	8 TeV data		13 TeV data	
Systematic source	Absolute (%)	Normalized (%)	Absolute (%)	Normalized (%)
Trigger	1.5	—	2.0	—
Lepton reconstruction and selection	0.9–4.4	≤ 0.1	3.7–4.5	0.1–0.8
Jet energy scale	1.5–9.2	1.5–9.1	4.6–17.6	4.6–17.6
Jet energy resolution	0.2–1.7	0.2–1.7	2.1–8.4	2.1–8.4
Background yields	0.7–7.2	0.7–5.4	0.5–2.9	0.4–2.1
Pileup	1.8	1.8	0.3–1.9	0.6–1.8
Luminosity	2.6	—	2.5	—
Choice of Monte Carlo generators	0.2–3.7	0.2–3.7	0.5–5.1	0.8–4.8
qq/gg cross section	0.1–0.8	0.1–0.8	< 0.1–0.3	0.1–0.2
PDF	1.0	—	< 0.1–0.2	< 0.1–0.2
α_S	<0.1	<0.1	≤ 0.1	≤ 0.1