

ATLAS Preliminary

$\sqrt{s} = 7 \text{ TeV}, 4.5 - 4.7 \text{ fb}^{-1}$

$\sqrt{s} = 8 \text{ TeV}, 20.3 \text{ fb}^{-1}$

68% CL:



95% CL:



$K_V < 1$

$K_{on} = K_{off}$

$BR_{i,u} = 0$

(95% CL) $K_V > 0.93$

$$K_V = 1.13^{+0.23}_{-0.07}$$

$$K_V = 1.09 \pm 0.07$$

$K_F = 1.05 \pm 0.16$

$$K_F = 1.17^{+0.25}_{-0.16}$$

$$K_F = 1.11 \pm 0.16$$

(95% CL) $BR_{i,u} < 0.13$

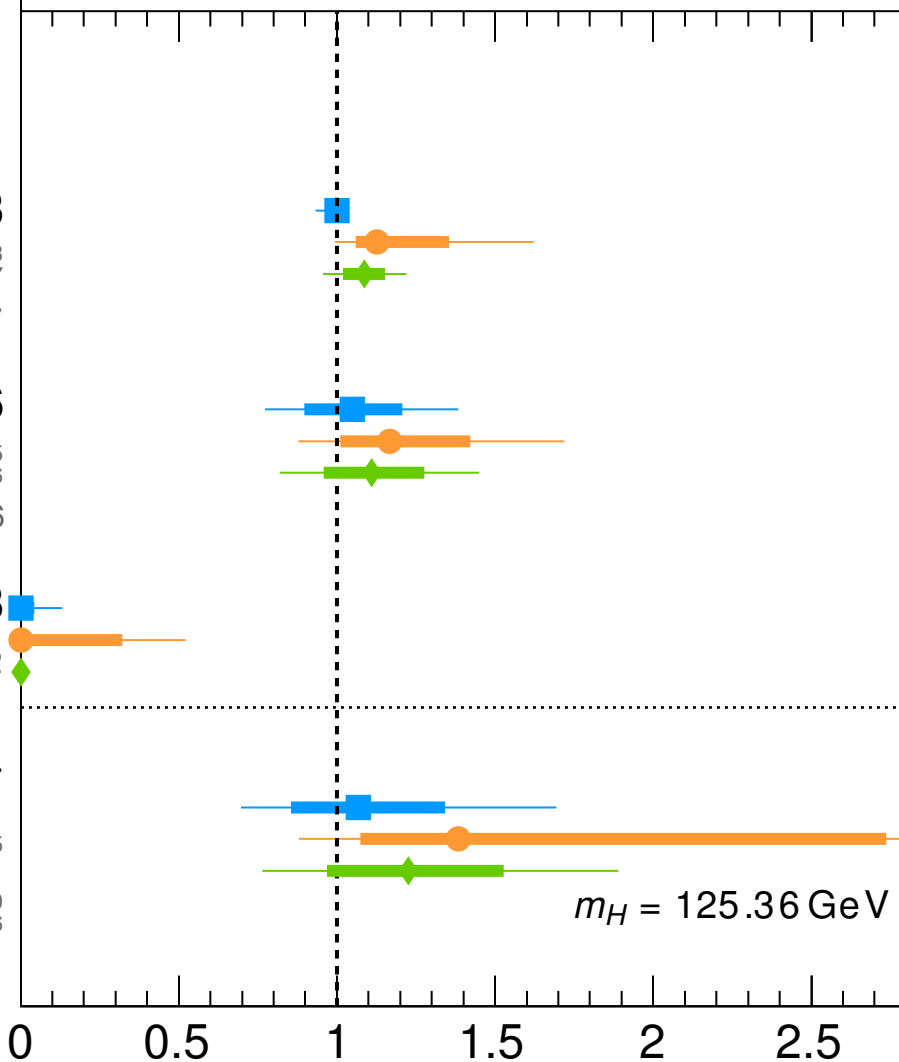
(95% CL) $BR_{i,u} < 0.52$

$$\frac{\Gamma_H}{\Gamma_H^{SM}} = 1.07^{+0.27}_{-0.21}$$

$$\frac{\Gamma_H}{\Gamma_H^{SM}} = 1.38^{+1.35}_{-0.31}$$

$$\frac{\Gamma_H}{\Gamma_H^{SM}} = 1.23^{+0.30}_{-0.26}$$

$m_H = 125.36 \text{ GeV}$



Parameter value