

Source	$\Gamma_s$ [ps <sup>-1</sup> ]	$\Delta\Gamma_s$ [ps <sup>-1</sup> ]	$ A_\perp ^2$	$ A_0 ^2$	$\delta_\parallel$ [rad]	$\delta_\perp$ [rad]	$\phi_s$ [rad]	$ \lambda $
Stat. uncertainty	0.0048	0.016	0.0086	0.0061	+0.13 -0.21	0.22	0.091	0.031
Background subtraction	0.0041	0.002	–	0.0031	0.03	0.02	0.003	0.003
$B^0 \rightarrow J/\psi K^{*0}$ background	–	0.001	0.0030	0.0001	0.01	0.02	0.004	0.005
Ang. acc. reweighting	0.0007	–	0.0052	0.0091	0.07	0.05	0.003	0.020
Ang. acc. statistical	0.0002	–	0.0020	0.0010	0.03	0.04	0.007	0.006
Lower decay time acc. model	0.0023	0.002	–	–	–	–	–	–
Upper decay time acc. model	0.0040	–	–	–	–	–	–	–
Length and mom. scales	0.0002	–	–	–	–	–	–	–
Fit bias	–	–	0.0010	–	–	–	–	–
Decay time resolution offset	–	–	–	–	–	0.04	0.006	–
Quadratic sum of syst.	0.0063	0.003	0.0064	0.0097	0.08	0.08	0.011	0.022
Total uncertainties	0.0079	0.016	0.0107	0.0114	+0.15 -0.23	0.23	0.092	0.038