

Process	e [1,3]	e [4,4]	e [5,5]	μ [1,3]	μ [4,4]	μ [5,5]
WH signal region, 3b						
Other Bkgs	2288 ± 97	32.8 ± 7.8	14.9 ± 1.7	3570 ± 160	50.4 ± 3.6	17.2 ± 2.4
DD QCD	1370 ± 160	72 ± 15	48 ± 11	4400 ± 380	128 ± 18	43.4 ± 8.0
$Z \rightarrow \ell\ell$	476 ± 46	17.7 ± 6.4	4.7 ± 4.0	430 ± 54	19 ± 14	7.9 ± 1.2
$W \rightarrow \ell\nu$	2850 ± 180	110 ± 37	49 ± 12	3670 ± 150	250 ± 38	121 ± 23
$t\bar{t}+b\bar{b}$	5650 ± 280	58.9 ± 5.4	20.5 ± 2.4	6610 ± 400	74.8 ± 8.5	22.9 ± 5.1
$t\bar{t}+c\bar{c}$	19080 ± 260	101 ± 12	38.4 ± 4.1	30930 ± 410	162 ± 35	47.0 ± 6.2
$t\bar{t}+LF$	11220 ± 190	98 ± 13	33.8 ± 4.1	18010 ± 310	159.5 ± 6.7	48.1 ± 2.0
Total Bkg	42940 ± 200	490 ± 64	208 ± 17	67630 ± 280	844 ± 52	308 ± 29
Data	42934	510	230	67688	874	326
Signal(20)	77.3 ± 1.4	30.2 ± 0.9	15.8 ± 0.7	110.1 ± 1.6	46.2 ± 1.1	23.5 ± 0.8
Signal(60)	117.5 ± 1.5	90.3 ± 1.6	60.7 ± 1.3	164.9 ± 1.7	125.5 ± 1.9	83.0 ± 1.5
ZH signal region, 3b						
Other Bkgs	72 ± 16	6.2 ± 1.7	1.2 ± 0.7	126 ± 24	13.2 ± 3.7	2.6 ± 0.9
$Z \rightarrow \ell\ell$	871 ± 40	98.1 ± 9.8	68 ± 12	1811 ± 58	237 ± 16	123 ± 16
$t\bar{t}+b\bar{b}$	288 ± 49	10.0 ± 2.4	2.9 ± 1.1	434 ± 57	11.8 ± 2.1	3.4 ± 5.5
$t\bar{t}+c\bar{c}$	128 ± 33	2.6 ± 2.9	2.2 ± 4.9	242 ± 51	5.2 ± 1.7	1.9 ± 5.3
$t\bar{t}+LF$	180 ± 11	4.2 ± 0.3	2.3 ± 0.6	346 ± 16	12.5 ± 0.8	2.4 ± 0.6
Total Bkg	1539 ± 50	121 ± 11	77 ± 13	2959 ± 65	280 ± 17	134 ± 18
Data	1544	130	82	2962	292	144
Signal(20)	6.2 ± 0.6	9.9 ± 0.4	13.3 ± 0.4	13.1 ± 0.8	21.6 ± 0.5	24.9 ± 0.6
Signal(60)	7.6 ± 0.7	21.4 ± 0.5	43.4 ± 0.8	13.1 ± 0.8	42.8 ± 0.8	76.6 ± 1.0