Source	Relative uncertainty (%)
Data/simulation difference in the η and two-body mass distributions	0.2
Background model in $M(\mathrm{J}/\psi\Lambda K^+K^-)$ distribution	0.6
Background model in $M(\psi(2S)\Lambda)$ distribution	0.8
Background model in $M(K^+K^-)$ distribution	0.8
Signal model in $M(\mathrm{J}/\psi\Lambda K^+K^-)$ distribution	0.8
Signal model in $M(\psi(2S)\Lambda)$ distribution	1.1
Signal model in $M(K^+K^-)$ distribution	0.5
Data/simulation difference in Λ_b^0 resolution for the $\Lambda_b^0 \to \mathrm{J}/\psi\Lambda\phi$ decay	6.6
Data/simulation difference in Λ_b^0 resolution for the $\Lambda_b^0 \to \psi(2S)\Lambda$ decay	3.1
Data/simulation difference in ϕ resolution	1.4
Simulation sample size	2.9
Total systematic uncertainty	8.2