

| Source   | $C_f$ | $A_f^{\Delta\Gamma}$ | $A_{\bar{f}}^{\Delta\Gamma}$ | $S_f$ | $S_{\bar{f}}$ |
|--|-------|----------------------|------------------------------|-------|---------------|
| $\Delta m_s$   | 0.007 | 0.004                | 0.004                        | 0.108 | 0.103         |
| Detection asymmetry                                  | —     | 0.079                | 0.083                        | 0.006 | 0.007         |
| Multivariate fit                                     | 0.045 | 0.095                | 0.121                        | 0.088 | 0.112         |
| Flavour tagging                                      | 0.256 | 0.026                | 0.028                        | 0.012 | 0.070         |
| Decay-time resolution model                          | 0.195 | 0.002                | 0.003                        | 0.058 | 0.167         |
| Decay-time bias                                      | 0.062 | 0.027                | 0.046                        | 0.188 | 0.167         |
| Decay-time acceptance, $\Gamma_s$ , $\Delta\Gamma_s$ | 0.006 | 0.225                | 0.231                        | 0.003 | 0.003         |
| Decay-time acceptance ratios                         | 0.001 | 0.018                | 0.018                        | —     | —             |
| Neglecting correlations                              | 0.137 | 0.081                | 0.054                        | 0.135 | 0.043         |
| Total  | 0.358 | 0.273                | 0.285                        | 0.278 | 0.294         |