

Systematic sources	Relative uncertainties (%)
Muon trigger, identification, and reconstruction	6.0–14
Detector alignment	2.8
B^+ vertex reconstruction	1.4
Size of simulated samples	0.5–3.9
Track reconstruction efficiency	3.9
$B^+ \rightarrow J/\psi(\rightarrow \mu^+ \mu^-)K^+$ branching fraction	3.1
Model in likelihood fits	1.0–6.4
Bin-to-bin migration	0.4–3.7
B^+ kinematic distributions	0.4–11
Parton distribution functions	0.1–0.7
B^+ lifetime	0.3
Total (excluding the integrated luminosity)	9.1–16
Integrated luminosity	2.3