

## Event Category

	Untagged	VBF-1j	VBF-2j	VH-lept.	VH-hadr.	ttH-lept.	ttH-hadr.	Inclusive
$q\bar{q} \rightarrow ZZ$	22.72	1.91	0.13	0.23	0.19	0.00	0.01	25.19
$gg \rightarrow ZZ$	1.93	0.30	0.03	0.04	0.02	0.00	0.00	2.32
Z + X	9.60	0.80	0.56	0.17	0.56	0.04	0.15	11.87
Sum of backgrounds	34.25	3.00	0.72	0.44	0.77	0.04	0.16	39.38
Uncertainties	+2.79 -2.91	+0.30 -0.29	+0.14 -0.13	+0.04 -0.05	+0.12 -0.12	+0.01 -0.01	+0.10 -0.03	+3.29 -3.39
ggH	46.94	9.90	1.74	0.06	1.29	< 0.01	0.04	59.96
qq $\rightarrow$ qqH	1.68	1.57	1.89	0.01	0.08	< 0.01	0.01	5.24
WH-lep	0.18	0.02	0.01	0.28	0.01	0.01	< 0.01	0.50
WH-had	0.48	0.16	0.05	0.00	0.32	< 0.01	0.01	1.02
ZH-lep	0.29	0.02	0.01	0.07	0.03	< 0.01	< 0.01	0.43
ZH-had	0.32	0.10	0.03	0.00	0.23	< 0.01	0.01	0.69
t $\bar{t}$ H	0.11	< 0.01	0.02	0.03	0.04	0.18	0.25	0.65
b $\bar{b}$ H	0.48	0.10	0.02	0.01	0.02	< 0.01	< 0.01	0.63
tqH	0.03	< 0.01	0.02	0.01	0.01	0.01	0.01	0.09
Signal	50.51	11.87	3.79	0.47	2.03	0.20	0.33	69.21
Uncertainties	+4.68 -4.74	+1.41 -1.45	+0.68 -0.59	+0.04 -0.04	+0.28 -0.25	+0.03 -0.02	+0.05 -0.04	+6.13 -6.21
Total expected	84.76	14.87	4.51	0.91	2.80	0.24	0.49	108.58
Uncertainties	+6.52 -6.71	+1.59 -1.63	+0.74 -0.64	+0.07 -0.07	+0.32 -0.29	+0.03 -0.03	+0.11 -0.05	+8.21 -8.42
Observed	103	14	5	2	2	0	0	126