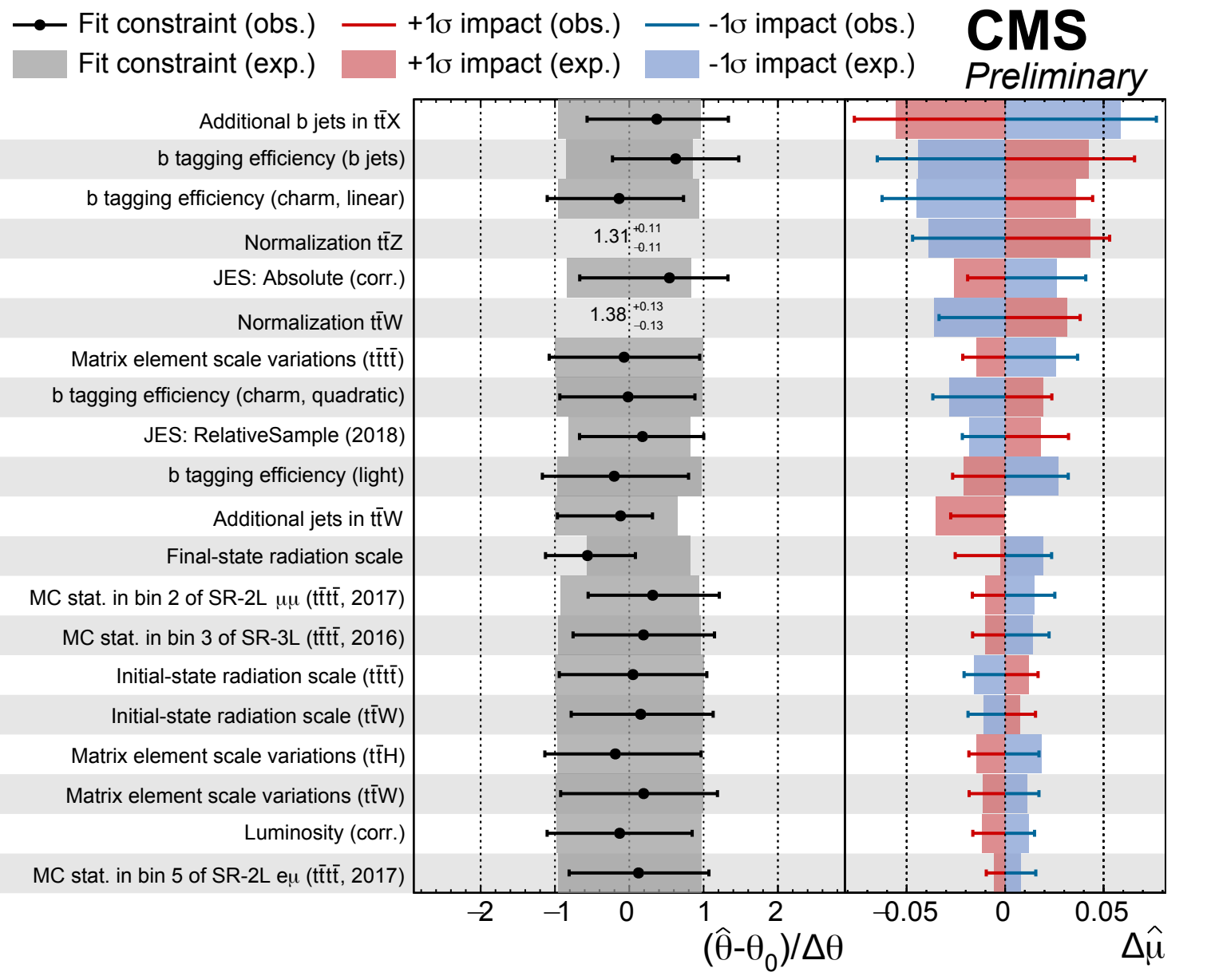
Fit constraint (obs.)
+1σ impact (obs.)
-1σ impact (obs.)
Fit constraint (exp.)
+1σ impact (exp.)
-1σ impact (exp.)
CMS
Preliminary
Additional b jets in tt̄X
b tagging efficiency (b jets)
b tagging efficiency (charm, linear)
Normalization tt̄Z
1.31 +0.11 −0.11
JES: Absolute (corr.)
Normalization tt̄W
1.38 +0.13 −0.13
Matrix element scale variations (tt̄tt̄)
b tagging efficiency (charm, quadratic)
JES: RelativeSample (2018)
b tagging efficiency (light)
Additional jets in tt̄W
Final-state radiation scale
MC stat. in bin 2 of SR-2L μμ (tt̄tt̄, 2017)
MC stat. in bin 3 of SR-3L (tt̄tt̄, 2016)
Initial-state radiation scale (tt̄tt̄)
Initial-state radiation scale (tt̄W)
Matrix element scale variations (tt̄H)
Matrix element scale variations (tt̄W)
Luminosity (corr.)
MC stat. in bin 5 of SR-2L eμ (tt̄tt̄, 2017)
−2
−1
0
1
2
(θ̂-θ0)/Δθ
−0.05
0
0.05
Δμ̂