95% CL Sensitivity to C_{HB} (Freeze Other WCs) CMS Preliminary 138 fb $^{-1}$ (13 TeV) Proj. (stat. ⊕ syst.) Asimov Dataset Variable of choice total stat. $+12.578 +9.735 \\ -12.574 -9.709$ combined 0.0050 Lepton $-0.002 \,\, {}^{+16.588}_{-16.569} \,\, {}^{+12.324}_{-12.309}$ $H_{T,Fat-Jet}$ (3 fat jets) 0 Lepton $0.005 \ \ ^{+19.108}_{-19.111} \ \ ^{+14.765}_{-14.757}$ H_{T} (2 fat jets) 2 Leptons $+21.755 +20.111 \\ -21.741 -20.092$ 0.000 $|\bullet|$ $S_{T,MET}$ (opposite signed, 2FJ) 2 Leptons $+23.756 +19.403 \\ -23.747 -19.412$ 0.001ST(opposite signed) 1 Lepton $+24.524 +16.274 \\ -24.475 -16.224$ + $\mathrm{M_{JJl}_{
u}}$ 0.000(2 fat jets) 1 Lepton $+37.658 +36.479 \\ -37.654 -36.490$ $\mathrm{s_{T}}$ (+BDT score) 0.006 +(1FJ, 1 tau) 2 Leptons +45.745 +41.459-45.635 -41.3420.000ST(same signed) 2 Leptons +135.632 +118.038-135.360 -117.721 s_T (+BDT score) 0.000(0FJ, 1 tau) 0 Lepton $+821.005 +496.485 \ -815.731 -492.076$ s_{T} (+BDT score) 0.000 (2FJ, 1 tau) -750-500-250500 750 250 Sensitivity to C_{HB}/Λ^2 [TeV]⁻²