

CMS $137 \text{ fb}^{-1} (13 \text{ TeV})$ $\times 10^3$ $H \rightarrow \gamma\gamma, m_H = 125.38 \text{ GeV}$ All ggH categories
S/(S+B) weighted

• Data

— S+B fit

- - - B component

■ $\pm 1 \sigma$ ■ $\pm 2 \sigma$

S/(S+B) weighted events / GeV

