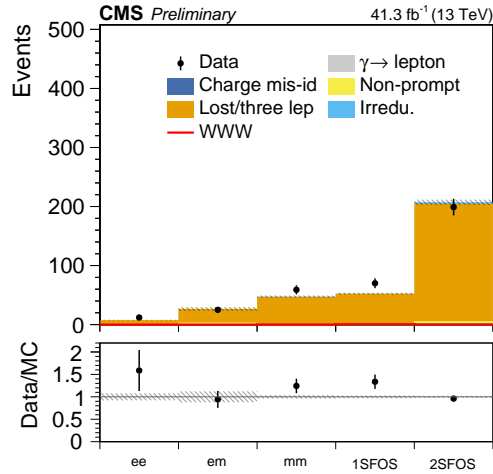# WWW Analysis Note

WWW Analysis Team

December 8, 2018

Abstract

This contains various tables and plots used for the actual AN of WWW analysis.

1 Lost Lepton Control Region

Bin number	$\gamma \to$ lepton	Charge mis-id	Non-prompt	Lost/three lep	Irredu.	WWW	Total	Data	Ratio
Bin1	0.0 ± 0.0	0.0 ± 0.0	0.0 ± 0.0	7.56 ± 0.59	0.01 ± 0.0	0.0 ± 0.0	7.56 ± 0.59	12.0 ± 3.46	1.59 ± 0.47
Bin2	0.0 ± 0.0	0.03 ± 0.03	3.08 ± 3.02	23.54 ± 1.13	-0.13 ± 0.18	0.0 ± 0.0	26.51 ± 3.23	25.0 ± 5.0	0.94 ± 0.22
Bin3	0.01 ± 0.01	0.0 ± 0.0	0.2 ± 0.16	46.65 ± 1.76	0.61 ± 0.38	0.12 ± 0.12	47.47 ± 1.81	59.0 ± 7.68	1.24 ± 0.17
Bin4	0.0 ± 0.0	0.18 ± 0.08	0.41 ± 0.23	51.7 ± 1.55	0.09 ± 0.21	0.59 ± 0.25	52.38 ± 1.58	70.0 ± 8.37	1.34 ± 0.16
Bin5	0.0 ± 0.0	0.22 ± 0.08	5.4 ± 2.92	198.75 ± 3.11	2.81 ± 1.51	0.37 ± 0.23	207.18 ± 4.53	199.0 ± 14.11	0.96 ± 0.07

(a)

Figure 1: Lost lepton control region for 2017 data.