

Term	Channel	2016	2017	2018	Run 2	Signal region
y_t^2	$e\mu (H \rightarrow WW \rightarrow \ell\nu\ell\nu)$	9.59%	10.85%	10.85%	10.52%	6.48%
	$e\mu (H \rightarrow \tau\tau)$	3.19%	3.48%	3.54%	3.43%	1.83%
	$e\tau_h (H \rightarrow \tau\tau)$	1.03%	0.74%	0.86%	0.87%	0.58%
	$\mu\tau_h (H \rightarrow \tau\tau)$	2.77%	2.26%	2.37%	2.44%	1.63%
	$\tau_h\tau_h (H \rightarrow \tau\tau)$	0.64%	0.6%	0.63%	0.62%	0.51%
y_b^2	$e\mu (H \rightarrow WW \rightarrow \ell\nu\ell\nu)$	5.26%	6.26%	7.35%	6.47%	4.83%
	$e\mu (H \rightarrow \tau\tau)$	1.9%	2.17%	2.36%	2.18%	1.28%
	$e\tau_h (H \rightarrow \tau\tau)$	0.39%	0.27%	0.35%	0.34%	0.25%
	$\mu\tau_h (H \rightarrow \tau\tau)$	1.13%	0.94%	0.9%	0.97%	0.7%
	$\tau_h\tau_h (H \rightarrow \tau\tau)$	0.21%	0.13%	0.21%	0.19%	0.15%
$y_b y_t$	$e\mu (H \rightarrow WW \rightarrow \ell\nu\ell\nu)$	7.14%	8.29%	8.99%	8.29%	6.61%
	$e\mu (H \rightarrow \tau\tau)$	2.27%	2.46%	2.69%	2.51%	1.51%
	$e\tau_h (H \rightarrow \tau\tau)$	0.53%	0.33%	0.41%	0.42%	0.33%
	$\mu\tau_h (H \rightarrow \tau\tau)$	1.41%	1.2%	1.22%	1.26%	0.96%
	$\tau_h\tau_h (H \rightarrow \tau\tau)$	0.3%	0.27%	0.29%	0.28%	0.24%