

Uncertainty source	Systematic Uncertainty			
	Z' (AK8)	W/Z (AK8)	Z' (CA15)	W/Z (CA15)
NLO EW corrections <sup>△</sup>	—	15–35%	—	15–35%
NLO QCD corrections	10%	10%	10%	10%
NLO EW W/Z decorrelation <sup>△</sup>	—	5–15%	—	5–15%
Simulation sample size	1–12%	1–12%	1–12%	1–12%
$N_2^{1,DDT}$ selection efficiency	10%	10%	7%	7%
Jet mass scale	1%	1%	1%	1%
Jet mass resolution	10%	10%	7%	7%
Jet mass scale (% / ( $p_T$ [GeV]/100)) <sup>△</sup>	0.5–2%	0.5–2%	0.5–2%	0.5–2%
Jet energy resolution	1–7%	1–7%	1–7%	1–7%
Signal $p_T$ correction	5%	—	5%	—
Integrated luminosity	2.3%	2.3%	2.3%	2.3%
Trigger efficiency	2%	2%	2%	2%
Pileup	1–2%	1–2%	1–2%	1–2%
Lepton veto efficiency	0.5%	0.5%	0.5%	0.5%