

Source of uncertainty	8 TeV	7 TeV	2.76 TeV
Overlap integral measurement			
Beam-beam resolution	0.93	1.00	0.40
Beam-gas resolution	0.55	2.80	1.31
Detector alignment	0.45	0.30	0.90
Fit model	0.50	1.50	0.50
Measurement spread	0.54	1.00	1.30
Reconstruction efficiency	0.04	0.20	0.17
Bunch length and $z_{\text{rf}}$	0.05	0.10	0.10
Pressure gradient	0.03	0.03	0.03
VELO transverse scale	0.05	0.05	0.05
Statistical uncertainty	0.01	0.25	0.03
Bunch population uncertainties			
FBCT non-linearity	0.04	0.05	0.05
DCCT population product	0.22	0.24	0.28
Ghost charge	0.02	0.10	0.07
Satellite charge	0.06	0.25	0.08
Rate measurement			
Background subtraction	0.20	0.05	0.20
Ratio of observable <i>Track</i> to <i>Vertex</i>	0.20	n.a.	0.20
Final $\delta\sigma_{\text{Track}}/\sigma_{\text{Track}}$	1.43	3.50	2.20