

CMS Phase-2

3000 fb^{-1} (14 TeV)

Simulation Preliminary

$\text{pp} \rightarrow \text{HH} \rightarrow \text{b}\bar{\text{b}}\gamma\gamma$

SM ggHH

ggHH CAT 4

Signal Simulation

Signal model

$\mu = 125.0 \text{ GeV}$

$\sigma_{\text{Eff}} = 3.1 \text{ GeV}$

