

Categories	Source	WW	WZ	ZZ
Experimental	Trigger efficiencies	5% ( $p_T < 15$ GeV), 1%	3% (2 $\ell$ ), <0.5% (3 $\ell$ )	1% (2 $\ell$ ), <0.5% (4 $\ell$ )
	Lepton efficiencies	1% (2%) for $\mu$ (e)	1-3%	$\sim$ 2%
	JES	$\sim$ 1-2%	$\sim$ 1% (only 2 $\mu$ ss)	$\sim$ 1% (only 2 $\ell$ )
	JER	$\sim$ 1-2%	$\sim$ 1% (only 2 $\mu$ ss)	$\sim$ 1% (only 2 $\ell$ )
	L1 Prefiring	< 2%	1-2%	1%
	Nonprompt closure	30% (e), 15% ( $\mu$ )	30% (e), 15% ( $\mu$ ) only 2 $\mu$ ss	—
	Luminosity	1.5%	1.5%	1.5%
Background normalization	Nonprompt	—	20% (3 $\ell$ )	20% (4 $\ell$ )
	Flips	—	20%	—
	Conversions	30%	30%	30%
	VV	20%	20%	20% (2 $\ell$ 2 $\nu$ )
	Top	10%	—	10% (2 $\ell$ 2 $\nu$ )
	Drell–Yan	10%	—	10% (2 $\ell$ 2 $\nu$ )
Theory	PDF + $\alpha_S$	< 1%	< 1%	$\sim$ 2%
	QCD scale	< 3%	< 3%	$\sim$ 3-4%