

Systematic uncertainty	Background		Signal
	SR1	SR2	
Renormalization & factorization scales	—	—	2–3
Pileup	0.1–1.8	0.1–2.0	1
JES	1.2–2.1	0.1–1.4	3–4
JER	0.1–0.5	0.1–1.1	0–1
b-tagging	0.1	0.1–1.0	1–3
Trigger	0.0–0.1	0.0–0.1	1
Lepton efficiency	1.0–1.8	1.0–1.5	3
ISR ($t\bar{t}$ and signal)	0.1–0.5	0.1–0.8	5–7
ISR (W+jets)	4.5–10.2	1.9–4.4	—
$p_{\text{T}}^{\text{miss}}$ modelling (FASTSIM)	—	—	2–3
Relative yields W+jets/ $t\bar{t}$	0.1–1.6	0.1–2.2	—
Nonprompt	1.0–4.6	1.0–9.5	—