

Process	e [1,3]	e [4,4]	μ [1,3]	μ [4,4]
WH signal region, 4b				
Other bkgs	29.9 ± 1.9	0.4 ± 0.3	40.5 ± 2.0	1.4 ± 0.2
Multijet	23.2 ± 3.8	3.7 ± 1.3	74.5 ± 9.2	12.1 ± 3.0
$Z \rightarrow \ell\ell$	21 ± 11	2.5 ± 4.7	12.4 ± 1.9	3.2 ± 3.1
$W \rightarrow \ell\nu$	18.6 ± 5.3	5 ± 11	40 ± 14	16.4 ± 7.8
$t\bar{t} + b\bar{b}$	213 ± 15	4.6 ± 2.1	278 ± 15	6.7 ± 1.8
$t\bar{t} + c\bar{c}$	190.6 ± 7.0	7.9 ± 2.4	305 ± 14	2.1 ± 1.3
$t\bar{t} + \text{LF}$	63.0 ± 4.9	1.8 ± 1.1	96.0 ± 8.3	3.8 ± 1.3
Total bkg	559 ± 17	26 ± 11	846 ± 24	45.7 ± 7.8
Data	560	30	838	48
Signal(20)	1.0 ± 0.5	1.9 ± 0.2	1.4 ± 0.6	4.2 ± 0.7
Signal(60)	1.7 ± 0.6	13.9 ± 0.6	1.6 ± 0.5	18.8 ± 0.7
ZH signal region, 4b				
Other bkgs	2.7 ± 2.8	1.2 ± 0.6	6.0 ± 1.4	4.0 ± 1.4
$Z \rightarrow \ell\ell$	33.3 ± 9.3	16.8 ± 4.7	58.2 ± 8.8	25.6 ± 6.0
$t\bar{t} + b\bar{b}$	25.1 ± 6.8	3.1 ± 1.1	52.9 ± 6.3	7.4 ± 1.3
$t\bar{t} + c\bar{c}$	-0.0 ± 3.1	-0.4 ± 4.5	4.4 ± 1.3	0.9 ± 0.4
$t\bar{t} + \text{LF}$	0.2 ± 1.2	0.7 ± 0.6	3.0 ± 0.7	0.6 ± 1.2
Total bkg	61.3 ± 8.2	21.3 ± 4.9	124 ± 10	38.4 ± 6.4
Data	60	20	124	38
Signal(20)	0.1 ± 0.3	1.3 ± 0.1	0.2 ± 0.3	2.3 ± 0.2
Signal(60)	0.2 ± 0.3	6.6 ± 0.3	0.3 ± 0.3	12.0 ± 0.4