

m_{jj} bin range (GeV)	900–1200	1200–1500	1500–2000	2000–2750	>2750
Z($\nu\nu$) + jets (strong)	458.2 ± 31.7	175.5 ± 17.5	109.8 ± 13.2	32.6 ± 6.1	11.8 ± 4.2
Z($\nu\nu$) + jets (VBF)	60.2 ± 5.3	38.0 ± 4.4	27.7 ± 3.8	20.9 ± 3.9	10.1 ± 3.4
W($\ell\nu$) + jets (strong)	450.5 ± 26.8	173.7 ± 16.0	108.4 ± 13.2	45.0 ± 9.6	11.4 ± 6.3
W($\ell\nu$) + jets (VBF)	49.6 ± 6.3	34.7 ± 5.1	24.2 ± 4.2	23.4 ± 4.8	14.4 ± 4.4
$t\bar{t}$ + single t quark	6.5 ± 1.1	1.5 ± 0.4	2.0 ± 0.5	3.7 ± 1.0	2.8 ± 1.5
Diboson	6.4 ± 1.5	1.8 ± 0.4	1.3 ± 0.3	0.2 ± 0.1	0.0 ± 0.1
Z/ $\gamma^*(\ell^+\ell^-)$ + jets	8.5 ± 1.0	5.6 ± 0.9	1.4 ± 0.3	0.8 ± 0.2	0.6 ± 0.2
Multijet	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1
HF noise	12.1 ± 2.4	7.8 ± 1.6	12.8 ± 2.5	17.0 ± 3.4	8.5 ± 1.7
ggH(\rightarrow inv)	4.8	2.4	1.8	0.8	0.3
qqH(\rightarrow inv)	15.7	11.7	13.0	9.9	6.0
WH(\rightarrow inv)	0.0	0.0	0.0	0.0	0.0
qqZH(\rightarrow inv)	0.0	0.0	0.0	0.0	0.0
ggZH(\rightarrow inv)	0.0	0.0	0.0	0.0	0.0
ttH(\rightarrow inv)	0.0	0.0	0.0	0.0	0.0
Total bkg.	1052.0 ± 42.4	438.6 ± 24.7	287.6 ± 19.7	143.6 ± 13.4	59.6 ± 9.7
Observed	1020	432	298	154	68