Uncertainty source	Type	Processes	Variation	
			$SR_b^{\mu\mu}$	$SR_{b+j/b}^{\mu\mu}$
Trigger eff.	per event	Signal	2.2–4.7%	
Background fit	per event	Backgr. est.	4–15%	4–18%
Integrated luminosity corr.	per event	Signal	1.2–2.5%	
Muon reco., ID, and iso. eff.	per muon	Signal	0.2–0.6%	
Muon energy scale	per muon (p_T)	Signal	0.1–0.2%	
Jet energy scale	per jet (p_T)	Signal	2.4–4.4%	
Jet energy resolution	per jet (p_T)	Signal	2.6–7.2%	
Jet energy scale (HEM)	per jet (p_T)	Signal	0.20–0.22%	
b-tagging efficiency corr.	per jet	Signal	0.6-1.6%	
Pileup	per event	Signal	0.30–2.44%	
Pileup jet identification	per jet	Signal	0.7–1.7%	
PDF	per event	Signal	$< 0.02\%$	$< 0.2\%$
Factor. and renorm. scale	per event	Signal	$< 0.2\%$	$< 0.4\%$