

Gaussian
 AsymmetricGaussian
 Poisson
 Unconstrained

CMS Internal

$\hat{r} = 1.0^{+2.9}_{-2.3}$

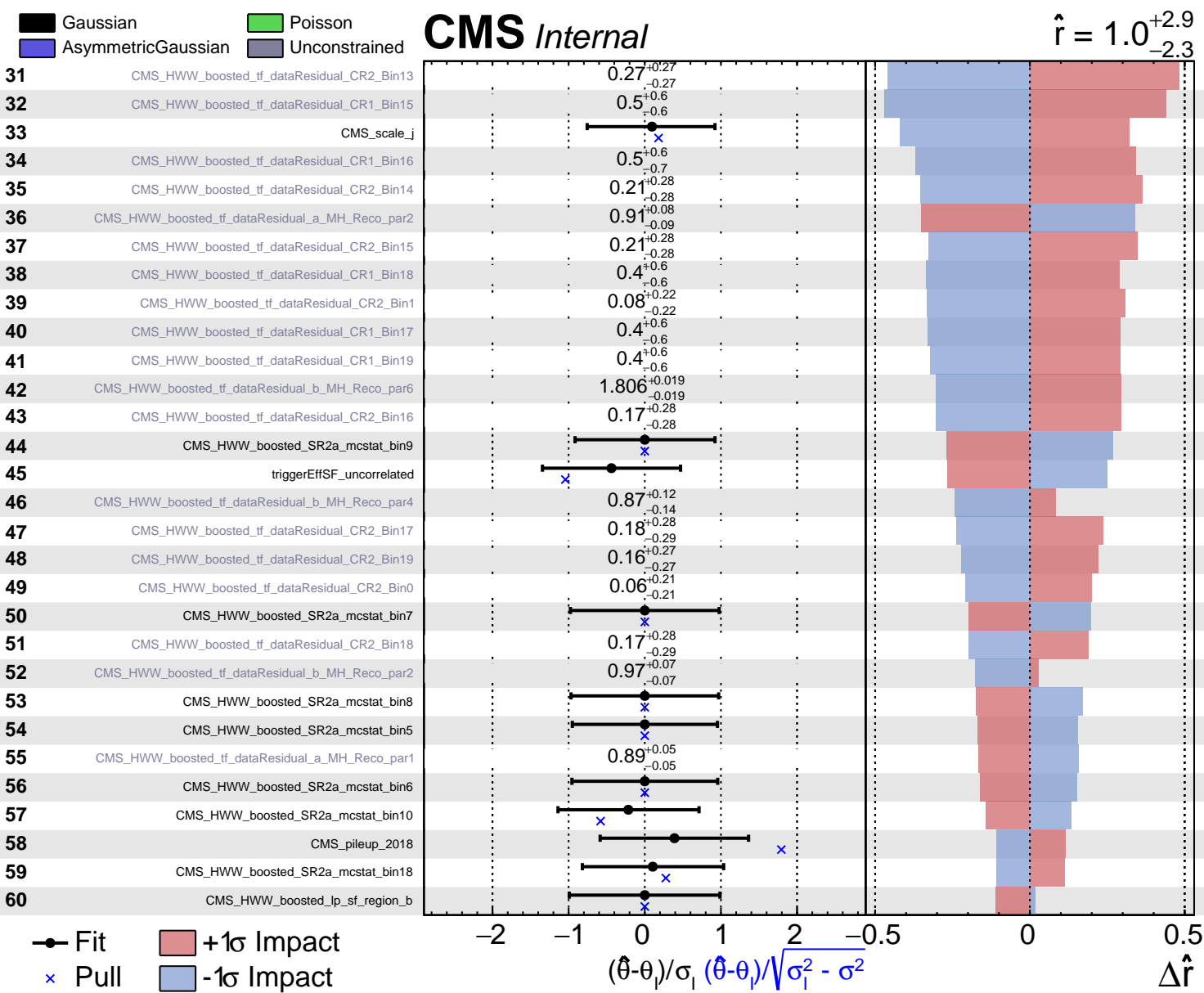
1	CMS_HWW_boosted_tf_dataResidual_CR1_Bin4
2	CMS_HWW_boosted_tf_dataResidual_CR1_Bin5
3	CMS_HWW_boosted_tf_dataResidual_CR1_Bin6
4	CMS_HWW_boosted_tf_dataResidual_CR1_Bin7
5	CMS_HWW_boosted_tf_dataResidual_CR1_Bin8
6	CMS_HWW_boosted_tf_dataResidual_CR1_Bin9
7	CMS_HWW_boosted_tf_dataResidual_CR1_Bin3
8	CMS_HWW_boosted_tf_dataResidual_CR2_Bin5
9	CMS_HWW_boosted_tf_dataResidual_CR1_Bin10
10	CMS_HWW_boosted_tf_dataResidual_CR2_Bin6
11	CMS_HWW_boosted_tf_dataResidual_CR2_Bin4
12	ps_fsr
13	CMS_HWW_boosted_tf_dataResidual_CR1_Bin11
14	CMS_HWW_boosted_tf_dataResidual_CR1_Bin2
15	CMS_HWW_boosted_tf_dataResidual_CR1_Bin1
16	CMS_HWW_boosted_tf_dataResidual_CR2_Bin7
17	ps_isr
18	CMS_HWW_boosted_tf_dataResidual_CR1_Bin12
19	CMS_HWW_boosted_tf_dataResidual_CR2_Bin3
20	CMS_HWW_boosted_tf_dataResidual_CR1_Bin0
21	CMS_HWW_boosted_tf_dataResidual_CR2_Bin8
22	CMS_HWW_boosted_tf_dataResidual_CR1_Bin13
23	CMS_HWW_boosted_tf_dataResidual_CR2_Bin9
24	CMS_HWW_boosted_lp_sf_region_a
25	CMS_HWW_boosted_tf_dataResidual_a_MH_Reco_par3
26	CMS_HWW_boosted_tf_dataResidual_CR2_Bin10
27	CMS_HWW_boosted_tf_dataResidual_CR2_Bin11
28	CMS_HWW_boosted_tf_dataResidual_CR1_Bin14
29	CMS_HWW_boosted_tf_dataResidual_CR2_Bin2
30	CMS_HWW_boosted_tf_dataResidual_CR2_Bin12



Fit
 Pull
 +1σ Impact
 -1σ Impact

$(\hat{\theta} - \theta_0) / \sigma_1$
 $(\hat{\theta} - \theta_0) / \sqrt{\sigma_1^2 - \sigma^2}$

$\Delta \hat{r}$

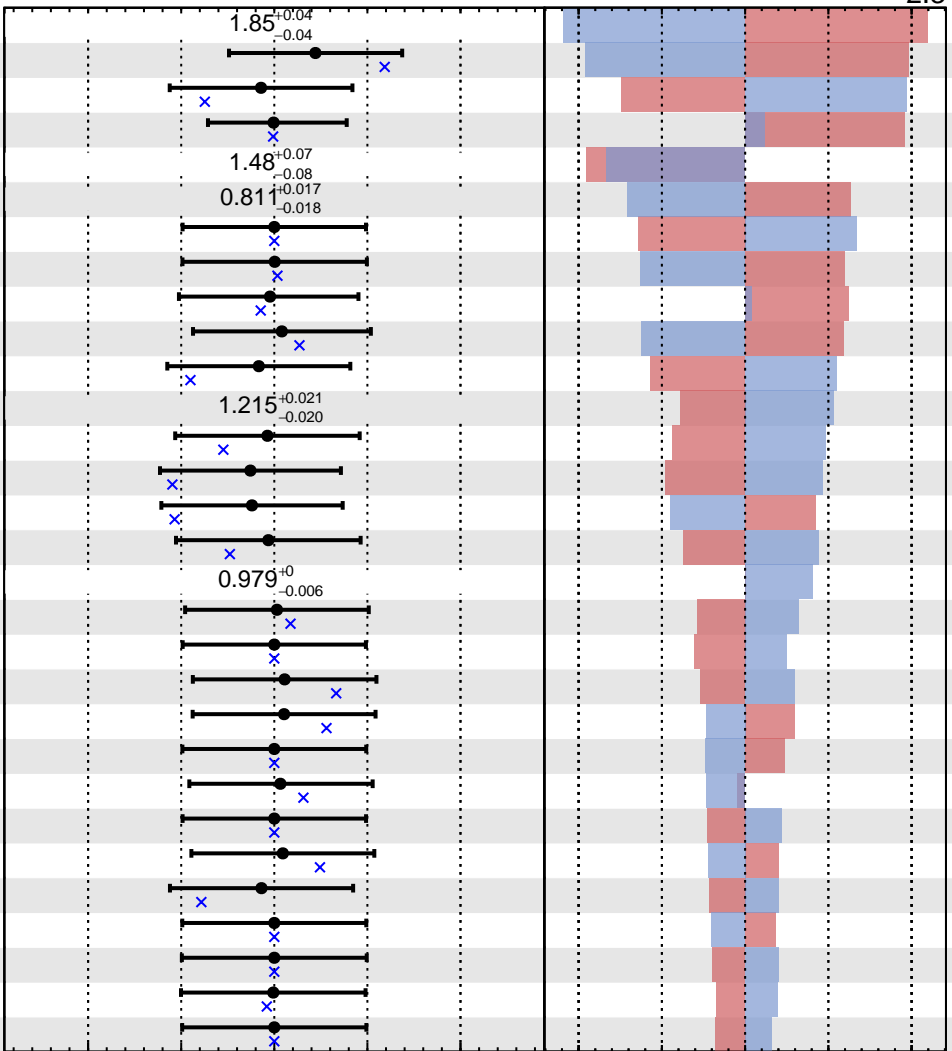


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- 61 CMS_HWW_boosted_tf_dataResidual_b_MH_Reco_par5
- 62 CMS_HWW_boosted_SR2a_mcstat_bin14
- 63 lumi_13TeV_correlated
- 64 unclustered_Energy
- 65 CMS_HWW_boosted_tf_dataResidual_b_MH_Reco_par3
- 66 CMS_HWW_boosted_tf_dataResidual_a_MH_Reco_par0
- 67 CMS_HWW_boosted_SR2a_wjets_mcstat_bin4
- 68 CMS_pileup_2016
- 69 CMS_res_j_2017
- 70 CMS_HWW_boosted_SR2a_mcstat_bin15
- 71 CMS_HWW_boosted_SR2a_mcstat_bin3
- 72 CMS_HWW_boosted_tf_dataResidual_b_MH_Reco_par1
- 73 lumi_13TeV_2018
- 74 CMS_HWW_boosted_SR2a_mcstat_bin11
- 75 CMS_HWW_boosted_SR2a_mcstat_bin19
- 76 lumi_13TeV_2017
- 77 CMS_HWW_boosted_tf_dataResidual_b_MH_Reco_par0
- 78 CMS_HWW_boosted_SR1a_mcstat_bin18
- 79 CMS_HWW_boosted_SR1a_mcstat_bin9
- 80 CMS_HWW_boosted_SR1a_mcstat_bin19
- 81 CMS_HWW_boosted_SR1a_mcstat_bin11
- 82 CMS_HWW_boosted_SR1a_mcstat_bin4
- 83 CMS_res_j_2016
- 84 CMS_HWW_boosted_SR2b_mcstat_bin8
- 85 CMS_HWW_boosted_SR1a_mcstat_bin2
- 86 CMS_HWW_boosted_SR2a_mcstat_bin2
- 87 CMS_HWW_boosted_SR1a_mcstat_bin5
- 88 CMS_HWW_boosted_SR2a_ttbar_mcstat_bin4
- 89 CMS_HWW_boosted_SR1a_mcstat_bin0
- 90 CMS_HWW_boosted_SR1a_mcstat_bin8



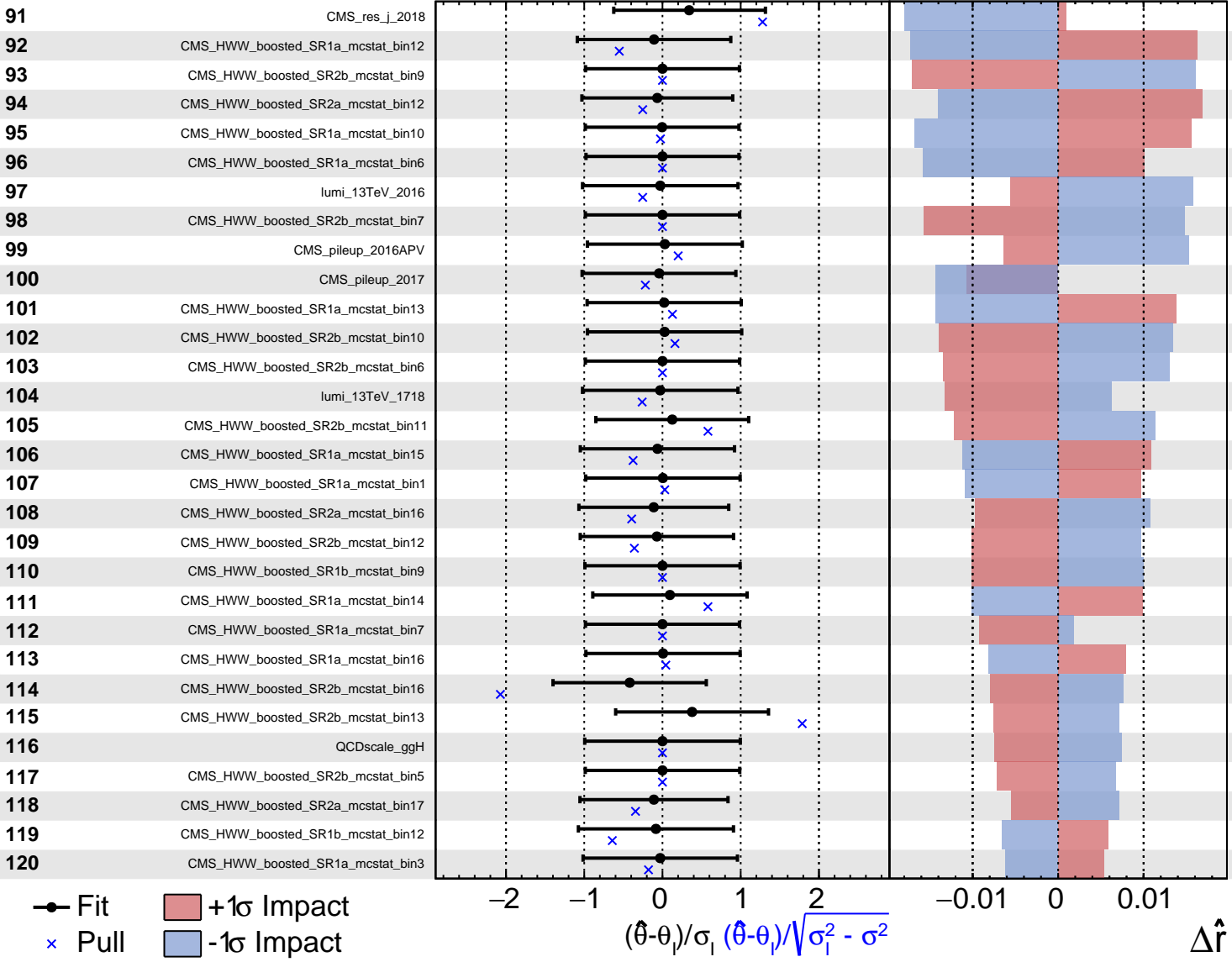
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$(\hat{\theta} - \theta_i) / \sigma_i$
 $(\hat{\theta} - \theta_i) / \sqrt{\sigma_i^2 - \sigma^2}$
 $\Delta \hat{r}$

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CMS *Internal*

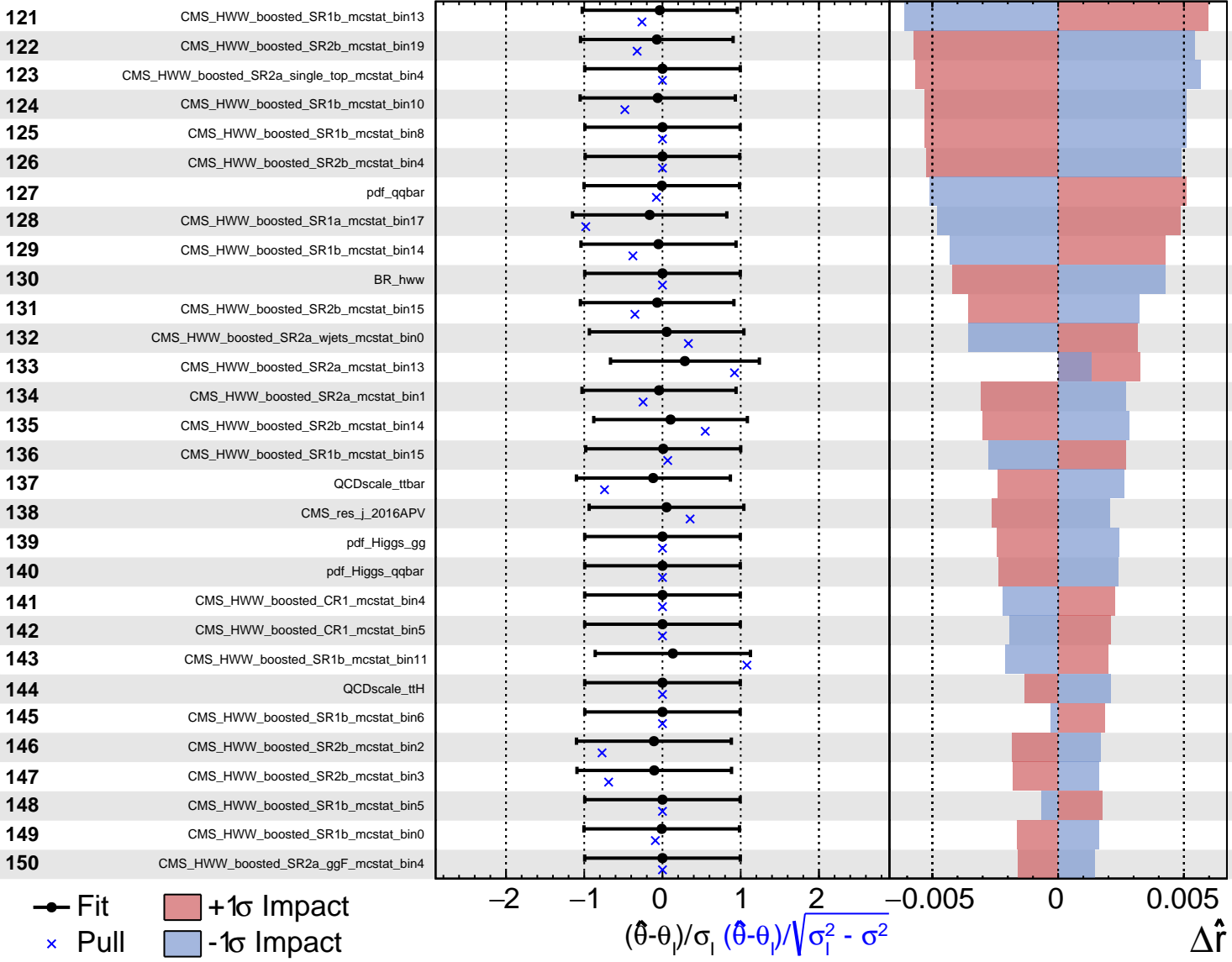
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