

**ATLAS** Internal

BR( $t \rightarrow H u$ ) = 0

$\sqrt{s} = 13 \text{ TeV}, 36.1 \text{ fb}^{-1}$

— Total

— Stat.

**tot (stat syst)**

$H \rightarrow b\bar{b}$

**-0.02**  $^{+0.23}_{-0.24}$  (  $^{+0.07}_{-0.07}$   $^{+0.22}_{-0.23}$  )

$H \rightarrow \tau\tau$  ( $\tau_{\text{lep}}\tau_{\text{had}}, \tau_{\text{had}}\tau_{\text{had}}$ )

**-0.04**  $^{+0.10}_{-0.09}$  (  $^{+0.08}_{-0.07}$   $^{+0.06}_{-0.05}$  )

$H \rightarrow WW^*, \tau\tau, ZZ^* (2\ell SS, 3\ell)$

**-0.01**  $^{+0.08}_{-0.08}$  (  $^{+0.06}_{-0.06}$   $^{+0.05}_{-0.05}$  )

$H \rightarrow \gamma\gamma$

**0.07**  $^{+0.07}_{-0.05}$  (  $^{+0.07}_{-0.05}$   $^{+0.03}_{-0.02}$  )

Combined

**0.03**  $^{+0.04}_{-0.03}$  (  $^{+0.03}_{-0.03}$   $^{+0.03}_{-0.02}$  )

SM

-0.2 0 0.2 0.4 0.6 0.8 1

BR( $t \rightarrow H c$ ) [%]