

**ATLAS**

$\sqrt{s} = 13 \text{ TeV}, 36.1 - 79.8 \text{ fb}^{-1}$

—●— Total



Stat.



Syst.



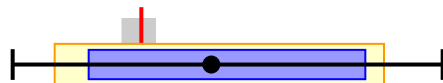
SM

Total

Stat.

Syst.

$t\bar{t}H (H \rightarrow \tau\tau)$



$1.36 \pm 1.19_{1.02} \left( \pm 0.89_{0.81}, \pm 0.79_{0.63} \right)$

$t\bar{t}H (H \rightarrow b\bar{b})$



$0.83 \pm 0.61 \left( \pm 0.30, \pm 0.54_{0.53} \right)$

$t\bar{t}H (H \rightarrow VV)$



$1.50 \pm 0.63_{0.59} \left( \pm 0.45_{0.44}, \pm 0.44_{0.40} \right)$

$t\bar{t}H (H \rightarrow \gamma\gamma)$



$1.41 \pm 0.48_{0.42} \left( \pm 0.42_{0.39}, \pm 0.23_{0.17} \right)$

Combined



$1.32 \pm 0.28_{0.26} \left( \pm 0.18, \pm 0.21_{0.19} \right)$

$\sigma_{t\bar{t}H} / \sigma_{t\bar{t}H}^{\text{SM}}$