95% CL Sensitivity to C_{Hq3} (Freeze Other WCs) 138 fb $^{-1}$ (13 TeV) CMS Preliminary Proj. (stat. \bigoplus syst.) Asimov Dataset stat. only Variable of choice total stat. $\begin{array}{ccc} +0.211 & +0.168 \\ -0.243 & -0.201 \end{array}$ 0.000 combined – 0 Lepton $\begin{array}{rrr}
+0.272 & +0.211 \\
-0.292 & -0.235
\end{array}$ 0.000 H_{T} (2 fat jets) 2 Leptons $\begin{array}{rrr}
+0.376 & +0.350 \\
-0.444 & -0.426
\end{array}$ 0.000 S_{T} (same signed) 2 Leptons $+0.398 +0.328 \\ -0.451 -0.391$ 0.000ST(opposite signed) 0 Lepton $+0.416 +0.305 \\ -0.440 -0.331$ 0.000 $H_{T,Fat-Jet}$ (3 fat jets) 1 Lepton $+0.480 +0.349 \\ -0.511 -0.394$ 0.000 $M_{JJl\nu}$ (2 fat jets) 1 Lepton $+0.553 +0.542 \\ -0.602 -0.595$ s_T (+BDT score) 0.000(1FJ, 1 tau) 2 Leptons $+0.716 +0.668 \\ -0.781 -0.743$ 0.000ST,MET (opposite signed, 2FJ) 2 Leptons $0.000 \ \, ^{+1.163}_{-1.260} \ \, ^{+1.104}_{-1.208}$ s_T (+BDT score) (0FJ, 1 tau) 0 Lepton $+2.936 +2.787 \\ -3.042 -2.915$ s_T (+BDT score) 0.000(2FJ, 1 tau) $\overline{-2}$ -32 3 -1

Sensitivity to $C_{Hq3}/\Lambda^2~{
m [TeV]}^{-2}$