

Observable/Uncertainty	p_T^Z	p_T^{bjet}	$ \eta^{\text{bjet}} $	$\Delta\phi^{(Z, \text{bjet})}$	$\Delta Y^{(Z, \text{bjet})}$	$\Delta R^{(Z, \text{bjet})}$
Statistical	1.0–5.2	1.0–12	0.7–1.4	0.7–2.2	0.7–4.7	1.0–5.3
JES, JER	1.0–9.0	2.0–7.2	2.0–7.0	2.0–4.8	2.0–6.4	1.6–6.1
b tagging/mistagging	2.3–6.0	2.0–8.3	2.6–4.3	2.5–4.9	2.7–5.5	2.6–7.2
Unclustered energy of p_T^{miss}	2.2–3.6	2.2–3.4	0.5–1.8	2.5–3.8	2.7–3.0	2.3–3.8
Background estimation	1.6–3.6	1.8–3.0	1.9–3.2	1.5–3.9	2.0–3.4	2.6–4.8
Pileup reweighting	1.0–2.2	0.7–2.2	1.8–2.4	1.8–2.6	1.8–2.2	1.5–2.5
Electron selection	1.3–2.8	1.2–1.9	1.4–1.8	1.3–1.9	1.5–2.4	1.2–2.2
Model dependency	0.5–1.4	0.5–1.2	0.5	0.5–1.5	0.5–0.6	0.5–1.1
Muon selection	0.5–1.0	0.5–1.0	0.5	0.5	0.5	0.5–0.6
Pileup jet identification	0.5–0.6	0.5	0.5–0.9	0.5	0.5–0.6	0.5
L1 prefiring	0.5	0.5	0.5–0.7	0.5	0.5–0.9	0.5
μ_R and μ_F scales	1.0–7.2	1.0–10.0	0.7–3.3	1.5–2.7	1.0–2.8	1.5–4.0
PDF	0.5–2.9	0.5–2.1	1.5–2.8	0.5–2.1	0.5–1.6	0.5–4.2
α_s	0.5–1.0	0.5–0.7	0.5	0.5–1.1	0.5	0.5–1.3