

Parameter	Definition	Fitted value
$f_L$	$0.5( A_0 ^2/F_P +  \bar{A}_0 ^2/\bar{F}_P)$	$0.497 \pm 0.019 \pm 0.015$
$f_\perp$	$0.5( A_\perp ^2/F_P +  \bar{A}_\perp ^2/\bar{F}_P)$	$0.221 \pm 0.016 \pm 0.013$
$f_S(K\pi)$	$0.5( A_S^{K\pi} ^2 +  \bar{A}_S^{K\pi} ^2)$	$0.143 \pm 0.013 \pm 0.012$
$f_S(KK)$	$0.5( A_S^{KK} ^2 +  \bar{A}_S^{KK} ^2)$	$0.122 \pm 0.013 \pm 0.008$
$\delta_\perp$	$0.5(\arg A_\perp + \arg \bar{A}_\perp)$	$2.633 \pm 0.062 \pm 0.037$
$\delta_\parallel$	$0.5(\arg A_\parallel + \arg \bar{A}_\parallel)$	$2.562 \pm 0.069 \pm 0.040$
$\delta_S(K\pi)$	$0.5(\arg A_S^{K\pi} + \arg \bar{A}_S^{K\pi})$	$2.222 \pm 0.063 \pm 0.081$
$\delta_S(KK)$	$0.5(\arg A_S^{KK} + \arg \bar{A}_S^{KK})$	$2.481 \pm 0.072 \pm 0.048$
$A_0^{CP}$	$( A_0 ^2/F_P -  \bar{A}_0 ^2/\bar{F}_P)/( A_0 ^2/F_P +  \bar{A}_0 ^2/\bar{F}_P)$	$-0.003 \pm 0.038 \pm 0.005$
$A_\perp^{CP}$	$( A_\perp ^2/F_P -  \bar{A}_\perp ^2/\bar{F}_P)/( A_\perp ^2/F_P +  \bar{A}_\perp ^2/\bar{F}_P)$	$+0.047 \pm 0.074 \pm 0.009$
$\mathcal{A}_S(K\pi)^{CP}$	$( A_S^{K\pi} ^2 -  \bar{A}_S^{K\pi} ^2)/( A_S^{K\pi} ^2 +  \bar{A}_S^{K\pi} ^2)$	$+0.073 \pm 0.091 \pm 0.035$
$\mathcal{A}_S(KK)^{CP}$	$( A_S^{KK} ^2 -  \bar{A}_S^{KK} ^2)/( A_S^{KK} ^2 +  \bar{A}_S^{KK} ^2)$	$-0.209 \pm 0.105 \pm 0.012$
$\delta_\perp^{CP}$	$0.5(\arg A_\perp - \arg \bar{A}_\perp)$	$+0.062 \pm 0.062 \pm 0.005$
$\delta_\parallel^{CP}$	$0.5(\arg A_\parallel - \arg \bar{A}_\parallel)$	$+0.045 \pm 0.069 \pm 0.015$
$\delta_S(K\pi)^{CP}$	$0.5(\arg A_S^{K\pi} - \arg \bar{A}_S^{K\pi})$	$+0.062 \pm 0.062 \pm 0.022$
$\delta_S(KK)^{CP}$	$0.5(\arg A_S^{KK} - \arg \bar{A}_S^{KK})$	$+0.022 \pm 0.072 \pm 0.004$