

Uncertainty source	Impact on background [%]			
	$m_{\ell\ell\ell} > 1 \text{ TeV}$		$m_{\ell\ell\ell} > 3 \text{ TeV}$	
	ee	$\mu\mu$	ee	$\mu\mu$
Lepton selection efficiency	6.8	0.8	6.4	1.3
Muon trigger efficiency	—	0.9	—	0.9
Mass scale	7.0	2.7	15.4	2.4
Dimuon mass resolution	—	0.1	—	0.6
Pileup reweighting	0.3	—	0.5	—
Trigger prefiring	0.5	—	0.2	—
PDF	3.7	3.0	9.4	10.2
Cross section for other simulated backgrounds	0.6	0.8	0.2	0.4
Z peak normalization	2.3	5.0	2.0	5.0
Simulated sample size	0.4	0.4	1.3	1.6