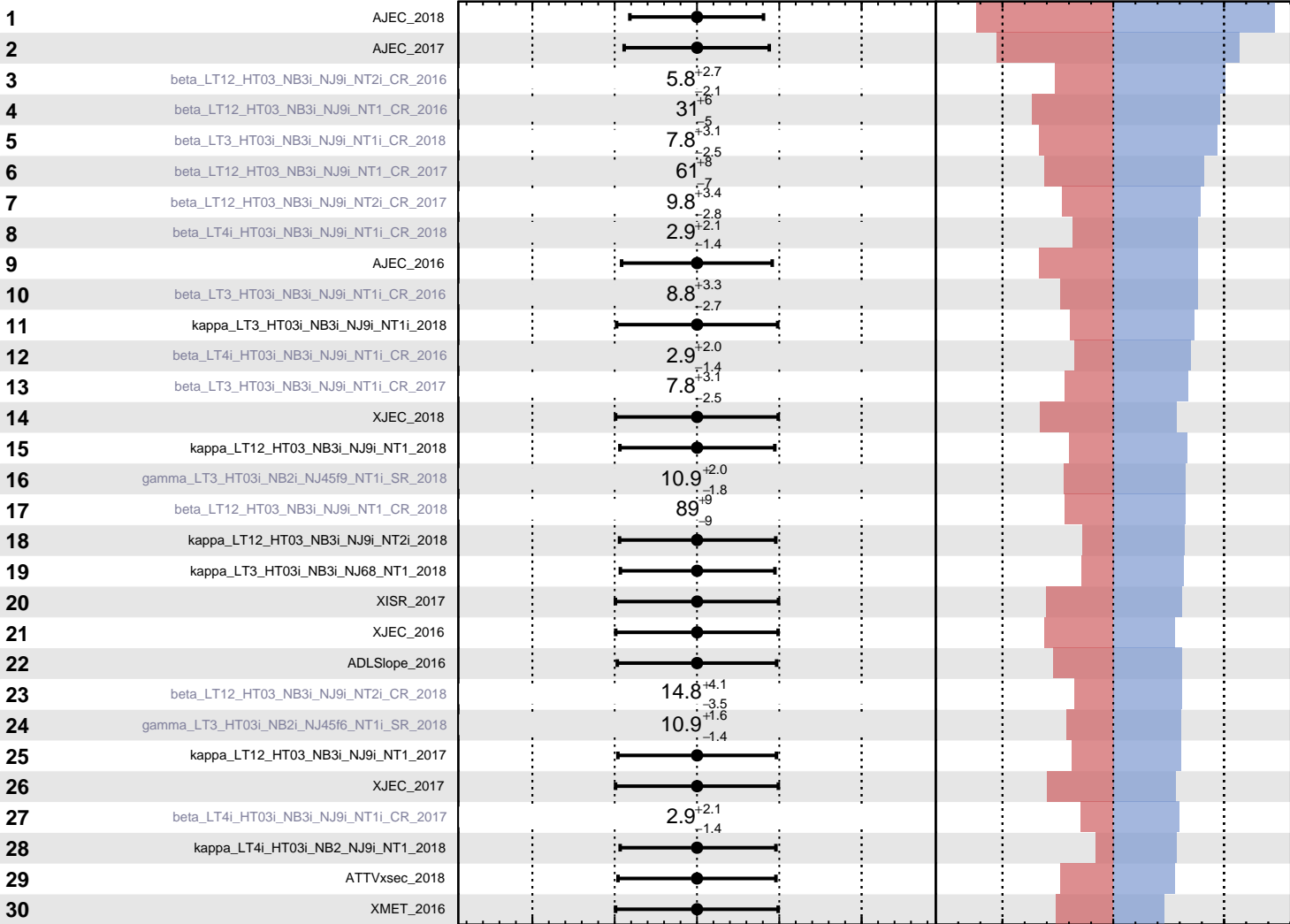


Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS Internal

$\hat{r} = 1.0^{+0.5}_{-0.5}$



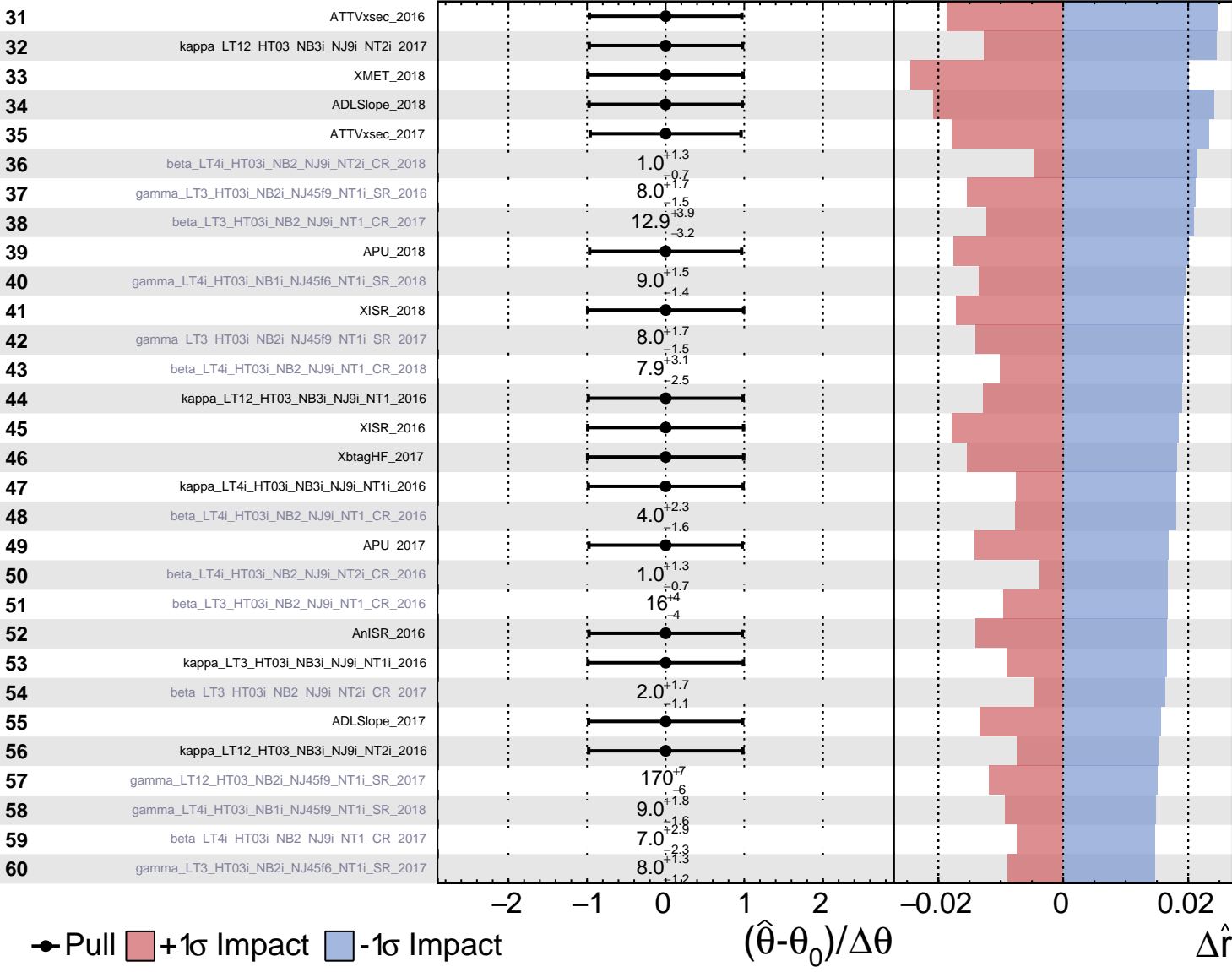
Pull
 +1 σ Impact
 -1 σ Impact

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

Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS Internal

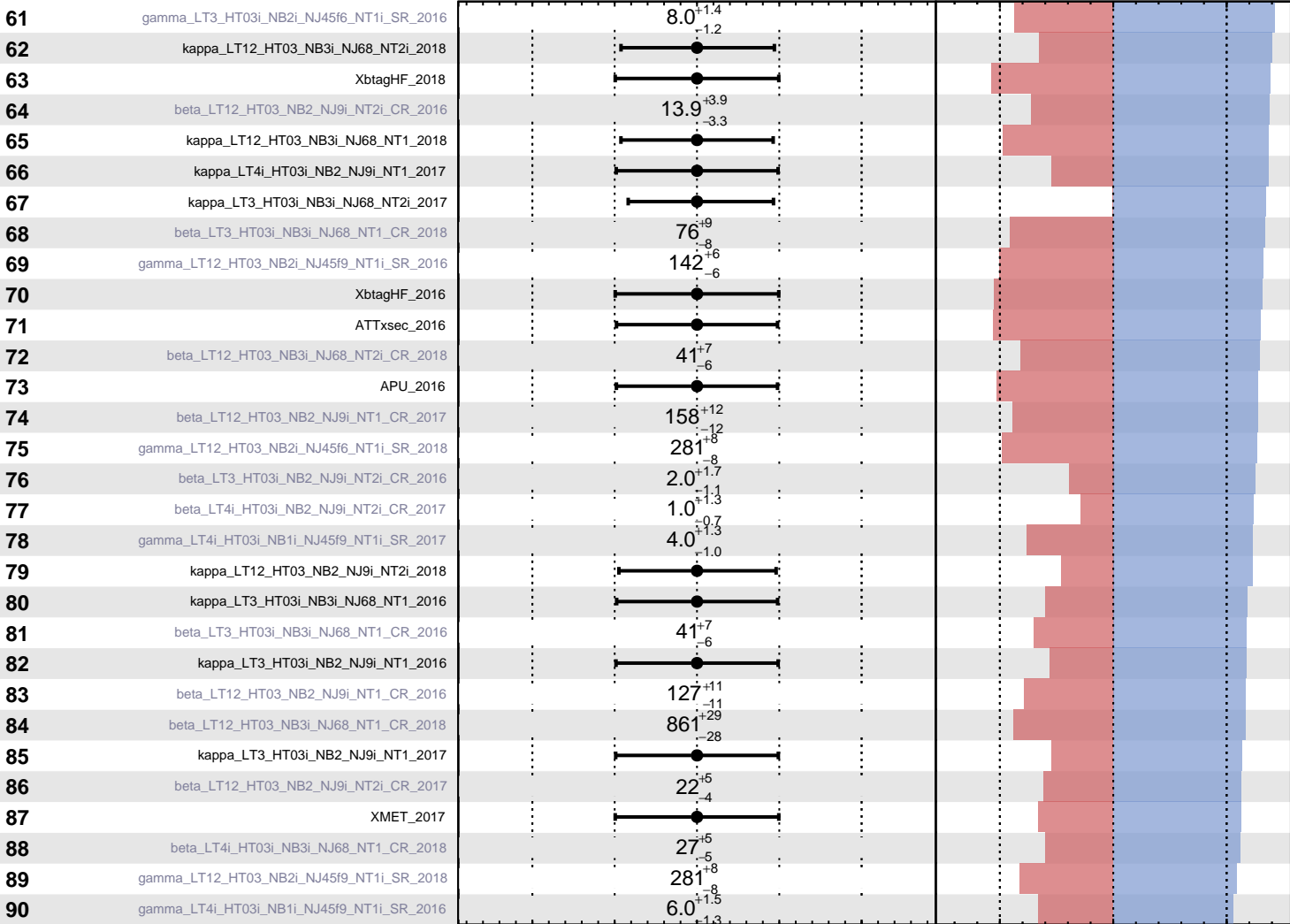
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

$\hat{r} = 1.0^{+0.5}_{-0.5}$



Pull
 +1σ Impact
 -1σ Impact

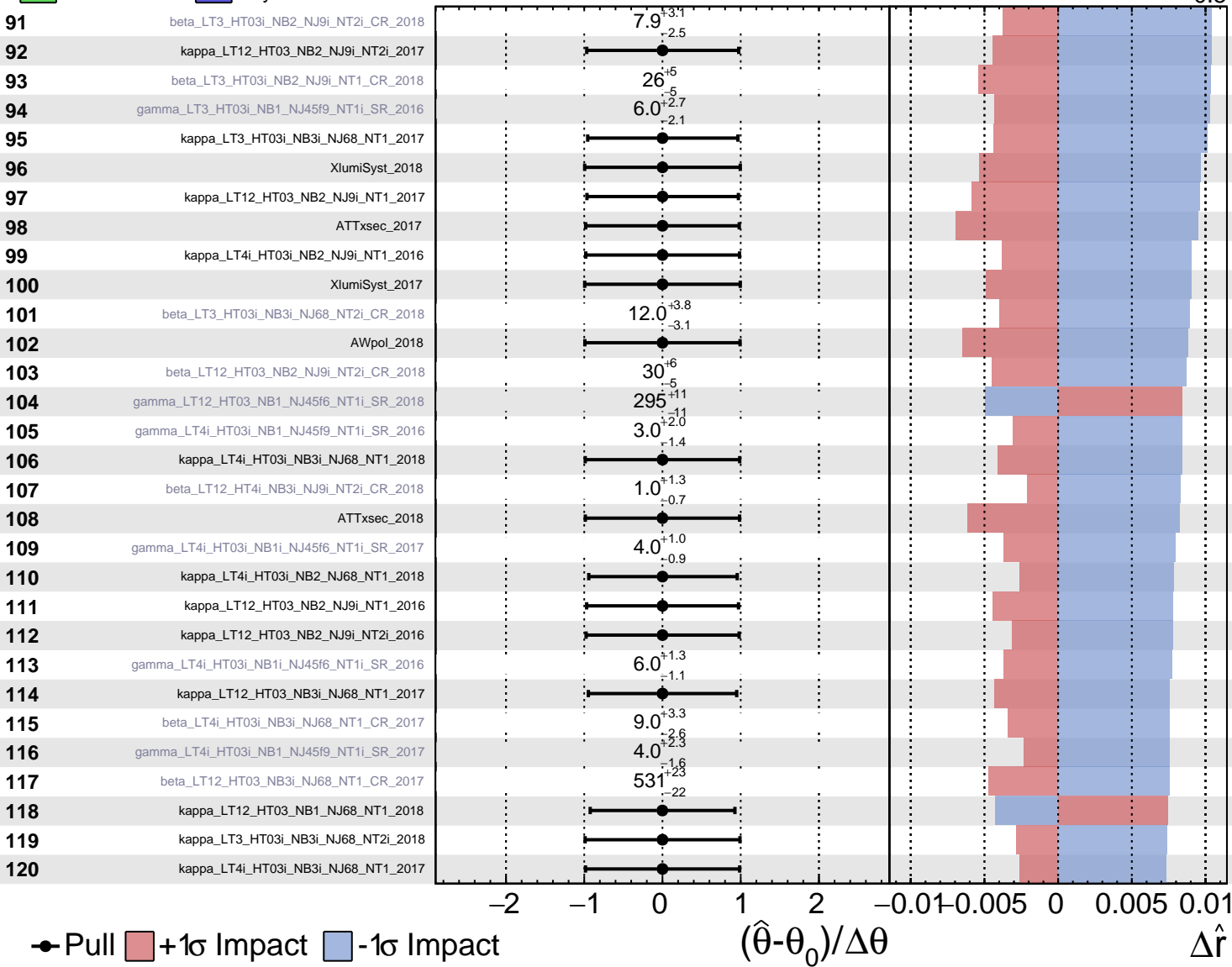
$(\hat{\theta} - \theta_0) / \Delta\theta$

$\Delta\hat{r}$

Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

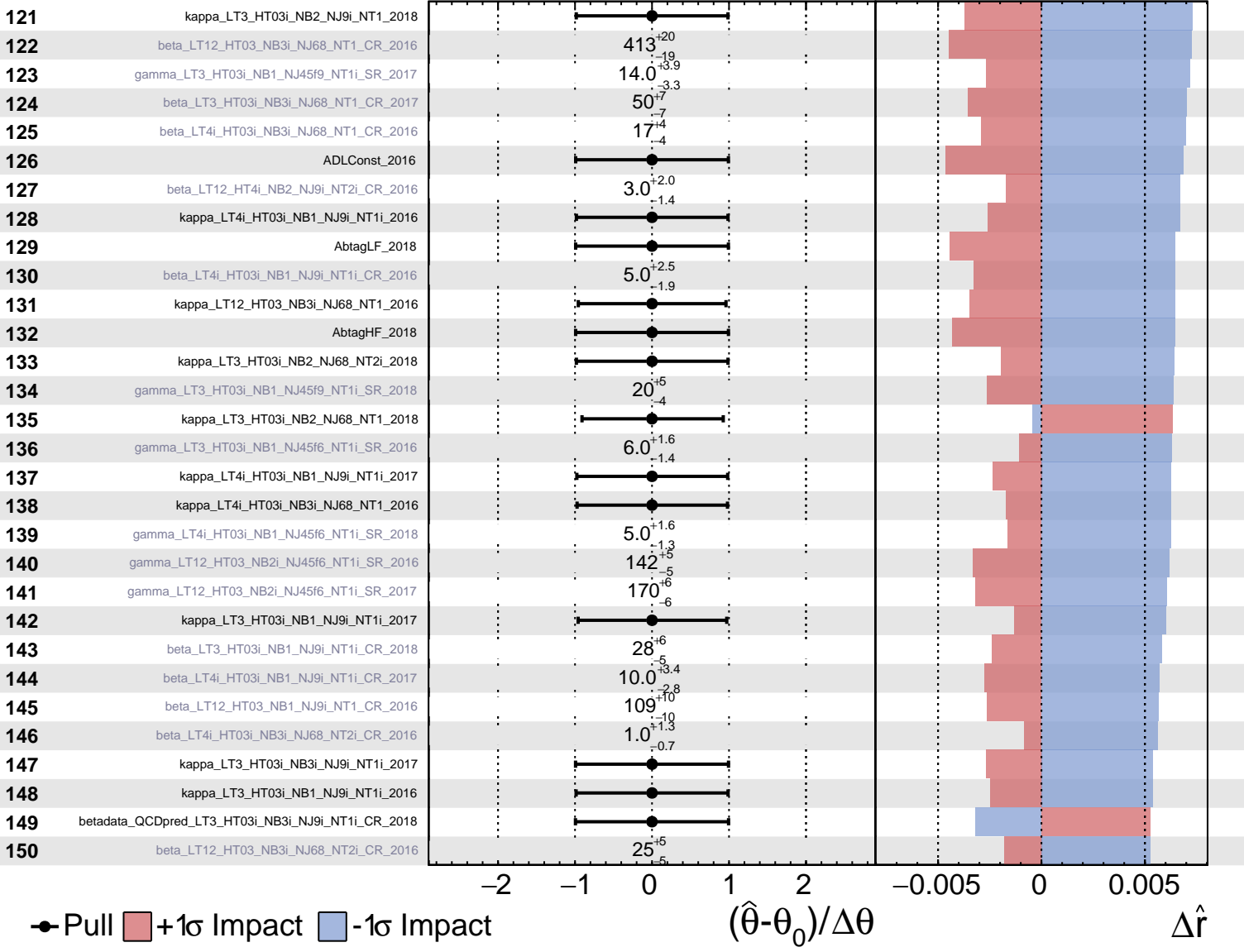
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

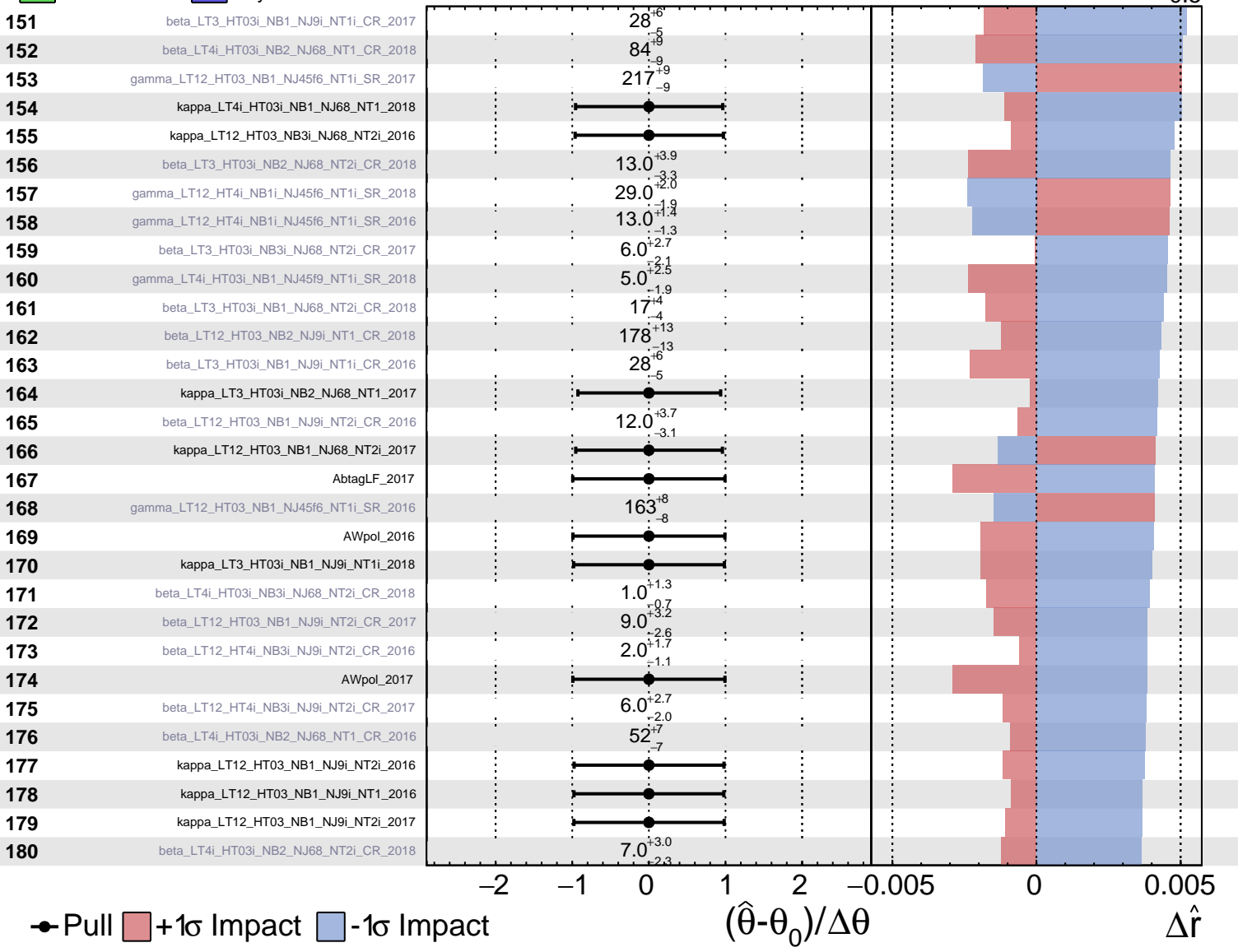
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS Internal

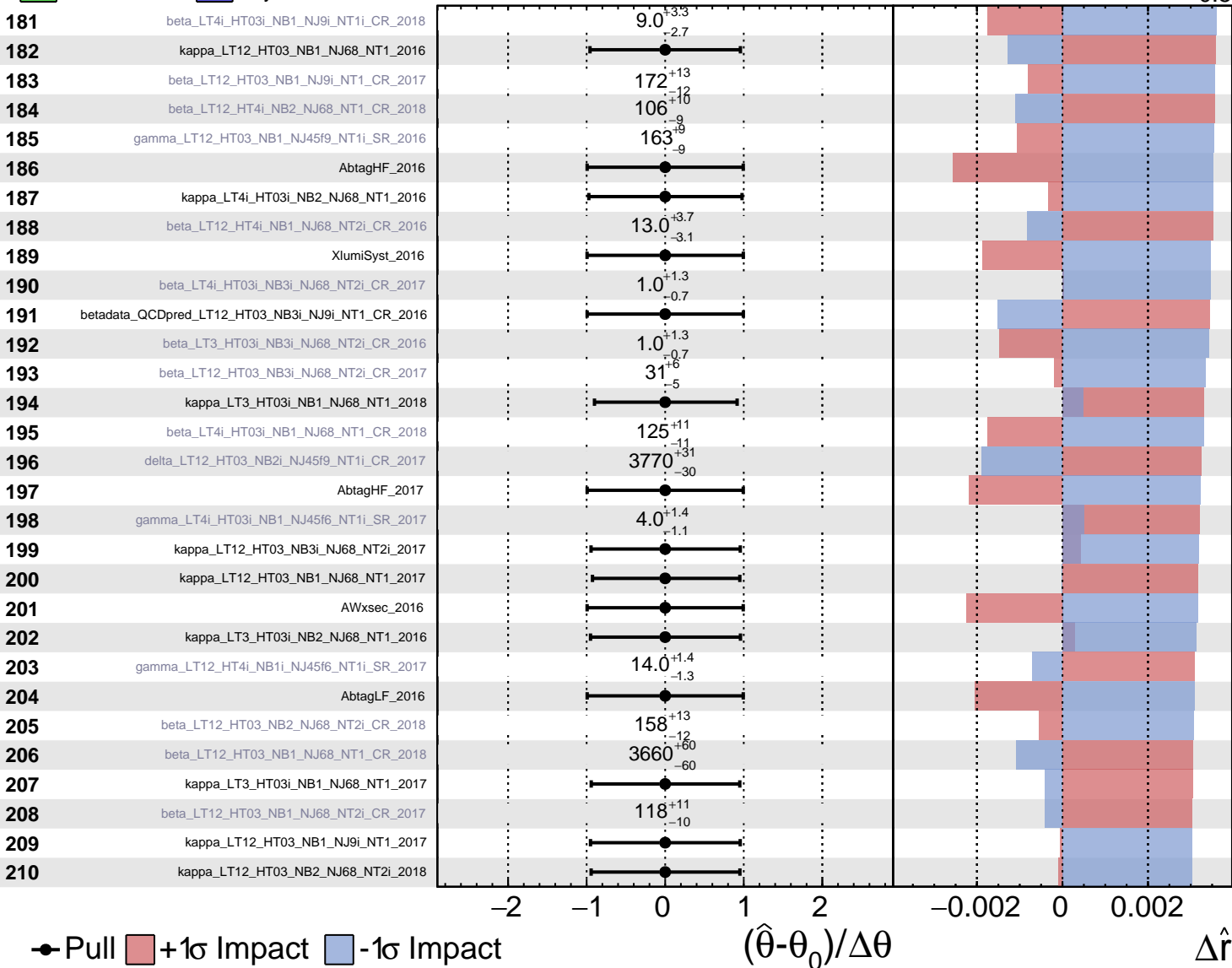
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

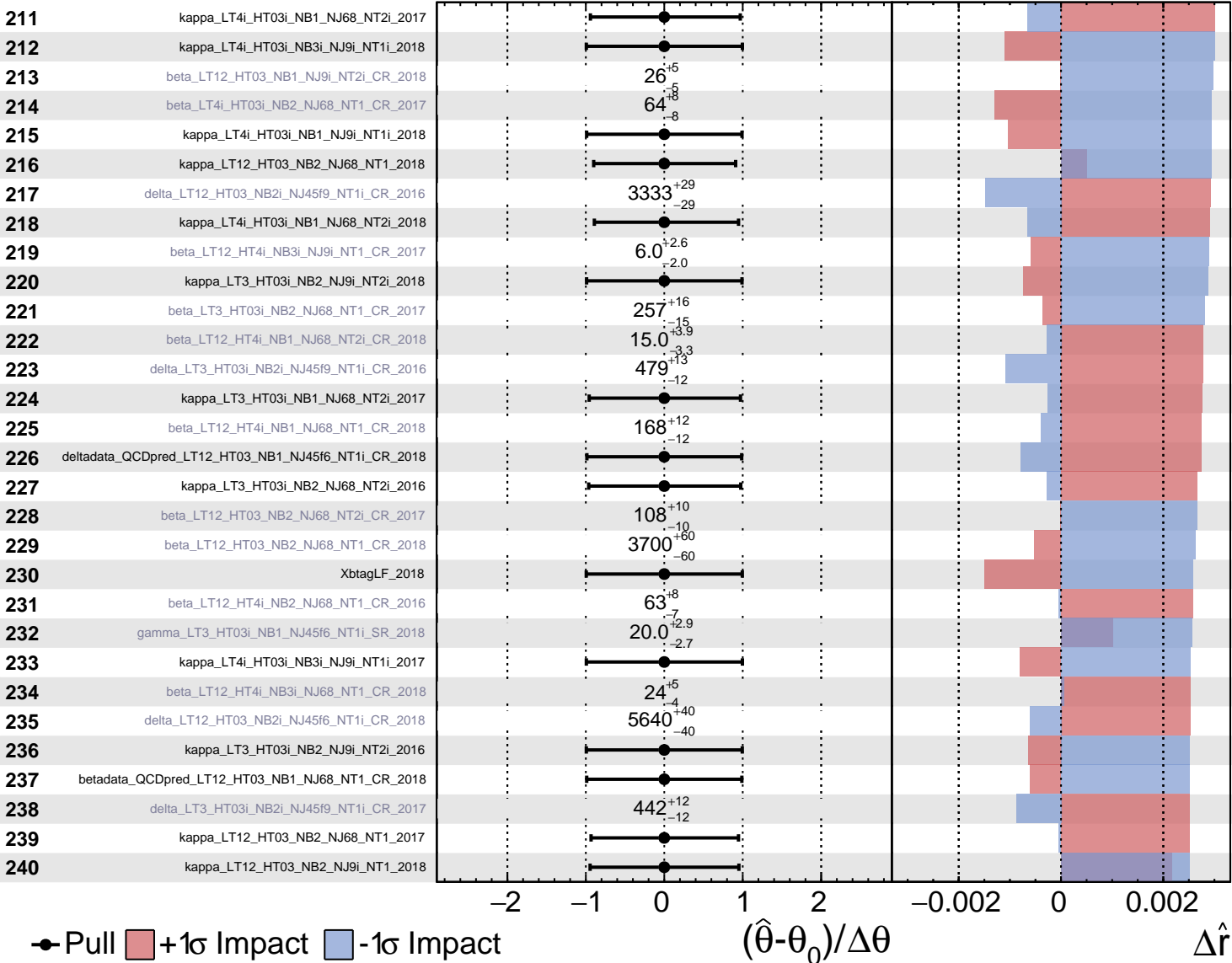
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

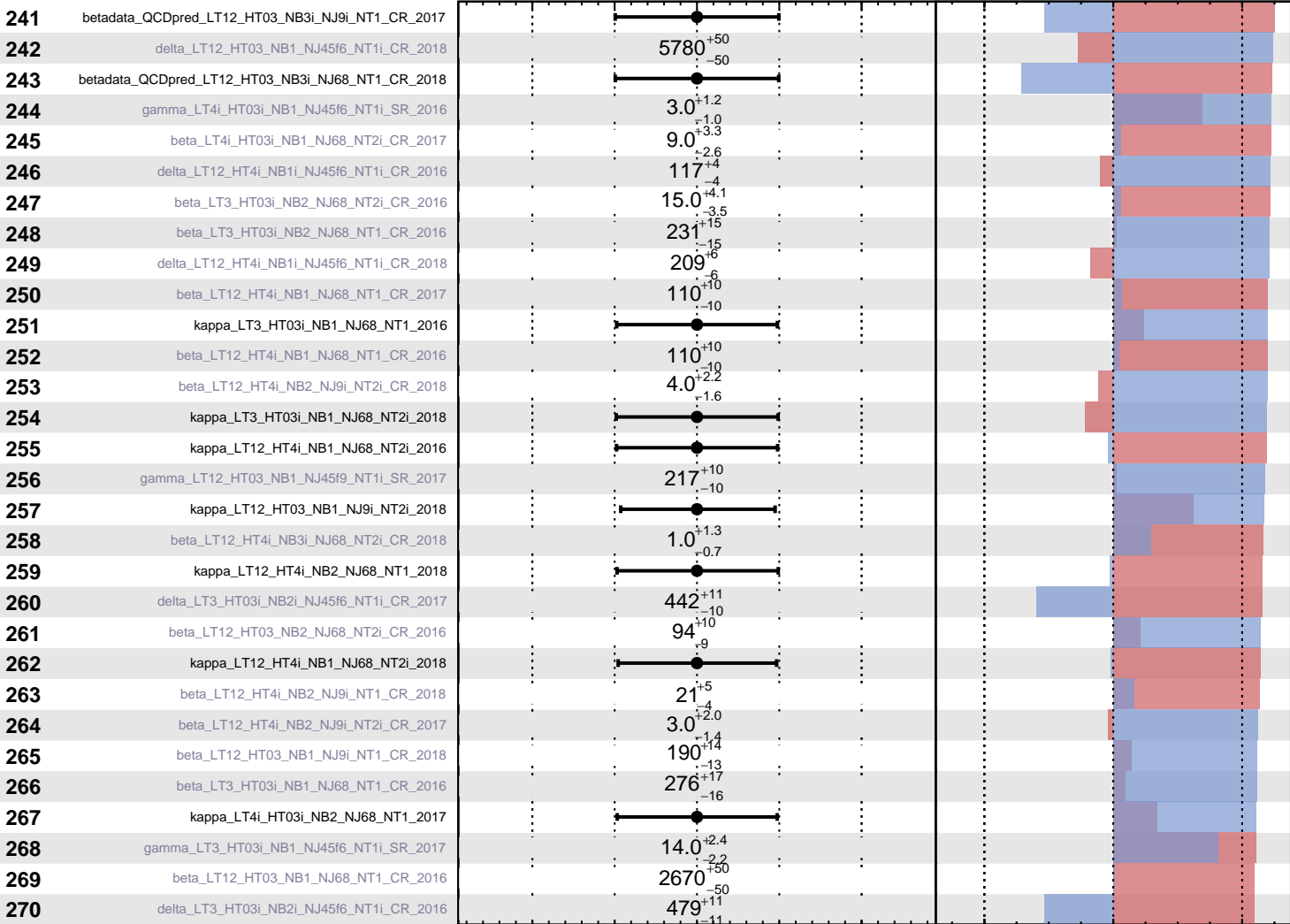
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Poisson
 AsymmetricGaussian

CMS *Internal*

$\hat{r} = 1.0^{+0.5}_{-0.5}$



Pull
 +1σ Impact
 -1σ Impact

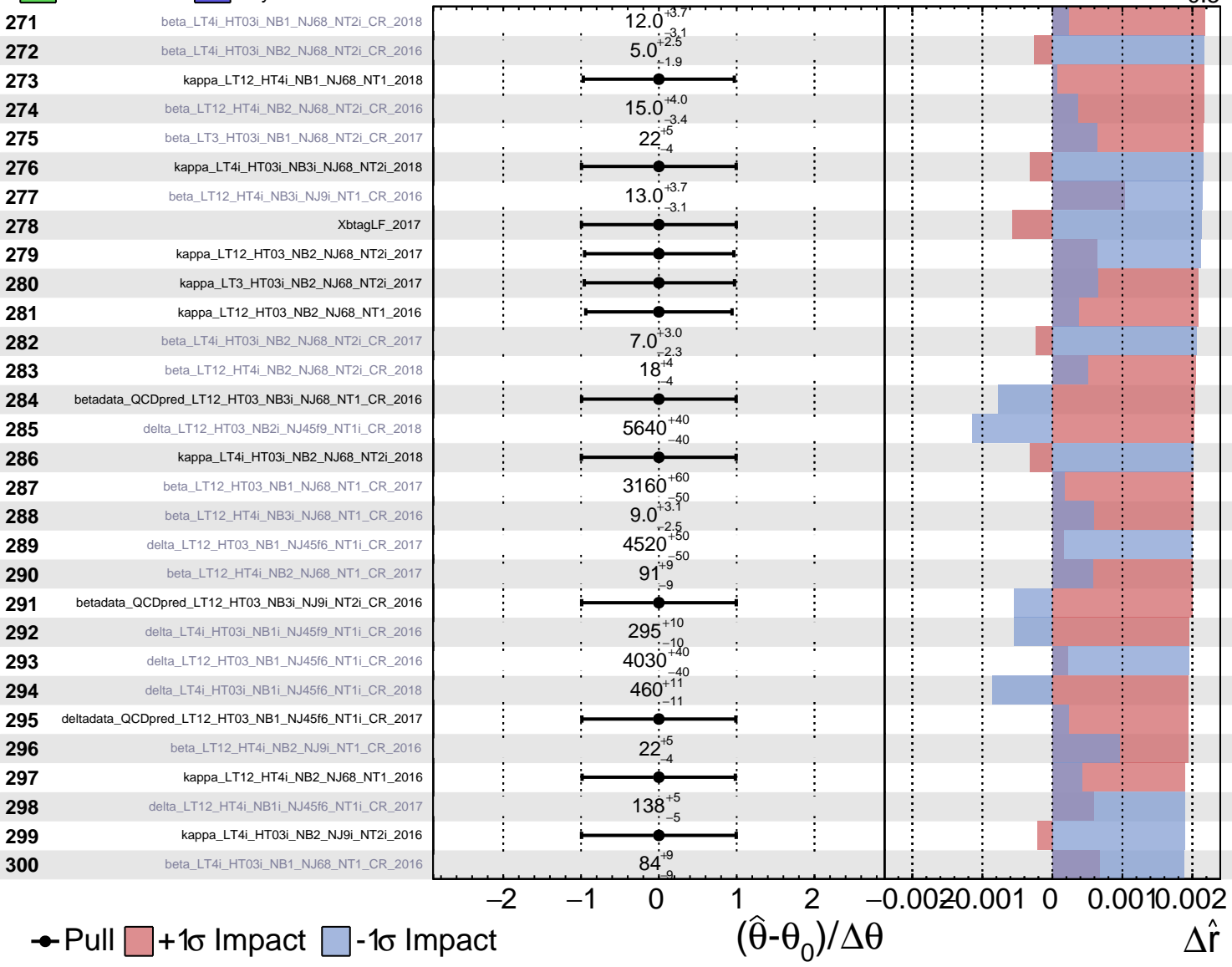
$(\hat{\theta} - \theta_0) / \Delta\theta$

$\Delta\hat{r}$

Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS Internal

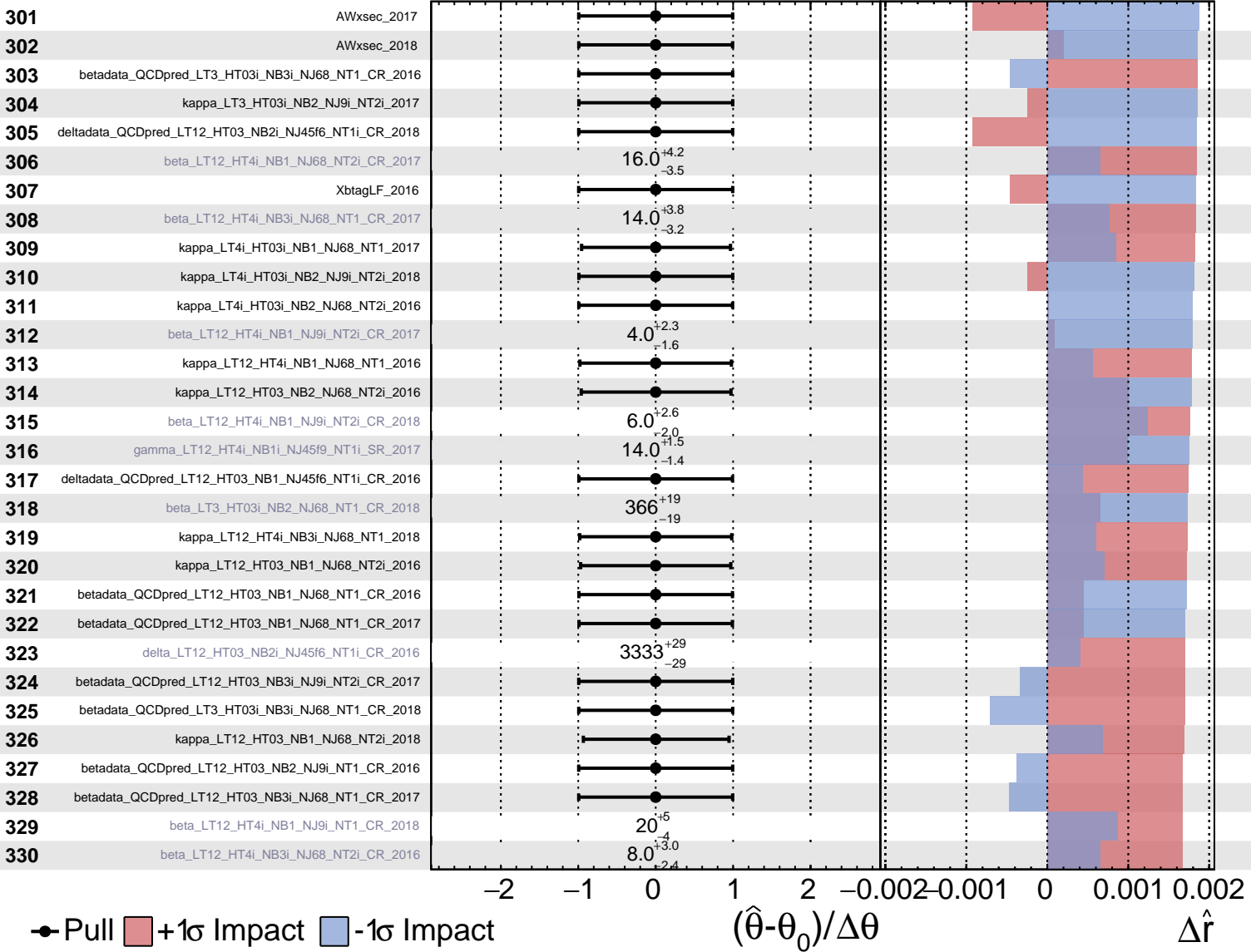
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS Internal

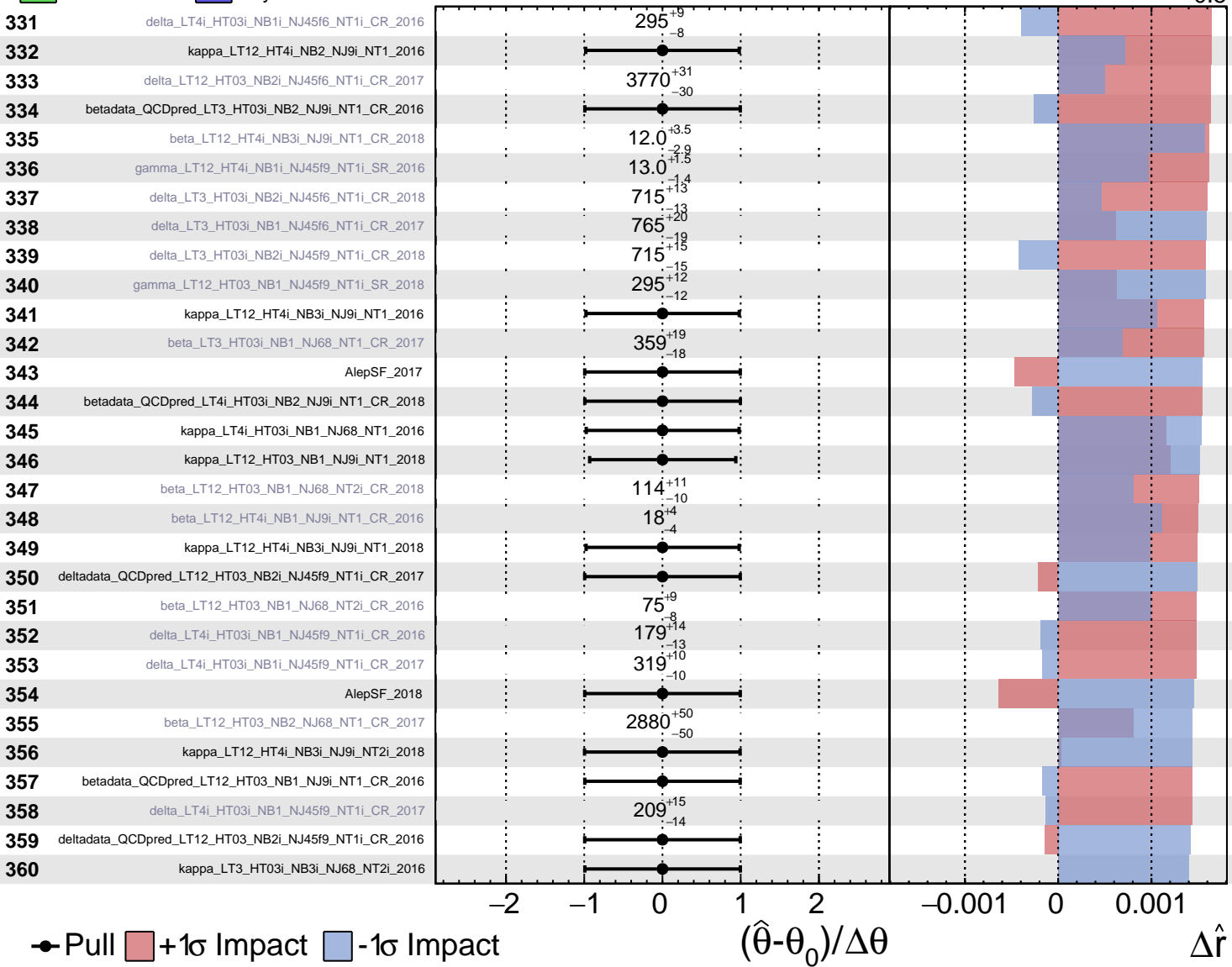
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

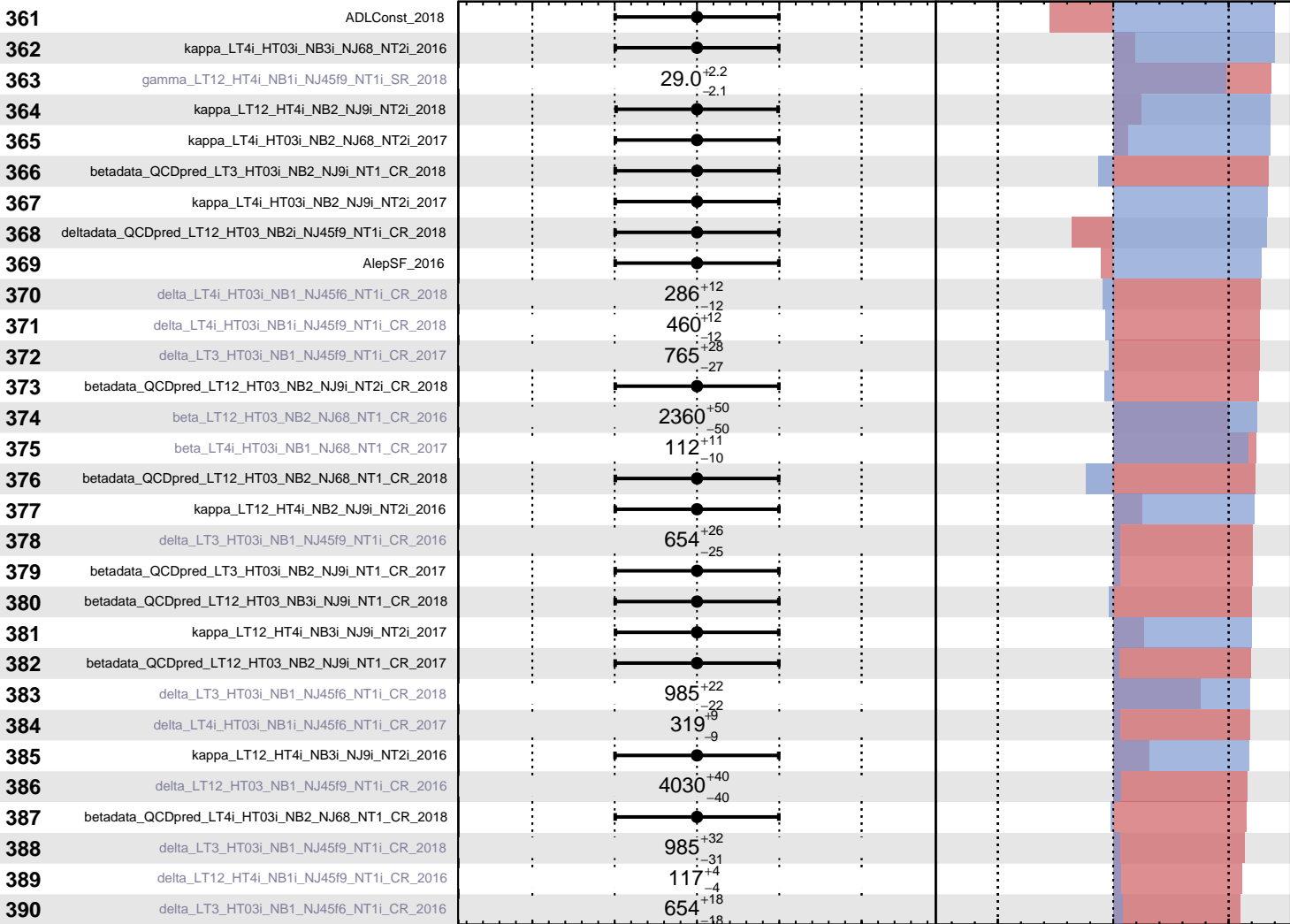
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS Internal

$\hat{r} = 1.0^{+0.5}_{-0.5}$



Pull
 +1σ Impact
 -1σ Impact

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

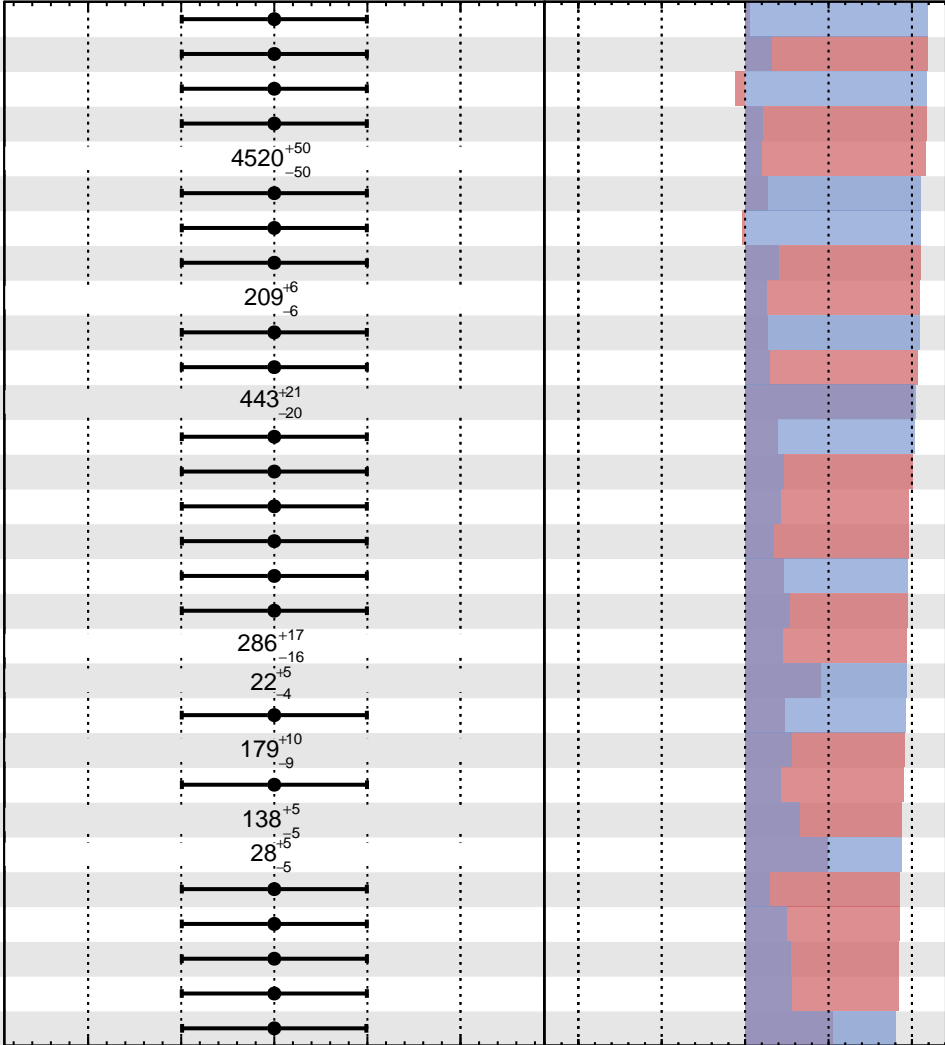
$\Delta\hat{r}$

Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS Internal

$\hat{r} = 1.0$
 -0.5

- 391 deltaxdata_QCDpred_LT4i_HT03i_NB1i_NJ45f6_NT1i_CR_2018
- 392 betadata_QCDpred_LT12_HT03_NB2i_NJ9i_NT2i_CR_2017
- 393 deltaxdata_QCDpred_LT12_HT03_NB2i_NJ45f6_NT1i_CR_2016
- 394 betadata_QCDpred_LT12_HT03_NB1i_NJ9i_NT1i_CR_2017
- 395 deltaxdata_QCDpred_LT12_HT03_NB1i_NJ45f9_NT1i_CR_2017
- 396 ADLConst_2017
- 397 deltaxdata_QCDpred_LT12_HT03_NB2i_NJ45f6_NT1i_CR_2017
- 398 betadata_QCDpred_LT4i_HT03i_NB3i_NJ68_NT1i_CR_2017
- 399 deltaxdata_QCDpred_LT12_HT03_NB1i_NJ45f9_NT1i_CR_2018
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- 402 betaxdata_QCDpred_LT12_HT03i_NB1i_NJ68_NT1i_CR_2018
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- 417 betadata_QCDpred_LT3i_HT03i_NB1i_NJ68_NT1i_CR_2016
- 418 betadata_QCDpred_LT4i_HT03i_NB3i_NJ68_NT1i_CR_2018
- 419 betadata_QCDpred_LT3i_HT03i_NB2i_NJ68_NT2i_CR_2018
- 420 kappa_LT12_HT4i_NB1i_NJ9i_NT2i_2018



Pull
 +1σ Impact
 -1σ Impact

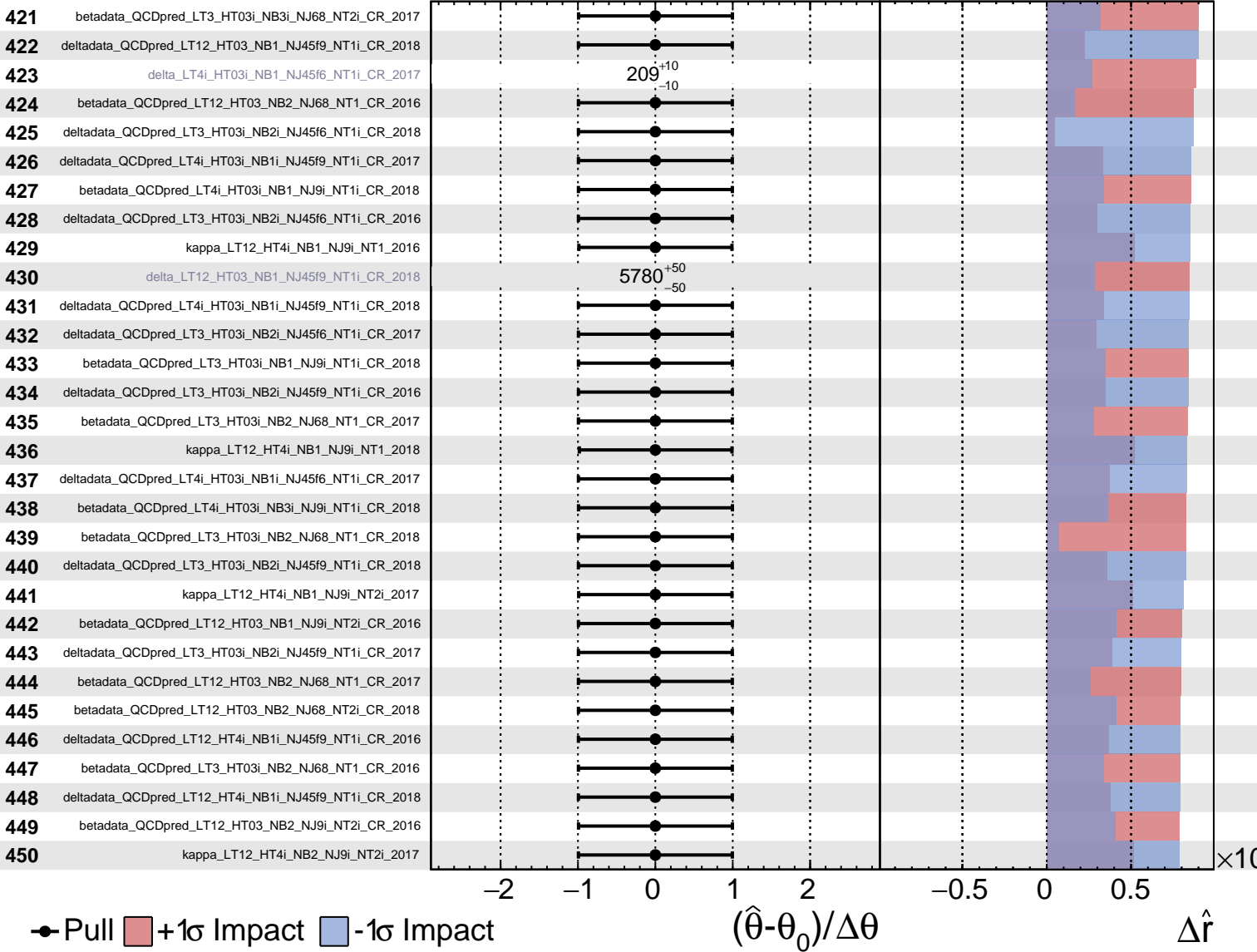
$(\hat{\theta} - \theta_0) / \Delta \theta$

$\Delta \hat{r}$

Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

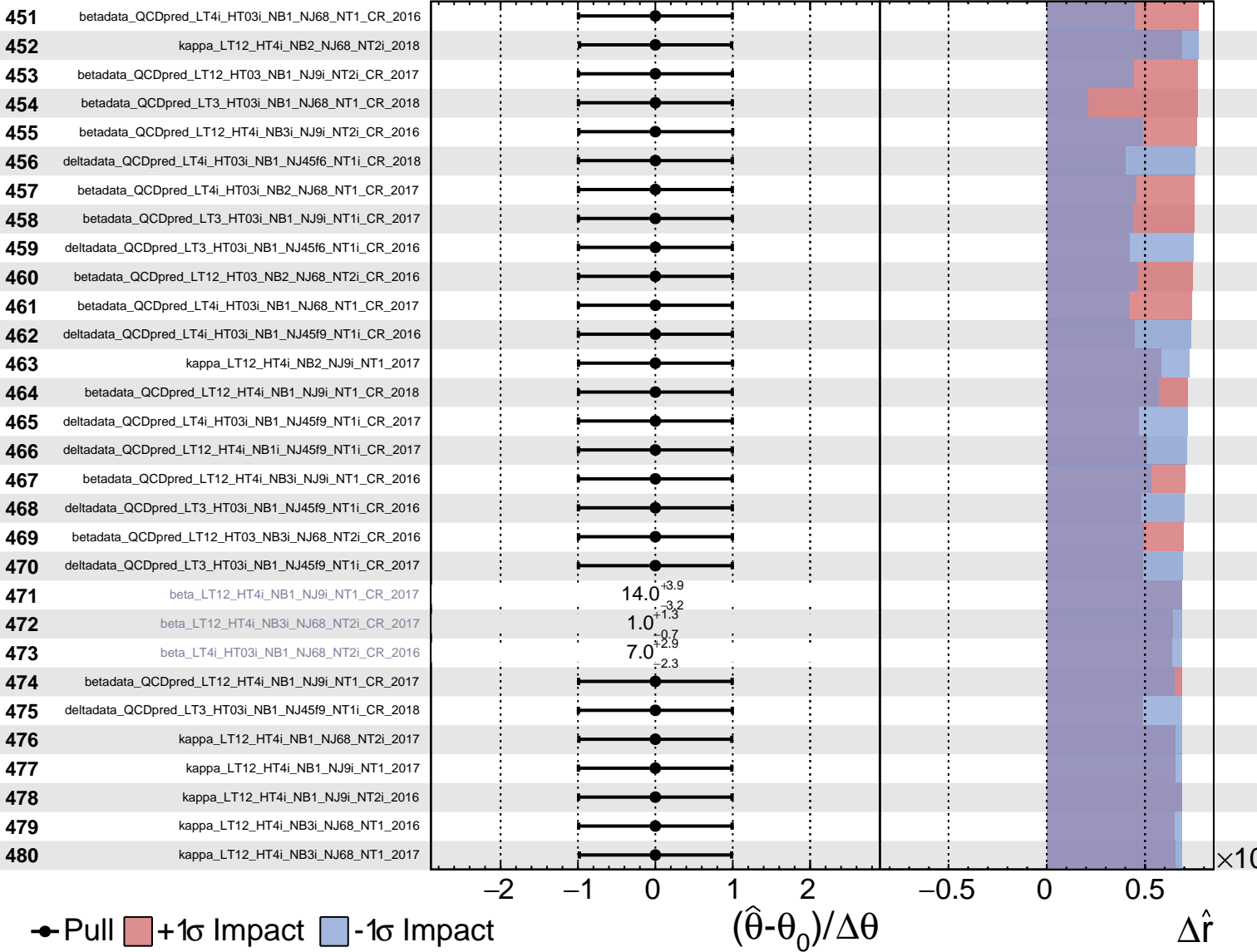
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

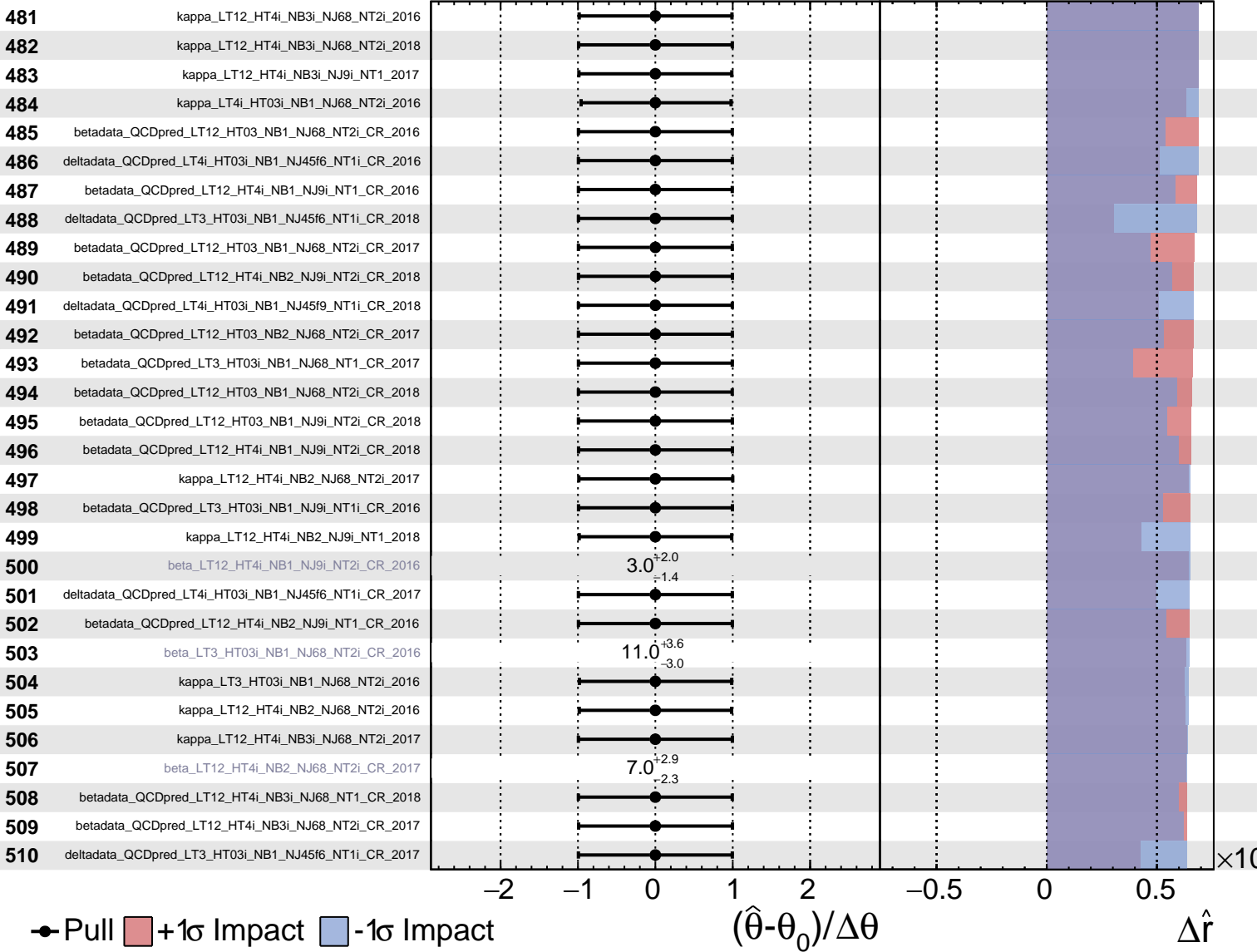
$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained Gaussian
Poisson AsymmetricGaussian

CMS Internal

$\hat{r} = 1.0^{+0.5}_{-0.5}$



Unconstrained
 Gaussian
 Poisson
 AsymmetricGaussian

CMS *Internal*

$\hat{r} = 1.0^{+0.5}_{-0.5}$

