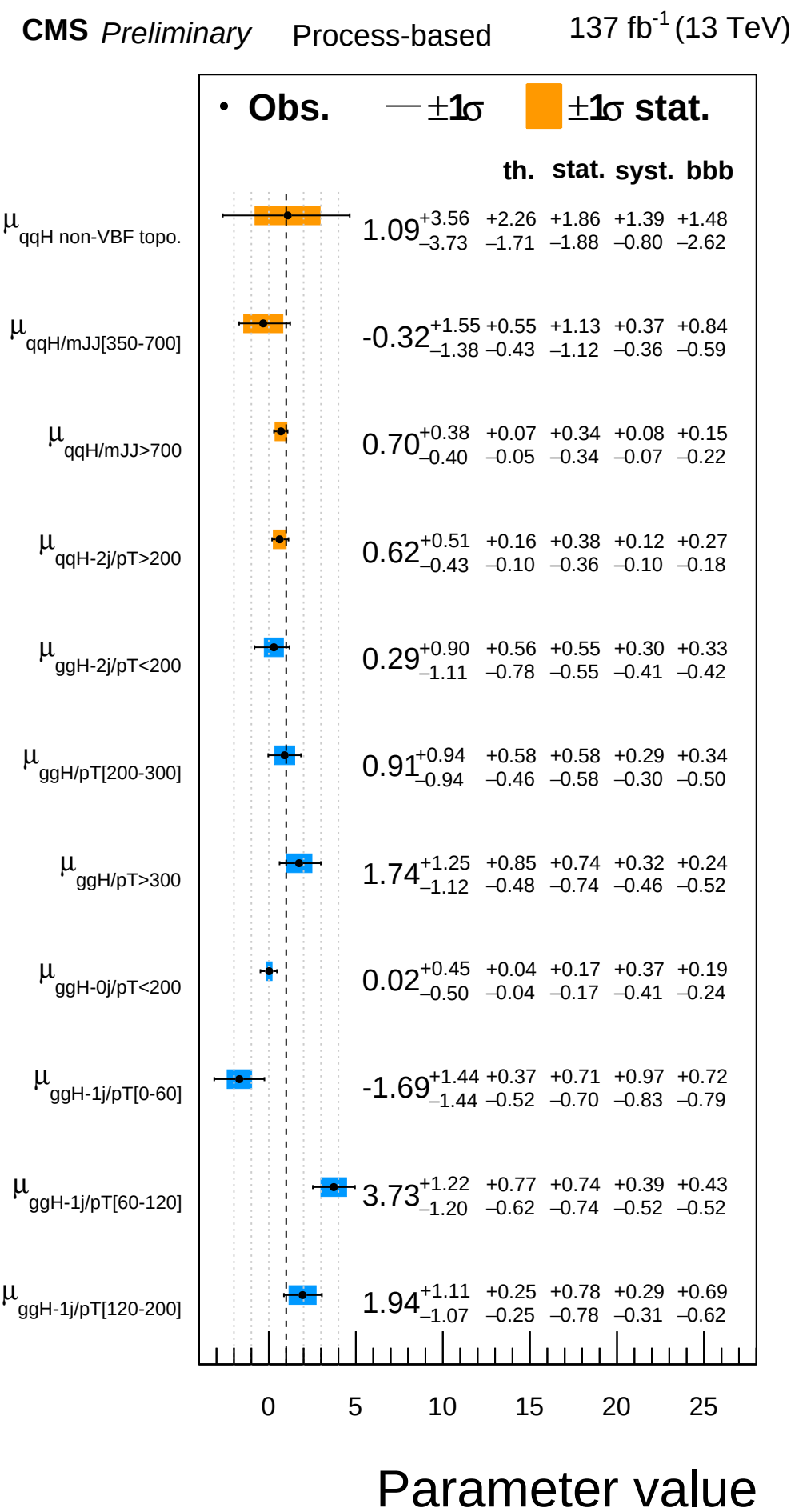
CMS Preliminary
Process-based
137 fb-1 (13 TeV)
Obs.
±1σ
±1σ stat.
th. stat. syst. bbb
μqqH non-VBF topo. 1.09 +3.56 −3.73 +2.26 −1.71 +1.86 −1.88 +1.39 −0.80 +1.48 −2.62
μqqH/mJJ[350-700] -0.32 +1.55 −1.38 +0.55 −0.43 +1.13 −1.12 +0.37 −0.36 +0.84 −0.59
μqqH/mJJ>700 0.70 +0.38 −0.40 +0.07 −0.05 +0.34 −0.34 +0.08 −0.07 +0.15 −0.22
μqqH-2j/pT>200 0.62 +0.51 −0.43 +0.16 −0.10 +0.38 −0.36 +0.12 −0.10 +0.27 −0.18
μggH-2j/pT<200 0.29 +0.90 −1.11 +0.56 −0.78 +0.55 −0.55 +0.30 −0.41 +0.33 −0.42
μggH/pT[200-300] 0.91 +0.94 −0.94 +0.58 −0.46 +0.58 −0.58 +0.29 −0.30 +0.34 −0.50
μggH/pT>300 1.74 +1.25 −1.12 +0.85 −0.48 +0.74 −0.74 +0.32 −0.46 +0.24 −0.52
μggH-0j/pT<200 0.02 +0.45 −0.50 +0.04 −0.04 +0.17 −0.17 +0.37 −0.41 +0.19 −0.24
μggH-1j/pT[0-60] -1.69 +1.44 −1.44 +0.37 −0.52 +0.71 −0.70 +0.97 −0.83 +0.72 −0.79
μggH-1j/pT[60-120] 3.73 +1.22 −1.20 +0.77 −0.62 +0.74 −0.74 +0.39 −0.52 +0.43 −0.52
μggH-1j/pT[120-200] 1.94 +1.11 −1.07 +0.25 −0.25 +0.78 −0.78 +0.29 −0.31 +0.69 −0.62
0
5
10
15
20
25
Parameter value