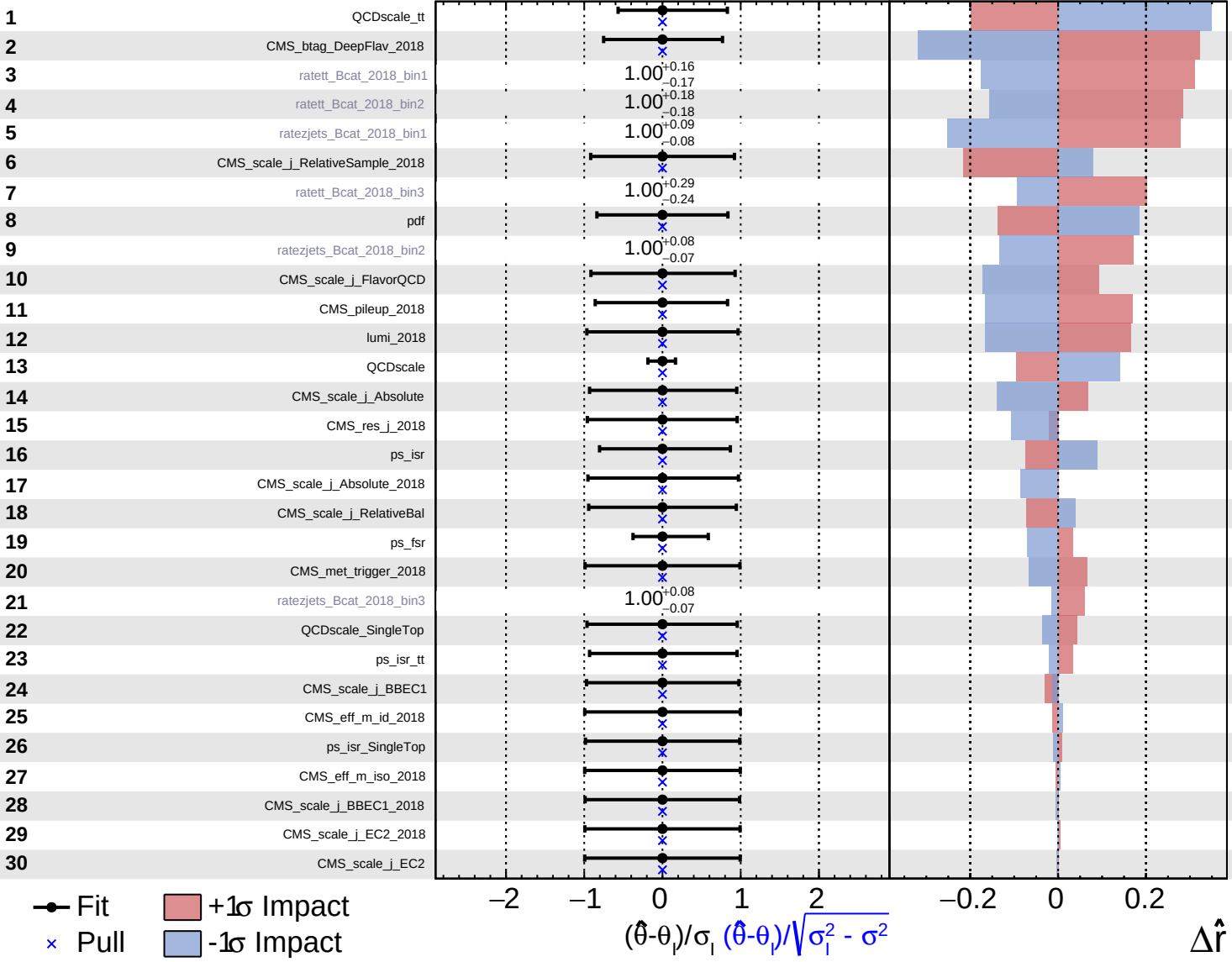


Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS Internal

$\hat{r} = 0.0^{+2.3}_{-2.3}$



Gaussian

Poisson

AsymmetricGaussian

Unconstrained

CMS

Internal

$\hat{r}$

= 0.0

$^{+2.3}_{-2.3}$

31

CMS_l1_prefire_2018

32

CMS_scale_j_HF

33

CMS_scale_j_HF_2018

Fit

+1 σ Impact

Pull

-1 σ Impact

-2

-1

0

1

2

$(\hat{\theta}-\theta_l)/\sigma_l$

$(\hat{\theta}-\theta_l)/\sqrt{\sigma_l^2 - \sigma^2}$

-0.1

0

0.1

$\Delta \hat{r}$

$\times 10$