CMS Work in Progress $41.5 \text{ fb}^{-1} (13 \text{ TeV})$ ttH, SR 10^{6} $t\bar{t} + jets$ **VBF** EWK V + 2 jets $Z(\rightarrow \nu\nu) + jets$ Multiboson γ + jets ggF $W(\rightarrow \ell \nu) + jets$ ttH Drell-Yan Single Top 10⁵ QCD multijet $t\bar{t}X + jets$ 10^{4} Number of Events / 0.1 10³ 10² 10¹ 10⁰ 10^{-1} 0.6 0.8 0.0 0.2 0.4 1.0 1.2 1.4 1.6 $\tilde{\omega}_{\mathsf{min}}$ (rad)