

Category	Source	WW	WZ	ZZ
Experimental	Trigger efficiencies	5% ($p_T < 15$ GeV), 1%	3% (2 ℓ), <0.5% (3 ℓ)	1% (2 ℓ), <0.5% (4 ℓ)
	Lepton efficiencies	1% (2%) for μ (e)	1-3%	\sim 2%
	JES	\sim 1-2%	\sim 1% (only 2 μ ss)	\sim 1% (only 2 ℓ)
	JER	\sim 1-2%	\sim 1% (only 2 μ ss)	\sim 1% (only 2 ℓ)
	L1 Prefiring	< 2%	1-2%	1%
	Nonprompt closure	30% (e), 15% (μ)	30% (e), 15% (μ) only 2 μ ss	—
	Luminosity	1.9%	1.9%	1.9%
Background normalization	Nonprompt	—	20% (3 ℓ)	20% (4 ℓ)
	Flips	—	20%	—
	Conversions	30%	30%	30%
	VV	20%	20%	20%(2 ℓ 2 ν)
	Top quark	10%	—	10%(2 ℓ 2 ν)
Theory	Drell–Yan	10%	—	10%(2 ℓ 2 ν)
	PDF	< 1%	< 1%	\sim 2%
	QCD scale	< 3%	< 3%	\sim 3-4%