

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