

Source	Value range (%) (background)	Impact range (%) (background)	Typical impact (%) (signal)
Luminosity	2.5	1–2	2.5
Pileup	0–8	0–6	1–3
Trigger efficiency	2	1–2	1
Muon selection	6	3–6	6
b-tagging	1–2	0–2	1–5
Jet energy scale/resolution	1–8	1–8	1–5
Nonprompt muon estimate	32–56	0–21	
Normalization WZ	14	1–3	
Normalization $t\bar{t}Z$	50	0–3	
Scale and PDF variations	5–19	2–18	
Stat. precision of simulations	3–32	3–32	
$W^\pm W^\pm$ generator comparison	1–25	0–13	
WZ lost lepton	7–24	1–4	
Normalization $\gamma + X$	50	0–13	
Normalization other/ $t\bar{t}H$	50	1–7	
ISR uncertainty			0–2
Stat. precision signal efficiency			1–3
Muon efficiencies signal			4