Analysis	Signal		$\int \mathcal{L}dt$ (fb^{-1})	
Categorisation or final states	Strength	Significance [σ]	7 TeV	8 TeV
$H \to \gamma\gamma$ [12]	1.17 ± 0.27	5.2 (4.6)	4.5	20.3
ttH: leptonic, hadronic			✓	✓
VH: one-lepton, dilepton, $E_{\mathrm{T}}^{\mathrm{miss}}$, hadronic			✓	✓
VBF: tight, loose			✓	✓
ggF: 4 p_{Tt} categories			✓	✓
$H \to ZZ^* \to 4\ell$ [13]	$1.44^{+0.40}_{-0.33}$	8.1 (6.2)	4.5	20.3
VBF			✓	✓
VH: hadronic, leptonic			✓	✓
ggF			✓	✓
$H \to WW^*$ [14,15]	$1.16^{+0.24}_{-0.21}$	6.5 (5.9)	4.5	20.3
ggF: (0-jet, 1-jet) $\otimes$ $(ee + \mu\mu,\ e\mu)$			✓	✓
ggF: $\geq$ 2-jet and $e\mu$				✓
VBF: $\geq$ 2-jet $\otimes$ $(ee + \mu\mu,\ e\mu)$			✓	✓
VH: opposite-charge dilepton, three-lepton, four-lepton			✓	✓
VH: same-charge dilepton				✓
$H \to \tau\tau$ [17]	$1.43^{+0.43}_{-0.37}$	4.5 (3.4)	4.5	20.3
Boosted: $\tau_{\mathrm{lep}}\tau_{\mathrm{lep}}, \tau_{\mathrm{lep}}\tau_{\mathrm{had}}, \tau_{\mathrm{had}}\tau_{\mathrm{had}}$			✓	✓
VBF: $\tau_{\mathrm{lep}}\tau_{\mathrm{lep}}, \tau_{\mathrm{lep}}\tau_{\mathrm{had}}, \tau_{\mathrm{had}}\tau_{\mathrm{had}}$			✓	✓
$VH \to Vb\bar{b}$ [18]	0.52 ± 0.40	1.4 (2.6)	4.7	20.3
0ℓ ($ZH \to \nu\nu bb$): $N_{\mathrm{jet}} = 2, 3$, $N_{\mathrm{btag}} = 1, 2$, $p_{\mathrm{T}}^{V} >$ and < 120 GeV			✓	✓
1ℓ ($WH \to \ell\nu bb$): $N_{\mathrm{jet}} = 2, 3$, $N_{\mathrm{btag}} = 1, 2$, $p_{\mathrm{T}}^{V} >$ and < 120 GeV			✓	✓
2ℓ ($ZH \to \ell\ell bb$): $N_{\mathrm{jet}} = 2, 3$, $N_{\mathrm{btag}} = 1, 2$, $p_{\mathrm{T}}^{V} >$ and < 120 GeV			✓	✓
		95% CL limit		
$H \to Z\gamma$ [19]		$\mu < 11$ (9)	4.5	20.3
10 categories based on $\Delta\eta_{Z\gamma}$ and p_{Tt}			✓	✓
$H \to \mu\mu$ [20]		$\mu < 7.0$ (7.2)	4.5	20.3
VBF and 6 other categories based on η_μ and $p_{\mathrm{T}}^{\mu\mu}$			✓	✓
ttH production [21,22,23]			4.5	20.3
$H \to b\bar{b}$: single-lepton, dilepton		$\mu < 3.4$ (2.2)		✓
$ttH \to$multileptons: categories on lepton multiplicity		$\mu < 4.7$ (2.4)		✓
$H \to \gamma\gamma$: leptonic, hadronic		$\mu < 6.7$ (4.9)	✓	✓
Off-shell H^* production [24]		$\mu < 5.1 - 8.6$ $(6.7 - 11.0)$		20.3
$H^* \to ZZ \to 4\ell$				✓
$H^* \to ZZ \to 2\ell 2\nu$				✓
$H^* \to WW \to e\nu\mu\nu$				✓