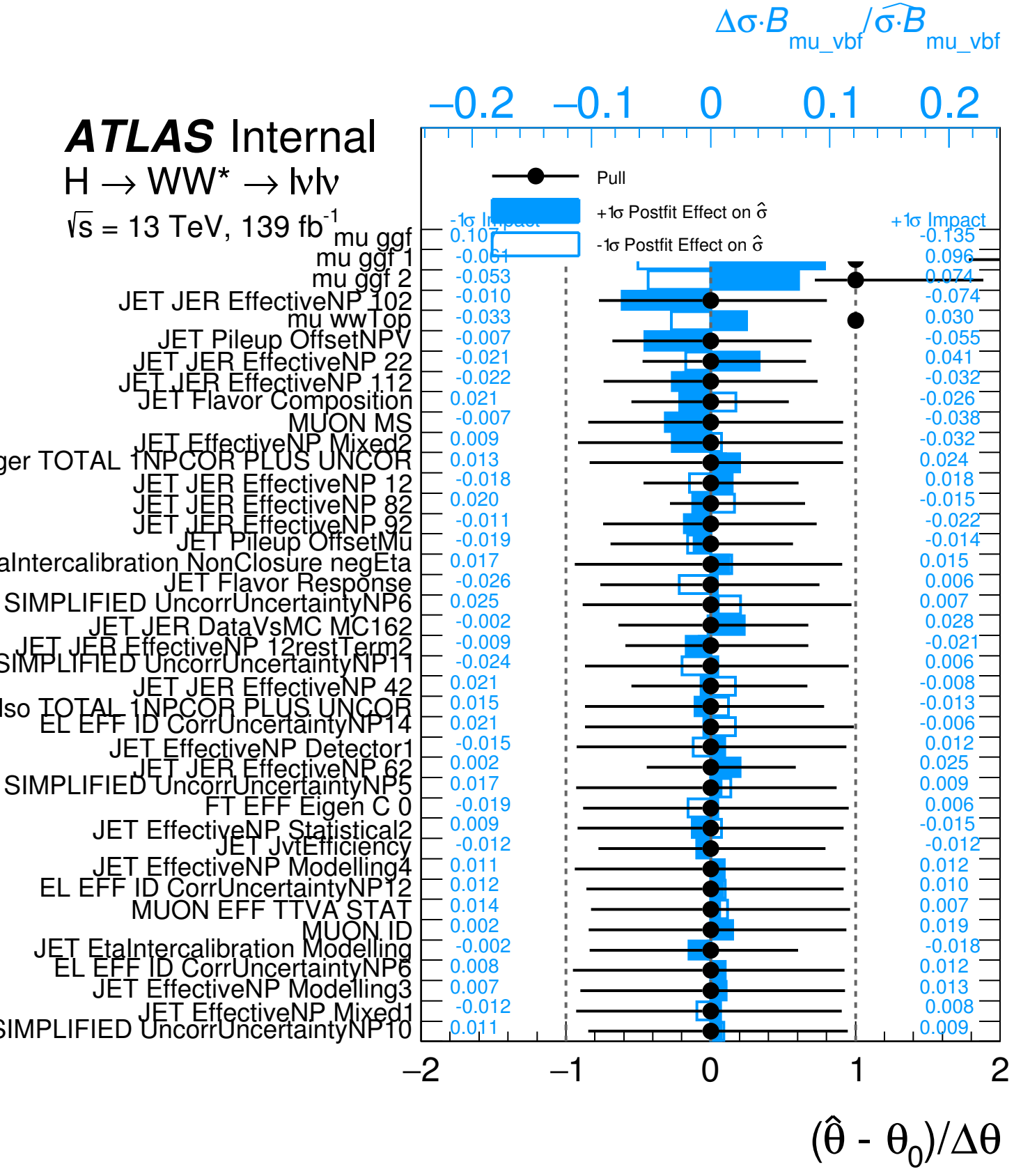
$\Delta\sigma \cdot B_{mu_vbf} / \widehat{\sigma \cdot B}_{mu_vbf}$
ATLAS Internal
H → WW* → lνlν
√s = 13 TeV, 139 fb-1
Pull
+1σ Postfit Effect on σ̂
-1σ Postfit Effect on σ̂
-1σ Impact
+1σ Impact
mu ggf 0.107 -0.135
mu ggf 1 -0.061 0.096
mu ggf 2 -0.053 0.074
JET JER EffectiveNP 102 -0.010 -0.074
mu wwTop -0.033 0.030
JET Pileup OffsetNPV -0.007 -0.055
JET JER EffectiveNP 22 -0.021 0.041
JET JER EffectiveNP 112 -0.022 -0.032
JET Flavor Composition 0.021 -0.026
MUON MS -0.007 -0.038
JET EffectiveNP Mixed2 0.009 -0.032
ger TOTAL 1NPCOR PLUS UNCOR 0.013 0.024
JET JER EffectiveNP 12 -0.018 0.018
JET JER EffectiveNP 82 0.020 -0.015
JET JER EffectiveNP 92 -0.011 -0.022
JET Pileup OffsetMu -0.019 -0.014
aIntercalibration NonClosure negEta 0.017 0.015
JET Flavor Response -0.026 0.006
SIMPLIFIED UncorrUncertaintyNP6 0.025 0.007
JET JER DataVsMC MC162 -0.002 0.028
JET JER EffectiveNP 12restTerm2 -0.009 -0.021
SIMPLIFIED UncorrUncertaintyNP11 -0.024 0.006
JET JER EffectiveNP 42 0.021 -0.008
lso TOTAL 1NPCOR PLUS UNCOR 0.015 -0.013
EL EFF ID CorrUncertaintyNP14 0.021 -0.006
JET EffectiveNP Detector1 -0.015 0.012
JET JER EffectiveNP 62 0.002 0.025
SIMPLIFIED UncorrUncertaintyNP5 0.017 0.009
FT EFF Eigen C 0 -0.019 0.006
JET EffectiveNP Statistical2 0.009 -0.015
JET JvtEfficiency -0.012 -0.012
JET EffectiveNP Modelling4 0.011 0.012
EL EFF ID CorrUncertaintyNP12 0.012 0.010
MUON EFF TTVA STAT 0.014 0.007
MUON ID 0.002 0.019
JET EtaIntercalibration Modelling -0.002 -0.018
EL EFF ID CorrUncertaintyNP6 0.008 0.012
JET EffectiveNP Modelling3 0.007 0.013
JET EffectiveNP Mixed1 -0.012 0.008
SIMPLIFIED UncorrUncertaintyNP10 0.011 0.009
$(\hat{\theta} - \theta_0)/\Delta\theta$