

Systematic source	Z + jets [%]	γ + jets [%]	(Z + jets)/(γ + jets) [%]	$\Delta R_{Z,j}$ region [%]
Trigger	0.0	0.2–2.2	0.2–2.2	0.0–0.2
Muon reconstruction and selection	0.8–1.0	—	0.8–1.0	0.9–1.1
Photon reconstruction and selection	—	2.5–2.6	2.5–2.6	—
Photon energy scale	—	0.5–8.6	0.5–8.6	—
Muon momentum scale	1.7–22	—	1.7–22	0.1–12
Photon purity	—	0.2–1.1	0.2–1.1	—
Background yields	0.7–1.5	—	0.5–1.6	0.9–11
Pileup	0.0–0.7	0.0–0.3	0.0–0.4	0.2–0.9
Integrated luminosity	2.5	2.5	0.0	2.5
Unfolding	0.3–19	1.1–6.4	1.1–20	1.2–11
JES/JER	0.0–0.2	0.0–0.2	≤ 0.04	0.3–1.5
Total	3.3–29	4.0–12	4.4–31	3.5–17