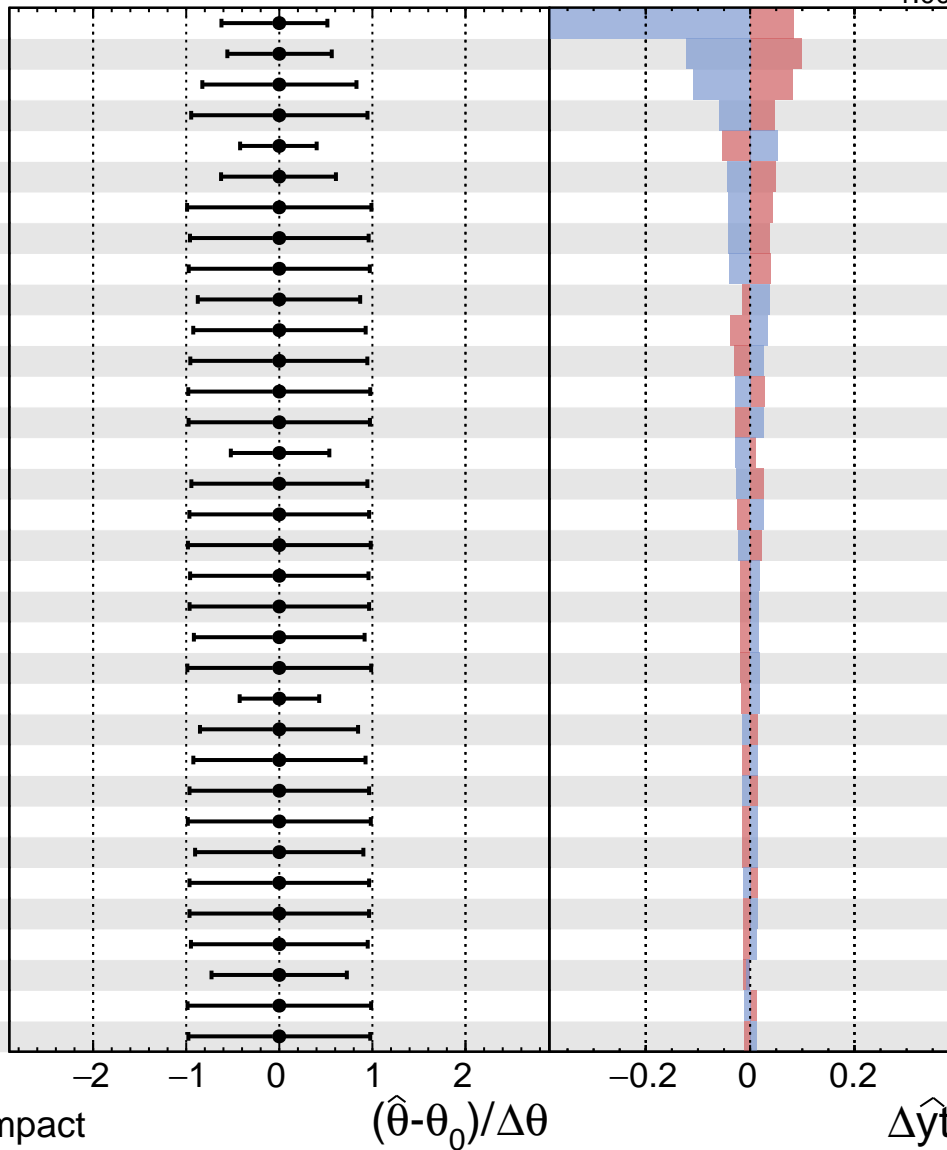


CMS *Internal*

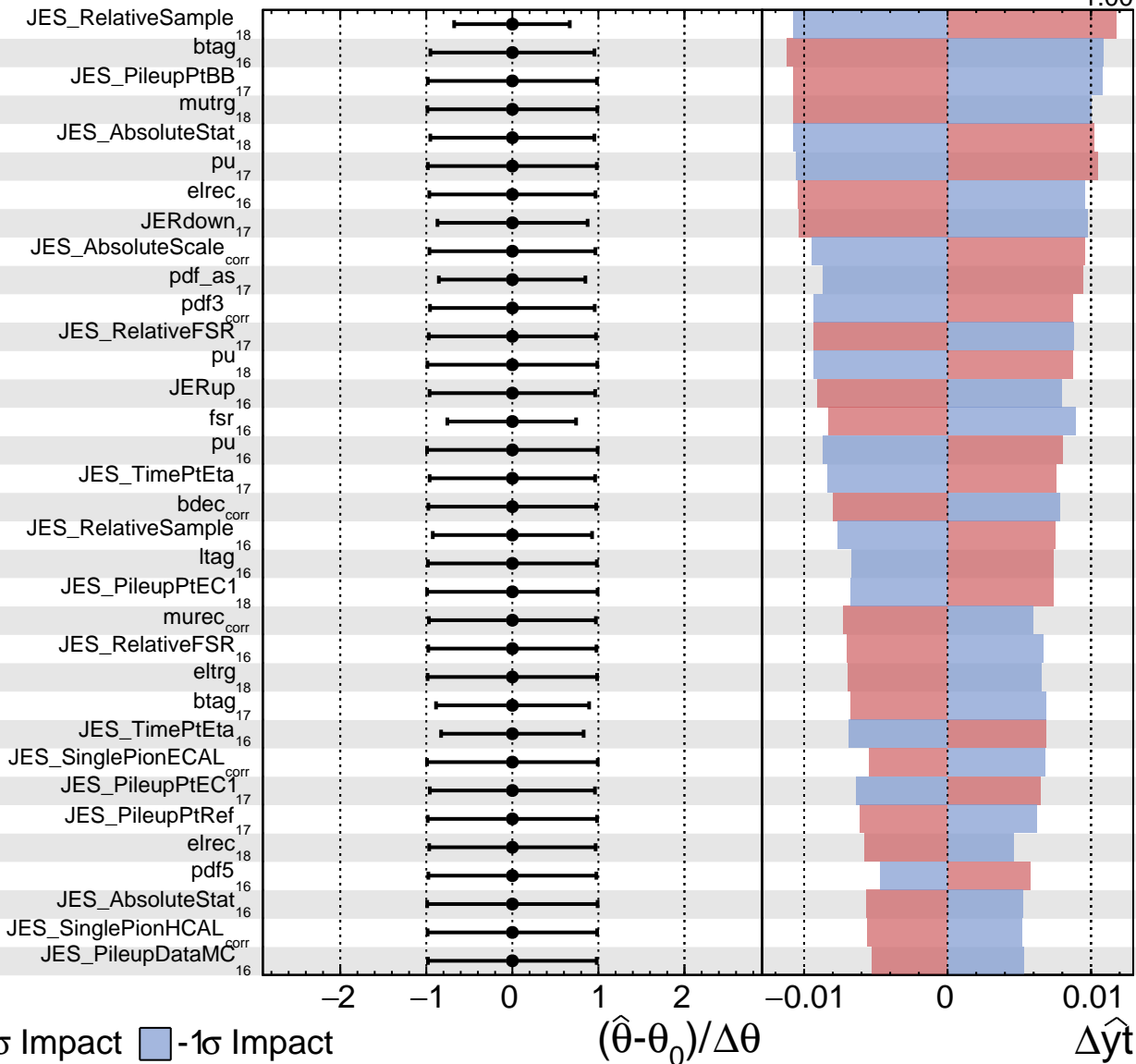
$\hat{y}_t = 1.00^{+0.31}_{-1.00}$

EWunc
mtop
corr
JES_FlavorQCD
corr
pdf1
corr
bfrag
corr
fsr
corr
st_norm
JES_AbsoluteMPFBias
corr
isr
corr
fs
corr
btag
corr
vj_norm
pu
corr
JES_RelativeFSR
corr
rsfs
corr
pdf2
16
pdf0
corr
ltag
corr
pdf4
16
elrec
corr
pdf0
16
JERdown
18
tt_norm
pdf_as
18
btag
18
ltag
18
JES_PileupPtBB
18
JES_TimePtEta
18
JES_PileupPtEC1
corr
JES_PileupPtBB
corr
pdf1
16
rs
corr
JES_PileupPtBB
16
JES_RelativeFSR
18



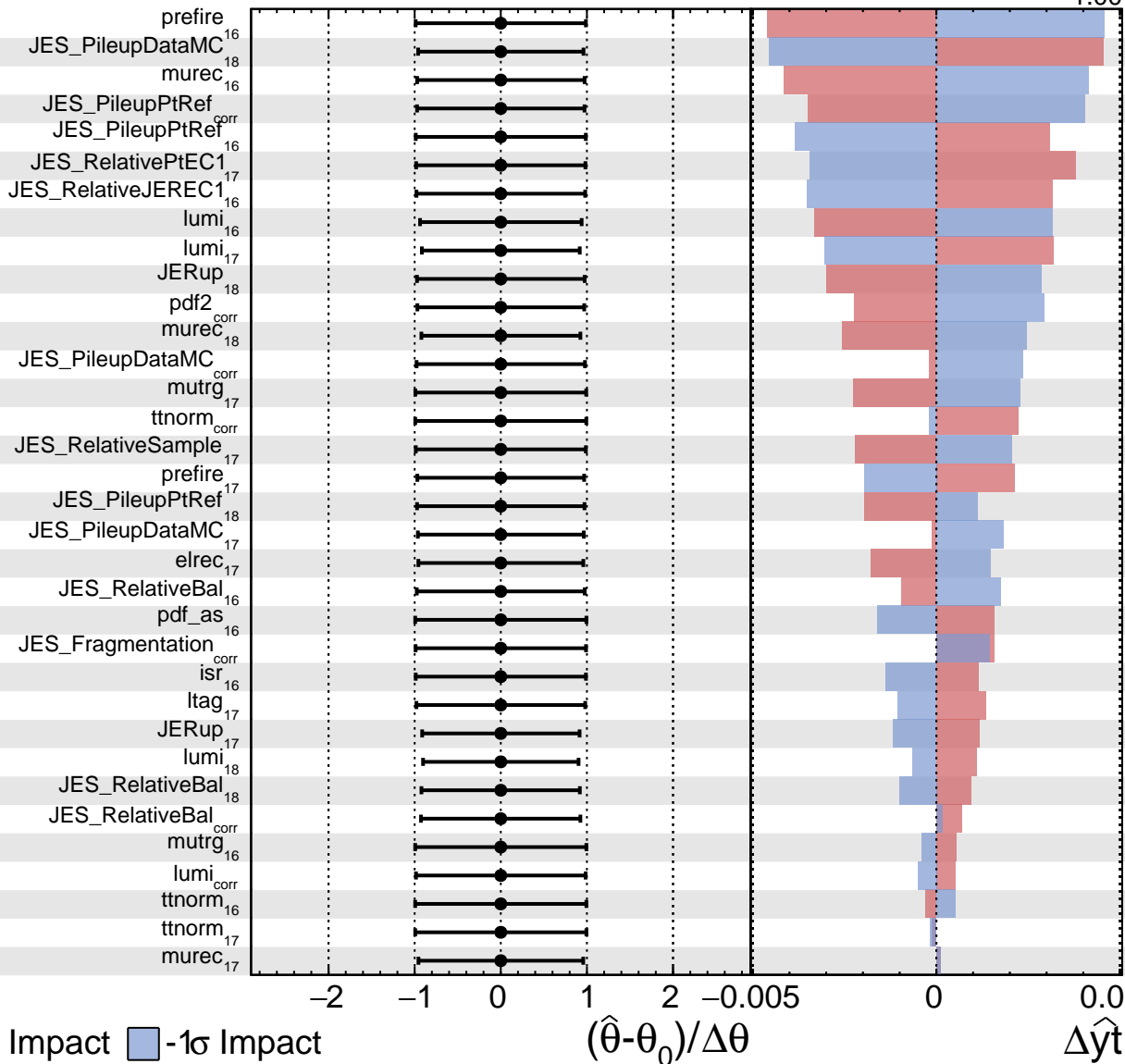
CMS Internal

$\hat{y}_t = 1.00^{+0.31}_{-1.00}$



CMS *Internal*

$\hat{y}_t = 1.00^{+0.31}_{-1.00}$



CMS *Internal*

$\hat{y}_t = 1.00^{+0.31}_{-1.00}$

ttnorm₁₈

—●— Pull ■ +1 σ Impact ■ -1 σ Impact

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

$\Delta\hat{y}_t$

$\times 10$

