

Category	EWK prompt	Fake	Total background	Data	Signal mass M_Σ (GeV)		
					180	240	
$\mu^+\mu^+\mu^-$	4.7 ± 1.2 (0.4)	0.4 ± 0.5 (0.4)	5.0 ± 1.3	9	4.3 ± 0.3	2.0 ± 0.1	0.0
$e^+e^+e^-$	2.9 ± 0.8 (0.3)	1.4 ± 1.1 (0.8)	4.3 ± 1.4	6	2.8 ± 0.3	1.4 ± 0.1	0.0
$\mu^+\mu^+e^-$	0.6 ± 0.2 (0.1)	2.1 ± 1.3 (0.7)	2.7 ± 1.3	1	6.7 ± 0.4	2.4 ± 0.2	0.0
$\mu^+e^+\mu^-$	7.1 ± 1.8 (0.6)	3.5 ± 1.9 (0.7)	10.6 ± 2.6	8	9.8 ± 0.6	4.2 ± 0.3	1.0
$e^+e^+\mu^-$	0.7 ± 0.2 (0.1)	2.8 ± 1.5 (0.6)	3.6 ± 1.6	1	5.9 ± 0.5	2.2 ± 0.2	0.0
$\mu^+e^+e^-$	4.8 ± 1.2 (0.4)	1.0 ± 0.8 (0.6)	5.7 ± 1.4	6	8.7 ± 0.7	3.7 ± 0.3	0.0
Total sign +	20.7 ± 2.6 (0.9)	11.2 ± 3.1 (1.6)	31.9 ± 4.0	31	38.2 ± 1.2	15.8 ± 0.5	4.0
$\mu^-\mu^-\mu^+$	2.4 ± 0.6 (0.3)	0.2 ± 0.5 (0.5)	2.6 ± 0.8	2	2.1 ± 0.2	0.96 ± 0.07	0.0
$e^-e^-e^+$	2.4 ± 0.7 (0.3)	2.7 ± 1.6 (0.9)	5.1 ± 1.8	5	1.4 ± 0.1	0.66 ± 0.07	0.0
$\mu^-\mu^-e^+$	0.5 ± 0.2 (0.1)	1.6 ± 1.0 (0.6)	2.1 ± 1.0	2	3.4 ± 0.2	1.09 ± 0.08	0.0
$\mu^-e^-\mu^+$	3.4 ± 0.9 (0.4)	2.1 ± 1.2 (0.7)	5.5 ± 1.5	2	5.0 ± 0.4	1.86 ± 0.14	0.0
$e^-e^-\mu^+$	0.6 ± 0.2 (0.1)	2.3 ± 1.3 (0.7)	2.9 ± 1.4	1	2.8 ± 0.2	0.96 ± 0.08	0.0
$\mu^-e^-e^+$	3.4 ± 0.8 (0.4)	2.0 ± 1.2 (0.7)	5.4 ± 1.5	4	4.5 ± 0.4	1.71 ± 0.15	0.0
Total sign -	12.6 ± 1.5 (0.7)	10.9 ± 2.9 (1.6)	23.5 ± 3.3	16	19.2 ± 0.7	7.2 ± 0.25	1.0
Total	33.3 ± 3.9 (1.2)	22.1 ± 5.2 (1.7)	55.4 ± 6.5	47	57.5 ± 1.4	23.1 ± 0.6	5.0