

	V+jets	$t\bar{t}$, t+X	VV	Signal
bkg. normalization	2–15%	-	-	-
top scale factors	-	2–17%	-	-
jet energy scale §	-	-	3%	1%
jet energy resolution §	-	-	<1%	<1%
jet mass scale	-	-	6%	1%
jet mass resolution	-	-	6%	11%
lepton identification and isolation	-	1–3% †	2–4% (e), 4–5% (μ), 1% (0ℓ)	
lepton scale and res. §	-	-	-	1–5%
τ veto	-	-		3% (0ℓ)
p_T^{miss} scale and res.	-	-	1%	1%
trigger	-	-	4% (e), 4% (μ), 3% (0ℓ)	
b tagging	-	3% (0ℓ , 1ℓ)	4% (1b)	2–5% (1b)
		2–5% †	5% (2b)	3–7% (2b)
Higgs boson jet	-	-	-	6%
top quark p_T	-	6–14% †	-	-
pileup	-	<1% †	<1%	<1%
factorization and renormalization scales	-	21% †	19%	3–28% ‡
PDF normalization	-	5% †	5%	8–36% ‡
PDF acceptance	-	2% †	<2%	<1%
luminosity	-	-	2.5%	2.5%