Analysis categories	Total Yield	Target Fraction	Production Mode Fractions					σ_{eff} (GeV)	S/S+B
			ggH	VBF	VH had	VH lep	Top		
ggH VBF-like Tag0	7.6	45.0%	69.3%	26.2%	2.8%	0.2%	1.5%	2.88	0.05
ggH VBF-like Tag1	14.2	32.1%	61.0%	35.8%	1.3%	0.1%	1.7%	2.69	0.03
qqH low m_{jj} low $p_{\text{T}}^{\text{Hjj}}$ Tag0	19.4	48.7%	37.0%	62.9%	0.1%	-	-	1.72	0.24
qqH low m_{jj} low $p_{\text{T}}^{\text{Hjj}}$ Tag1	13.1	42.3%	41.0%	58.8%	0.2%	-	-	1.84	0.15
qqH high m_{jj} low $p_{\text{T}}^{\text{Hjj}}$ Tag0	32.0	66.7%	17.6%	82.4%	-	-	-	1.82	0.41
qqH high m_{jj} low $p_{\text{T}}^{\text{Hjj}}$ Tag1	10.6	60.7%	21.8%	78.2%	-	-	-	2.31	0.11
qqH low m_{jj} high $p_{\text{T}}^{\text{Hjj}}$ Tag0	20.8	17.1%	57.3%	40.0%	0.9%	-	0.9%	1.64	0.16
qqH low m_{jj} high $p_{\text{T}}^{\text{Hjj}}$ Tag1	50.3	12.9%	68.2%	25.6%	3.0%	0.2%	3.0%	2.09	0.04
qqH high m_{jj} high $p_{\text{T}}^{\text{Hjj}}$ Tag0	15.5	24.6%	27.5%	72.5%	-	-	-	1.86	0.27
qqH high m_{jj} high $p_{\text{T}}^{\text{Hjj}}$ Tag1	24.1	20.8%	47.3%	50.4%	0.6%	-	1.7%	1.83	0.14
qqH BSM Tag0	22.7	63.0%	32.9%	65.8%	0.4%	-	0.9%	1.68	0.46
qqH BSM Tag1	14.4	31.2%	61.1%	28.3%	5.2%	0.2%	5.1%	1.49	0.25
qqH VH-like Tag0	13.2	61.5%	34.1%	2.6%	60.1%	-	3.3%	1.73	0.28
qqH VH-like Tag1	42.5	35.9%	58.8%	3.4%	35.1%	0.2%	2.5%	1.72	0.10

SM 125 GeV Higgs boson expected signal