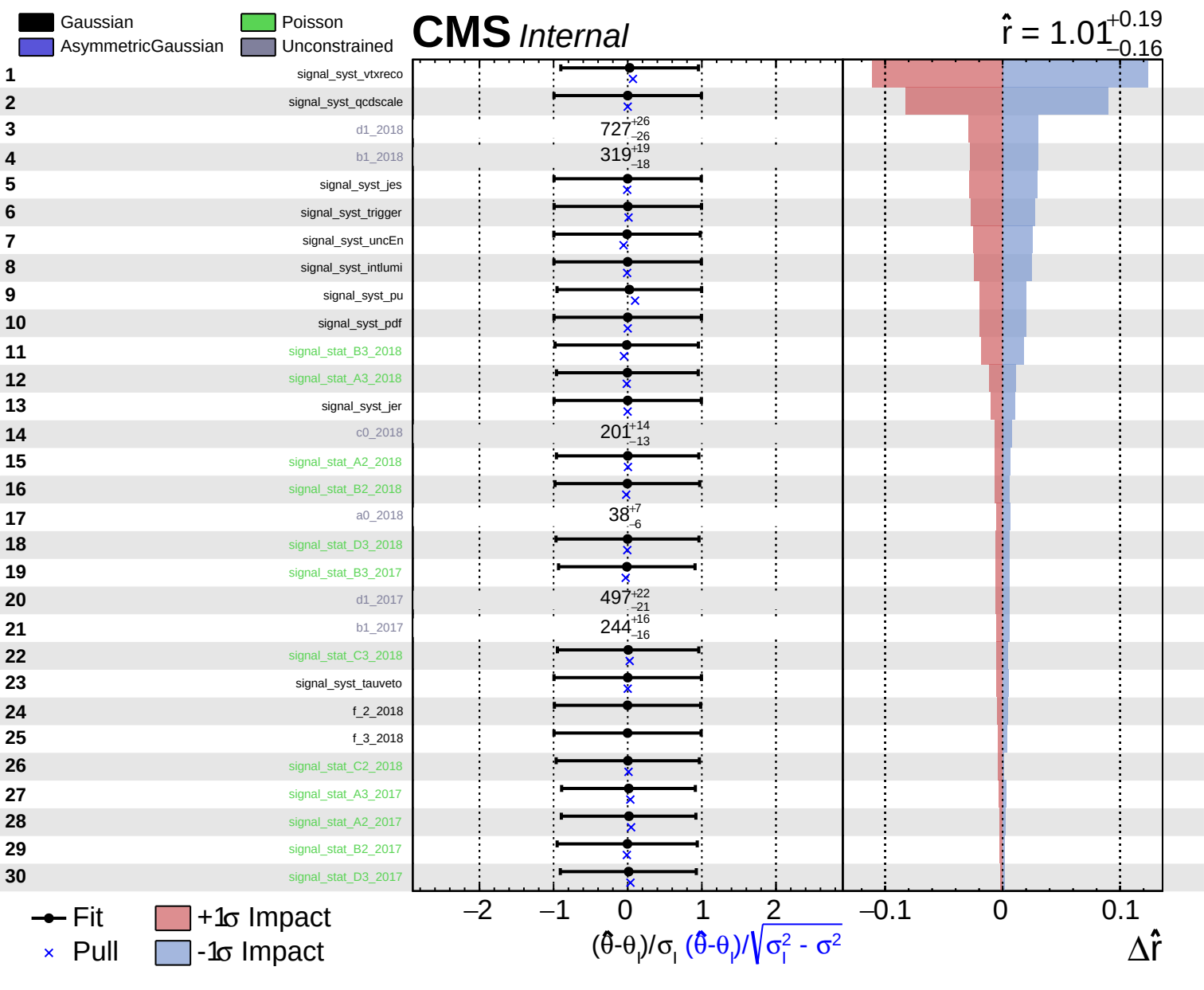
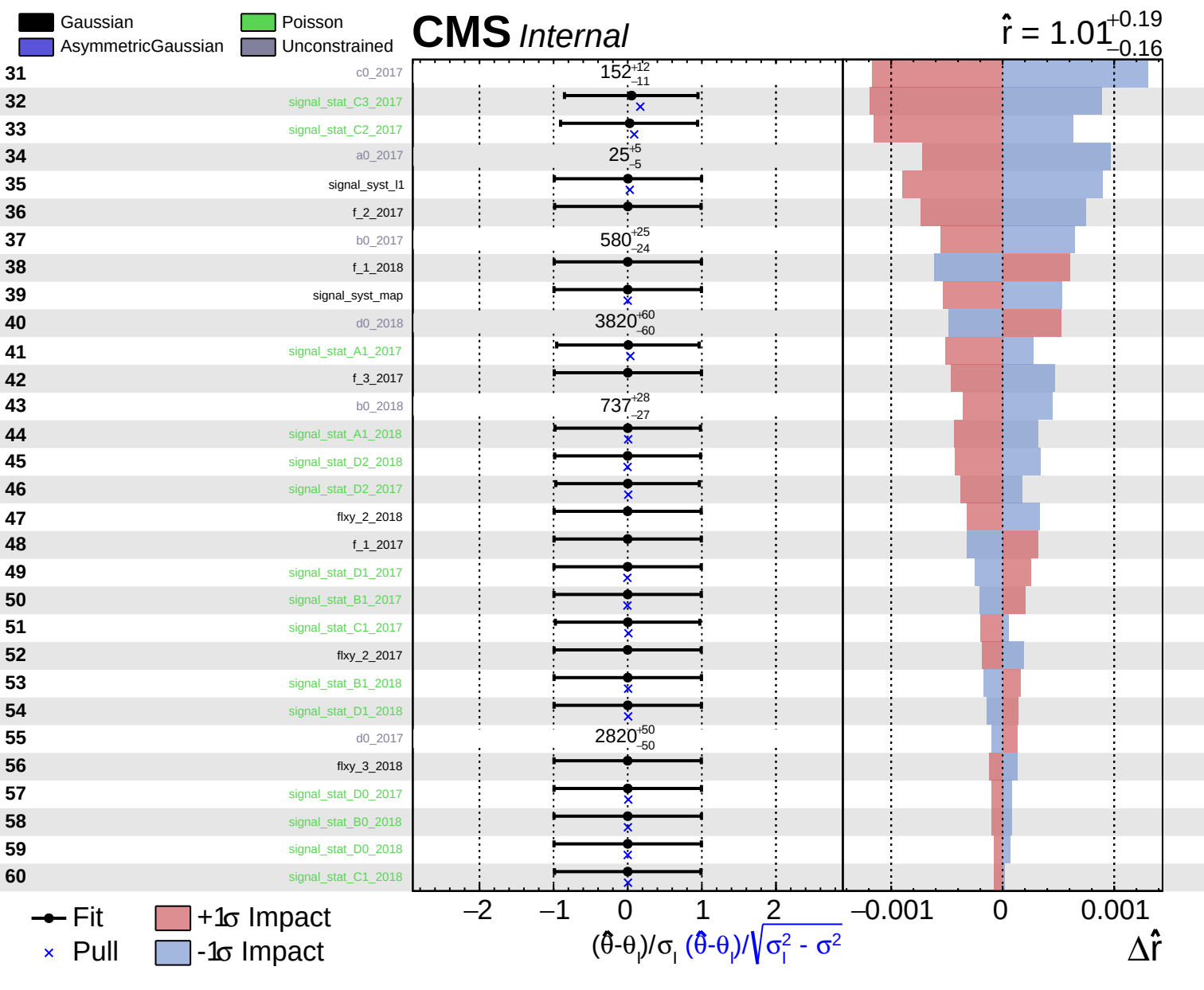
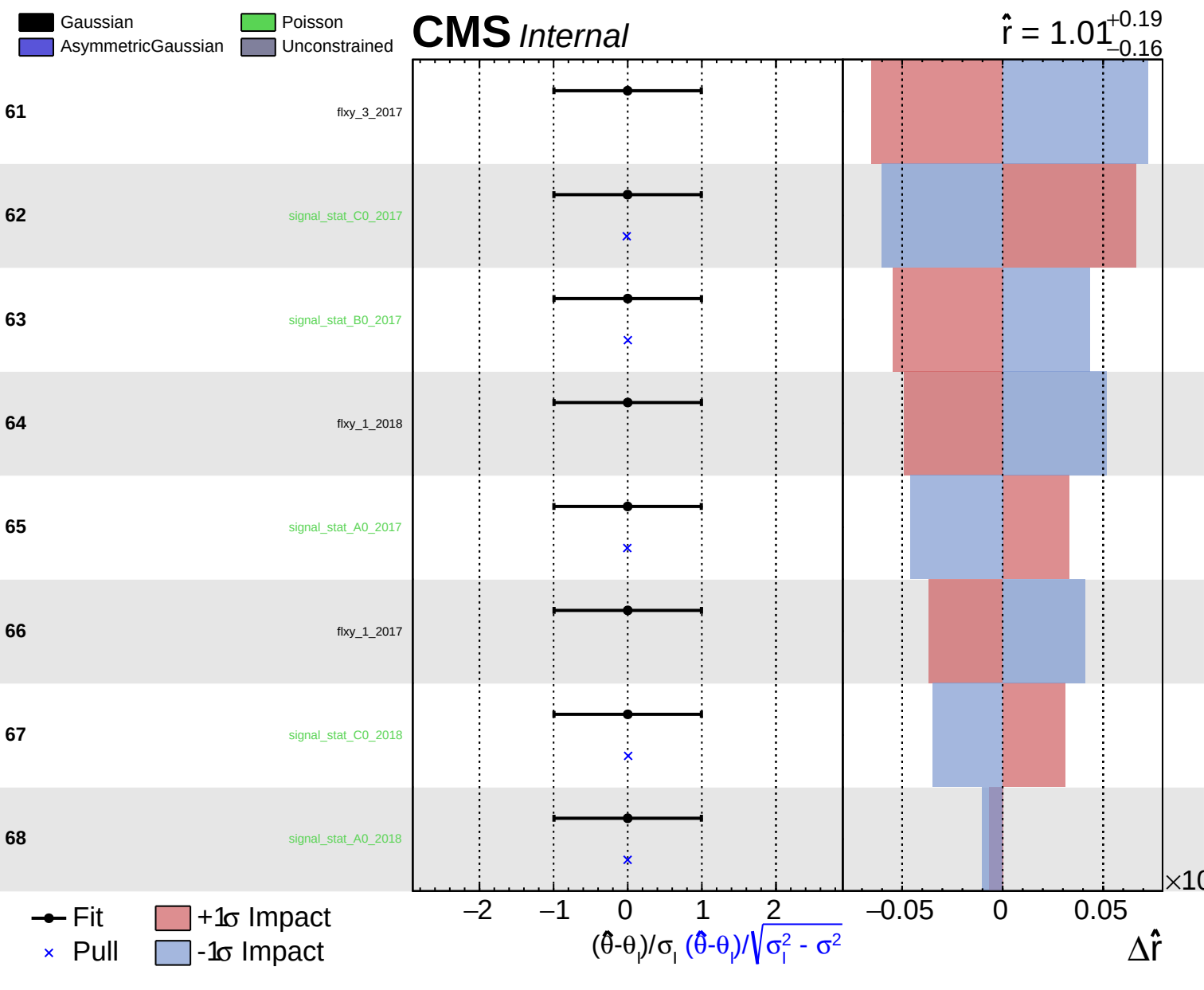

Gaussian
AsymmetricGaussian
Poisson
Unconstrained
CMS Internal
$\hat{r} = 1.01^{+0.19}_{-0.16}$
1 signal_syst_vtxreco
2 signal_syst_qcdscale
3 d1_2018 727^{+26}_{-26}
4 b1_2018 319^{+19}_{-18}
5 signal_syst_jes
6 signal_syst_trigger
7 signal_syst_uncEn
8 signal_syst_intlumi
9 signal_syst_pu
10 signal_syst_pdf
11 signal_stat_B3_2018
12 signal_stat_A3_2018
13 signal_syst_jer
14 c0_2018 201^{+14}_{-13}
15 signal_stat_A2_2018
16 signal_stat_B2_2018
17 a0_2018 38^{+7}_{-6}
18 signal_stat_D3_2018
19 signal_stat_B3_2017
20 d1_2017 497^{+22}_{-21}
21 b1_2017 244^{+16}_{-16}
22 signal_stat_C3_2018
23 signal_syst_tauveto
24 f_2_2018
25 f_3_2018
26 signal_stat_C2_2018
27 signal_stat_A3_2017
28 signal_stat_A2_2017
29 signal_stat_B2_2017
30 signal_stat_D3_2017
Fit
Pull
+1σ Impact
-1σ Impact
−2 −1 0 1 2
$(\hat{\theta}-\theta_I)/\sigma_I$
$(\hat{\theta}-\theta_I)/\sqrt{\sigma_I^2 - \sigma^2}$
−0.1 0 0.1
$\Delta\hat{r}$


Gaussian
AsymmetricGaussian
Poisson
Unconstrained
CMS Internal
r̂ = 1.01 +0.19 −0.16
31 c0_2017
32 signal_stat_C3_2017
33 signal_stat_C2_2017
34 a0_2017
35 signal_syst_l1
36 f_2_2017
37 b0_2017
38 f_1_2018
39 signal_syst_map
40 d0_2018
41 signal_stat_A1_2017
42 f_3_2017
43 b0_2018
44 signal_stat_A1_2018
45 signal_stat_D2_2018
46 signal_stat_D2_2017
47 flxy_2_2018
48 f_1_2017
49 signal_stat_D1_2017
50 signal_stat_B1_2017
51 signal_stat_C1_2017
52 flxy_2_2017
53 signal_stat_B1_2018
54 signal_stat_D1_2018
55 d0_2017
56 flxy_3_2018
57 signal_stat_D0_2017
58 signal_stat_B0_2018
59 signal_stat_D0_2018
60 signal_stat_C1_2018
152 +12 −11
25 +5 −5
580 +25 −24
3820 +60 −60
737 +28 −27
2820 +50 −50
−2 −1 0 1 2
(θ̂-θ_I)/σ_I
−0.001 0 0.001
(θ̂-θ_I)/√(σ_I² - σ²)
Δr̂
Fit
Pull
+1σ Impact
-1σ Impact


Gaussian
AsymmetricGaussian
Poisson
Unconstrained
CMS Internal
r̂ = 1.01 +0.19 −0.16
61 flxy_3_2017
62 signal_stat_C0_2017
63 signal_stat_B0_2017
64 flxy_1_2018
65 signal_stat_A0_2017
66 flxy_1_2017
67 signal_stat_C0_2018
68 signal_stat_A0_2018
×10
−2 −1 0 1 2
(θ̂-θ_I)/σ_I
−0.05 0 0.05
(θ̂-θ_I)/√(σ_I² - σ²)
Δr̂
Fit
Pull
+1σ Impact
-1σ Impact