CMS Work in Progress $41.5 \text{ fb}^{-1} (13 \text{ TeV})$ VH, SR 10^{6} $W(\rightarrow \ell \nu) + jets$ γ + jets ttH **VBF** Multiboson Drell-Yan ggF EWK V + 2 jets QCD multijet VΗ $t\bar{t}$ + jets $t\bar{t}X + jets$ 10^{5} $Z(\rightarrow \nu\nu)$ + jets Single Top 10^{4} Number of Events / 0.1 10³ 10^{2} 10^1 10⁰ 10^{-1} 0.2 0.0 0.4 0.6 8.0 1.0 1.2 1.4 1.6 $\tilde{\omega}_{\mathsf{min}}$ (rad)