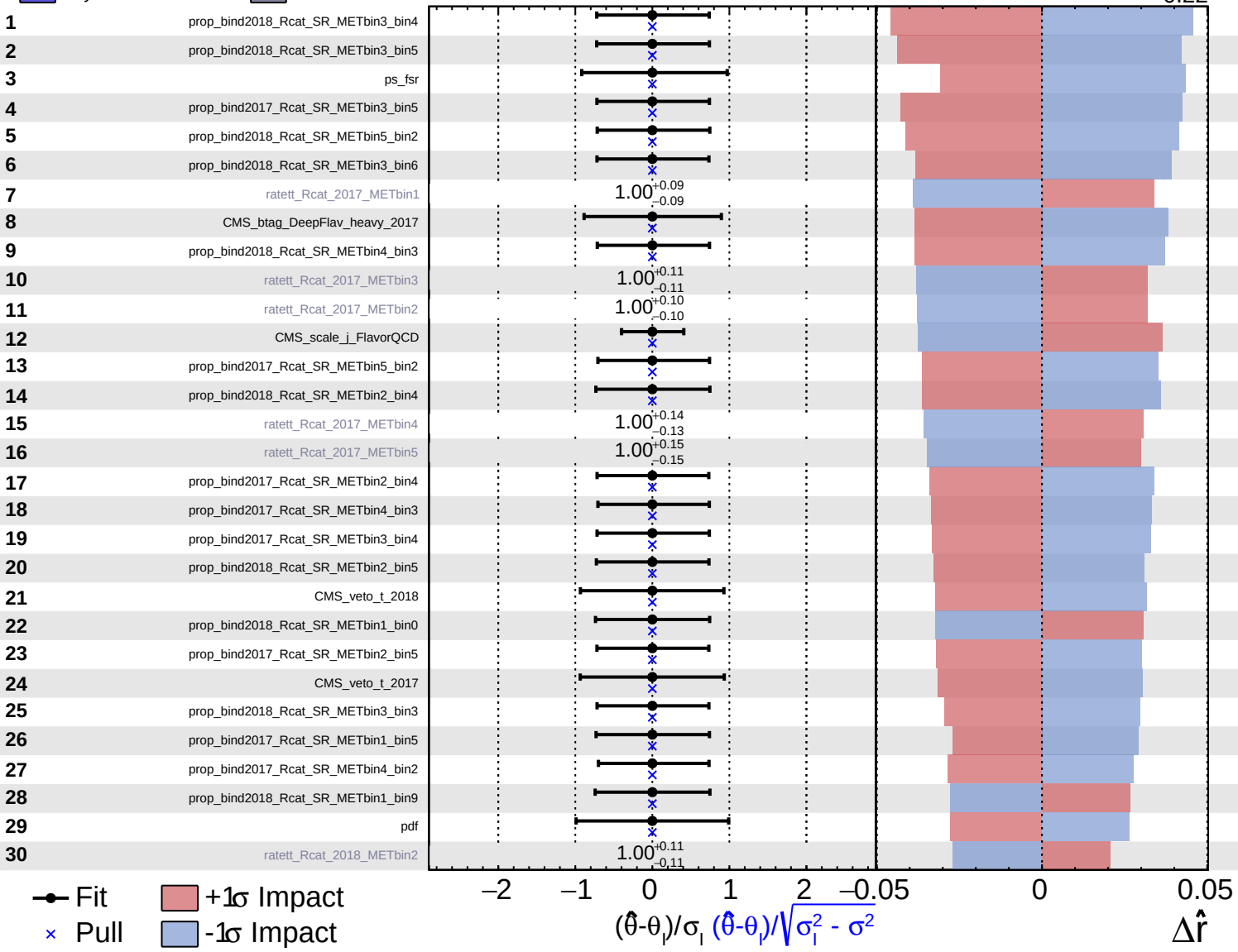


Gaussian
 AsymmetricGaussian
 Poisson
 Unconstrained

CMS Internal

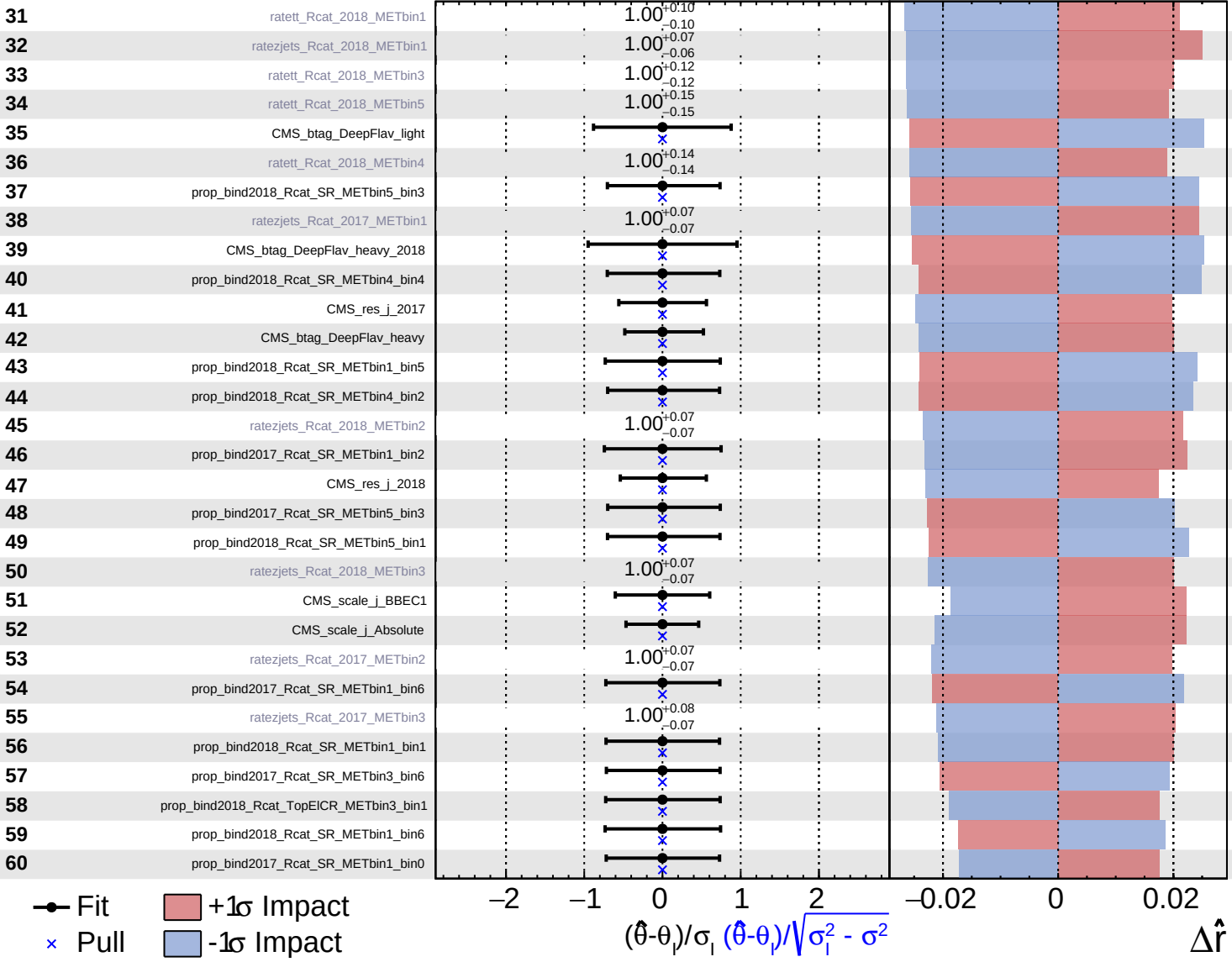
$\hat{r} = 1.00^{+0.23}_{-0.22}$

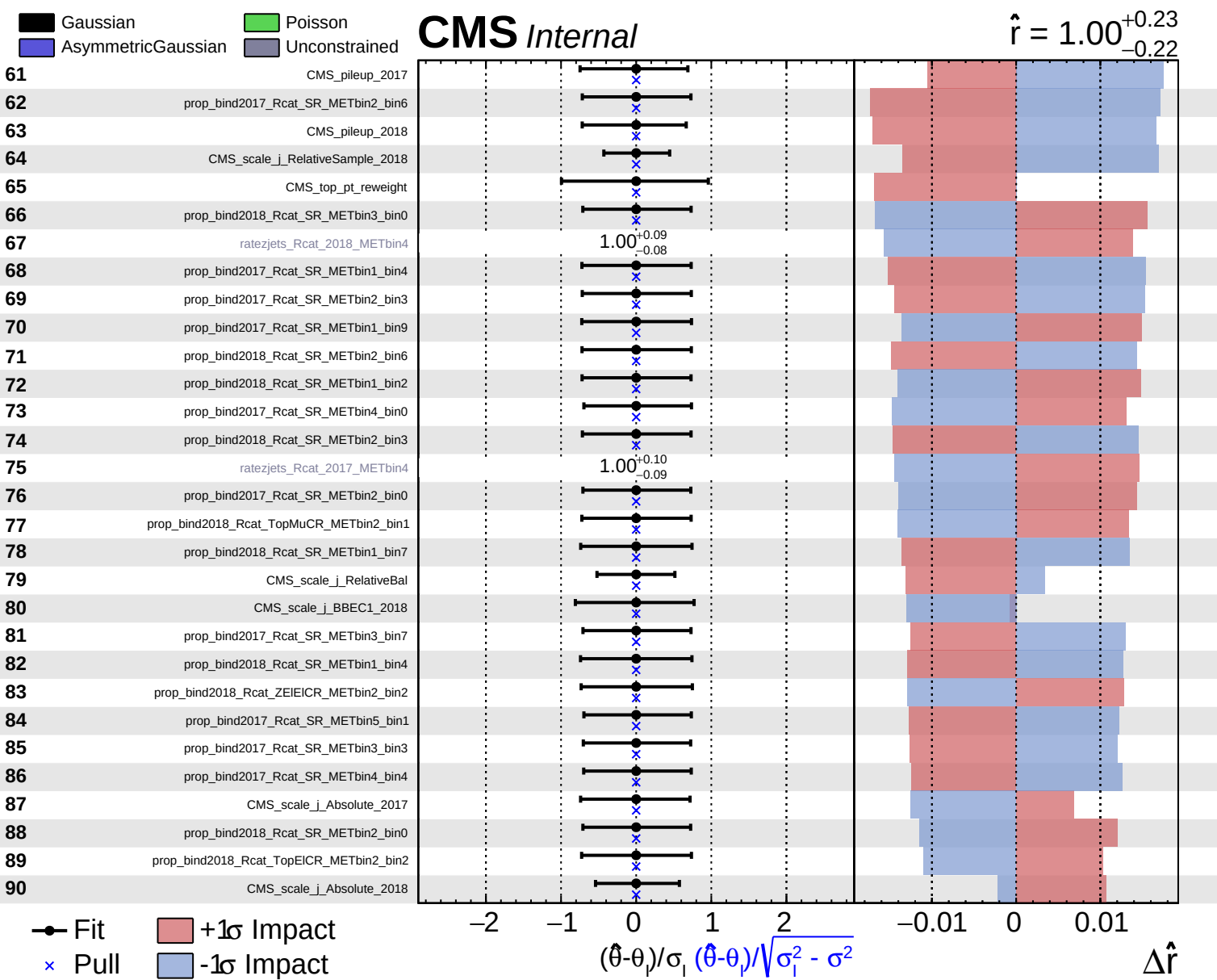


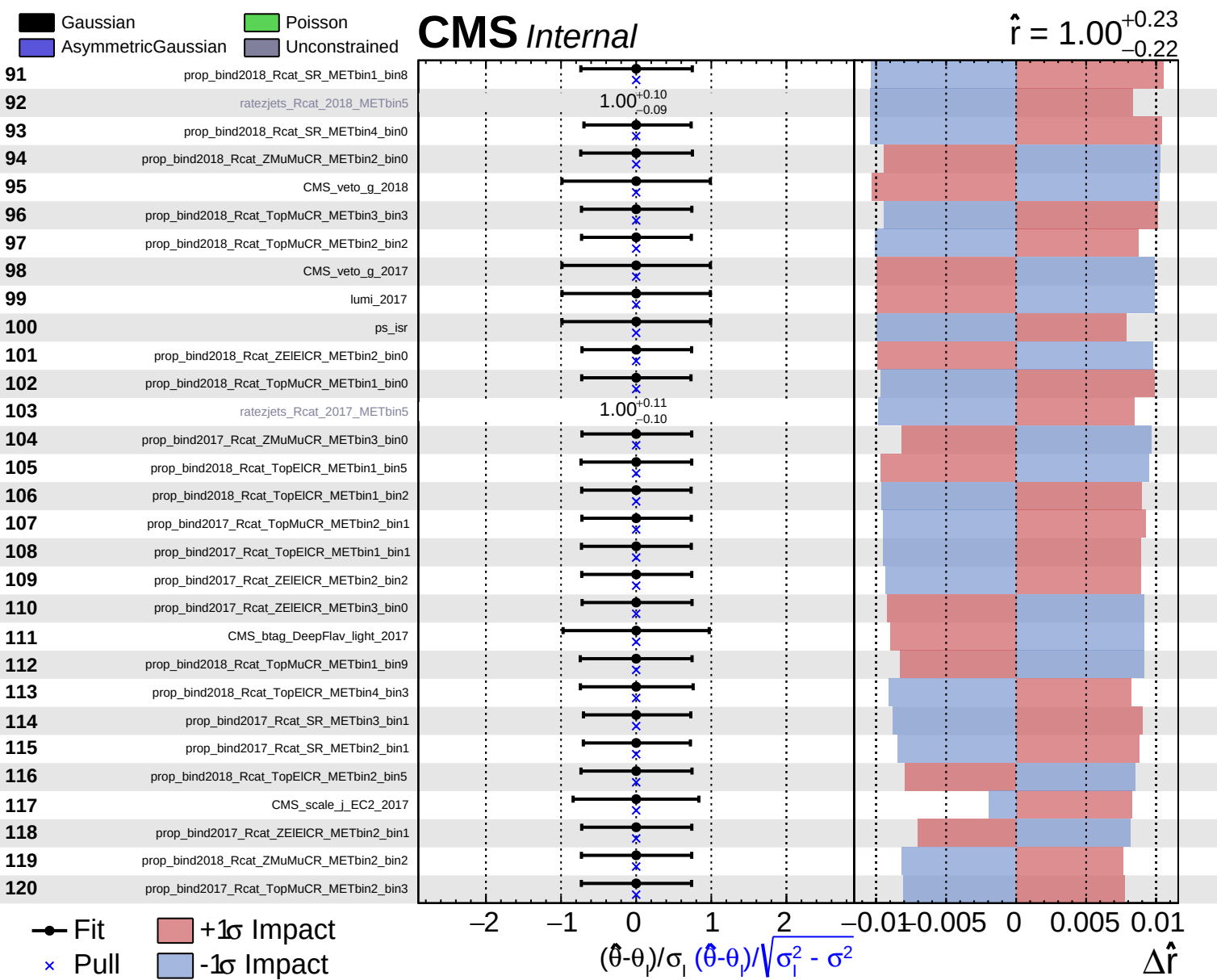
Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

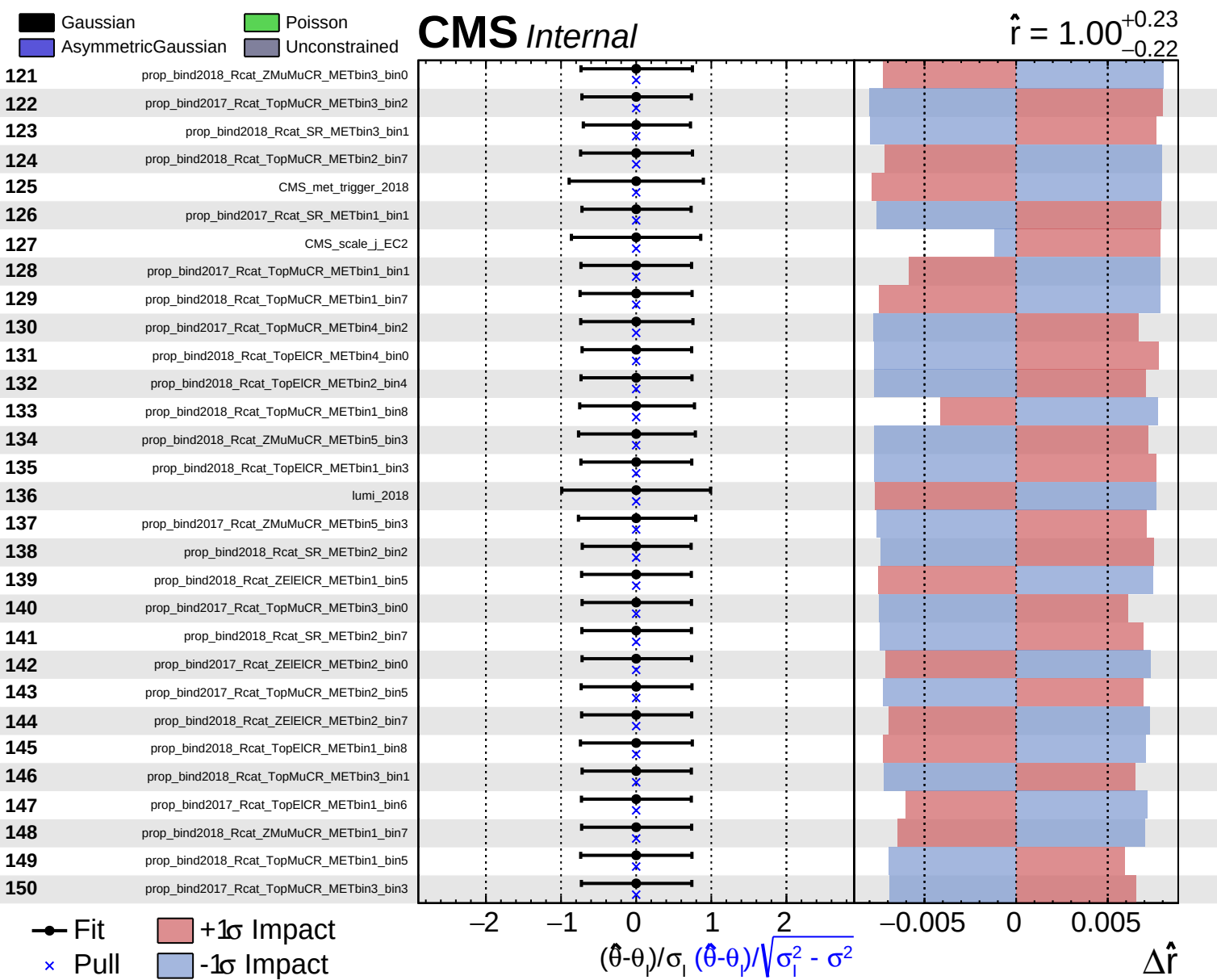
CMS *Internal*

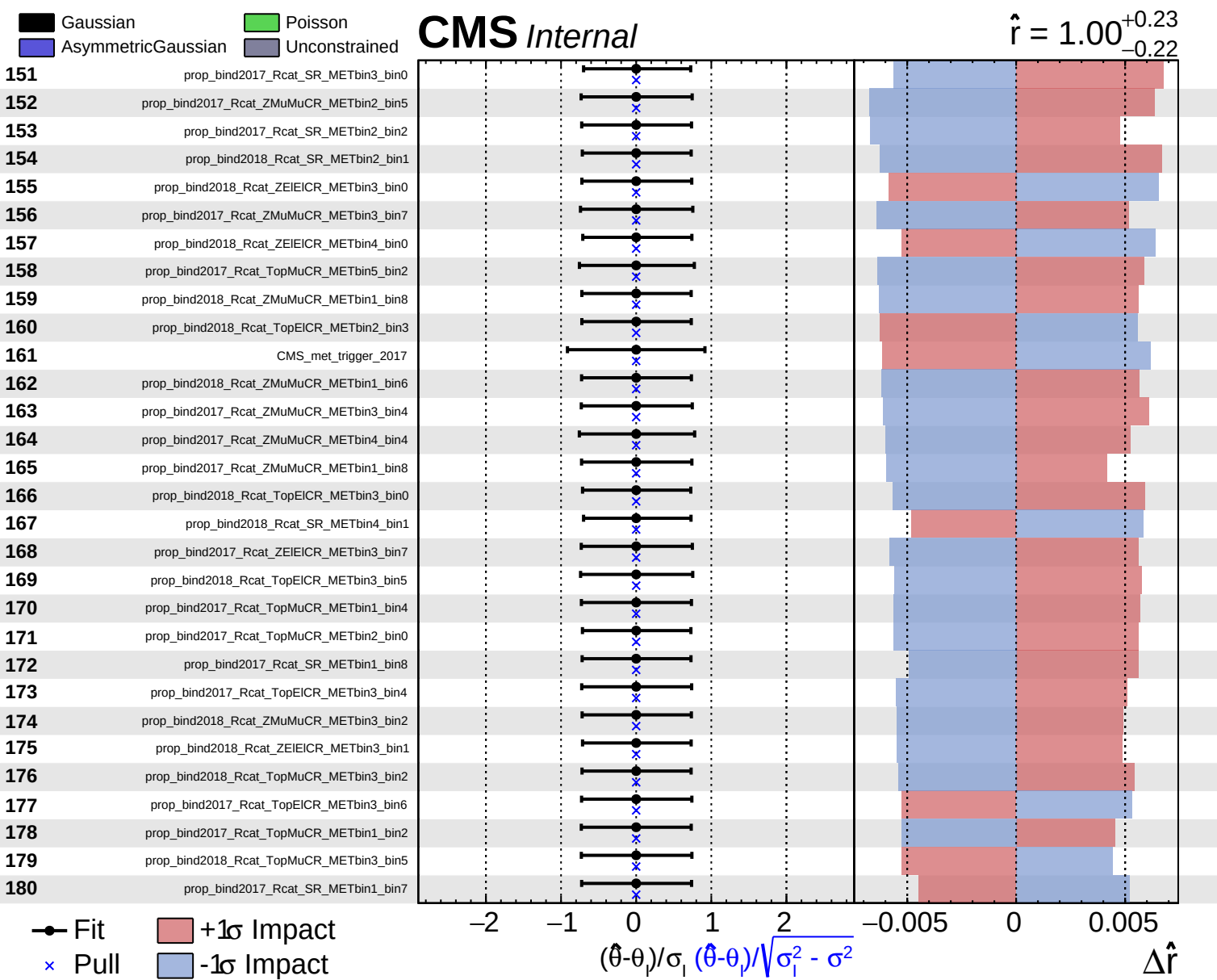
$\hat{r} = 1.00^{+0.23}_{-0.22}$

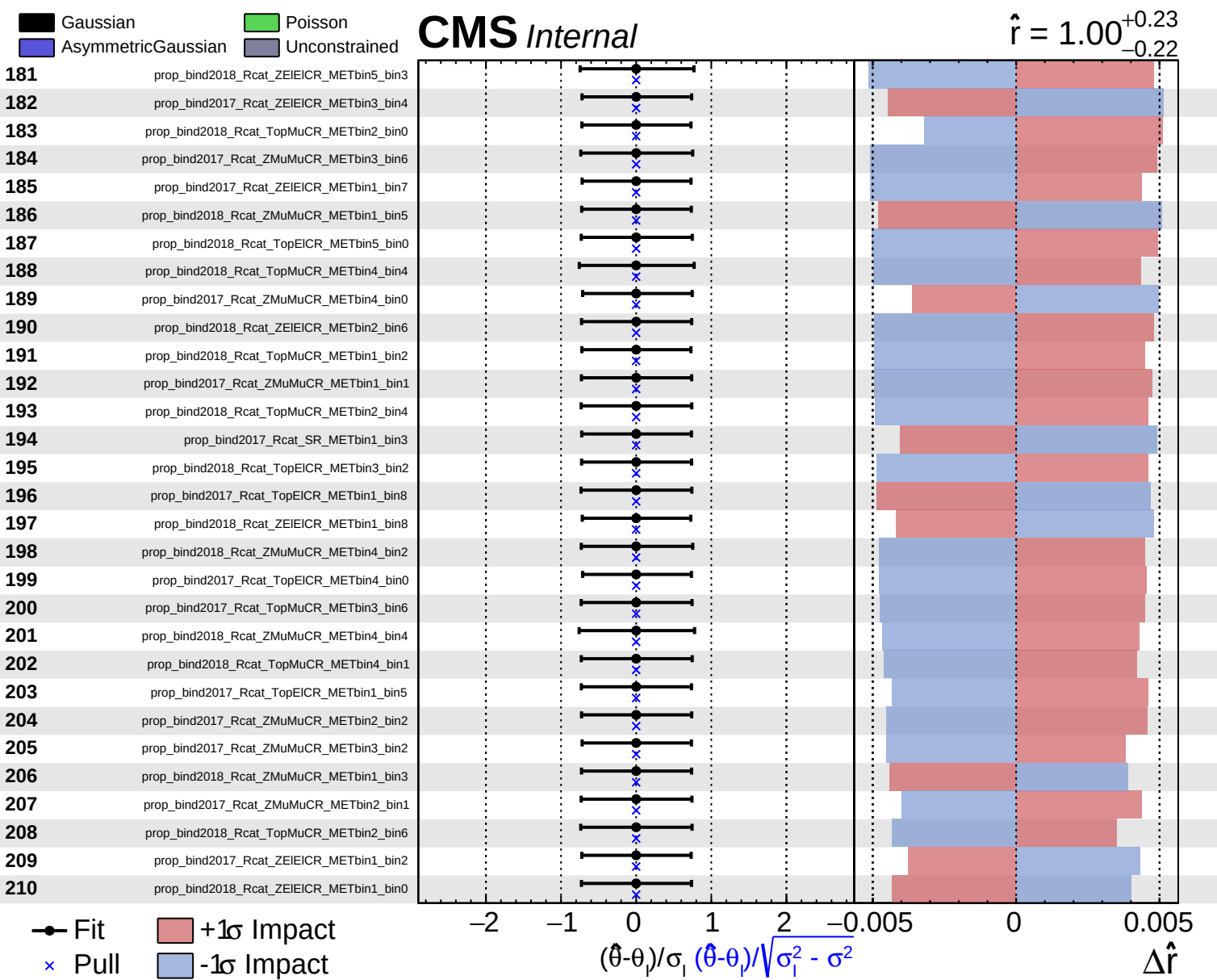


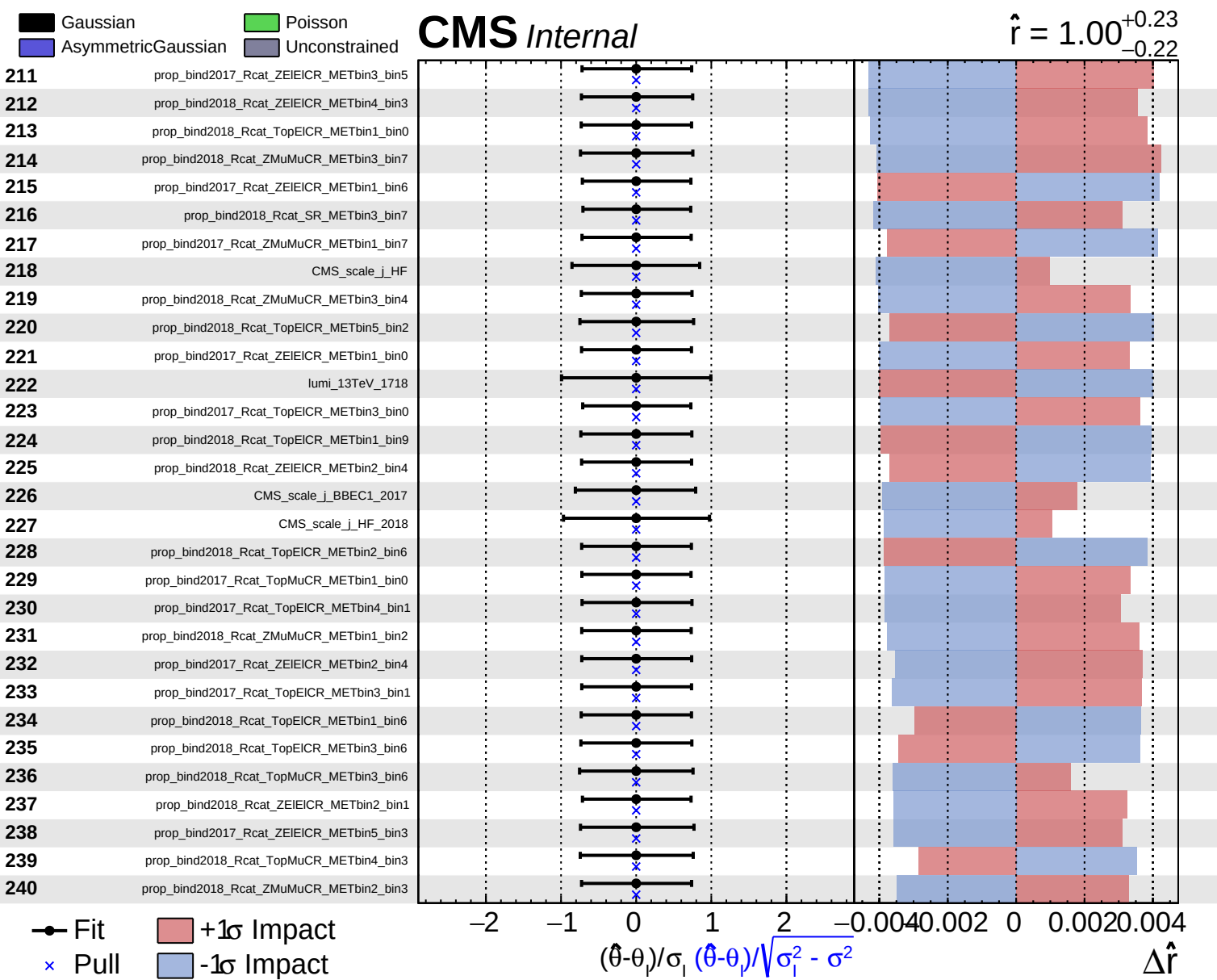


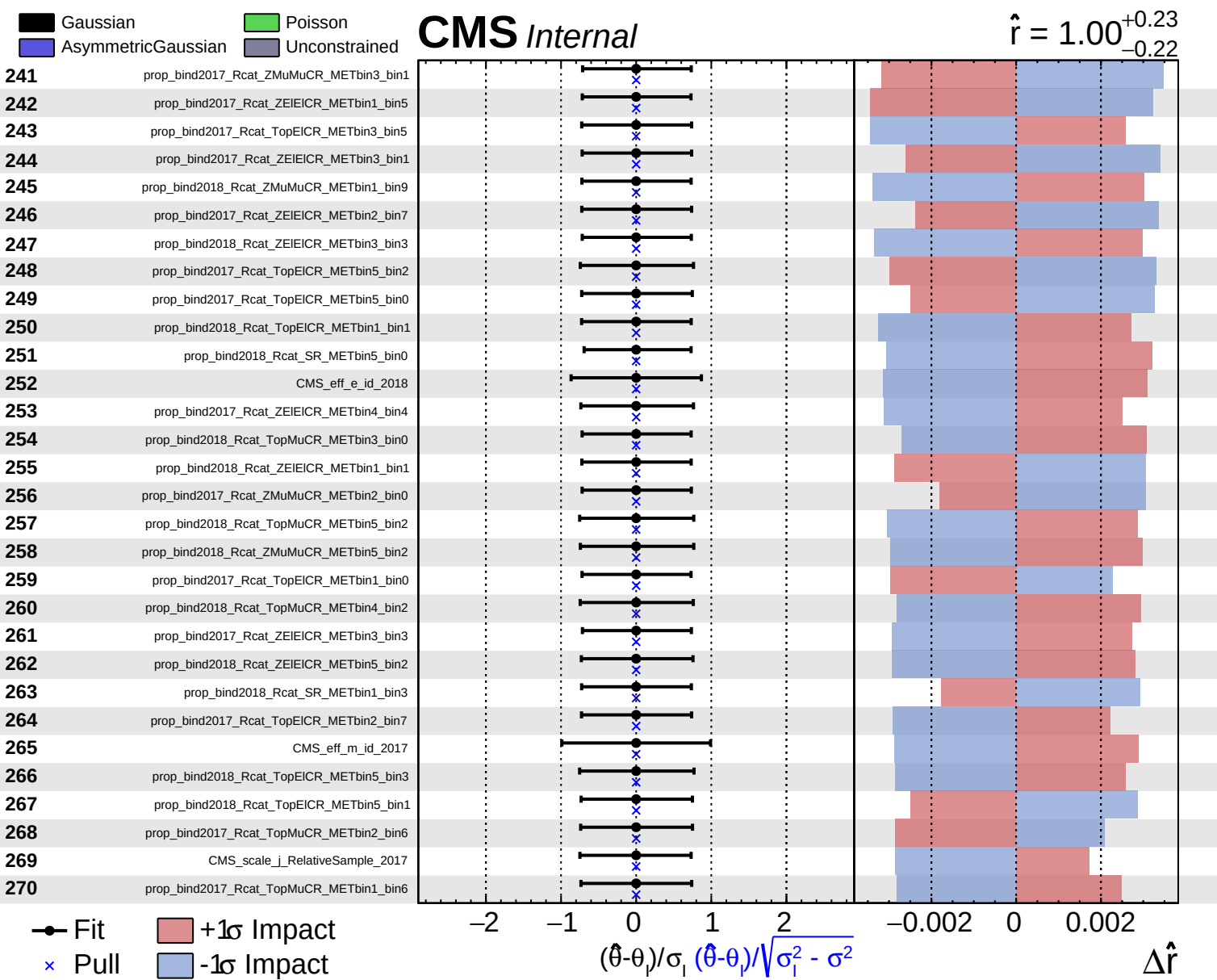


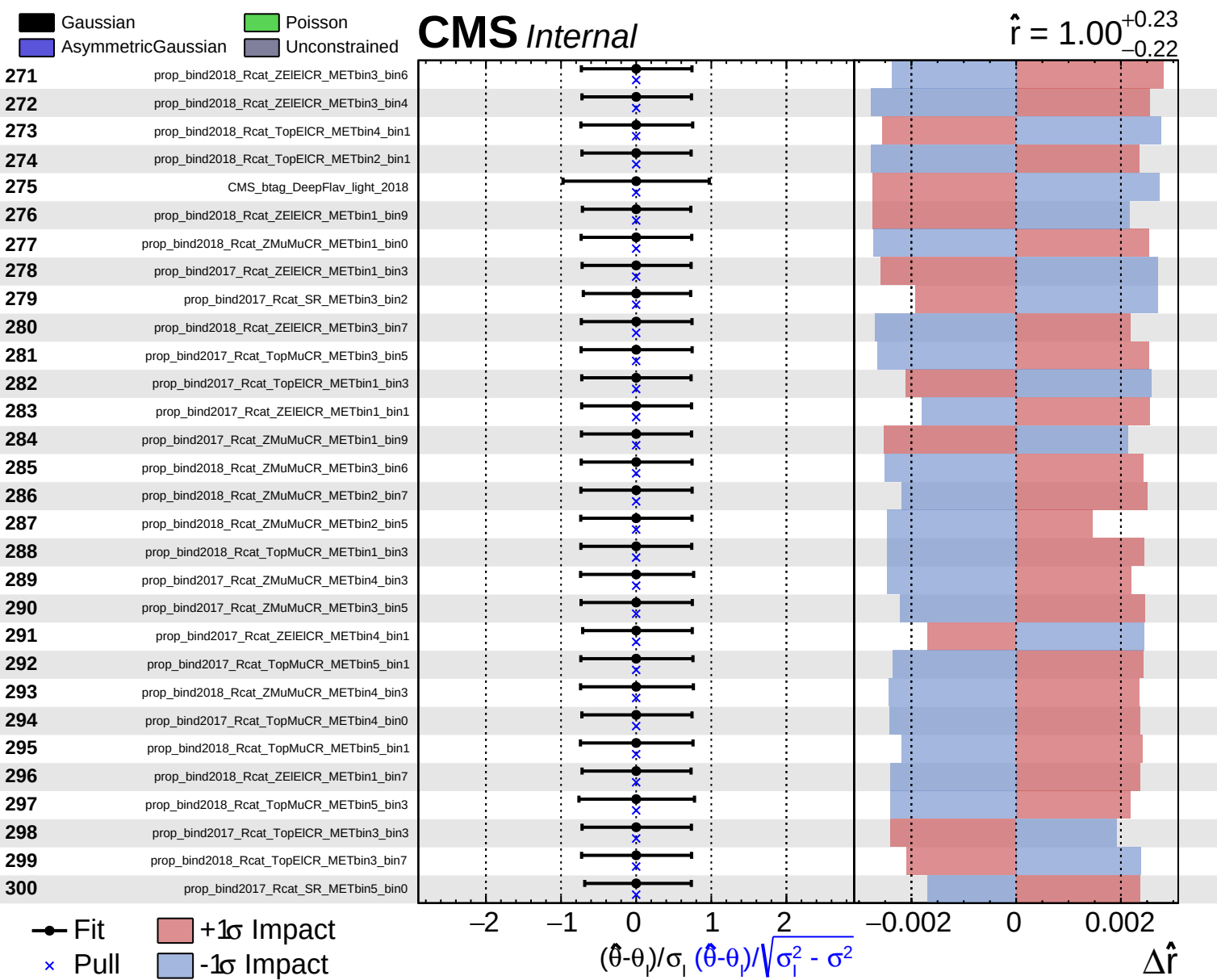






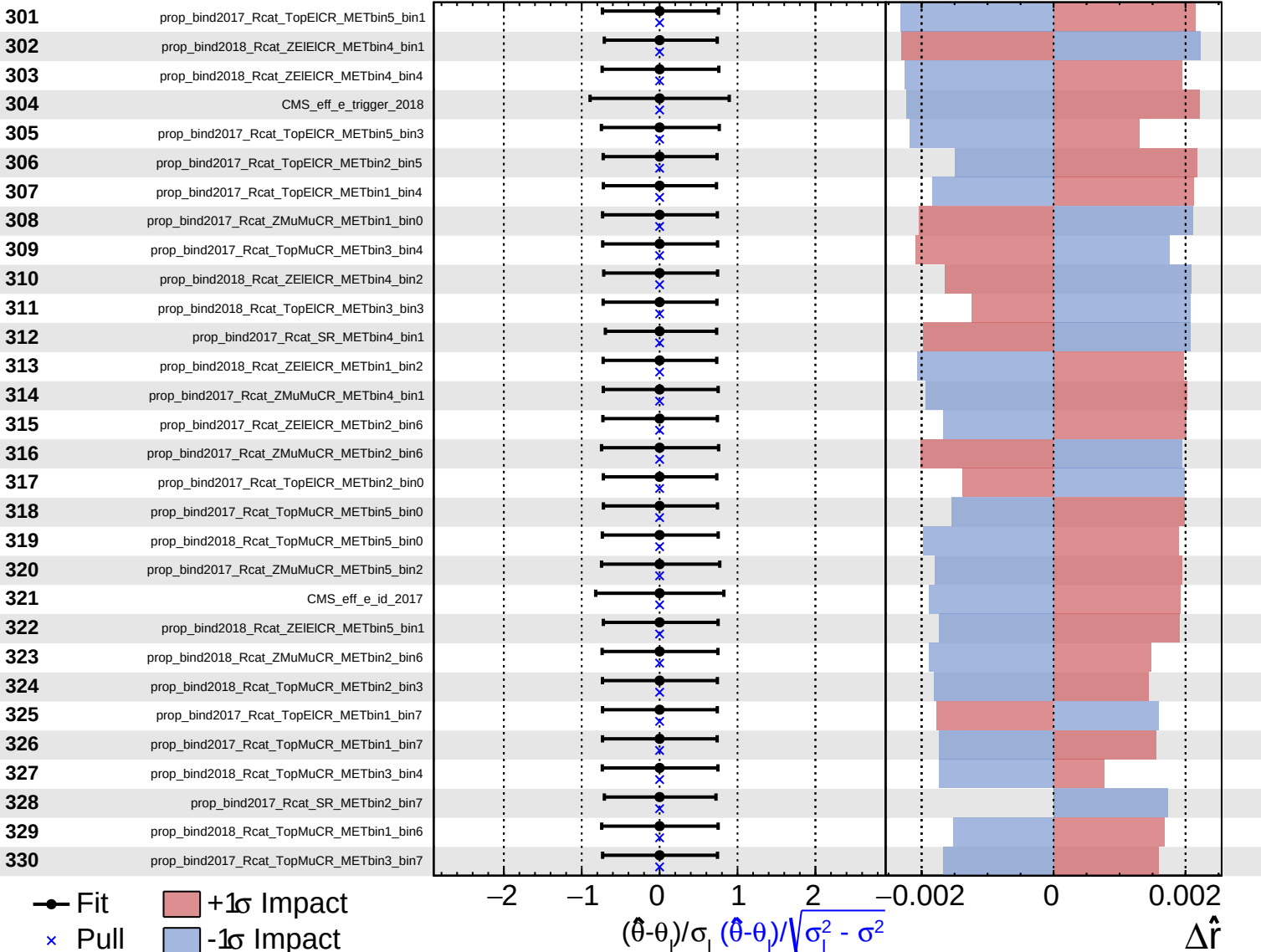


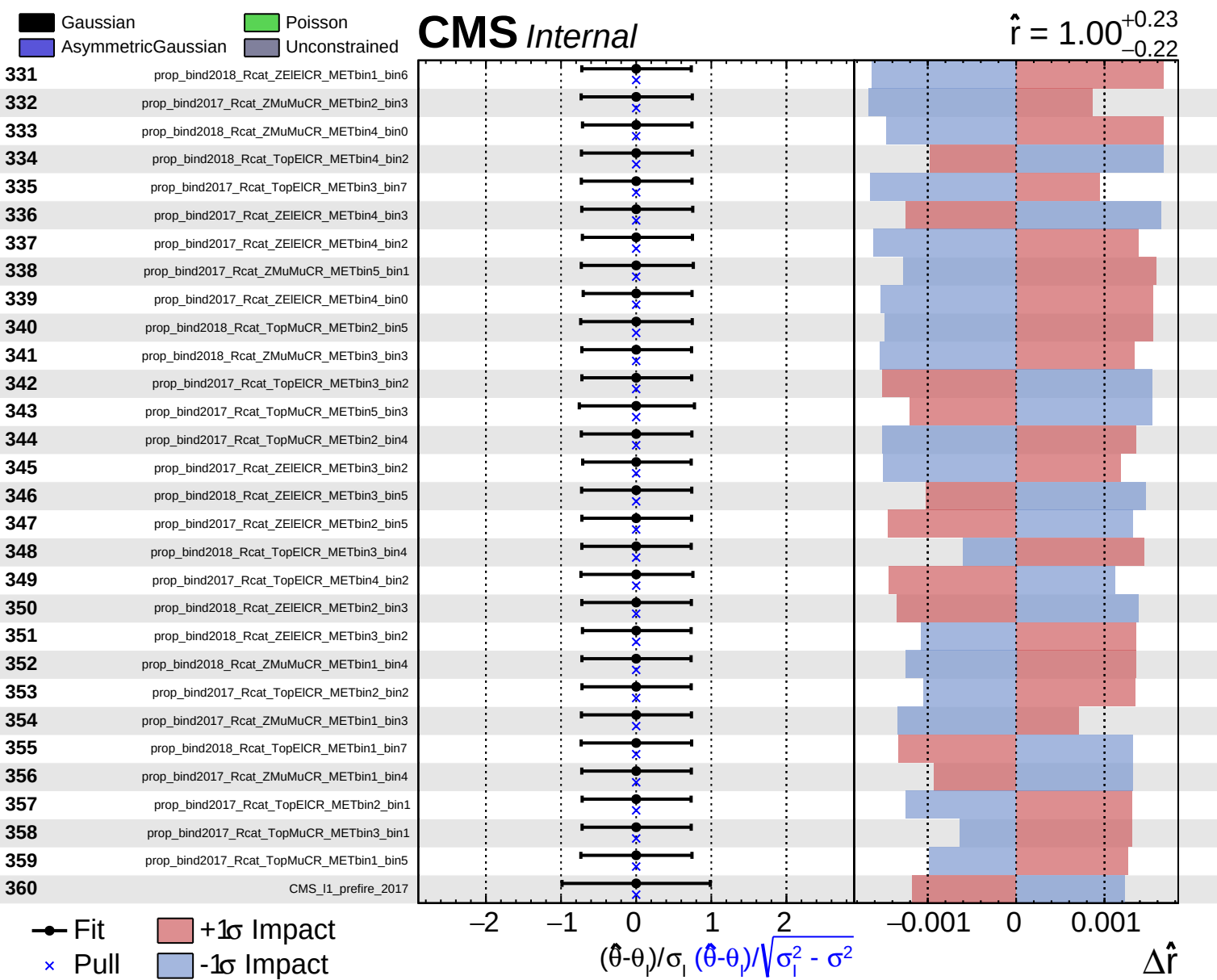


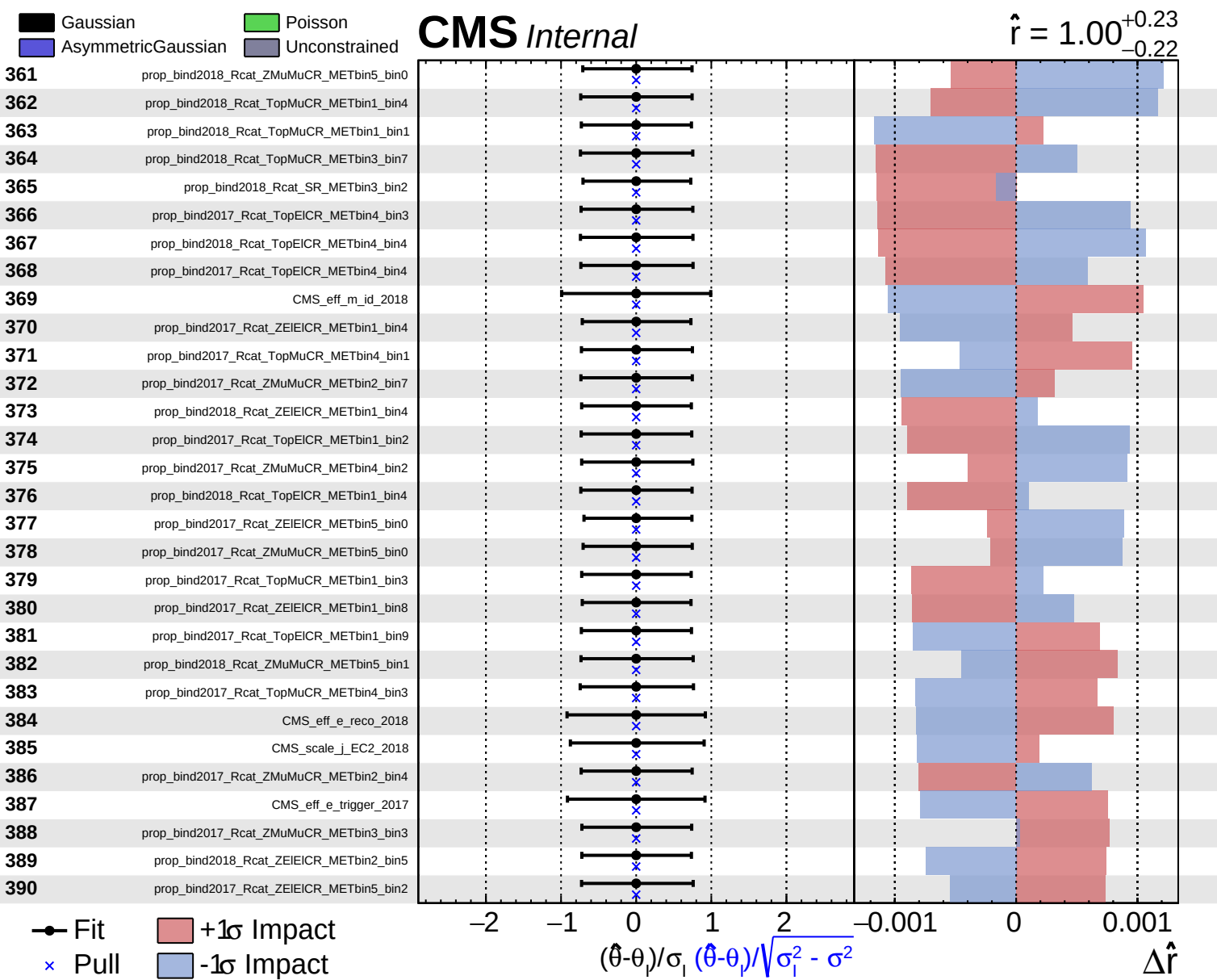


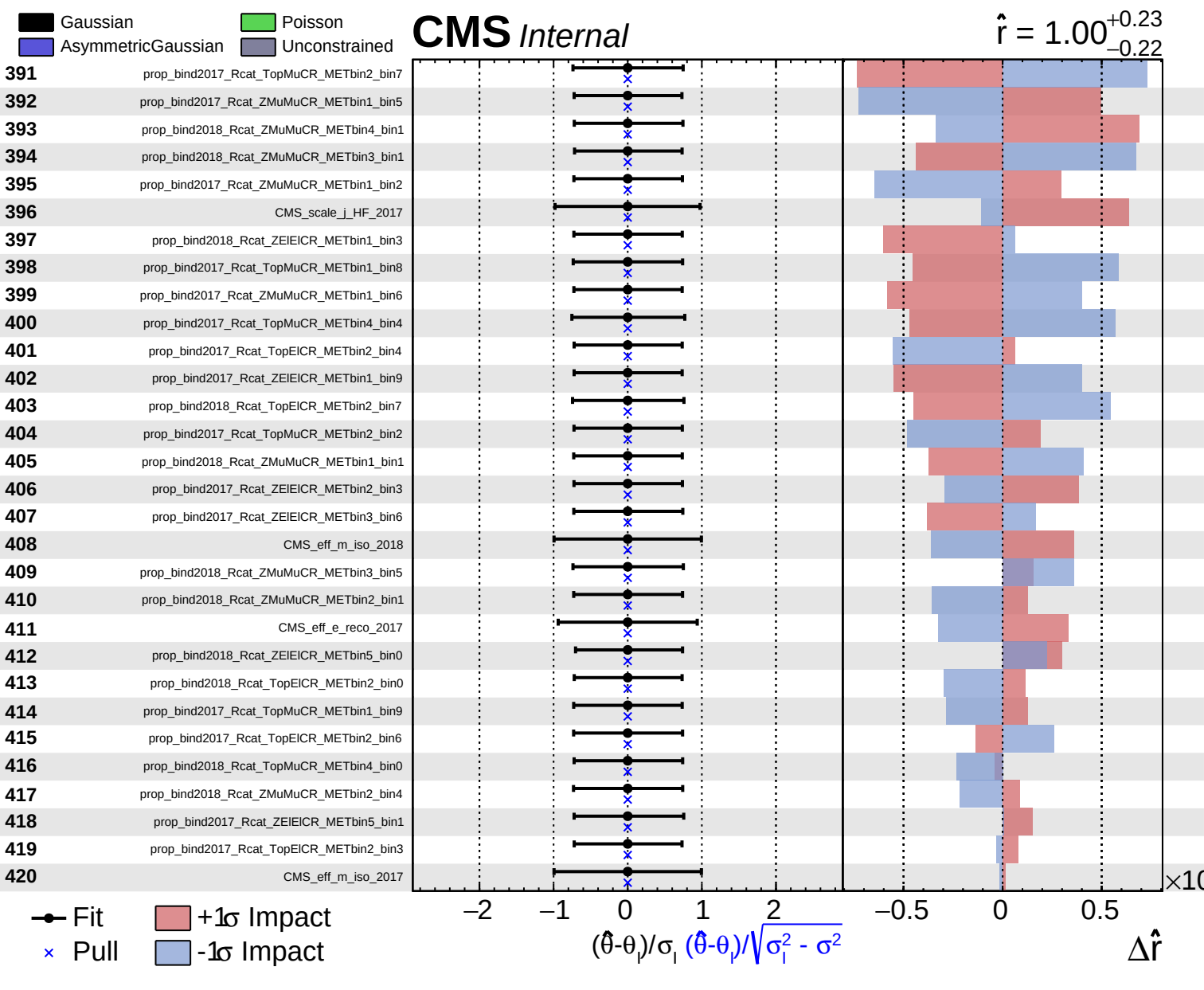
■ Poisson

 Unconstrained

$$\hat{r} = 1.00^{+0.23}_{-0.22}$$








Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS *Internal*

$\hat{r} = 1.00^{+0.23}_{-0.22}$

421

CMS_l1_prefire_2018

422

QCDscale_Fact_Zp1000_Chi100

423

QCDscale_Renorm_Zp1000_Chi100

Fit
 +1 σ Impact
 -1 σ Impact
 Pull

