

$-2\ln\Delta$

ATLAS

$H \rightarrow ZZ^* \rightarrow 4l$

$\sqrt{s} = 7 \text{ TeV} \quad \int \mathcal{L} dt = 4.5 \text{ fb}^{-1}$

$\sqrt{s} = 8 \text{ TeV} \quad \int \mathcal{L} dt = 20.3 \text{ fb}^{-1}$

$\mu_{\text{VBF+VH}} / \mu_{\text{ggF+b}\bar{\text{b}}\text{H+t}\bar{\text{t}}\text{H}} = 0.2^{+1.2}_{-0.5}$

$m_H = 125.36 \text{ GeV}$

