

Trigger Efficiency

CMS*Simulation Preliminary* $HH \rightarrow 2b2\tau_{\text{had}}$ with $\kappa_\lambda = 1$ — HH or $\tau_{\text{had}}, E_T^{\text{miss}}$ -triggers: $\varepsilon(HH \rightarrow 2b2\tau) = 58\%$ — HH trigger: $\varepsilon(HH \rightarrow 2b2\tau) = 43\%$ — τ_{had} -triggers: $\varepsilon(HH \rightarrow 2b2\tau) = 34\%$ — E_T^{miss} -trigger: $\varepsilon(HH \rightarrow 2b2\tau) = 3\%$ 