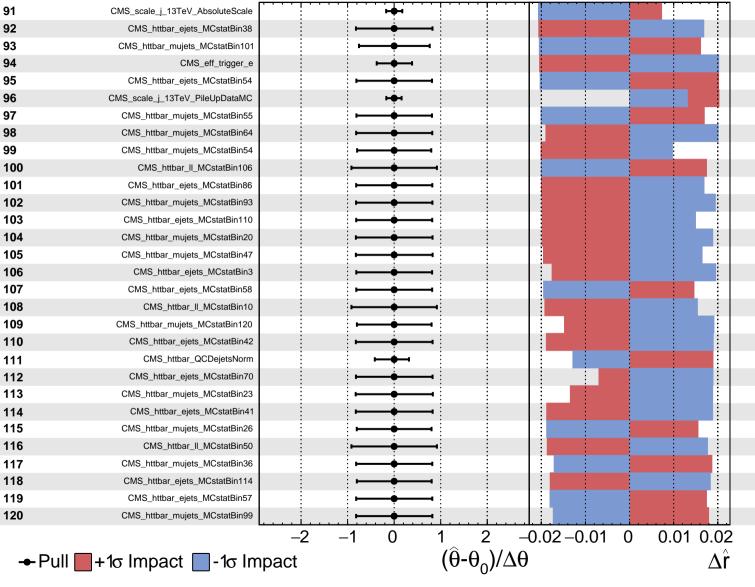


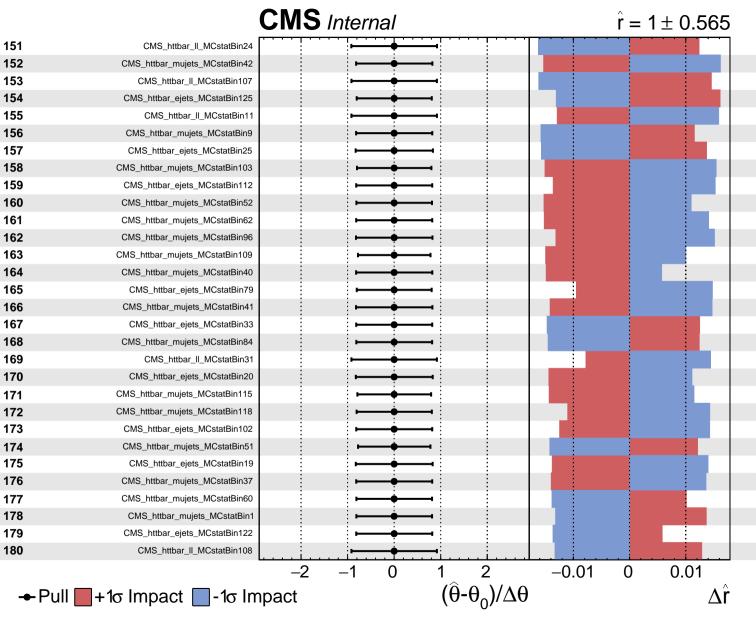
**CMS** Internal

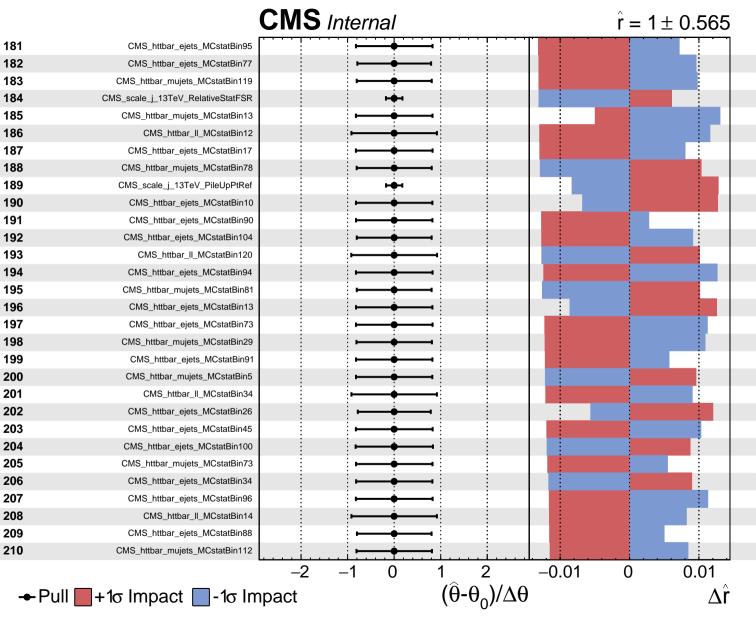
 $\hat{r} = 1 \pm 0.565$ 

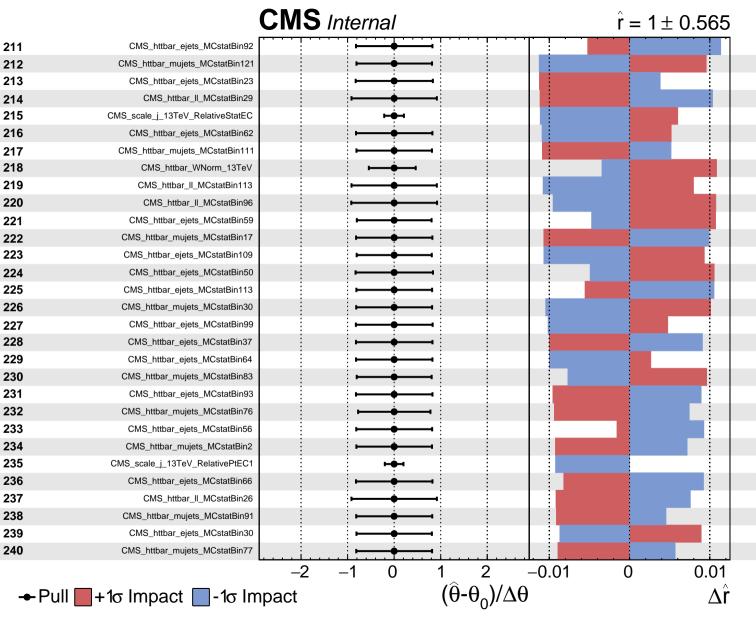


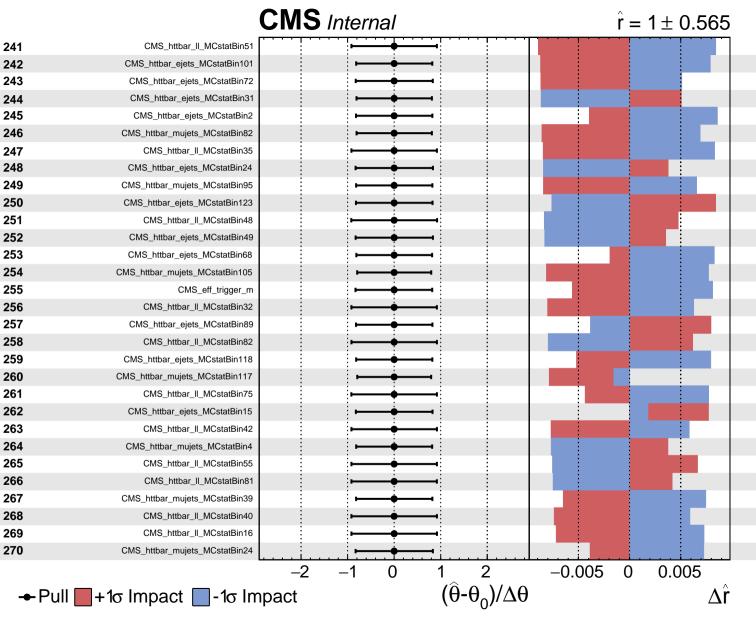
**CMS** Internal  $\hat{r} = 1 \pm 0.565$ CMS httbar ejets MCstatBin44 121 122 CMS\_httbar\_mujets\_MCstatBin94 123 CMS httbar II MCstatBin72 124 CMS\_httbar\_ejets\_MCstatBin119 125 CMS\_httbar\_ejets\_MCstatBin18 126 CMS httbar mujets MCstatBin92 127 CMS\_httbar\_mujets\_MCstatBin35 128 CMS\_httbar\_ejets\_MCstatBin35 129 CMS\_httbar\_mujets\_MCstatBin59 130 CMS\_httbar\_mujets\_MCstatBin67 131 CMS httbar mujets MCstatBin90 132 CMS\_scale\_j\_13TeV\_AbsoluteStat 133 CMS\_httbar\_II\_MCstatBin3 134 CMS httbar ejets MCstatBin63 135 CMS\_httbar\_ejets\_MCstatBin55 136 CMS\_httbar\_mujets\_MCstatBin102 137 TTXsec 138 CMS\_httbar\_II\_MCstatBin2 139 CMS eff e 140 CMS httbar mujets MCstatBin7 141 CMS\_httbar\_ejets\_MCstatBin16 142 CMS\_httbar\_mujets\_MCstatBin14 143 CMS\_httbar\_ejets\_MCstatBin29 CMS httbar II MCstatBin73 144 145 CMS\_httbar\_tChannelNorm\_13TeV 146 CMS\_httbar\_ejets\_MCstatBin117 147 CMS\_httbar\_mujets\_MCstatBin25 148 CMS\_scale\_i\_13TeV\_PileUpPtEC1 149 CMS\_httbar\_ejets\_MCstatBin53 150 CMS\_httbar\_ejets\_MCstatBin47 -2 -0.010.01 0

→ Pull +15 Impact -15 Impact

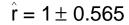


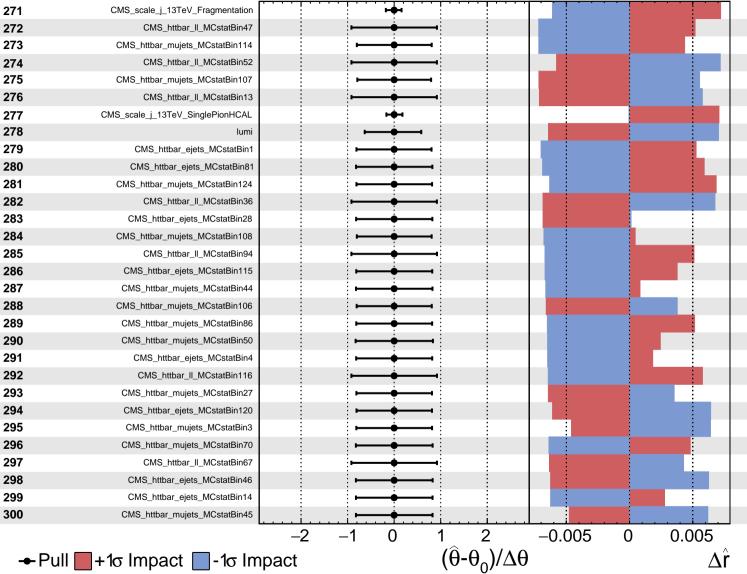


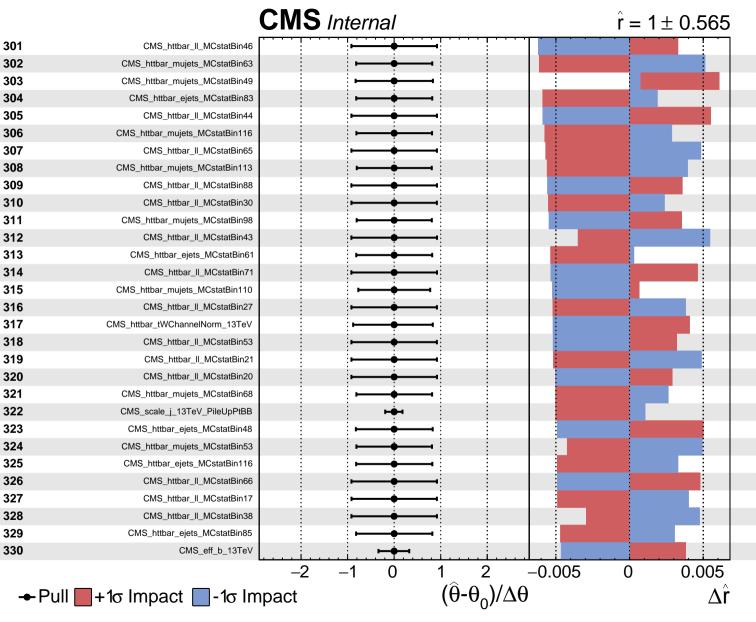


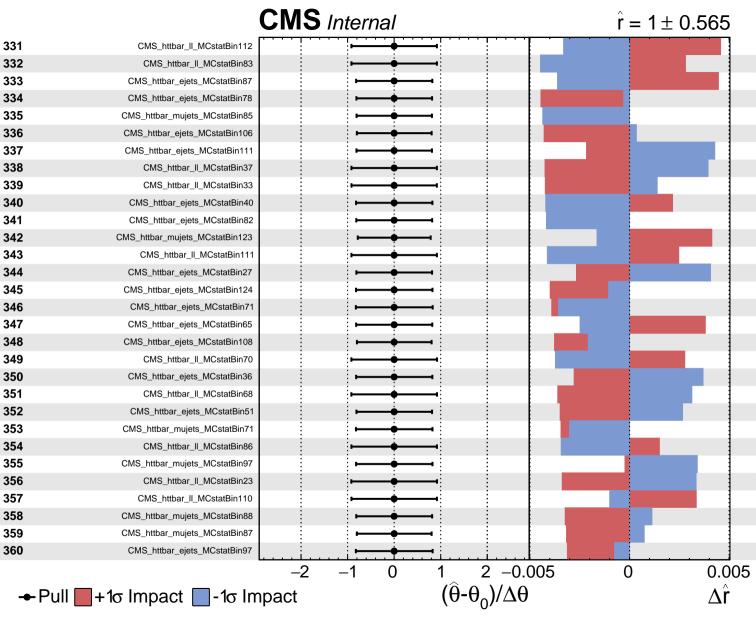


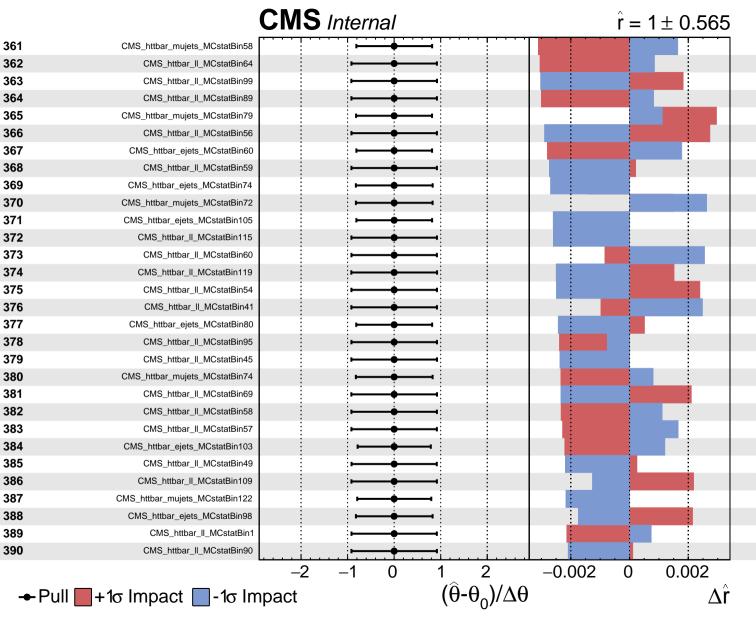












**CMS** Internal  $\hat{r} = 1 \pm 0.565$ 391 CMS httbar II MCstatBin117 392 CMS\_eff\_trigger\_I 393 CMS httbar II MCstatBin19 394 CMS httbar mujets MCstatBin34 395 CMS\_httbar\_II\_MCstatBin84 396 CMS httbar II MCstatBin15 397 CMS\_httbar\_II\_MCstatBin63 398 CMS\_httbar\_II\_MCstatBin18 399 CMS\_httbar\_II\_MCstatBin25 400 CMS\_httbar\_II\_MCstatBin39 401 CMS httbar II MCstatBin85 402 CMS\_httbar\_II\_MCstatBin91 403 CMS\_httbar\_TTVNorm\_13TeV 404 CMS httbar II MCstatBin61 405 CMS\_httbar\_ejets\_MCstatBin107 406 CMS\_httbar\_II\_MCstatBin118 CMS\_httbar\_ejets\_MCstatBin121 CMS\_httbar\_ejets\_MCstatBin52 CMS eff m CMS httbar II MCstatBin87 CMS\_httbar\_II\_MCstatBin22 QCDscaleMERenorm\_ggA-sgn CMS httbar\_II\_MCstatBin62 CMS httbar VVNorm 13TeV CMS\_res\_j\_13TeV CMS\_scale\_j\_13TeV\_AbsoluteMPFBias CMS\_httbar\_sChannelNorm\_13TeV CMS\_httbar\_II\_MCstatBin114 CMS\_httbar\_II\_MCstatBin93 CMS\_scale\_j\_13TeV\_SinglePionECAL

