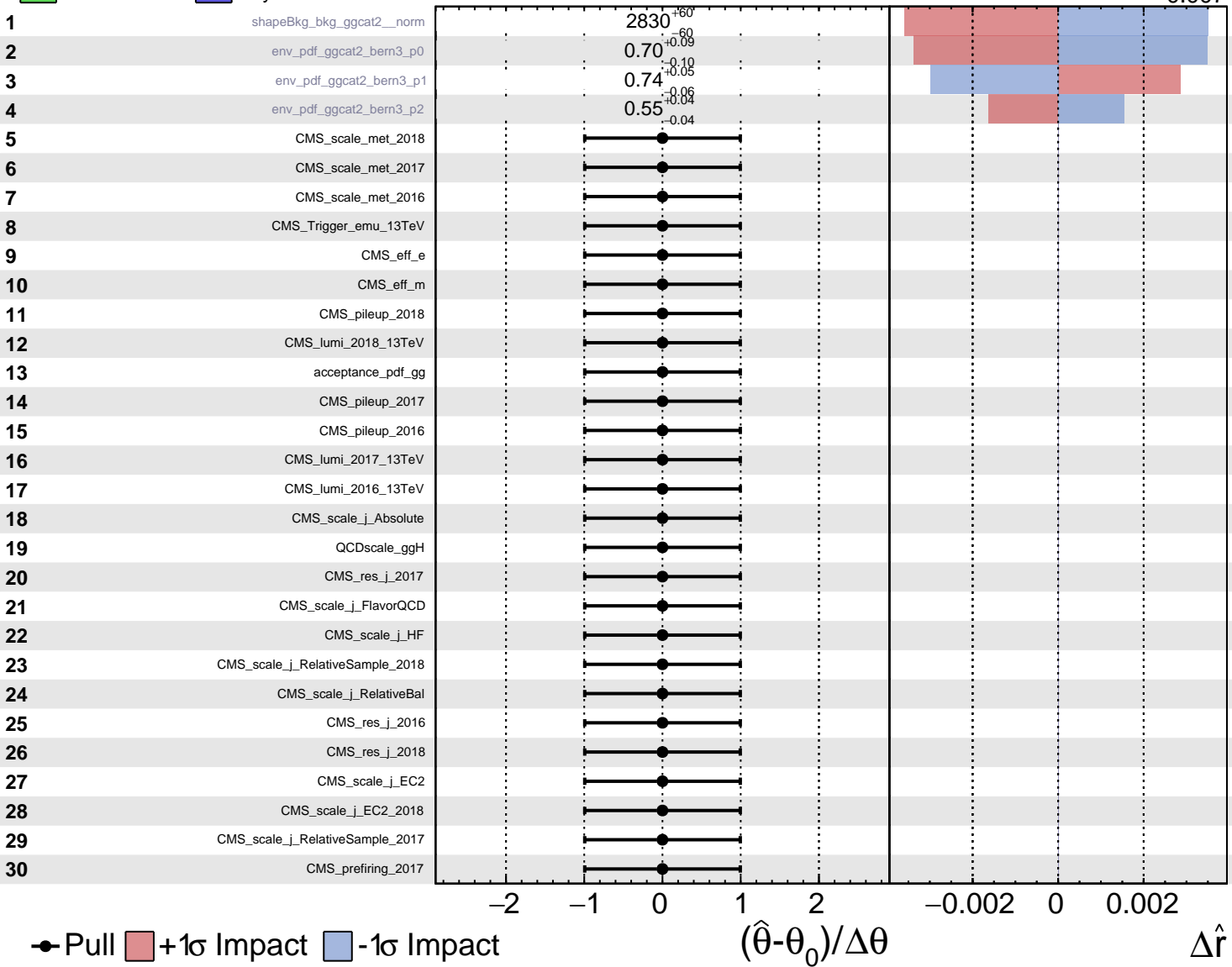


Unconstrained
  Gaussian
  Poisson
  Asymmetric

# CMS Internal

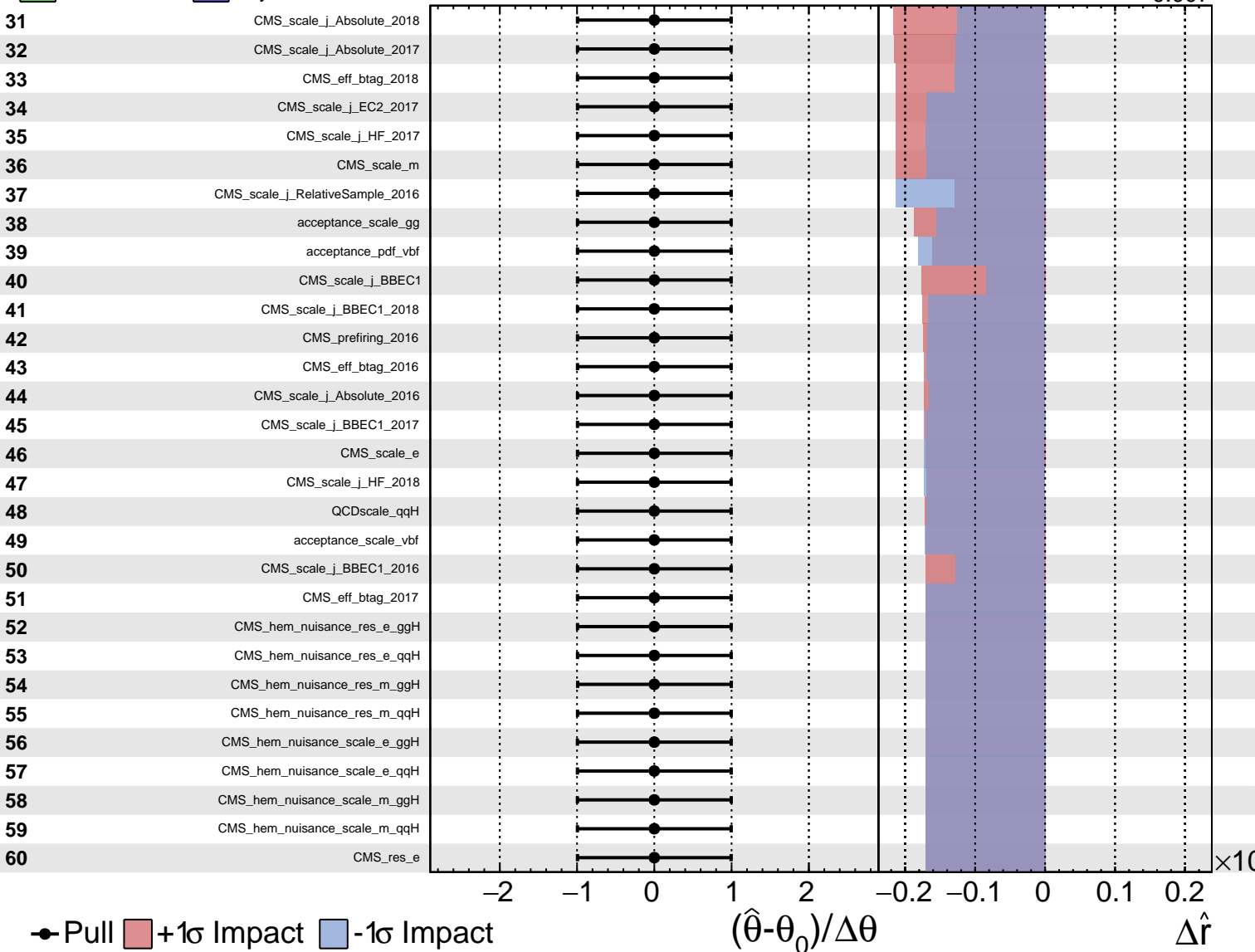
$\hat{r} = -0.000$   
 $-0.007$   $+0.007$



Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

**CMS Internal**

$\hat{r} = -0.000^{+0.007}_{-0.007}$



Unconstrained Poisson Gaussian AsymmetricGaussian

CMS Internal

$\hat{r} = -0.000^{+0.007}_{-0.007}$

61

CMS\_scale\_j\_HF\_2016

62

CMS\_scale\_j\_EC2\_2016

→ Pull +1σ Impact -1σ Impact

$(\hat{\theta} - \theta_0) / \Delta\theta$

$\Delta\hat{r}$

$\times 10$

