

Centrality	λ	R
0–10%	1.14 ± 0.29 (stat.) ± 0.18 (sys.)	6.02 ± 0.82 (stat.) ± 0.65 (sys.)
10–30%	0.82 ± 0.18 (stat.) ± 0.16 (sys.)	4.50 ± 0.51 (stat.) ± 0.45 (sys.)
30–50%	0.90 ± 0.22 (stat.) ± 0.19 (sys.)	3.61 ± 0.44 (stat.) ± 0.30 (sys.)

System	$\Re f_0$	$\Im f_0$	d_0
$\Lambda K^+ \text{ \& } \bar{\Lambda} K^-$	-0.60 ± 0.12 (stat.) ± 0.11 (sys.)	0.51 ± 0.15 (stat.) ± 0.12 (sys.)	0.83 ± 0.47 (stat.) ± 1.23 (sys.)
$\Lambda K^- \text{ \& } \bar{\Lambda} K^+$	0.27 ± 0.12 (stat.) ± 0.07 (sys.)	0.40 ± 0.11 (stat.) ± 0.07 (sys.)	-5.23 ± 2.13 (stat.) ± 4.80 (sys.)
$\Lambda K_S^0 \text{ \& } \bar{\Lambda} K_S^0$	0.10 ± 0.13 (stat.) ± 0.07 (sys.)	0.58 ± 0.15 (stat.) ± 0.13 (sys.)	-1.85 ± 1.71 (stat.) ± 2.77 (sys.)

Table 1: Extracted fit parameters. The errors marked as “stat.” are those returned by MINUIT, and those marked as “sys.” result from the systematic analysis.