Source	Typical variation	Correlated between years
Experimental		
Luminosity	1.3–2.5%	Partially
Pile-up	0.4% - 2.2%	\checkmark
Lepton ID SFs	< 0.01%	\checkmark
Photon ID SFs	3.5% - 4.7%	\checkmark
Photon energy scale and resolution	0.2% – 1.1 %	\checkmark
Photon pixel veto SFs	0.1% – 0.9%	\checkmark
Jet energy scale and resolution	0.2 - 2.8%	Partially
L1 ECAL prefiring	0.1% - 1.9%	\checkmark
Jet $\rightarrow \gamma$ fake ratio	2%-20%	\checkmark
$\mathrm{e} ightarrow \gamma$ fake ratio	13%-45%	\checkmark
Theoretical		
NLO electroweak corrections	2.7%	\checkmark
PDF and α_S	1.5%-1.7%	\checkmark
Renormalization/factorization scale	6%–7.2%	\checkmark