

95% CL  $\sigma_{\text{ggF} + \text{VBF HH}}$  Limit [fb]**ATLAS Internal** $\sqrt{s} = 13 \text{ TeV}, 126 \text{ fb}^{-1}$ 

Combined ggF and VBF Regions

— Observed Limit (95% CL)

--- Expected Limit (95% CL)

Expected Limit  $\pm 1\sigma$ Expected Limit  $\pm 2\sigma$ 

— Theory Prediction

☆ SM Prediction

Observed:  $\kappa_{2V} \in [0.03, 2.04]$ Expected:  $\kappa_{2V} \in [0.00, 2.07]$  $\kappa_{2V} (\kappa_\lambda=1.0, \kappa_V=1.0)$ 