

Source	Subcategory	Uncertainty
	In-situ correlation group	+0.20 -0.21
	Flavour correlation group	+0.40 -0.40
	Inter-calibration group	+0.00 -0.03
	Uncorrelated group	+0.48 -0.40
	Pile-up p_T uncertainty	+0.18 -0.10
Total JES		+0.68 -0.61
b-quark JES and Hadronization Modeling		±0.15
JER		< 0.05
Lepton energy scale		< 0.05
E_T^{miss}		±0.15
Pile-up		±0.10
b-tagging efficiency		±0.10
Fit Calibration		±0.38
	Background PDFs	±0.10
	Background normalization	±0.14
	Background Q^2 scale	±0.18
	Background matching scale	±0.30
Total Background Calculations		±0.39
Generator modeling		±0.10
Signal Q^2 scale		±0.23
Underlying Event		±0.20
Color Reconnection		< 0.05
PDF		< 0.05
Total		+0.97 -0.93