

CMS Internal $\hat{r} = 1 \pm 0.608$ 91 CMS httbar mujets MCstatBin16 92 CMS_httbar_II_MCstatBin24 93 CMS httbar mujets MCstatBin79 94 CMS httbar II MCstatBin10 95 CMS_scale_j_13TeV_TimePtEta 96 CMS httbar mujets MCstatBin32 97 CMS_httbar_mujets_MCstatBin42 98 CMS_httbar_II_MCstatBin7 99 CMS_httbar_QCDejetsNorm 100 CMS_httbar_II_MCstatBin96 101 CMS httbar mujets MCstatBin37 102 CMS_httbar_II_MCstatBin19 103 CMS_eff_b_13TeV 104 CMS_httbar_ejets_MCstatBin48 105 CMS_httbar_II_MCstatBin8 106 CMS_scale_i_13TeV_RelativePtBB 107 CMS_httbar_mujets_MCstatBin70 108 CMS_httbar_II_MCstatBin23 109 CMS_httbar_mujets_MCstatBin6 110 CMS_httbar_II_MCstatBin6 111 CMS_httbar_II_MCstatBin107 112 CMS_httbar_mujets_MCstatBin1 113 CMS_httbar_mujets_MCstatBin14 114 CMS httbar mujets MCstatBin51 115 CMS_httbar_II_MCstatBin98 116 CMS_httbar_mujets_MCstatBin69 117 CMS_httbar_II_MCstatBin46 118 CMS_httbar_ejets_MCstatBin7 119 CMS_METunclustered_13TeV 120 CMS_httbar_mujets_MCstatBin23

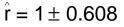
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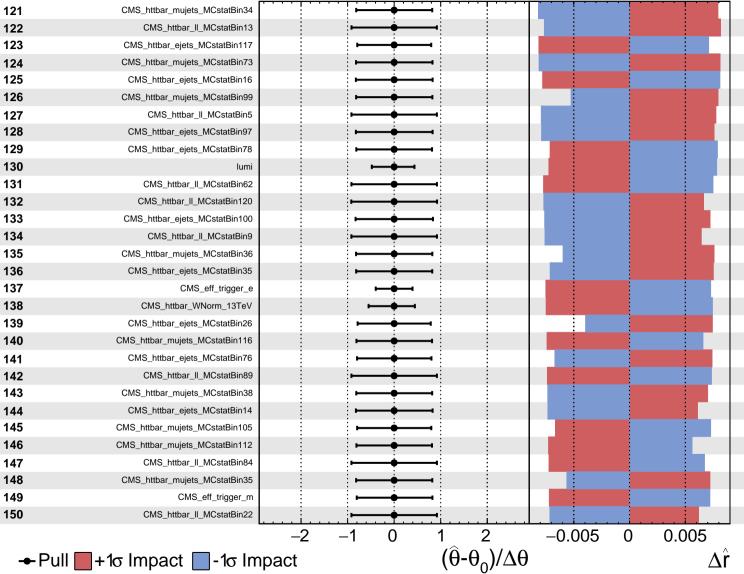
→ Pull +1σ Impact -1σ Impact

2 -0.01-0.005

0.005 0.01





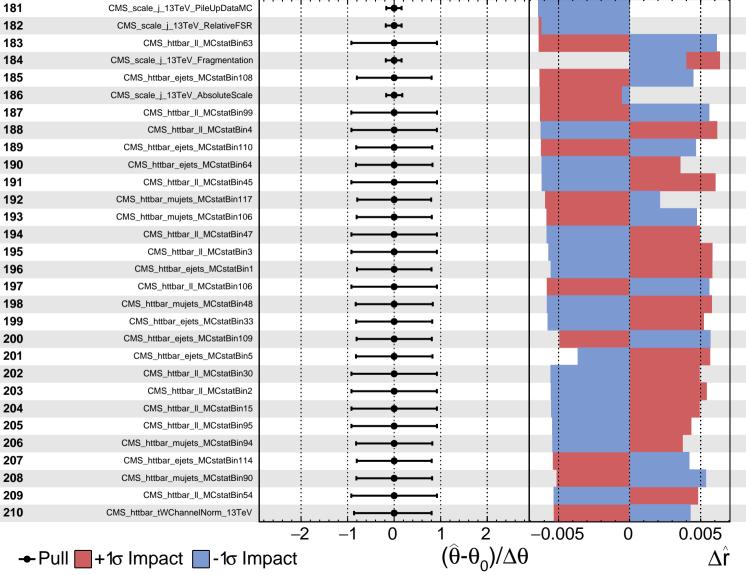


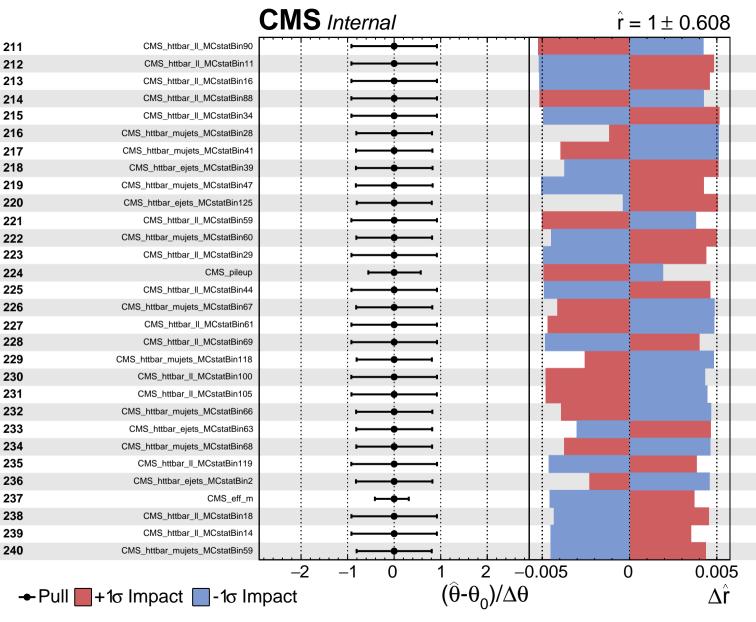
CMS Internal $\hat{r} = 1 \pm 0.608$ 151 CMS httbar II MCstatBin12 152 CMS_fake_b_13TeV 153 CMS httbar II MCstatBin31 154 CMS httbar ejets MCstatBin118 155 CMS_httbar_II_MCstatBin70 156 CMS httbar ejets MCstatBin37 157 CMS_httbar_ejets_MCstatBin36 158 CMS_httbar_ejets_MCstatBin67 159 CMS_httbar_mujets_MCstatBin80 160 CMS_httbar_II_MCstatBin32 161 CMS httbar ejets MCstatBin68 162 CMS_httbar_II_MCstatBin97 163 CMS_httbar_ejets_MCstatBin123 164 CMS httbar II MCstatBin114 165 CMS_httbar_ejets_MCstatBin34 166 CMS_scale_j_13TeV_PileUpPtRef 167 CMS_httbar_ejets_MCstatBin119 168 CMS_httbar_mujets_MCstatBin108 169 CMS httbar mujets MCstatBin113 170 CMS_httbar_mujets_MCstatBin104 171 CMS_httbar_ejets_MCstatBin122 172 CMS_httbar_mujets_MCstatBin120 173 CMS_httbar_II_MCstatBin20 174 CMS httbar II MCstatBin74 175 CMS_httbar_II_MCstatBin115 176 CMS_httbar_mujets_MCstatBin15 177 CMS_httbar_mujets_MCstatBin33 178 CMS_httbar_ejets_MCstatBin6 179 CMS_httbar_II_MCstatBin71 180 CMS_httbar_II_MCstatBin64 -0.0050 0.005 0

→ Pull +15 Impact -15 Impact



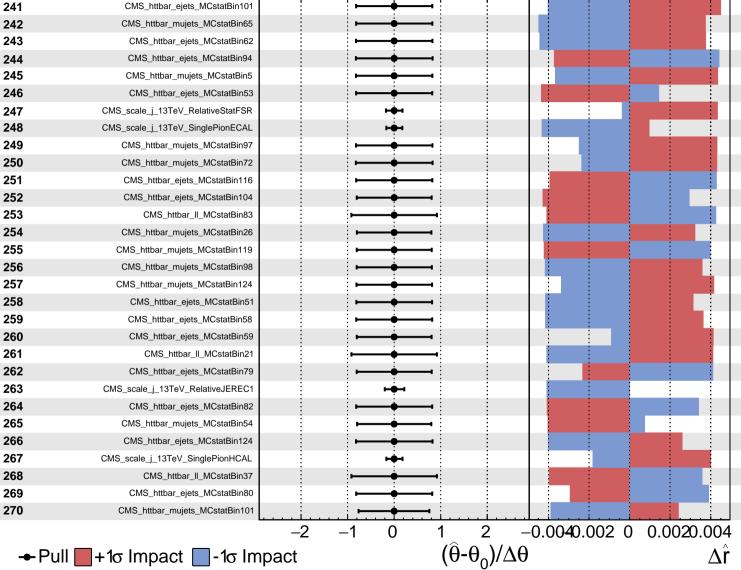
 $\hat{r} = 1 \pm 0.608$

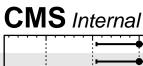


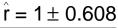


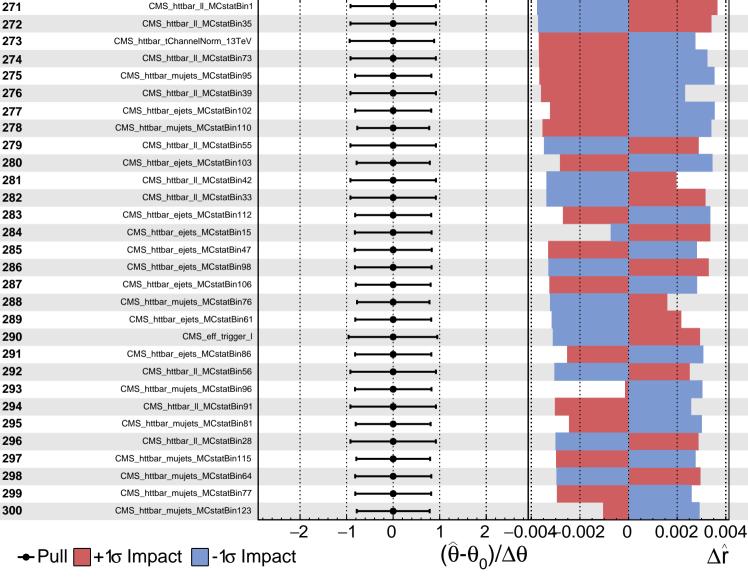


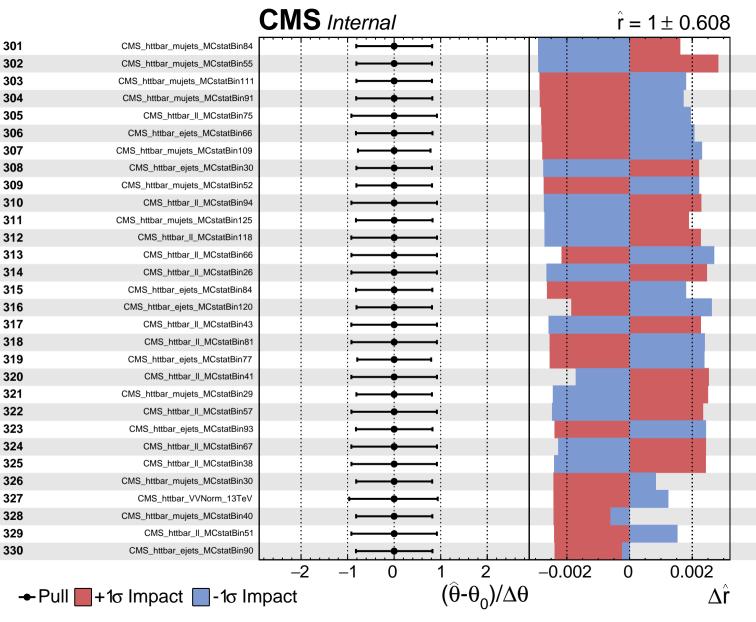
 $\hat{r} = 1 \pm 0.608$





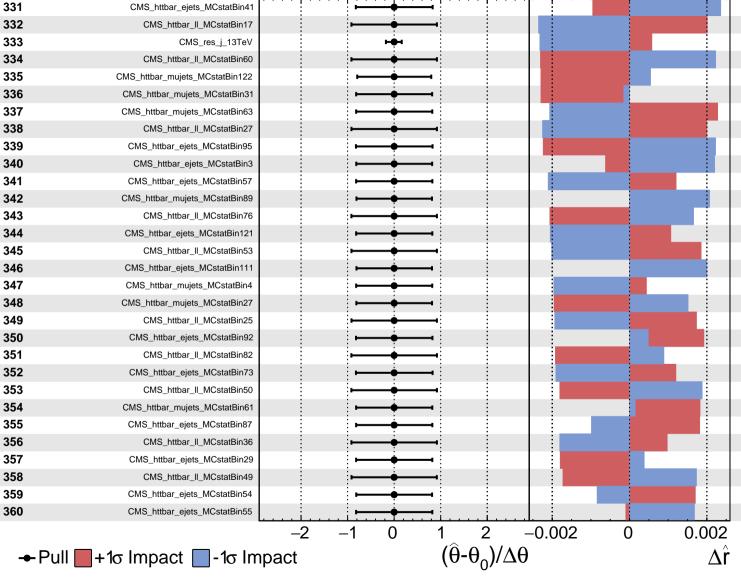


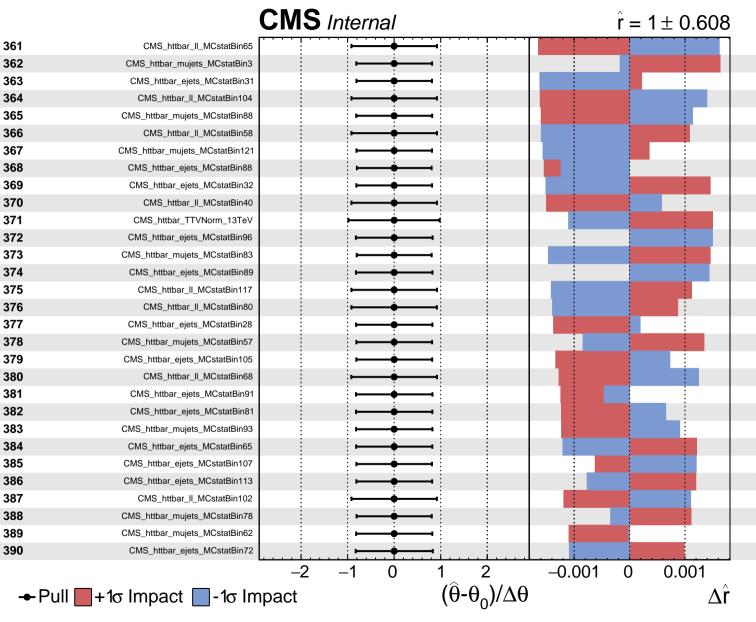












CMS Internal

 $\hat{r}=1\pm0.608$

