

Source	Range (%)
μ_F and μ_R scales	0.3–1.0
PDF	≈ 0.6
Initial-state radiation	0.5–1.0
Final-state radiation	0.6–1.2
ME/PS matching (h_{damp})	0.3–2.0
Underlying event	≈ 0.8
Colour reconnection	≈ 1.5
Top quark p_T reweighting	0.1–0.5
Top quark mass (acceptance)	≈ 1.0