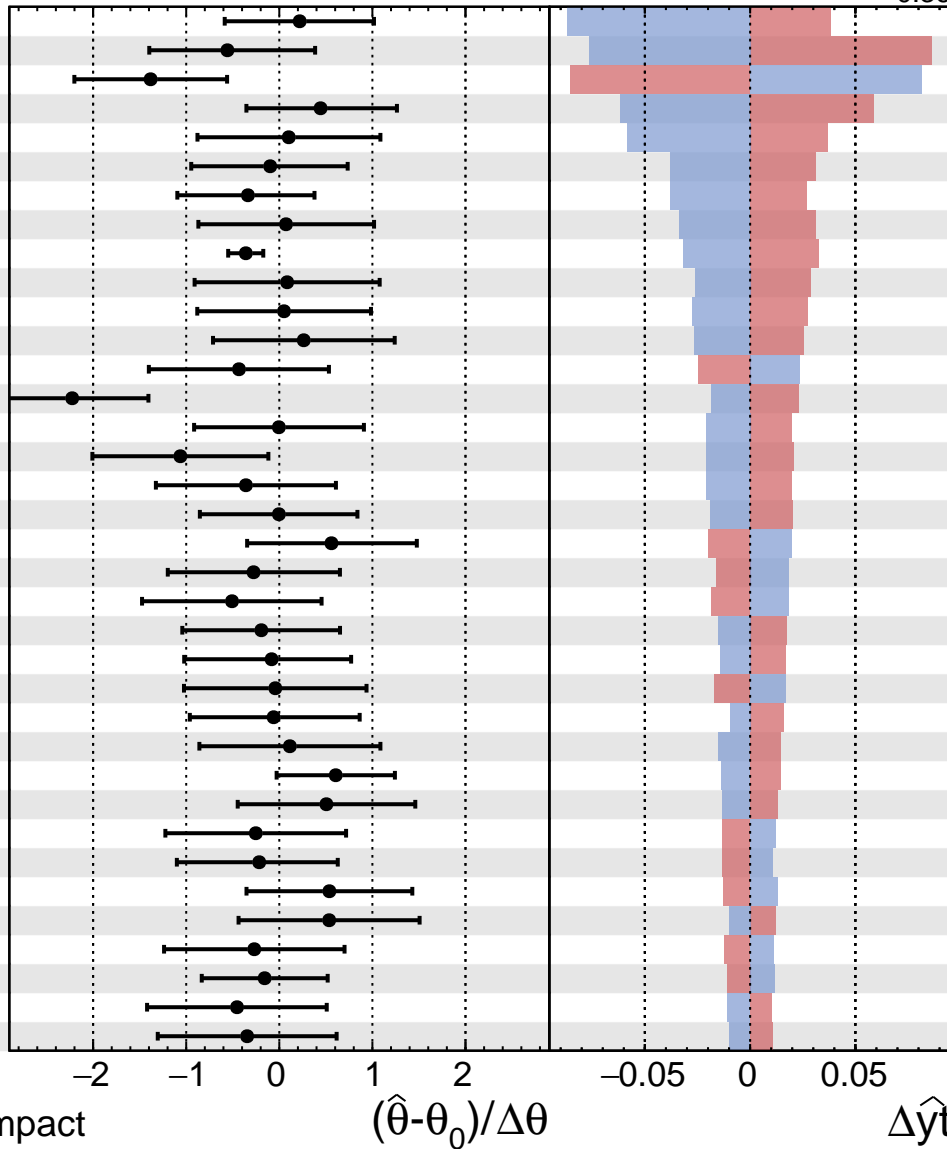


CMS Internal

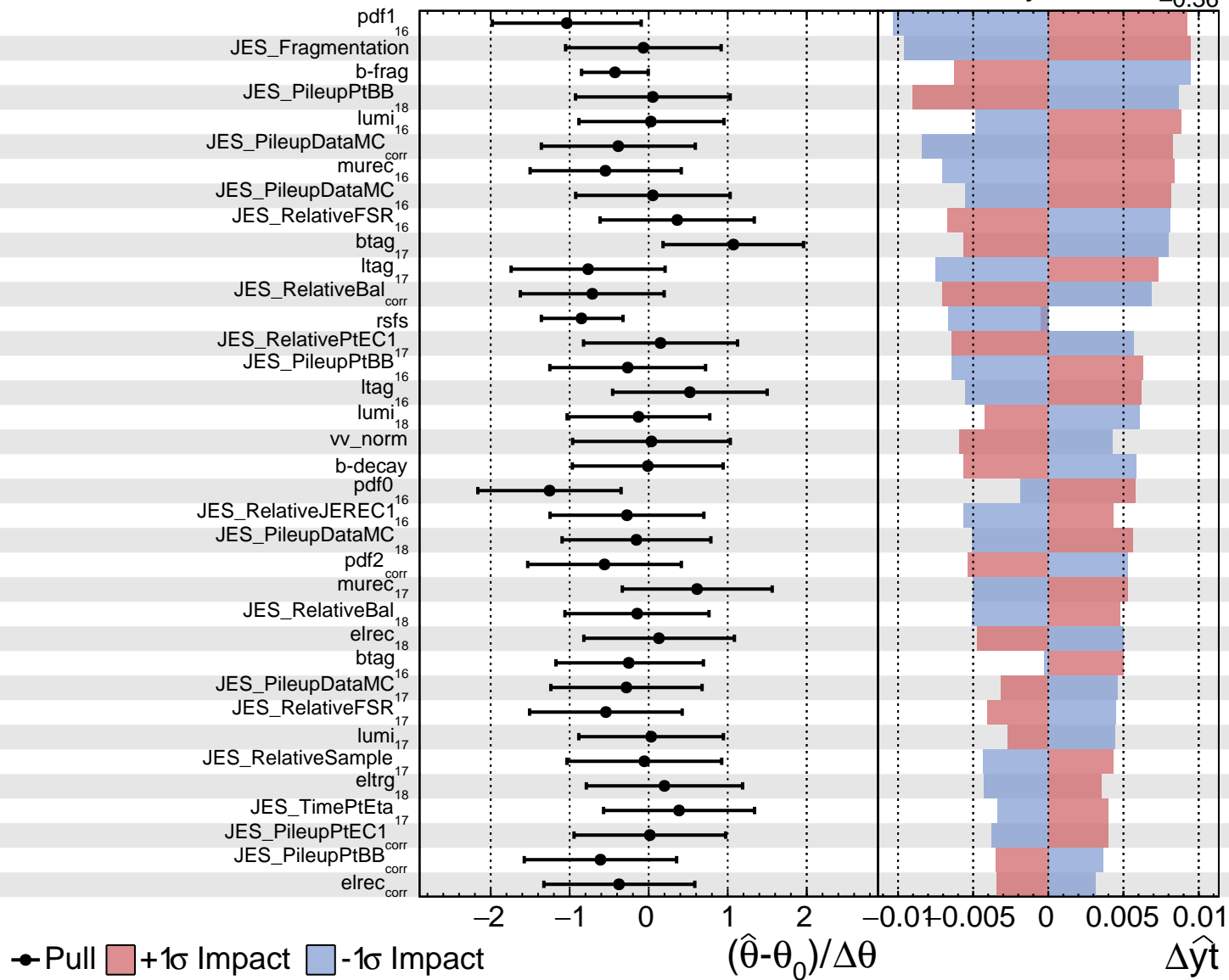
$\hat{y}_t = 1.15^{+0.25}_{-0.36}$

EWunc
fsr_{corr}
FS
JES_FlavorQCD
isr_{corr}
fsr₁₆
RS
murec_{corr}
top mass
st_norm
pdf2₁₆
ltag_{corr}
JES_RelativeFSR_{corr}
JES_TimePtEta₁₆
murec₁₈
pdf1_{corr}
pdf4_{corr}
pdf_as₁₈
btag_{corr}
btag₁₈
pdf0_{corr}
pdf_as₁₇
JER₁₈
JES_SinglePionECAL
JES_RelativeSample₁₆
JES_AbsoluteMPFBias
JES_RelativeSample₁₈
ltag₁₈
JES_RelativeFSR₁₈
vj_norm
JES_TimePtEta₁₈
PileUp
JES_RelativeBal₁₆
tt_norm
prefire₁₇
JES_AbsoluteScale



CMS *Internal*

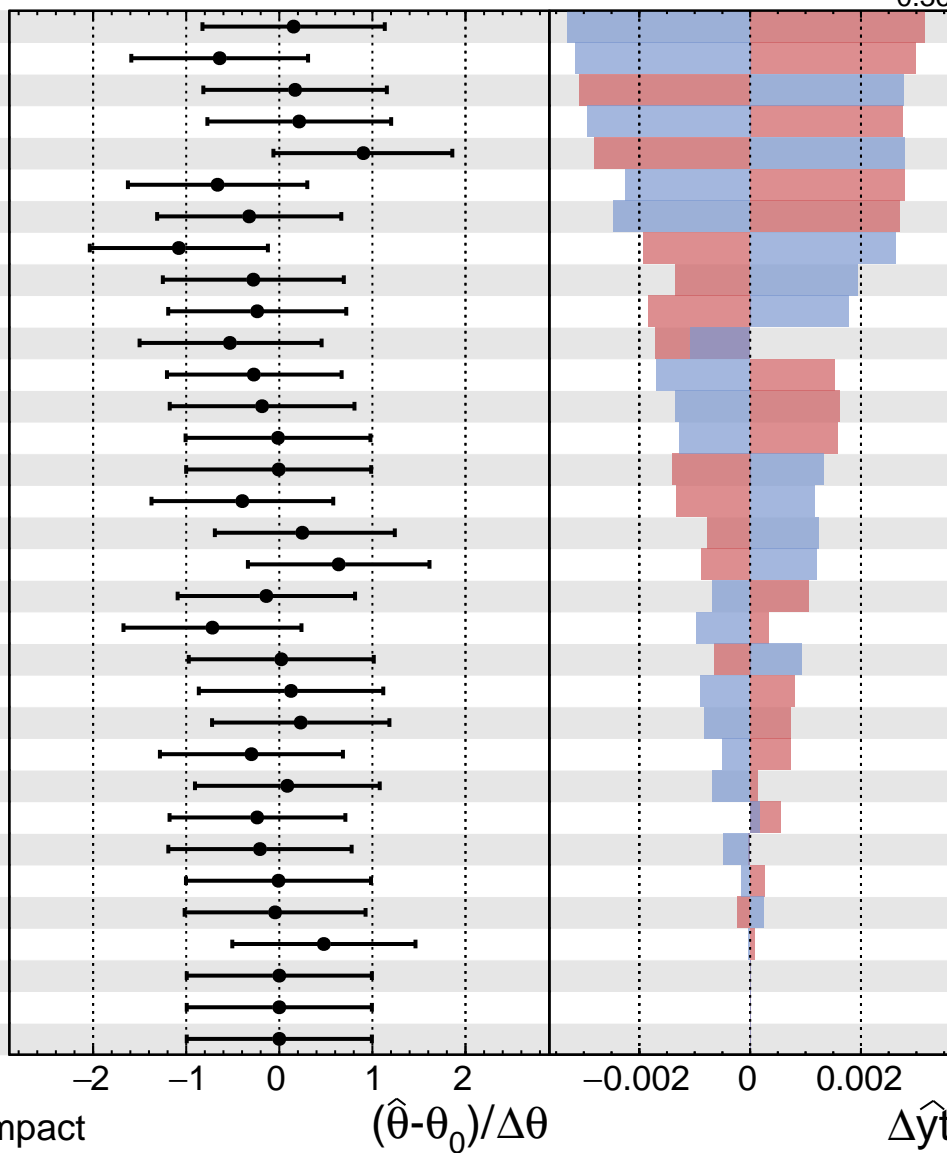
$\hat{y}_t = 1.15^{+0.25}_{-0.36}$



CMS *Internal*

$\hat{y}_t = 1.15^{+0.25}_{-0.36}$

JES_PileupPtEC1
JES_PileupPtRef
prefire^{corr}
mutrg¹⁸
JER¹⁷
JES_PileupPtRef
mutrg¹⁷
pdf3^{corr}
JES_SinglePionHCAL
JES_AbsoluteStat¹⁸
JER¹⁶
elrec¹⁷
eltrg¹⁷
flat¹⁶
flat^{corr}
JES_PileupPtBB¹⁷
isr¹⁶
pdf5¹⁶
JES_PileupPtEC1¹⁷
pdf4¹⁶
flat¹⁷
mutrg¹⁶
JES_PileupPtRef¹⁸
JES_RelativeBal¹⁷
eltrg¹⁶
elrec¹⁶
JES_PileupPtRef¹⁶
pdf_as¹⁶
lumi^{corr}
JES_AbsoluteStat¹⁶
JES_RelativePtBB¹⁶
JES_RelativePtBB^{corr}
flat¹⁸



● Pull ■ +1 σ Impact ■ -1 σ Impact