

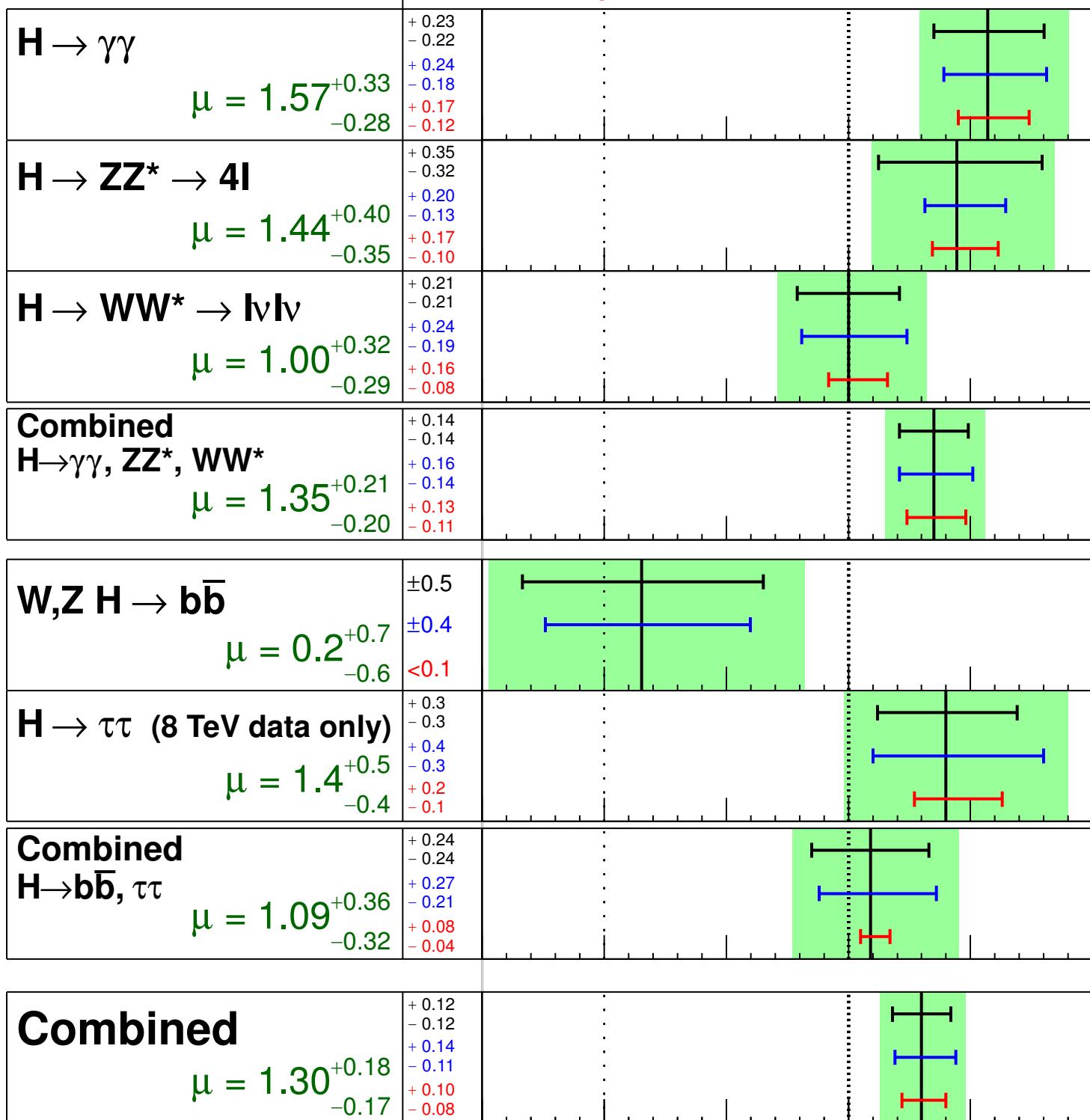
ATLAS Prelim.

$m_H = 125.5 \text{ GeV}$

— $\sigma(\text{stat.})$
— $\sigma(\text{theory})$
— $\sigma(\text{sys inc.})$

Total uncertainty

■ $\pm 1\sigma$ on μ



$\sqrt{s} = 7 \text{ TeV} \int L dt = 4.6\text{-}4.8 \text{ fb}^{-1}$

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

-0.5 0 0.5 1 1.5 2
Signal strength (μ)