Table 40: HWW dilepton MC acceptance table, assuming $M_H^{\mathrm{SM}} = 160$ GeV

Category	Lepton ID	Lep1 Isol	Lep2 Isol	$M_{\ell\ell} > 16$	jet veto	opp sign	$\not\!\!E_t$	$\not\!\!E_t \;\|\; \Delta\phi$	$M_{\ell\ell} < M_H/2$	$p^1 p^2 \not\!\!E_t < M_H$
TCE-TCE	22638 2.02 ± 0.01	18669 82.47 ± 0.25	16786 89.91 ± 0.22	15987 95.24 ± 0.16	14051 87.89 ± 0.26	14048 99.98 ± 0.01	11235 79.98 ± 0.34	11117 98.95 ± 0.10	10871 97.79 ± 0.14	10362 95.32 ± 0.20
TCE-PHX	8087 0.72 ± 0.01	7379 91.25 ± 0.31	6971 94.47 ± 0.27	6875 98.62 ± 0.14	6146 89.40 ± 0.37	5664 92.16 ± 0.34	4602 81.25 ± 0.52	4553 98.94 ± 0.15	4314 94.75 ± 0.33	4238 98.24 ± 0.20
PHX-PHX	0 0.00 ± 0.00	0 0.00 ± 0.00	0 0.00 ± 0.00	0 0.00 ± 0.00	0 0.00 ± 0.00	0 0.00 ± 0.00	0 0.00 ± 0.00	0 0.00 ± 0.00	0 0.00 ± 0.00	0 0.00 ± 0.00
ee	30725 2.75 ± 0.02	26048 84.78 ± 0.20	23757 91.20 ± 0.18	22862 96.23 ± 0.12	20197 88.34 ± 0.21	19712 97.60 ± 0.11	15837 80.34 ± 0.28	15670 98.95 ± 0.08	15185 96.90 ± 0.14	14600 96.15 ± 0.16
TCE-CMUP	28827 2.58 ± 0.01	23920 82.98 ± 0.22	22349 93.43 ± 0.16	21200 94.86 ± 0.15	18622 87.84 ± 0.22	18619 99.98 ± 0.01	14768 79.32 ± 0.30	14619 98.99 ± 0.08	14269 97.61 ± 0.13	13667 95.78 ± 0.17
TCE-CMX	12306 1.10 ± 0.01	10338 84.01 ± 0.33	9680 93.64 ± 0.24	9296 96.03 ± 0.20	8220 88.43 ± 0.33	8217 99.96 ± 0.02	6504 79.15 ± 0.45	6446 99.11 ± 0.12	6276 97.36 ± 0.20	6061 96.57 ± 0.23
TCE-CMU	4722 0.42 ± 0.01	3935 83.33 ± 0.54	3703 94.10 ± 0.38	3594 97.06 ± 0.28	3162 87.98 ± 0.54	3162 100.00 ± 0.00	2630 83.18 ± 0.67	2598 98.78 ± 0.21	2526 97.23 ± 0.32	2413 95.53 ± 0.41
TCE-CMP	6796 0.61 ± 0.01	5736 84.40 ± 0.44	5408 94.28 ± 0.31	5236 96.82 ± 0.24	4629 88.41 ± 0.44	4629 100.00 ± 0.00	3899 84.23 ± 0.54	3860 99.00 ± 0.16	3770 97.67 ± 0.24	3598 95.44 ± 0.34
TCE-CMIO	7719 0.69 ± 0.01	6351 82.28 ± 0.43	5931 93.39 ± 0.31	5638 95.06 ± 0.28	4955 87.89 ± 0.43	4955 100.00 ± 0.00	3867 78.04 ± 0.59	3805 98.40 ± 0.20	3722 97.82 ± 0.24	3600 96.72 ± 0.29
PHX-CMUP	3776 0.34 ± 0.01	3538 93.70 ± 0.40	3478 98.30 ± 0.22	3477 99.97 ± 0.03	3140 90.31 ± 0.50	2902 92.42 ± 0.47	2403 82.80 ± 0.70	2372 98.71 ± 0.23	2225 93.80 ± 0.50	2212 99.42 ± 0.16
PHX-CMX	3175 0.28 ± 0.01	2918 91.91 ± 0.48	2871 98.39 ± 0.23	2794 97.32 ± 0.30	2486 88.98 ± 0.59	2253 90.63 ± 0.58	1837 81.54 ± 0.82	1812 98.64 ± 0.27	1752 96.69 ± 0.42	1701 97.09 ± 0.40
PHX-CMU	865 0.08 ± 0.00	822 95.03 ± 0.74	815 99.15 ± 0.32	813 99.75 ± 0.17	723 88.93 ± 1.10	670 92.67 ± 0.97	583 87.01 ± 1.30	580 99.49 ± 0.30	550 94.83 ± 0.92	541 98.36 ± 0.54
PHX-CMP	863 0.08 ± 0.00	810 93.86 ± 0.82	805 99.38 ± 0.28	805 100.00 ± 0.00	724 89.94 ± 1.06	672 92.82 ± 0.96	591 87.95 ± 1.26	582 98.48 ± 0.50	542 93.13 ± 1.05	542 100.00 ± 0.00
PHX-CMIO	1741 0.16 ± 0.00	1606 92.25 ± 0.64	1580 98.38 ± 0.31	1551 98.16 ± 0.34	1383 89.17 ± 0.79	1277 92.34 ± 0.72	1074 84.10 ± 1.02	1060 98.70 ± 0.35	1004 94.72 ± 0.69	983 97.91 ± 0.45
$e\mu$	70790 6.33 ± 0.02	59974 84.72 ± 0.14	56620 94.41 ± 0.09	54404 96.09 ± 0.08	48044 88.31 ± 0.14	47356 98.57 ± 0.05	38156 80.57 ± 0.18	37734 98.89 ± 0.05	36636 97.09 ± 0.09	35318 96.40 ± 0.10
CMUP-CMUP	9553 0.85 ± 0.01	8390 87.83 ± 0.33	7380 87.96 ± 0.36	6932 93.93 ± 0.28	6035 87.06 ± 0.40	6035 100.00 ± 0.00	4744 78.61 ± 0.53	4691 98.88 ± 0.15	4583 97.70 ± 0.22	4389 95.77 ± 0.30
CMUP-CMX	7410 0.66 ± 0.01	6765 91.30 ± 0.33	6467 95.59 ± 0.25	6262 96.83 ± 0.22	5533 88.36 ± 0.41	5533 100.00 ± 0.00	4432 80.10 ± 0.54	4379 98.80 ± 0.16	4266 97.42 ± 0.24	4181 98.01 ± 0.21
CMUP-CMU	3022 0.27 ± 0.00	2750 91.00 ± 0.52	2538 92.29 ± 0.51	2475 97.52 ± 0.31	2150 86.87 ± 0.68	2150 100.00 ± 0.00	1743 81.07 ± 0.84	1729 99.20 ± 0.21	1688 97.63 ± 0.37	1636 96.92 ± 0.42
CMUP-CMP	4826 0.43 ± 0.01	4382 90.80 ± 0.42	3796 86.63 ± 0.51	3649 96.13 ± 0.31	3201 87.72 ± 0.54	3201 100.00 ± 0.00	2626 82.04 ± 0.68	2599 98.97 ± 0.20	2547 98.00 ± 0.27	2453 96.31 ± 0.37
CMUP-CMIO	4973 0.44 ± 0.01	4429 89.06 ± 0.44	4129 93.23 ± 0.38	3917 94.87 ± 0.34	3455 88.21 ± 0.52	3455 100.00 ± 0.00	2696 78.03 ± 0.70	2667 98.92 ± 0.20	2608 97.79 ± 0.28	2529 96.97 ± 0.34
CMX-CMX	1738 0.16 ± 0.00	1498 86.19 ± 0.83	1177 78.57 ± 1.06	1104 93.80 ± 0.70	980 88.77 ± 0.95	980 100.00 ± 0.00	727 74.18 ± 1.40	719 98.90 ± 0.39	699 97.22 ± 0.61	675 96.57 ± 0.69
CMX-CMU	979 0.09 ± 0.00	882 90.09 ± 0.95	783 88.78 ± 1.06	743 94.89 ± 0.79	675 90.85 ± 1.06	675 100.00 ± 0.00	553 81.93 ± 1.48	547 98.92 ± 0.44	529 96.71 ± 0.76	510 96.41 ± 0.81
CMX-CMP	1443 0.13 ± 0.00	1359 94.18 ± 0.62	1308 96.25 ± 0.52	1293 98.85 ± 0.29	1118 86.47 ± 0.95	1118 100.00 ± 0.00	928 83.01 ± 1.12	920 99.14 ± 0.30	900 97.83 ± 0.48	881 97.89 ± 0.48
CMX-CMIO	1619 0.14 ± 0.00	1459 90.12 ± 0.74	1321 90.54 ± 0.77	1270 96.14 ± 0.53	1119 88.11 ± 0.91	1119 100.00 ± 0.00	834 74.53 ± 1.30	826 99.04 ± 0.34	795 96.25 ± 0.66	772 97.11 ± 0.59
$\mu\mu$	35563 3.18 ± 0.02	31914 89.74 ± 0.16	28899 90.55 ± 0.16	27645 95.66 ± 0.12	24266 87.78 ± 0.20	24266 100.00 ± 0.00	19283 79.47 ± 0.26	19077 98.93 ± 0.07	18615 97.58 ± 0.11	18026 96.84 ± 0.13
total	137078 12.25 ± 0.03	117936 86.04 ± 0.09	109276 92.66 ± 0.08	104911 96.01 ± 0.06	92507 88.18 ± 0.10	91334 98.73 ± 0.04	73276 80.23 ± 0.13	72481 98.92 ± 0.04	70436 97.18 ± 0.06	67944 96.46 ± 0.07