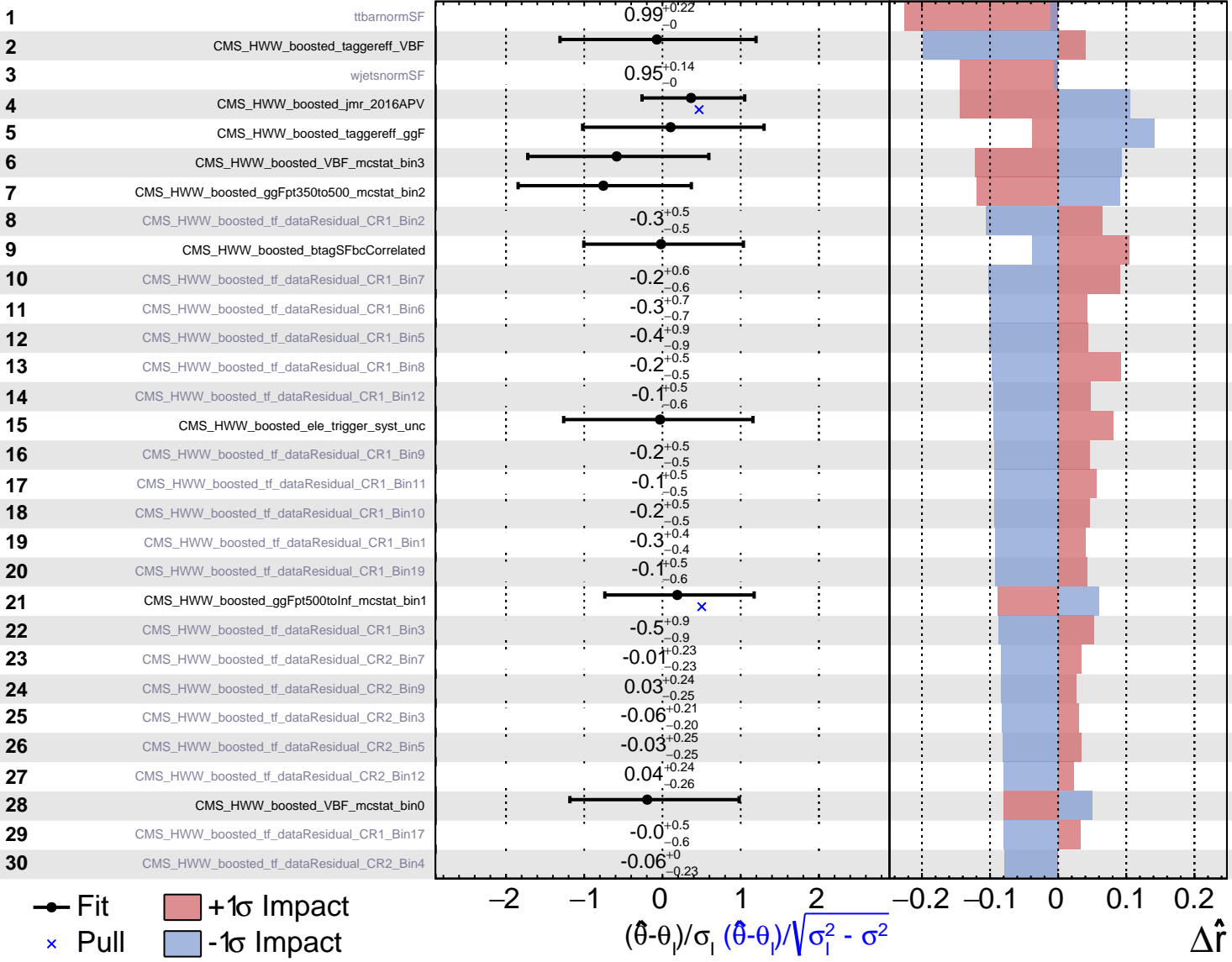
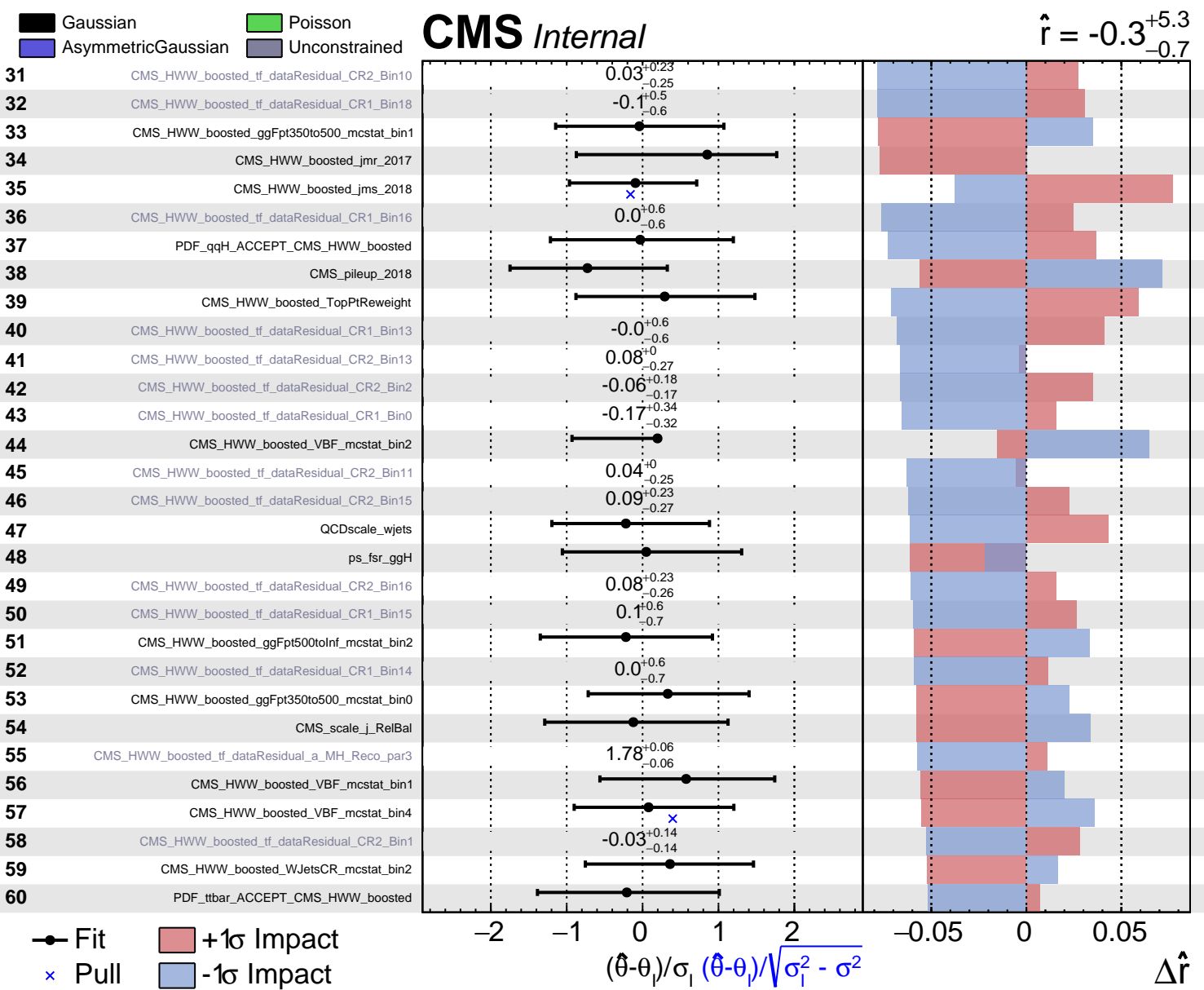


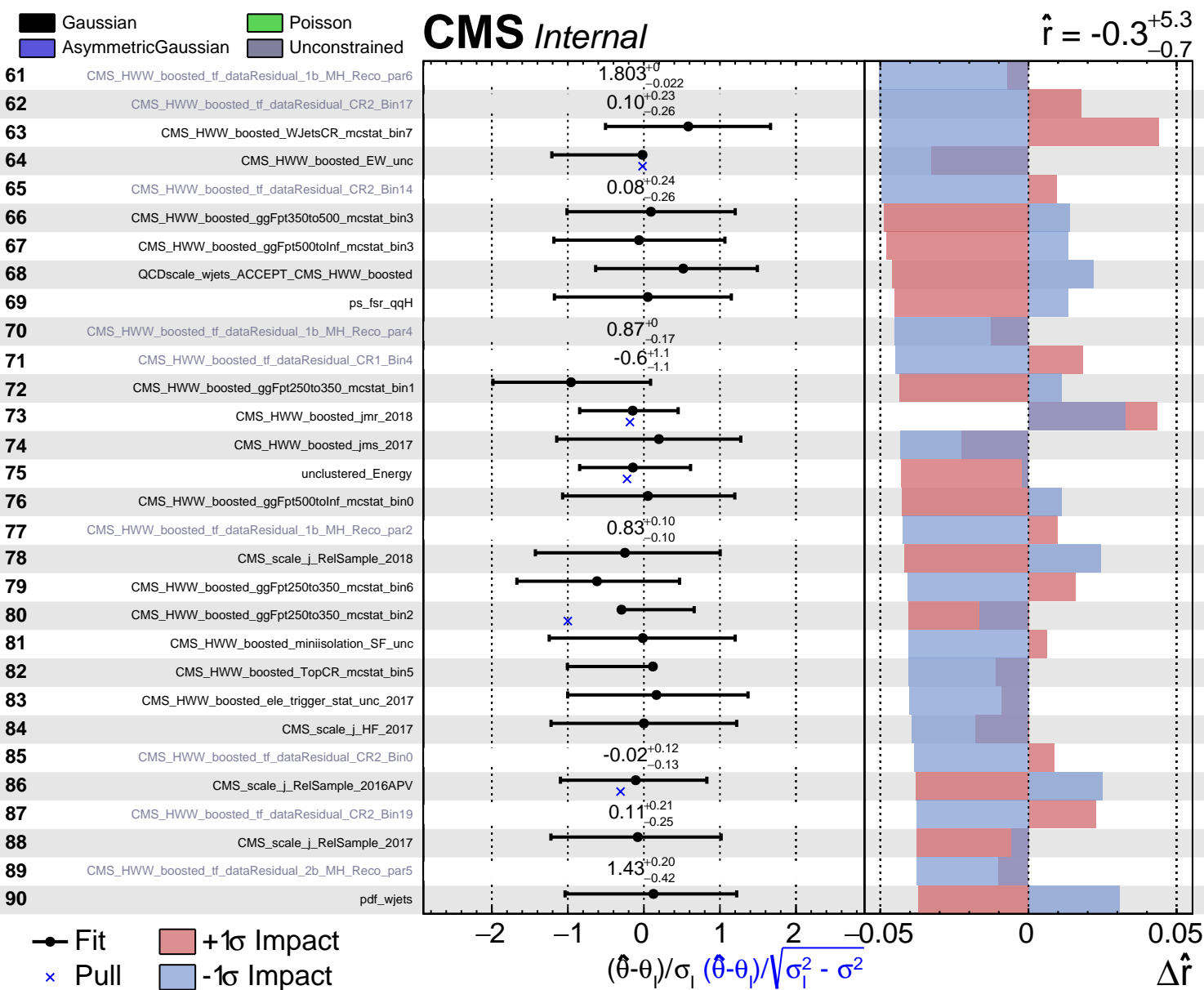
Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS Internal

$\hat{r} = -0.3^{+5.3}_{-0.7}$



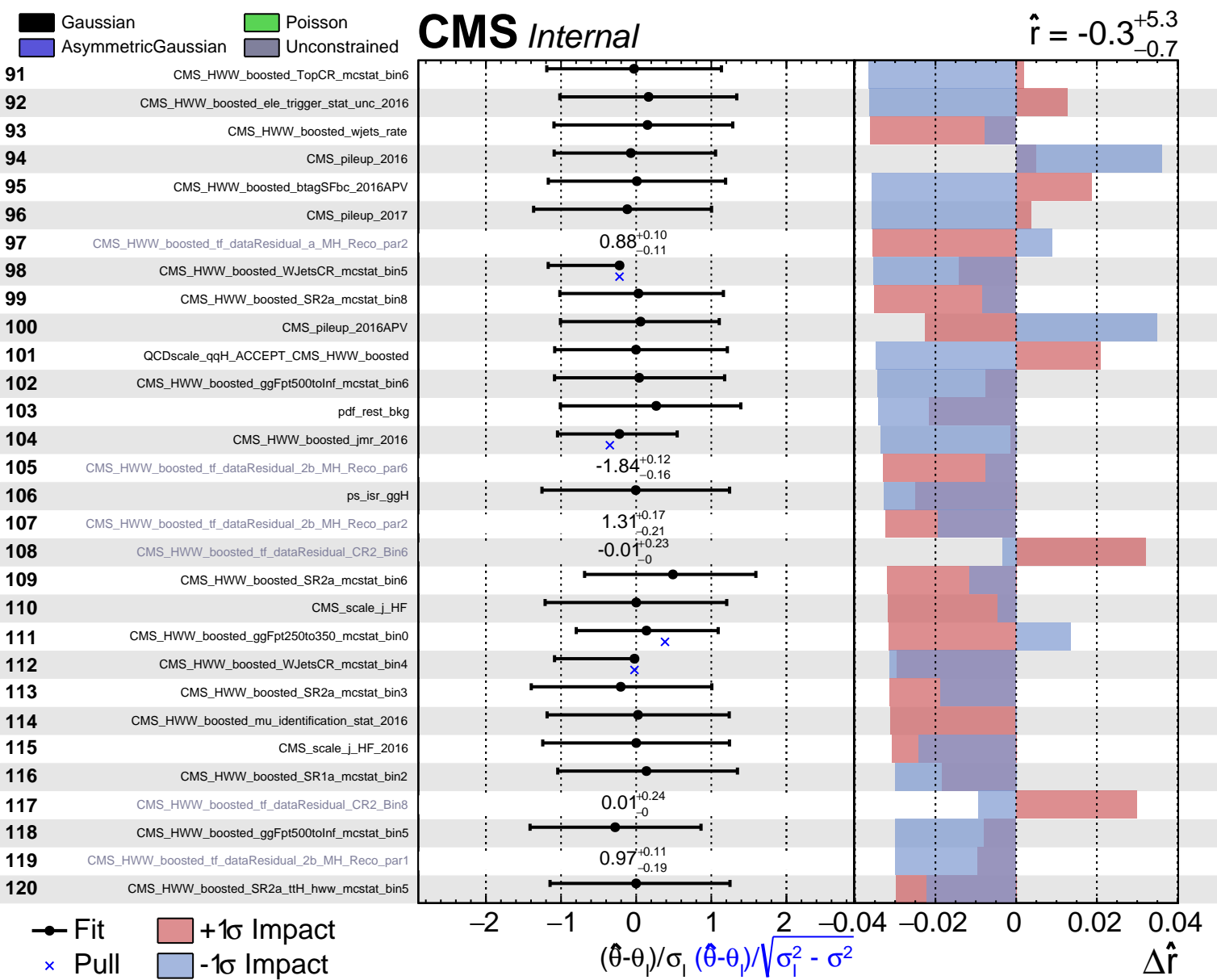




$(\hat{\theta} - \theta_i) / \sigma_i$

$(\hat{\theta} - \theta_i) / \sqrt{\sigma_i^2 - \sigma^2}$

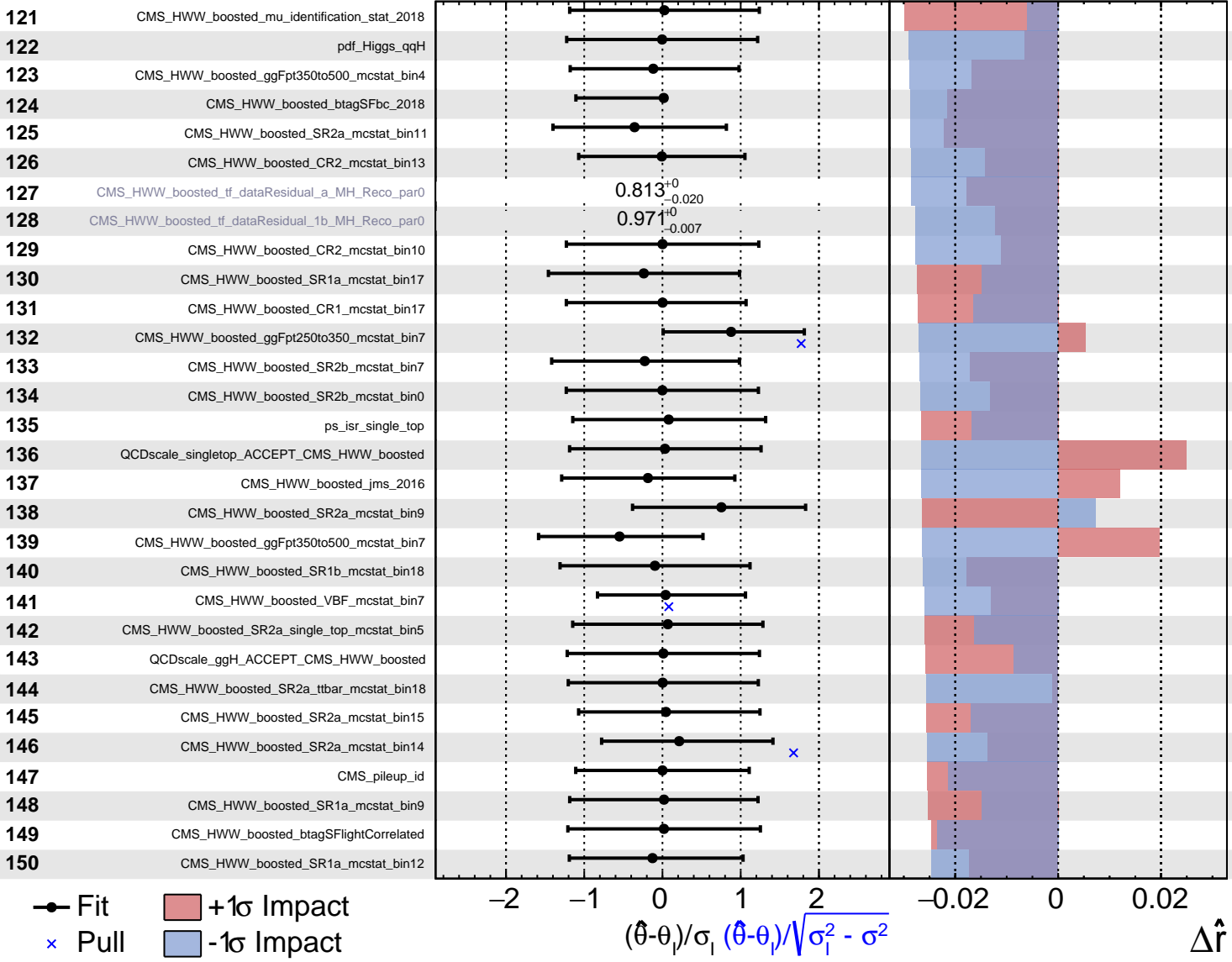
$\Delta \hat{r}$



Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS *Internal*

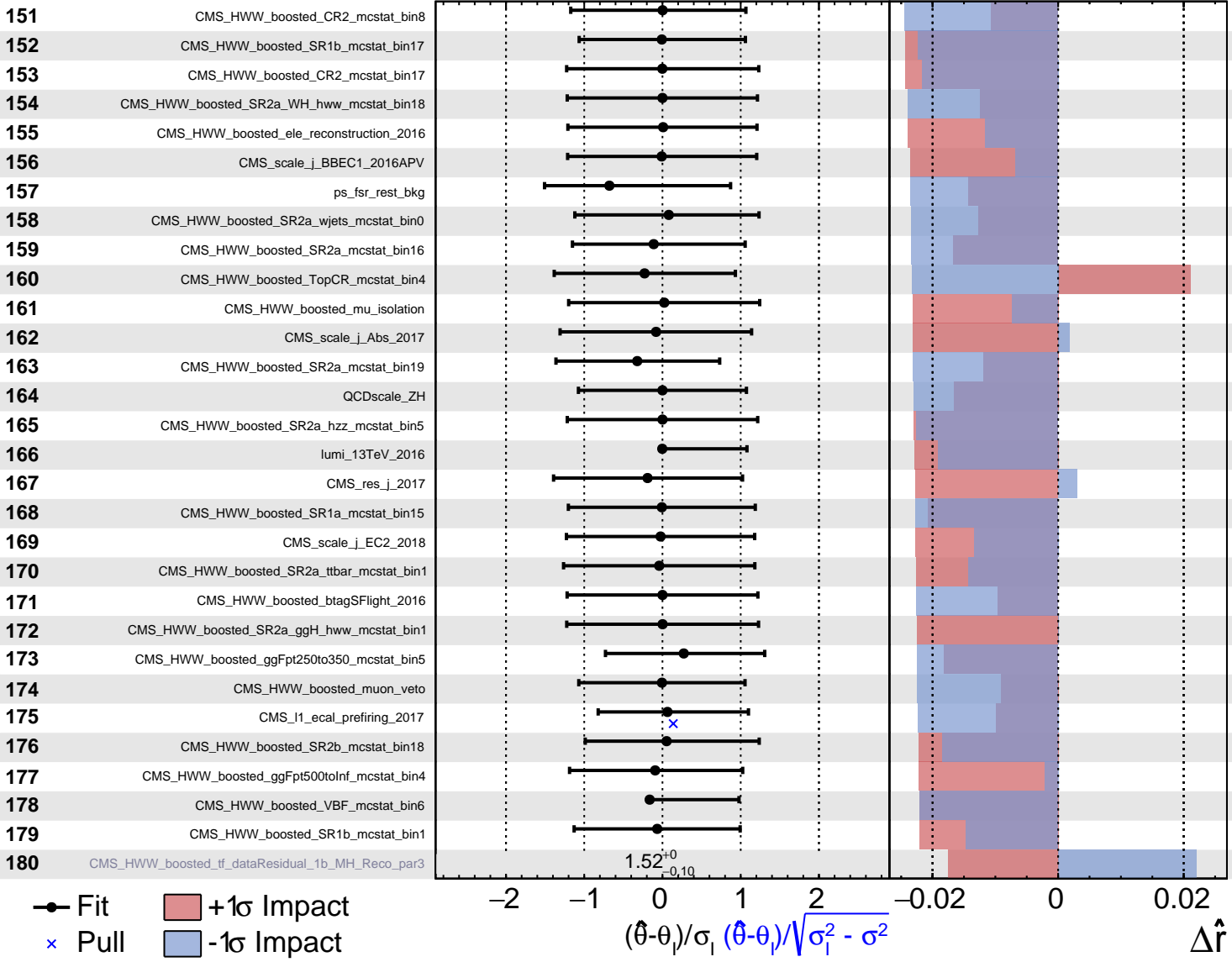
$\hat{r} = -0.3^{+5.3}_{-0.7}$



Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS *Internal*

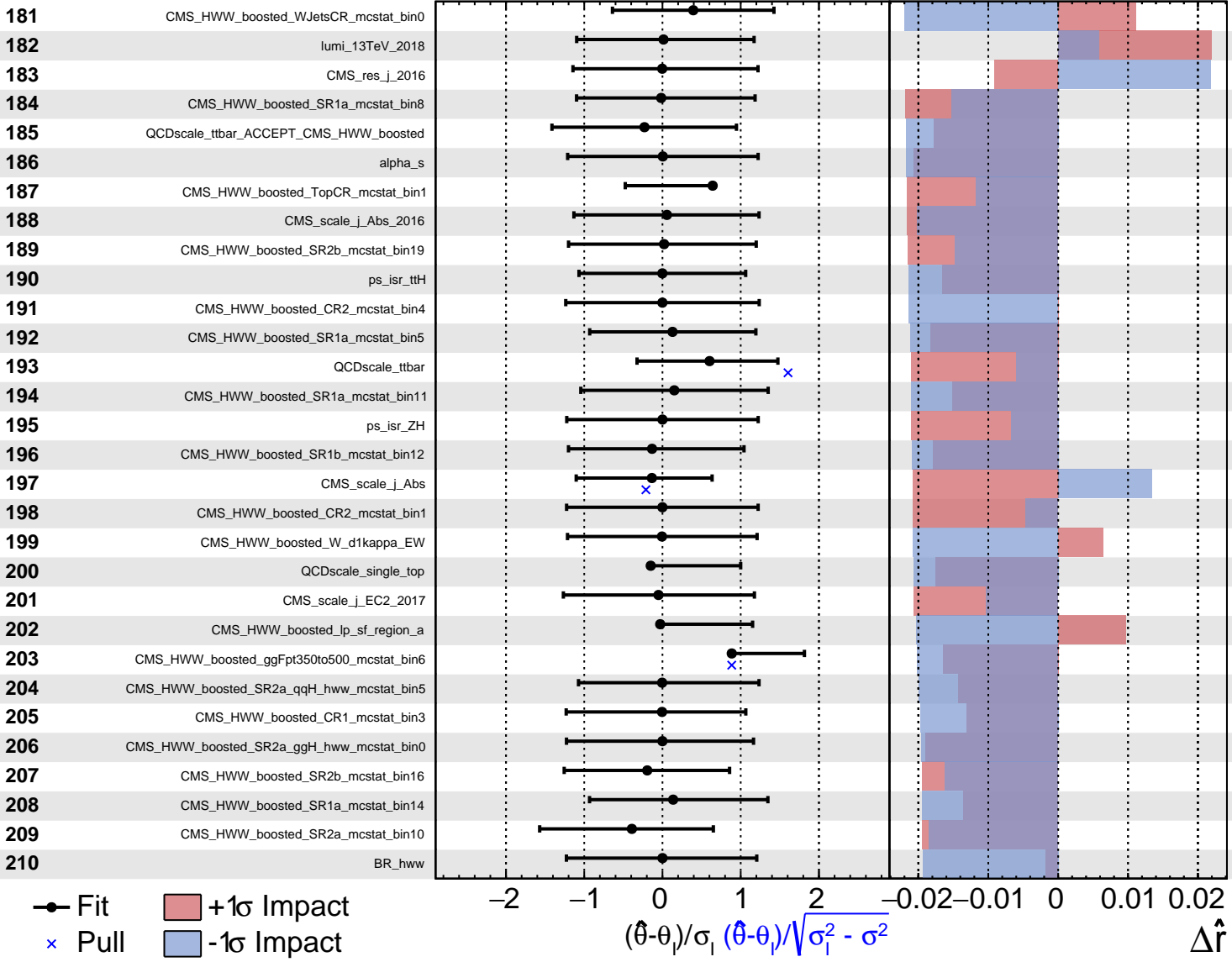
$\hat{r} = -0.3^{+5.3}_{-0.7}$



Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS *Internal*

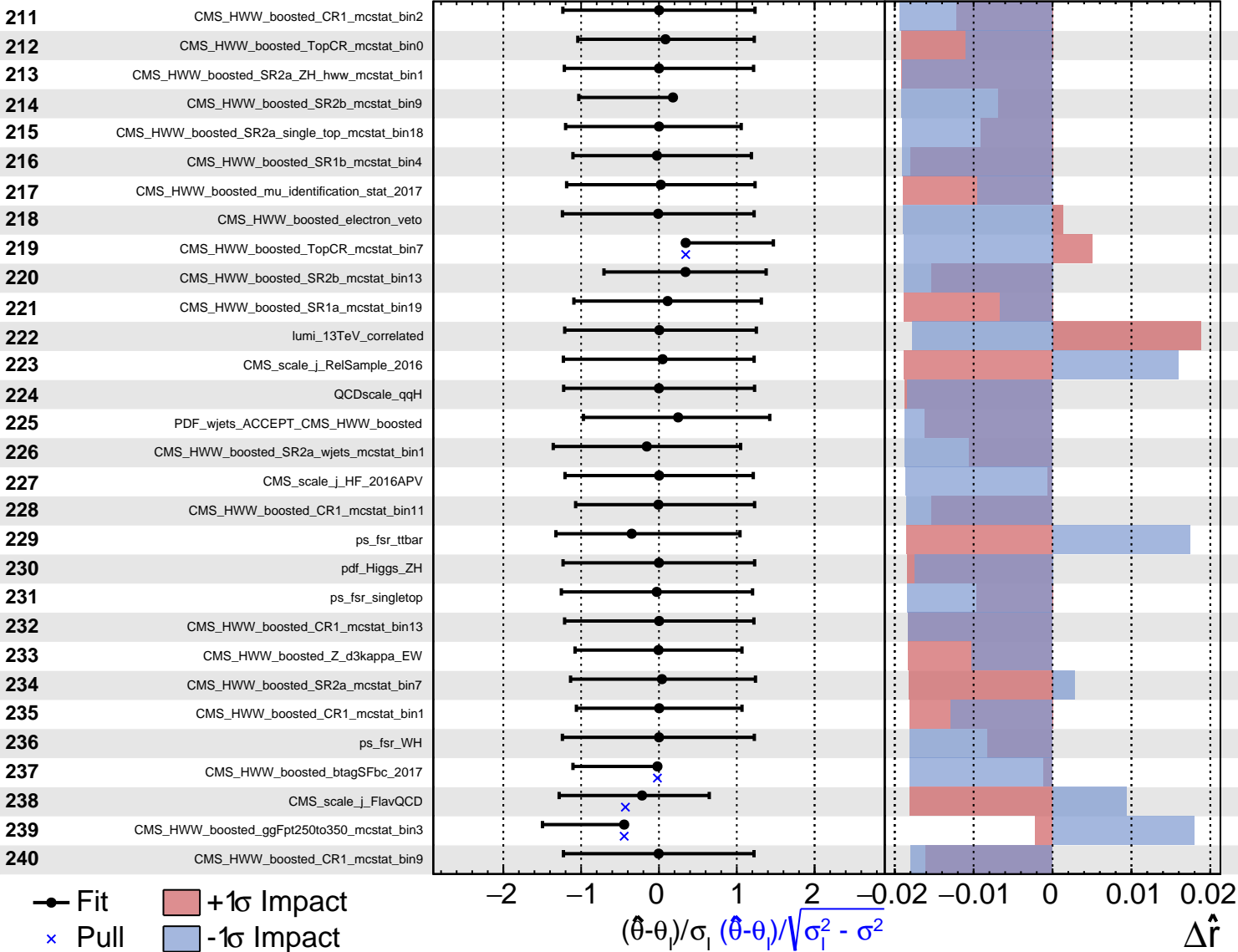
$\hat{r} = -0.3^{+5.3}_{-0.7}$



Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS *Internal*

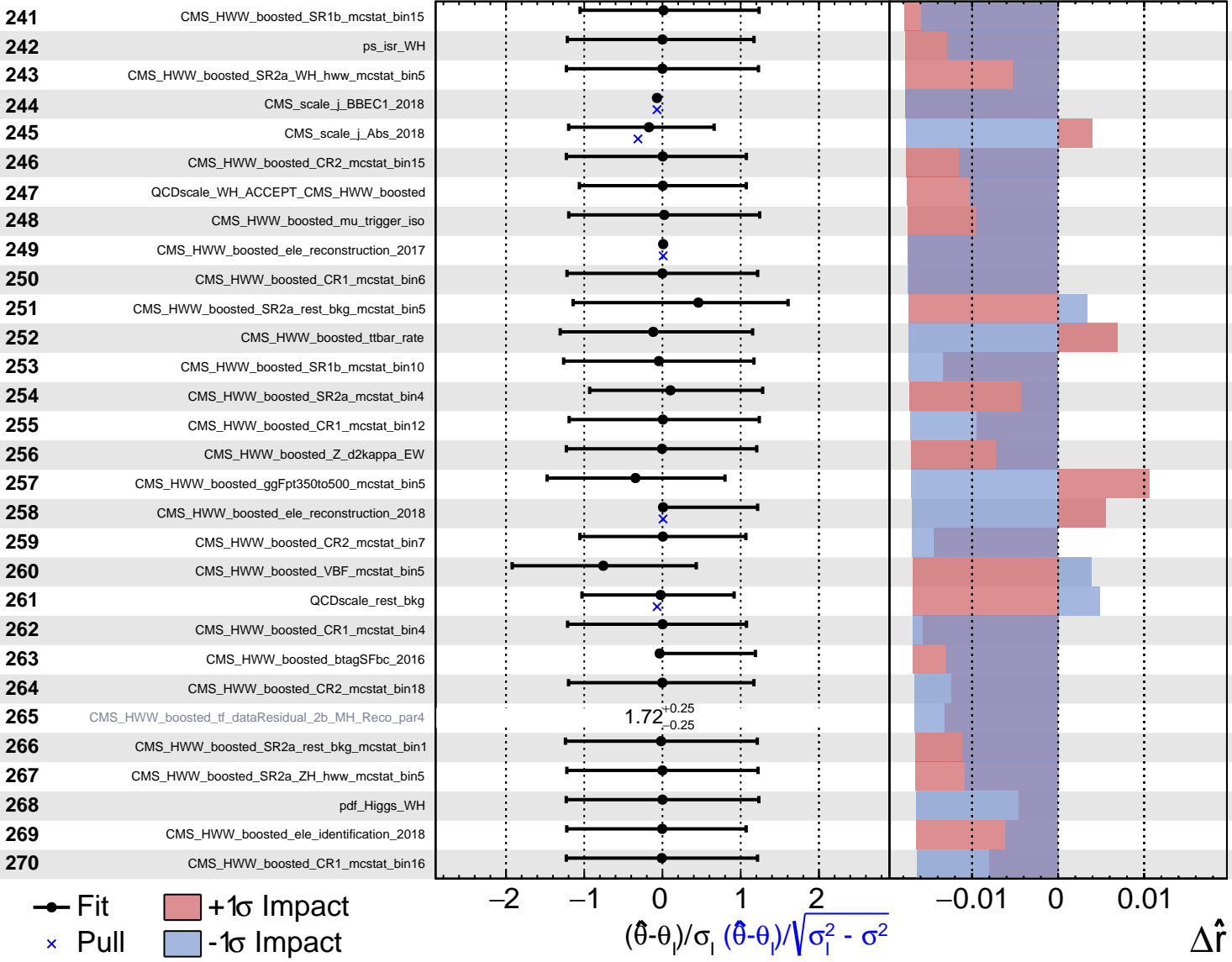
$\hat{r} = -0.3^{+5.3}_{-0.7}$



Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS *Internal*

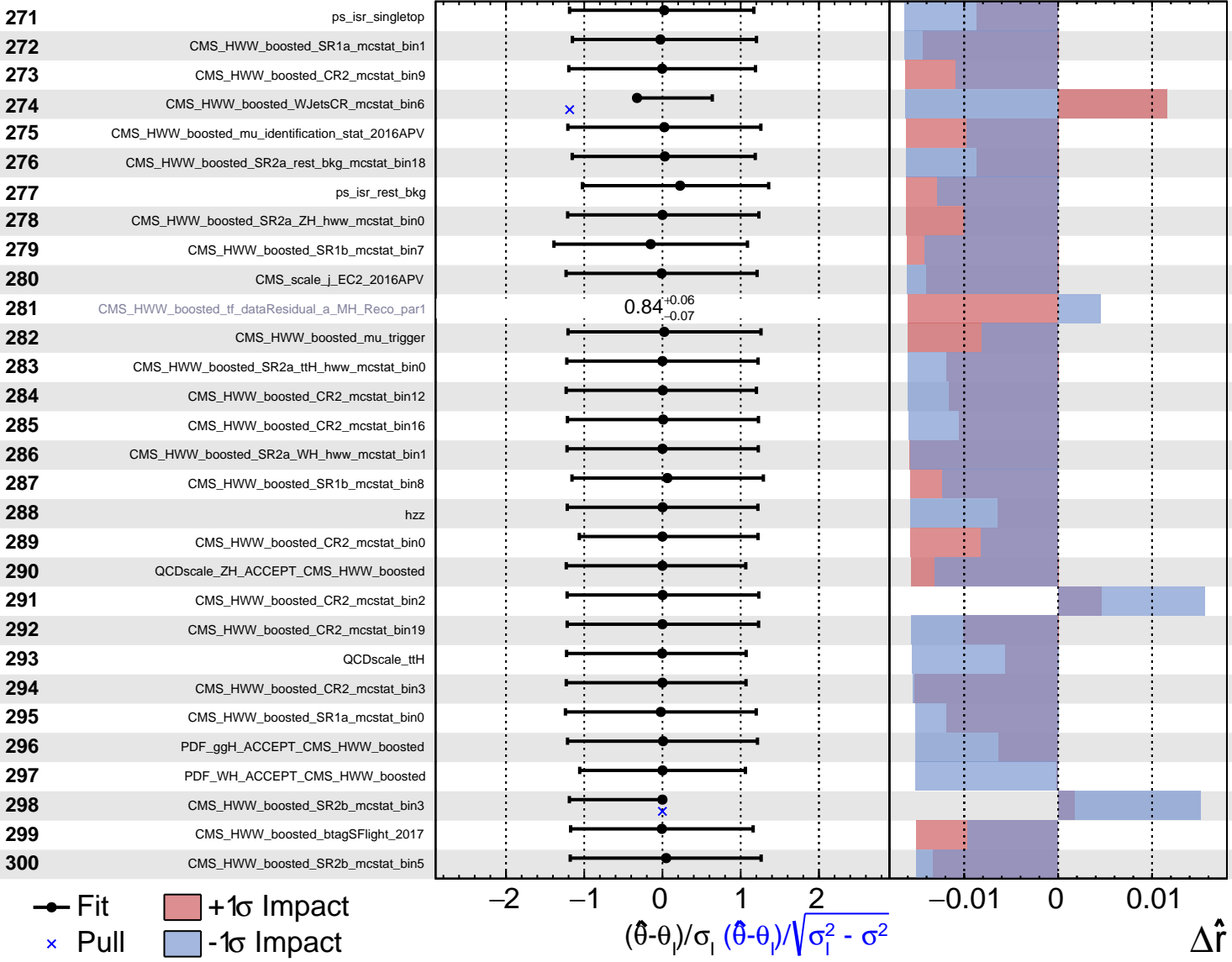
$\hat{r} = -0.3^{+5.3}_{-0.7}$



Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS *Internal*

$\hat{r} = -0.3^{+5.3}_{-0.7}$

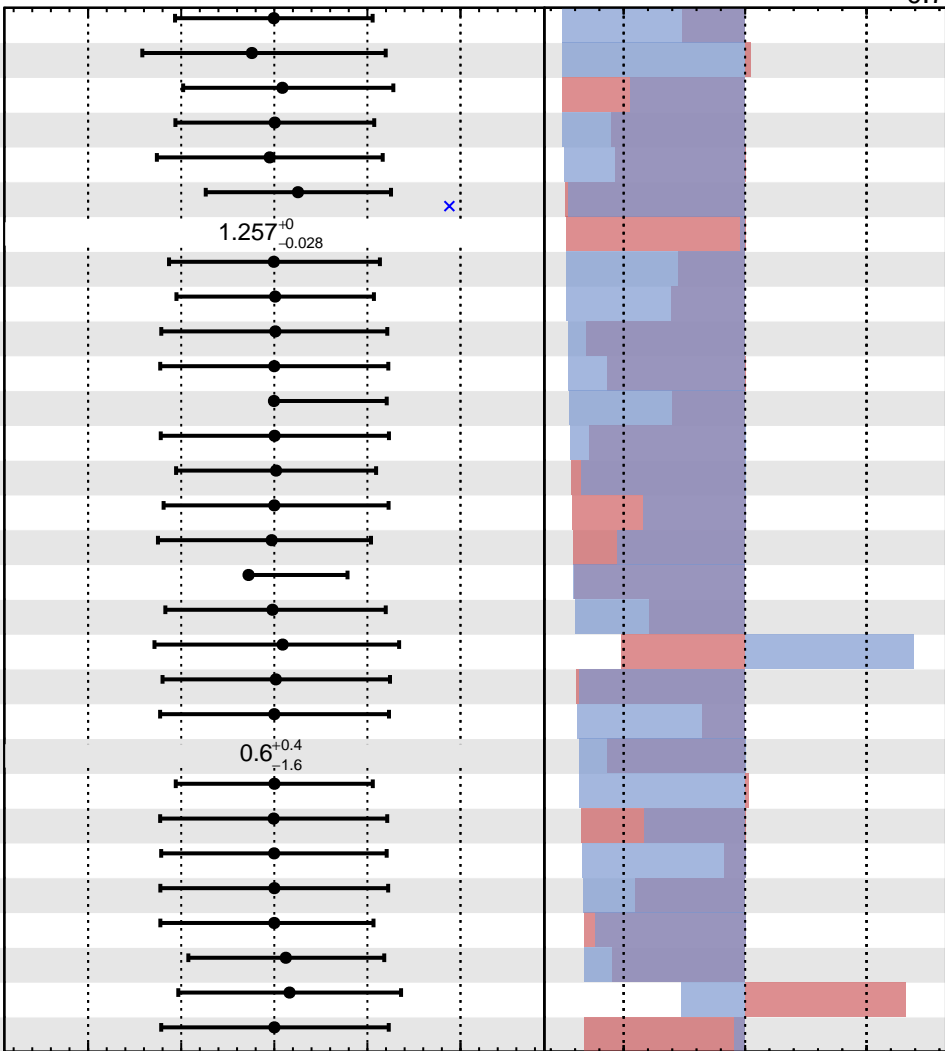


Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS *Internal*

$\hat{r} = -0.3^{+5.3}_{-0.7}$

- 301 CMS_HWW_boosted_SR2a_ggH_hww_mcstat_bin5
- 302 ps_fsr_single_top
- 303 CMS_HWW_boosted_SR2b_mcstat_bin14
- 304 CMS_scale_j_HF_2018
- 305 CMS_HWW_boosted_SR1b_mcstat_bin13
- 306 CMS_HWW_boosted_SR2a_mcstat_bin13
- 307 CMS_HWW_boosted_tf_dataResidual_1b_MH_Reco_par1
- 308 CMS_l1_eCAL_prefiring_2016APV
- 309 CMS_HWW_boosted_btagSFlight_2018
- 310 CMS_HWW_boosted_btagSFlight_2016APV
- 311 CMS_HWW_boosted_CR1_mcstat_bin0
- 312 CMS_HWW_boosted_ele_identification_2016APV
- 313 CMS_HWW_boosted_CR1_mcstat_bin14
- 314 CMS_HWW_boosted_SR1b_mcstat_bin0
- 315 CMS_HWW_boosted_SR2a_ttH_hww_mcstat_bin18
- 316 CMS_HWW_boosted_SR1b_mcstat_bin5
- 317 CMS_HWW_boosted_WJetsCR_mcstat_bin3
- 318 CMS_HWW_boosted_SR1a_mcstat_bin16
- 319 CMS_scale_j_Abs_2016APV
- 320 CMS_HWW_boosted_SR1b_mcstat_bin6
- 321 ps_isr_hzz
- 322 CMS_HWW_boosted_tf_dataResidual_2b_MH_Reco_par3
- 323 pdf_hzz
- 324 CMS_scale_j_EC2_2016
- 325 CMS_HWW_boosted_CR1_mcstat_bin19
- 326 ps_fsr_hzz
- 327 CMS_HWW_boosted_SR2a_WH_hww_mcstat_bin0
- 328 CMS_HWW_boosted_SR1a_mcstat_bin13
- 329 CMS_HWW_boosted_ele_trigger_stat_unc_2016APV
- 330 CMS_HWW_boosted_SR2a_ttH_hww_mcstat_bin1

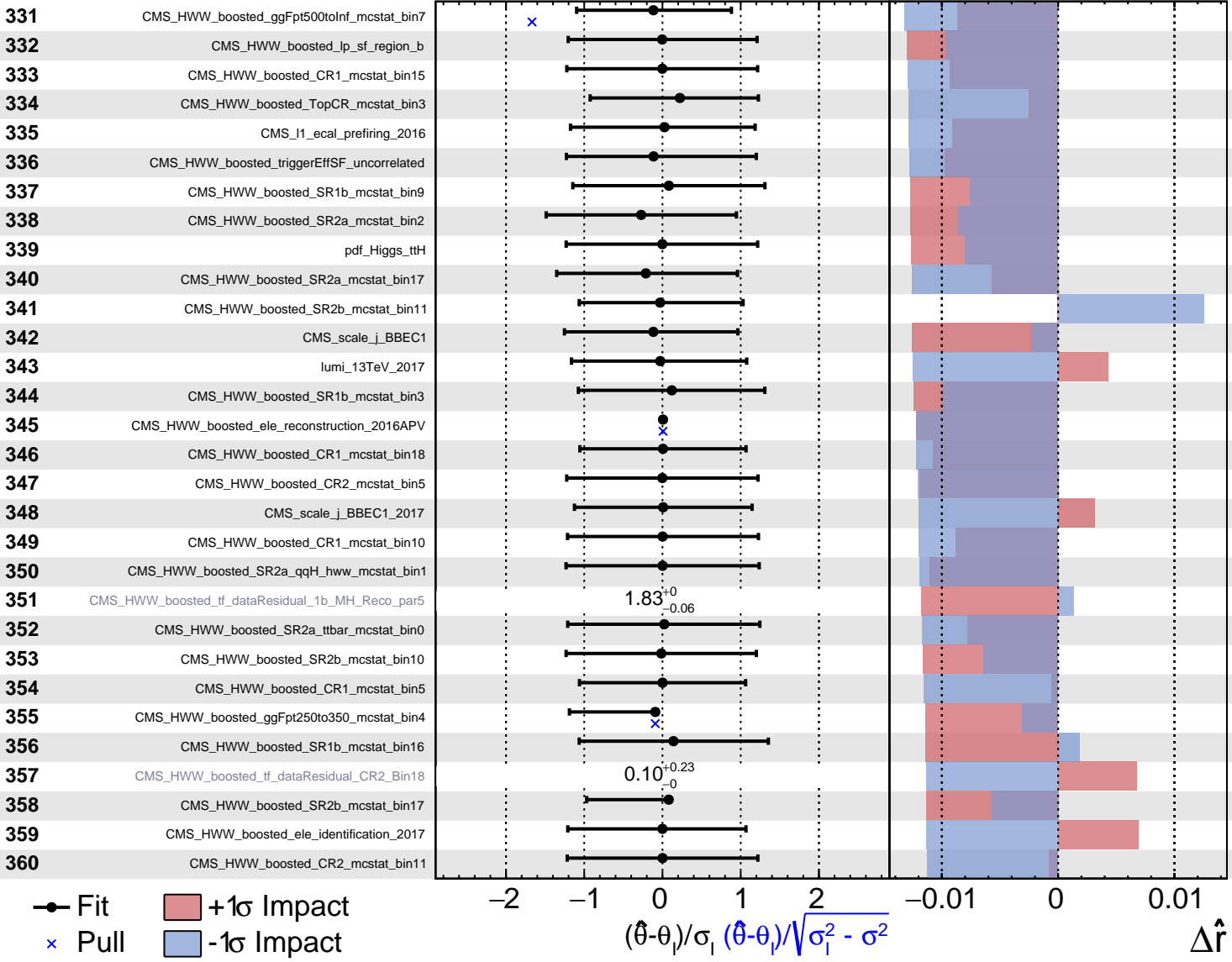


Fit
 +1 σ Impact
 -1 σ Impact
 Pull

Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS Internal

$\hat{r} = -0.3^{+5.3}_{-0.7}$

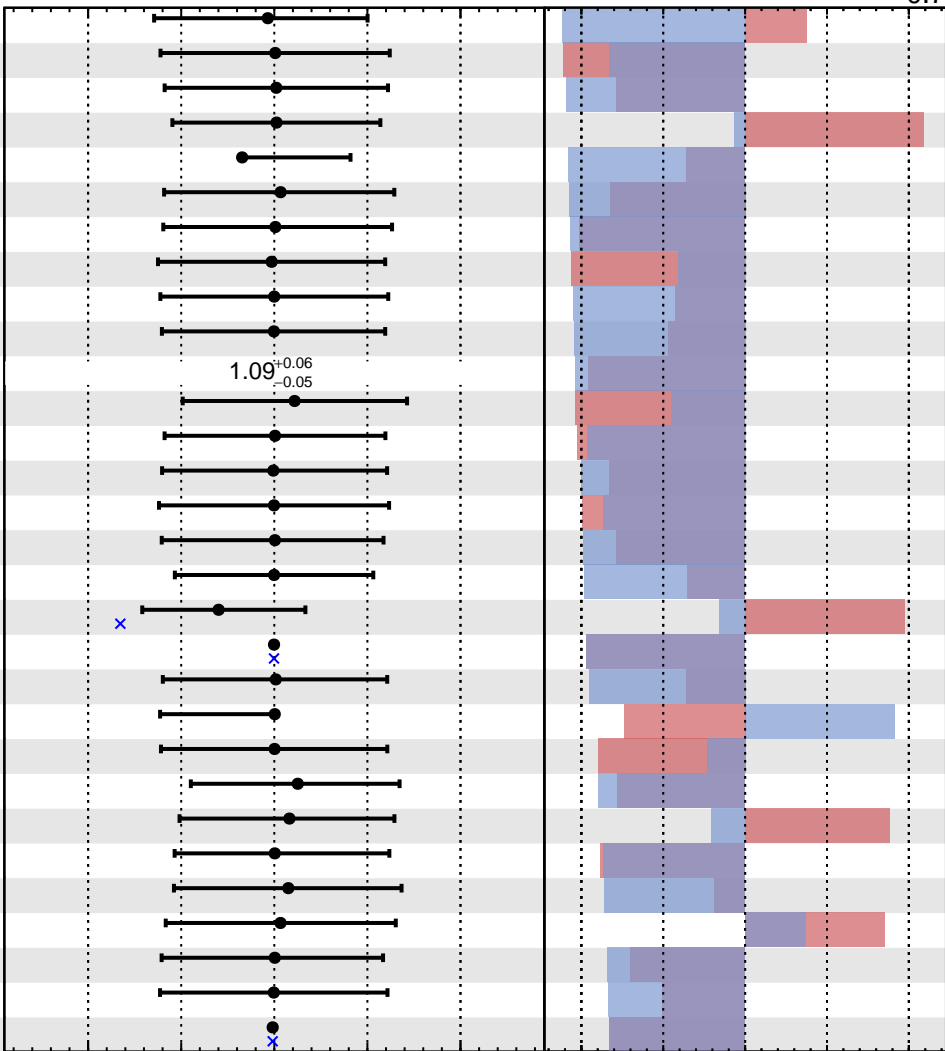


Gaussian
 Poisson
 AsymmetricGaussian
 Unconstrained

CMS Internal

$\hat{r} = -0.3^{+5.3}_{-0.7}$

- 361 CMS_HWW_boosted_SR2b_mcstat_bin2
- 362 QCDscale_ggH
- 363 CMS_HWW_boosted_SR2b_mcstat_bin1
- 364 CMS_HWW_boosted_single_top_rate
- 365 CMS_HWW_boosted_TopCR_mcstat_bin2
- 366 QCDscale_single_top_ACCEPT_CMS_HWW_boosted
- 367 PDF_single_top_ACCEPT_CMS_HWW_boosted
- 368 CMS_scale_j_EC2
- 369 QCDscale_hzz
- 370 CMS_HWW_boosted_CR2_mcstat_bin6
- 371 CMS_HWW_boosted_tf_dataResidual_2b_MH_Reco_par0
- 372 CMS_HWW_boosted_SR2a_wjets_mcstat_bin5
- 373 CMS_HWW_boosted_SR1a_mcstat_bin3
- 374 CMS_HWW_boosted_SR1b_mcstat_bin2
- 375 CMS_HWW_boosted_CR2_mcstat_bin14
- 376 CMS_HWW_boosted_SR2a_wjets_mcstat_bin18
- 377 PDF_ttH_ACCEPT_CMS_HWW_boosted
- 378 ps_fsr_wjets
- 379 CMS_HWW_boosted_ele_identification_2016
- 380 CMS_HWW_boosted_SR2b_mcstat_bin4
- 381 pdf_Higgs_ggH
- 382 ps_fsr_ZH
- 383 CMS_res_j_2018
- 384 CMS_HWW_boosted_ele_trigger_stat_unc_2018
- 385 ps_isr_qqH
- 386 CMS_HWW_boosted_SR2b_mcstat_bin6
- 387 CMS_HWW_boosted_SR2a_ttbarmcstat_bin5
- 388 CMS_HWW_boosted_CR1_mcstat_bin7
- 389 ps_fsr_ttH
- 390 CMS_HWW_boosted_SR1a_mcstat_bin18



Fit
 +1 σ Impact
 Pull
 -1 σ Impact

$(\hat{\theta} - \theta) / \sigma_1$
 $(\hat{\theta} - \theta) / \sqrt{\sigma_1^2 - \sigma^2}$
 $\Delta \hat{r}$

