

Source of uncertainty	Magnitude [%]	
	ℓ_{lost}	$Z \rightarrow \nu\bar{\nu}$
Finite-size simulated samples	1–50	1–50
Total inelastic cross section (pileup)	0.6–3.8	2.3–2.8
μ_F and μ_R scales	2.3–3.6	0.9–4.7
Parton distribution functions	1.1–2.7	0.0–3.3
W+jets cross section	0.2–1.4	—
t̄t cross section	0.0–1.0	—
NLO QCD corrections	1.5–13	2.6–17
NLO EW corrections	0.1–9.5	0.0–7.8
ISR (t̄t)	0.8–1.1	—
Signal trigger efficiency	0.0–3.1	0.0–2.0
Lepton efficiency (selection)	2.0	4.0
Lepton efficiency (veto)	5.0	5.0
Jet energy scale	3.4–5.5	5.3–8.0
b tagging efficiency	0.4–0.6	0.3–0.6
Mistag probabilities	0.1–1.4	0.2–1.8
α_T extrapolation	3–9, 2–6	3–9, 2–6
$\Delta\phi_{\min}^*$ extrapolation	3–22, 2–18	3–22, 2–18
W boson polarization	1–7, 2–7	—
Single isolated track veto	0–10, 0–13	—