

95% CL $\sigma_{\text{ggF} + \text{VBF}} \text{ HH Limit [fb]}$

ATLAS Internal

$\sqrt{s} = 13 \text{ TeV}, 126 \text{ fb}^{-1}$

Combined ggF and VBF Regions

--- Expected Limit (95% CL)

Expected Limit $\pm 1\sigma$

Expected Limit $\pm 2\sigma$

— Theory Prediction

☆ SM Prediction

Expected: $\kappa_{2V} \in [0.04, 2.04]$

$\kappa_{2V} (\kappa_\lambda=1.0, \kappa_V=1.0)$

