

Source	Uncertainty (%)
Mass window	0.9
BDT selection	5.7
$B_c^+ \rightarrow J/\psi K^+$ signal model	0.7
$B_c^+ \rightarrow J/\psi \pi^+$ signal model	0.5
Choice of signal shape	2.7
Partially reconstructed background shape	2.3
$B_c^+ \rightarrow J/\psi K^+$ signals in $\text{DLL}_{K\pi} < 0$ bins	1.8
$\text{DLL}_{K\pi}$ binning choice	1.2
$K^+$ and $\pi^+$ interaction length	2.0
Simulation sample size	0.7
Total	7.5