

Source of systematic uncertainty	Relative uncertainty (%)
S-wave fraction	3.1
Relative efficiency between P and S-wave	1.1
Simulation sample size	0.8
Fit model	0.6
Tracking efficiency	0.5
Hadronic interactions	0.3
Hardware trigger	1.1
Particle identification efficiency	0.3
$\mathcal{B}(\phi \rightarrow K^+ K^-)$	1.0
Quadratic sum of the above	3.8
Fragmentation fraction ratio ( $f_s/f_d$ )	5.8