

Channel		Data (CR)	Non- 3ℓ (CR)	$TF_{\text{CR}\rightarrow\text{SR}}$	Background estimate
SS $m_{\text{jj-in}}$	$e^\pm e^\pm$	6	0.01 ± 0.01	$0.134^{+0.053}_{-0.066}$	$0.80^{+0.48}_{-0.32}$ (stat) $^{+0.32}_{-0.40}$ (syst)
	$e^\pm \mu^\pm$	13	0.26 ± 0.13	$0.103^{+0.024}_{-0.024}$	$1.31^{+0.48}_{-0.37}$ (stat) $^{+0.30}_{-0.30}$ (syst)
	$\mu^\pm \mu^\pm$	50	1.04 ± 0.58	$0.062^{+0.011}_{-0.012}$	$3.02^{+0.50}_{-0.43}$ (stat) $^{+0.54}_{-0.60}$ (syst)
SS $m_{\text{jj-out}}$	$e^\pm e^\pm$	6	0.01 ± 0.01	$0.600^{+0.140}_{-0.144}$	$3.60^{+2.15}_{-1.43}$ (stat) $^{+0.84}_{-0.86}$ (syst)
	$e^\pm \mu^\pm$	13	0.26 ± 0.13	$0.382^{+0.067}_{-0.064}$	$4.86^{+1.79}_{-1.36}$ (stat) $^{+0.85}_{-0.82}$ (syst)
	$\mu^\pm \mu^\pm$	50	1.04 ± 0.58	$0.090^{+0.014}_{-0.014}$	$4.39^{+0.73}_{-0.63}$ (stat) $^{+0.67}_{-0.68}$ (syst)
	0 SFOS	—	—	—	$0.47^{+0.20}_{-0.19}$ (syst)
3ℓ	1 SFOS	34	1.01 ± 0.53	$0.095^{+0.019}_{-0.017}$	$3.14^{+0.66}_{-0.55}$ (stat) $^{+0.62}_{-0.55}$ (syst)
	2 SFOS	155	2.74 ± 1.37	$0.066^{+0.009}_{-0.009}$	$10.10^{+0.89}_{-0.82}$ (stat) $^{+1.30}_{-1.30}$ (syst)