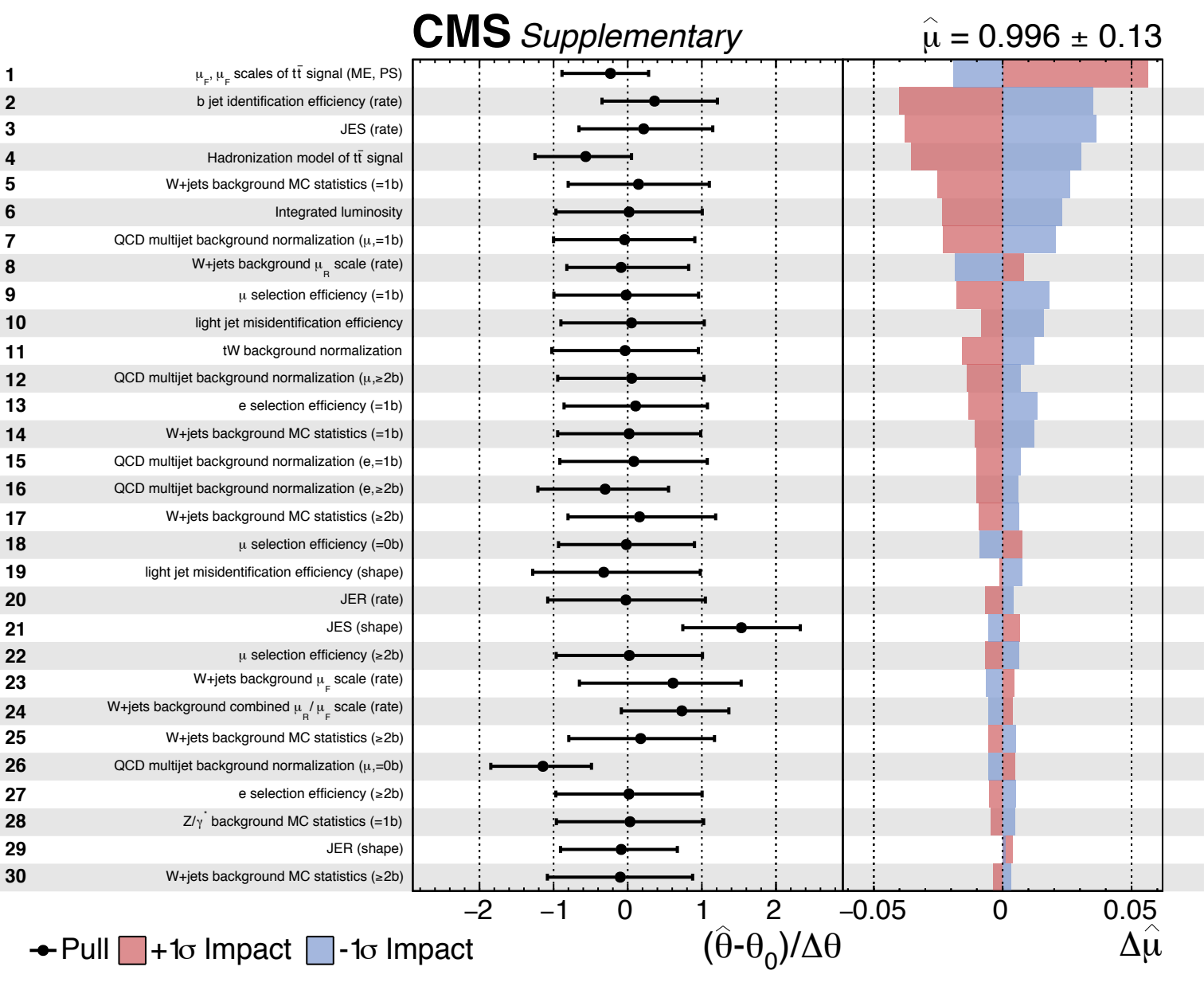
CMS Supplementary
$\hat{\mu}$ = 0.996 ± 0.13
1 μ_F, μ_F scales of $t\bar{t}$ signal (ME, PS)
2 b jet identification efficiency (rate)
3 JES (rate)
4 Hadronization model of $t\bar{t}$ signal
5 W+jets background MC statistics (=1b)
6 Integrated luminosity
7 QCD multijet background normalization (μ,=1b)
8 W+jets background μ_R scale (rate)
9 μ selection efficiency (=1b)
10 light jet misidentification efficiency
11 tW background normalization
12 QCD multijet background normalization (μ,≥2b)
13 e selection efficiency (=1b)
14 W+jets background MC statistics (=1b)
15 QCD multijet background normalization (e,=1b)
16 QCD multijet background normalization (e,≥2b)
17 W+jets background MC statistics (≥2b)
18 μ selection efficiency (=0b)
19 light jet misidentification efficiency (shape)
20 JER (rate)
21 JES (shape)
22 μ selection efficiency (≥2b)
23 W+jets background μ_F scale (rate)
24 W+jets background combined μ_R / μ_F scale (rate)
25 W+jets background MC statistics (≥2b)
26 QCD multijet background normalization (μ,=0b)
27 e selection efficiency (≥2b)
28 Z/γ^* background MC statistics (=1b)
29 JER (shape)
30 W+jets background MC statistics (≥2b)
−2 −1 0 1 2
$(\hat{\theta}-\theta_0)/\Delta\theta$
−0.05 0 0.05
$\Delta\hat{\mu}$
Pull
+1σ Impact
-1σ Impact