Analysis categories	Total	Target STXS bin(s)	ggH	VBF	VH had	VH lep	Top	σ_{eff} (GeV)	S/(S+B)
ggH VBF-like Tag0	14.1	37.7%	65.9%	27.3%	3.8%	0.8%	2.3%	1.85	0.14
ggH VBF-like Tag1	32.5	30.2%	61.3%	29.8%	4.1%	1.1%	3.7%	1.83	0.10
qqH low m_{jj} low $p_{\text{T}}^{\text{Hjj}}$ Tag0	17.2	48.2%	36.6%	62.6%	0.4%	0.1%	0.3%	1.89	0.20
qqH low m_{jj} low $p_{\text{T}}^{\text{Hjj}}$ Tag1	13.5	48.5%	35.5%	63.4%	0.6%	0.1%	0.3%	1.74	0.19
qqH high m_{jj} low $p_{\text{T}}^{\text{Hjj}}$ Tag0	27.0	70.4%	17.1%	82.7%	0.2%	—	0.1%	1.78	0.49
qqH high m_{jj} low $p_{\text{T}}^{\text{Hjj}}$ Tag1	12.9	58.2%	20.8%	78.7%	0.3%	0.1%	0.2%	1.99	0.27
qqH low m_{jj} high $p_{\text{T}}^{\text{Hjj}}$ Tag0	10.4	15.0%	56.0%	41.3%	1.3%	0.4%	1.0%	1.92	0.12
qqH low m_{jj} high $p_{\text{T}}^{\text{Hjj}}$ Tag1	20.2	17.0%	57.9%	36.9%	2.4%	0.7%	2.1%	1.74	0.08
qqH high m_{jj} high $p_{\text{T}}^{\text{Hjj}}$ Tag0	18.1	25.6%	28.1%	70.8%	0.4%	0.1%	0.5%	1.88	0.29
qqH high m_{jj} high $p_{\text{T}}^{\text{Hjj}}$ Tag1	17.5	23.8%	39.5%	57.8%	0.9%	0.3%	1.5%	1.98	0.13
qqH BSM Tag0	11.2	71.2%	24.4%	74.8%	0.1%	0.1%	0.6%	1.62	0.56
qqH BSM Tag1	6.8	56.4%	36.9%	59.9%	1.1%	0.4%	1.7%	1.67	0.39
qqH VH-like Tag0	16.3	55.8%	36.5%	2.8%	55.0%	1.4%	4.2%	1.72	0.25
qqH VH-like Tag1	47.1	26.8%	64.9%	4.7%	26.4%	1.2%	2.9%	1.66	0.13

SM 125 GeV Higgs boson expected signal

Fraction of total events