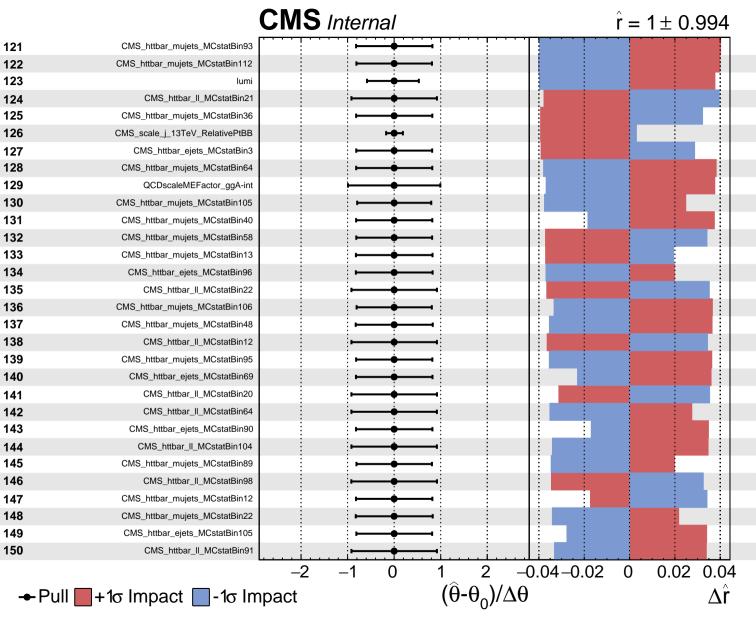
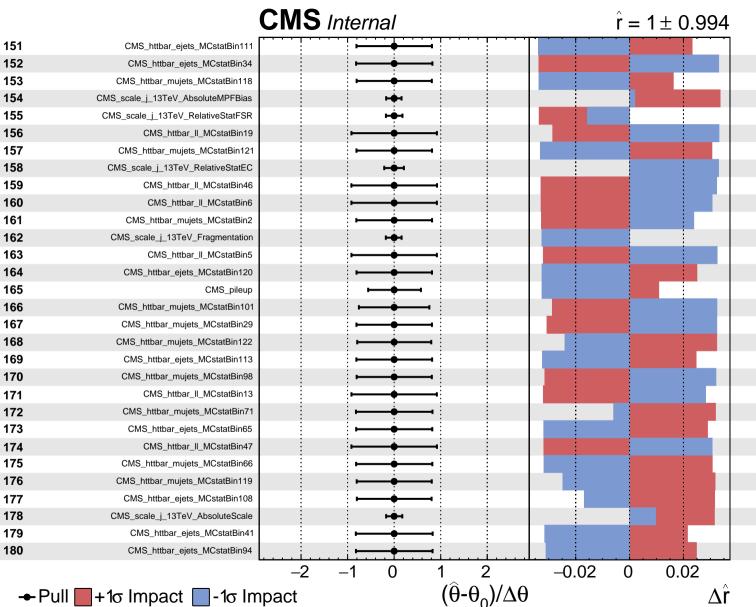
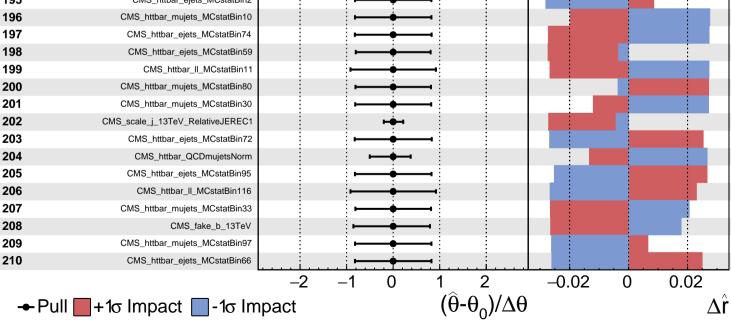


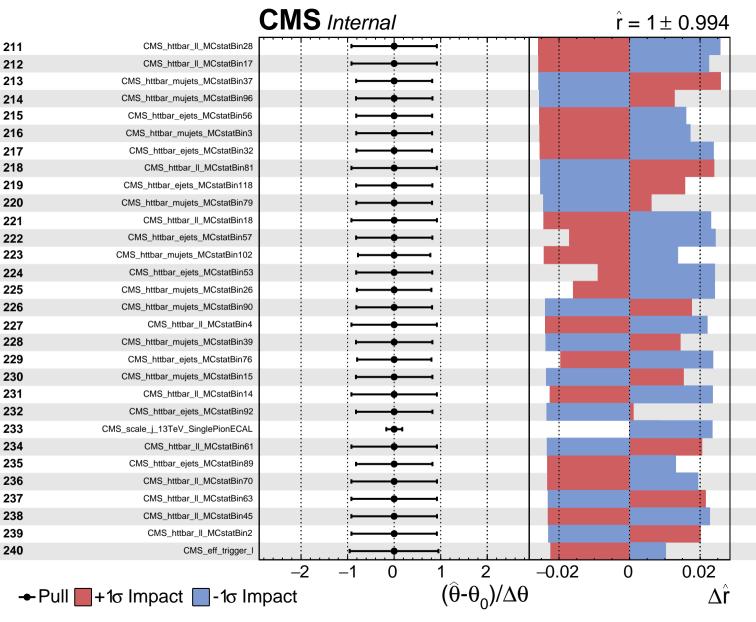
CMS Internal $\hat{r} = 1 \pm 0.994$ 91 CMS httbar mujets MCstatBin11 92 CMS_httbar_II_MCstatBin82 93 CMS httbar II MCstatBin85 94 CMS scale i 13TeV PileUpPtRef 95 CMS_httbar_ejets_MCstatBin91 96 CMS httbar II MCstatBin83 97 CMS_httbar_ejets_MCstatBin8 98 CMS_httbar_II_MCstatBin90 99 CMS_httbar_ejets_MCstatBin49 100 CMS_httbar_II_MCstatBin120 101 CMS httbar II MCstatBin23 102 CMS_httbar_mujets_MCstatBin113 103 CMS_httbar_ejets_MCstatBin112 104 CMS_httbar_ejets_MCstatBin46 105 CMS_httbar_II_MCstatBin115 106 CMS_httbar_ejets_MCstatBin26 107 CMS_httbar_II_MCstatBin88 108 CMS_scale_i_13TeV_SinglePionHCAL 109 CMS_eff_trigger_e 110 CMS_httbar_mujets_MCstatBin68 111 CMS_httbar_mujets_MCstatBin115 112 CMS_httbar_ejets_MCstatBin42 113 CMS_httbar_mujets_MCstatBin117 114 CMS_httbar_ejets_MCstatBin47 115 CMS_httbar_ejets_MCstatBin78 116 CMS_eff_trigger_m 117 CMS_httbar_mujets_MCstatBin32 118 CMS_httbar_ejets_MCstatBin117 119 CMS_httbar_II_MCstatBin10 120 CMS_httbar_II_MCstatBin89 -0.050.05 0 → Pull +15 Impact -15 Impact





CMS Internal $\hat{r} = 1 \pm 0.994$ 181 CMS httbar mujets MCstatBin41 182 CMS_scale_j_13TeV_RelativeFSR 183 CMS httbar mujets MCstatBin46 184 CMS httbar ejets MCstatBin104 185 CMS_httbar_II_MCstatBin7 186 CMS httbar ejets MCstatBin68 187 CMS_httbar_ejets_MCstatBin70 188 CMS_httbar_mujets_MCstatBin42 189 CMS_httbar_ejets_MCstatBin24 190 CMS_httbar_ejets_MCstatBin15 191 CMS httbar II MCstatBin8 192 CMS_httbar_II_MCstatBin71 193 CMS_httbar_mujets_MCstatBin54 194 CMS httbar II MCstatBin74 195 CMS_httbar_ejets_MCstatBin2 196 CMS_httbar_mujets_MCstatBin10 197 CMS_httbar_ejets_MCstatBin74 198 CMS_httbar_ejets_MCstatBin59 199 CMS httbar II MCstatBin11 200 CMS_httbar_mujets_MCstatBin80 201 CMS_httbar_mujets_MCstatBin30 202 CMS_scale_j_13TeV_RelativeJEREC1 203 CMS_httbar_ejets_MCstatBin72 204 CMS httbar QCDmujetsNorm 205 CMS_httbar_ejets_MCstatBin95 206 CMS_httbar_II_MCstatBin116 207 CMS_httbar_mujets_MCstatBin33 208 CMS_fake_b_13TeV





CMS Internal $\hat{r} = 1 \pm 0.994$ CMS httbar mujets MCstatBin78 CMS_httbar_ejets_MCstatBin33 CMS httbar mujets MCstatBin74 CMS httbar ejets MCstatBin121 CMS_httbar_ejets_MCstatBin115 CMS httbar mujets MCstatBin76 CMS_httbar_II_MCstatBin62 CMS_httbar_ejets_MCstatBin40 CMS_httbar_mujets_MCstatBin45 CMS_scale_j_13TeV_FlavorQCD CMS httbar II MCstatBin44 CMS_httbar_II_MCstatBin1 CMS_httbar_mujets_MCstatBin63 CMS httbar II MCstatBin97 CMS_httbar_ejets_MCstatBin122 CMS_httbar_ejets_MCstatBin114 CMS_httbar_mujets_MCstatBin110 CMS_httbar_II_MCstatBin67 CMS httbar ejets MCstatBin63 CMS_httbar_mujets_MCstatBin108 CMS_httbar_mujets_MCstatBin52 CMS_httbar_mujets_MCstatBin51 CMS_httbar_II_MCstatBin29 CMS httbar II MCstatBin99 CMS_httbar_mujets_MCstatBin35

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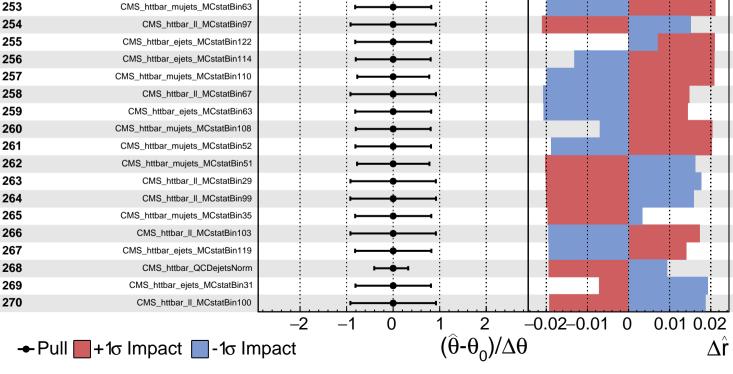
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CMS Internal $\hat{r} = 1 \pm 0.994$ CMS httbar II MCstatBin16 271 272 CMS_httbar_mujets_MCstatBin104 273 CMS httbar mujets MCstatBin84 CMS httbar ejets MCstatBin81 274 275 CMS_httbar_mujets_MCstatBin38 276 CMS httbar ejets MCstatBin71 277 CMS httbar II MCstatBin77 278 CMS_httbar_mujets_MCstatBin87 279 CMS_httbar_mujets_MCstatBin86 280 CMS_httbar_II_MCstatBin32 281 CMS httbar ejets MCstatBin102 282 CMS_httbar_II_MCstatBin31 283 CMS_httbar_mujets_MCstatBin1 284 CMS httbar ejets MCstatBin123 285 CMS_httbar_ejets_MCstatBin97 286 CMS_httbar_II_MCstatBin30 287 CMS httbar II MCstatBin69 288 CMS_httbar_mujets_MCstatBin81 289 CMS httbar II MCstatBin34 290 CMS_httbar_ejets_MCstatBin116 291 CMS_httbar_mujets_MCstatBin28 292 CMS_httbar_mujets_MCstatBin31 293 CMS_httbar_ejets_MCstatBin99 294 CMS httbar ejets MCstatBin52 295 CMS_httbar_ejets_MCstatBin38 296 CMS_httbar_ejets_MCstatBin87 297 CMS_httbar_mujets_MCstatBin23 298 CMS_httbar_mujets_MCstatBin88 299 CMS_httbar_ejets_MCstatBin85 300 CMS_httbar_mujets_MCstatBin27 2 -0.02 -0.01 0.01 0.02 0 → Pull +1σ Impact -1σ Impact

