

m_{jj} bin range (GeV)	900–1200	1200–1500	1500–2000	2000–2750	>2750
Z($\nu\nu$) + jets (strong)	632.3 ± 11.5	272.2 ± 7.7	174.0 ± 5.1	62.7 ± 2.8	24.5 ± 1.5
Z($\nu\nu$) + jets (VBF)	74.0 ± 3.1	57.9 ± 3.6	56.7 ± 3.9	34.9 ± 3.1	22.4 ± 1.9
W($\ell\nu$) + jets (strong)	601.8 ± 16.1	272.3 ± 10.8	187.2 ± 8.7	91.2 ± 7.6	32.6 ± 3.4
W($\ell\nu$) + jets (VBF)	66.5 ± 5.5	56.0 ± 5.2	49.5 ± 4.6	29.4 ± 3.4	24.9 ± 2.6
$t\bar{t}$ + single t quark	19.3 ± 1.3	13.0 ± 0.8	4.4 ± 0.4	5.7 ± 0.5	1.4 ± 0.2
Diboson	9.3 ± 1.1	5.8 ± 0.8	2.9 ± 0.4	0.2 ± 0.1	0.0 ± 0.1
Z/ $\gamma^*(\ell^+\ell^-)$ + jets	22.6 ± 0.9	9.0 ± 0.4	5.4 ± 0.3	3.3 ± 0.2	1.0 ± 0.1
Multijet	0.1 ± 0.1	0.0 ± 0.1	0.1 ± 0.1	0.0 ± 0.1	0.0 ± 0.1
HF noise	18.5 ± 2.5	22.4 ± 3.0	13.3 ± 1.8	30.7 ± 4.2	17.3 ± 2.3
ggH(\rightarrow inv)	41.4	20.7	15.4	6.9	3.2
qqH(\rightarrow inv)	147.1	110.6	128.5	90.2	66.6
WH(\rightarrow inv)	0.5	0.1	0.3	0.1	0.0
qqZH(\rightarrow inv)	0.1	0.0	0.0	0.1	0.0
ggZH(\rightarrow inv)	0.3	0.1	0.1	0.0	0.0
ttH(\rightarrow inv)	0.0	0.0	0.0	0.0	0.0
Total bkg.	1444.4 ± 21.0	708.5 ± 15.0	493.5 ± 11.9	258.1 ± 10.2	124.0 ± 5.5
Observed	1413	732	482	268	129