|                          | $f_0$  | $f_{||}$ | $\delta_{||}$ | $\delta_{\perp}$ | $A_0^{CP}$ | $A_{||}^{CP}$ | $A_{\perp}^{CP}$ |
|--------------------------|--------|----------|---------------|-------------------|-------------|--------------|-----------------|
| Fitted value             | 0.497  | 0.179    | -2.70         | 0.01              | -0.048      | 0.171        | -0.049          |
| Statistical uncertainties| 0.025  | 0.027    | 0.16          | 0.11              | 0.057       | 0.152        | 0.096           |
| Angular acceptance       | 0.018  | 0.008    | 0.02          | 0.01              | 0.009       | 0.017        | 0.008           |
| (simulation statistics)  |        |          |               |                   |             |              |                 |
| Angular acceptance       | 0.015  | 0.007    | 0.17          | 0.10              | 0.007       | —            | 0.015           |
| (data–simulation differences) |      |          |               |                   |             |              |                 |
| $C_{SP}$ factors         | —      | 0.001    | —             | —                 | 0.001       | 0.002        | 0.002           |
| D–wave contribution      | 0.004  | 0.003    | —             | —                 | 0.002       | 0.015        | 0.002           |
| Background angular model | 0.004  | 0.002    | 0.02          | 0.01              | 0.004       | $^{+0.012}_{-0.004}$ | 0.002 |
| Mass parameters and $B^0$ contamination |        |          |               |                   |             |              |                 |
| Mass–cos($\theta_\mu$) correlations | 0.007  | 0.006    | 0.07          | $^{+0.02}_{-0.04}$ | 0.014       | $^{+0.009}_{-0.012}$ | 0.016 |
| Fit bias                 | —      | 0.001    | 0.01          | 0.07              | 0.003       | 0.002        | 0.005           |
| Detection asymmetry      | —      | —        | —             | —                 | 0.005       | 0.005        | 0.006           |
| Production asymmetry     | —      | —        | —             | —                 | —           | —            | —               |
| Quadratic sum of systematic uncertainties | 0.025  | 0.013    | 0.19          | $^{+0.012}_{-0.013}$ | 0.020       | $^{+0.028}_{-0.027}$ | 0.025 |
| Total uncertainties      | 0.035  | 0.030    | 0.25          | $^{+0.016}_{-0.017}$ | 0.060       | 0.154        | 0.099           |