ATLAS

$\sqrt{s}$ = 13 TeV, 139 fb^{-1}

$H \rightarrow WW^* \rightarrow e\nu\mu\nu$

p-value = 53%

	Total	(Stat. Syst.)	SM Unc.
ggH-$0j$, $p_T^H < 200$ GeV	1.21 $^{+0.16}_{-0.16}$	($^{+0.08}_{-0.08}$, $^{+0.14}_{-0.13}$)	± 0.07
ggH-$1j$, $p_T^H < 60$ GeV	0.82 $^{+0.57}_{-0.59}$	($^{+0.30}_{-0.30}$, $^{+0.49}_{-0.51}$)	± 0.14
ggH-$1j$, $60 \le p_T^H < 120$ GeV	0.58 $^{+0.48}_{-0.48}$	($^{+0.32}_{-0.32}$, $^{+0.36}_{-0.36}$)	± 0.15
ggH-$1j$, $120 \le p_T^H < 200$ GeV	1.46 $^{+0.80}_{-0.77}$	($^{+0.63}_{-0.62}$, $^{+0.49}_{-0.47}$)	± 0.19
ggH-$2j$, $p_T^H < 200$ GeV	1.59 $^{+0.89}_{-0.87}$	($^{+0.44}_{-0.44}$, $^{+0.78}_{-0.76}$)	± 0.22
ggH, $p_T^H \ge 200$ GeV	2.11 $^{+0.87}_{-0.83}$	($^{+0.68}_{-0.66}$, $^{+0.55}_{-0.51}$)	± 0.26
EW qqH-$2j$, $350 \le m_{jj} < 700$ GeV, $p_T^H < 200$ GeV	0.05 $^{+0.57}_{-0.57}$	($^{+0.42}_{-0.38}$, $^{+0.39}_{-0.41}$)	± 0.07
EW qqH-$2j$, $700 \le m_{jj} < 1000$ GeV, $p_T^H < 200$ GeV	0.56 $^{+0.63}_{-0.58}$	($^{+0.53}_{-0.48}$, $^{+0.35}_{-0.34}$)	± 0.07
EW qqH-$2j$, $1000 \le m_{jj} < 1500$ GeV, $p_T^H < 200$ GeV	1.18 $^{+0.52}_{-0.45}$	($^{+0.45}_{-0.41}$, $^{+0.25}_{-0.19}$)	± 0.07
EW qqH-$2j$, $m_{jj} \ge 1500$ GeV, $p_T^H < 200$ GeV	1.14 $^{+0.40}_{-0.36}$	($^{+0.37}_{-0.34}$, $^{+0.15}_{-0.14}$)	± 0.08
EW qqH-$2j$, $m_{jj} \ge 350$ GeV, $p_T^H \ge 200$ GeV	1.17 $^{+0.49}_{-0.44}$	($^{+0.45}_{-0.40}$, $^{+0.20}_{-0.17}$)	± 0.05

Legend: ●—● Total; Statistical Unc.; Systematic Unc.; SM Prediction

$\sigma \cdot B_{H \rightarrow WW^*} / (\sigma \cdot B_{H \rightarrow WW^*})_{SM}$