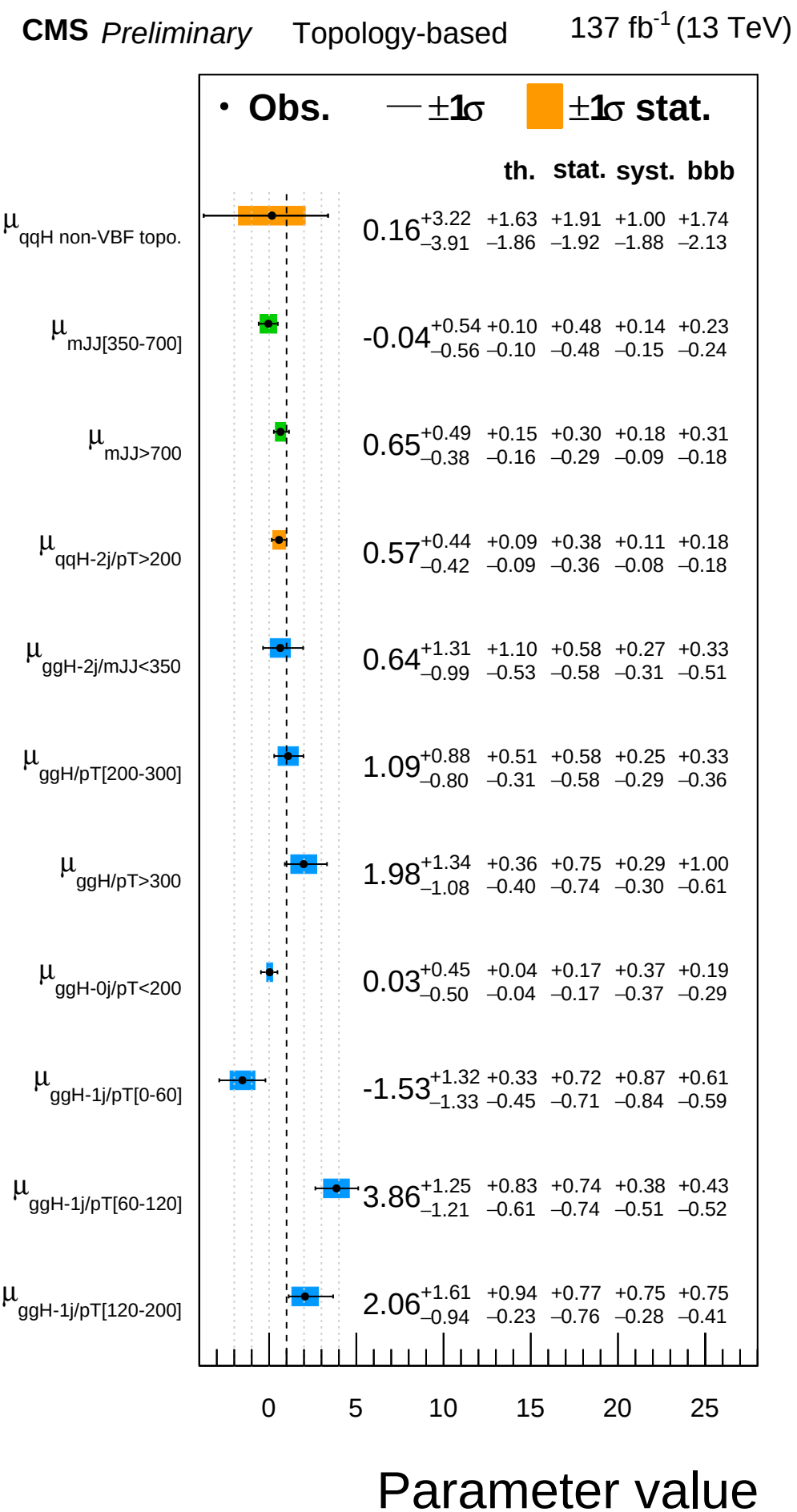
CMS Preliminary
Topology-based
137 fb-1 (13 TeV)
Obs.
±1σ
±1σ stat.
th. stat. syst. bbb
μqqH non-VBF topo. 0.16 +3.22 −3.91 +1.63 −1.86 +1.91 −1.92 +1.00 −1.88 +1.74 −2.13
μmJJ[350-700] -0.04 +0.54 −0.56 +0.10 −0.10 +0.48 −0.48 +0.14 −0.15 +0.23 −0.24
μmJJ>700 0.65 +0.49 −0.38 +0.15 −0.16 +0.30 −0.29 +0.18 −0.09 +0.31 −0.18
μqqH-2j/pT>200 0.57 +0.44 −0.42 +0.09 −0.09 +0.38 −0.36 +0.11 −0.08 +0.18 −0.18
μggH-2j/mJJ<350 0.64 +1.31 −0.99 +1.10 −0.53 +0.58 −0.58 +0.27 −0.31 +0.33 −0.51
μggH/pT[200-300] 1.09 +0.88 −0.80 +0.51 −0.31 +0.58 −0.58 +0.25 −0.29 +0.33 −0.36
μggH/pT>300 1.98 +1.34 −1.08 +0.36 −0.40 +0.75 −0.74 +0.29 −0.30 +1.00 −0.61
μggH-0j/pT<200 0.03 +0.45 −0.50 +0.04 −0.04 +0.17 −0.17 +0.37 −0.37 +0.19 −0.29
μggH-1j/pT[0-60] -1.53 +1.32 −1.33 +0.33 −0.45 +0.72 −0.71 +0.87 −0.84 +0.61 −0.59
μggH-1j/pT[60-120] 3.86 +1.25 −1.21 +0.83 −0.61 +0.74 −0.74 +0.38 −0.51 +0.43 −0.52
μggH-1j/pT[120-200] 2.06 +1.61 −0.94 +0.94 −0.23 +0.77 −0.76 +0.75 −0.28 +0.75 −0.41
0
5
10
15
20
25
Parameter value