

Results and correlations

$$\mathcal{A}_d^{KK} = -0.198^{+0.144}_{-0.145} {}^{+0.019}_{-0.020} \quad (1)$$

$$\mathcal{A}_d^{K\pi} = -0.032 \pm 0.041 {}^{+0.019}_{-0.020} \quad (2)$$

$$\mathcal{A}_d^{\pi\pi} = -0.092 \pm 0.217 \pm 0.019 \quad (3)$$

$$\mathcal{A}_s^{KK} = -0.044 \pm 0.073 {}^{+0.019}_{-0.020} \quad (4)$$

$$\mathcal{A}_s^{\pi K} = -0.014 \pm 0.025 \pm 0.019 \quad (5)$$

$$\mathcal{A}_s^{\pi\pi} = 0.064 {}^{+0.130}_{-0.131} {}^{+0.018}_{-0.019} \quad (6)$$

$$\mathcal{R}_d^{KK} = 1.054 {}^{+0.165}_{-0.153} \pm 0.044 \quad (7)$$

$$\mathcal{R}_d^{\pi\pi} = 1.214 {}^{+0.283}_{-0.252} \pm 0.053 \quad (8)$$

$$\mathcal{R}_d^- = 0.056 {}^{+0.032}_{-0.030} {}^{+0.009}_{-0.012} \quad (9)$$

$$\mathcal{R}_d^+ = 0.057 {}^{+0.029}_{-0.027} {}^{+0.009}_{-0.012} \quad (10)$$

$$\mathcal{R}_{ds}^{KK} = 0.103 {}^{+0.018}_{-0.016} \pm 0.009 \quad (11)$$

$$\mathcal{R}_{ds}^{\pi\pi} = 0.147 {}^{+0.040}_{-0.036} \pm 0.012 \quad (12)$$

Table 1: Statistical correlation coefficients between observables.

	A_d^{KK}	$A_d^{\pi\pi}$	A_s^{KK}	$A_s^{\pi K}$	$A_s^{\pi\pi}$	\mathcal{R}_d^{KK}	$\mathcal{R}_d^{\pi\pi}$	\mathcal{R}_d^+	\mathcal{R}_{ds}^{KK}	$\mathcal{R}_{ds}^{\pi\pi}$
A_d^{KK}	1	0.000	0.016	0.000	0.000	0.060	0.000	0.001	0.052	0.000
$A_d^{K\pi}$	1	0.000	0.000	0.000	0.000	0.008	0.006	0.091	0.000	0.000
$A_d^{\pi\pi}$	1	0.000	0.000	0.000	0.013	-0.001	0.009	0.000	0.000	0.008
A_s^{KK}	1	0.000	1	0.000	0.000	-0.002	0.000	0.000	-0.001	0.000
$A_s^{\pi K}$	1	0.000	1	0.000	0.000	0.000	0.000	-0.011	0.000	0.000
$A_s^{\pi\pi}$	1	0.000	1	0.000	0.000	0.000	0.000	0.000	0.000	-0.006
\mathcal{R}_d^{KK}	1	0.053	1	0.053	0.053	1	0.053	0.031	0.853	0.001
$\mathcal{R}_d^{\pi\pi}$	1	0.019	1	1	1	1	1	0.020	0.001	0.827
\mathcal{R}_d^+	1	-0.081	1	1	1	1	1	1	-0.007	-0.003
\mathcal{R}_{ds}^{KK}	1	0.006	1	1	1	1	1	1	0.006	0.003
$\mathcal{R}_{ds}^{\pi\pi}$	1	0.001	1	1	1	1	1	1	1	1

Table 2: Systematic correlation coefficients between observables.

	$\mathcal{A}_d^{K\pi}$	$\mathcal{A}_d^{\pi\pi}$	\mathcal{A}_s^{KK}	$\mathcal{A}_s^{\pi K}$	$\mathcal{A}_s^{\pi\pi}$	\mathcal{R}_d^{KK}	$\mathcal{R}_d^{\pi\pi}$	\mathcal{R}_d^-	\mathcal{R}_d^+	\mathcal{R}_{ds}^{KK}	$\mathcal{R}_{ds}^{\pi\pi}$
\mathcal{A}_d^{KK}	1										
$\mathcal{A}_d^{K\pi}$	0.995	0.997	0.963	0.962	0.960	0.759	0.789	0.084	0.081	0.056	0.055
$\mathcal{A}_d^{\pi\pi}$	1	0.998	0.969	0.970	0.968	0.745	0.779	0.008	0.008	0.049	0.050
\mathcal{A}_s^{KK}		1	0.961	0.962	0.958	0.749	0.778	0.044	0.045	0.054	0.054
$\mathcal{A}_s^{\pi K}$			1	0.999	0.994	0.771	0.805	0.020	0.020	0.039	0.037
$\mathcal{A}_s^{\pi\pi}$				1	0.995	0.765	0.800	0.011	0.010	0.038	0.036
\mathcal{R}_d^{KK}					1	0.767	0.806	0.014	0.013	0.041	0.040
$\mathcal{R}_d^{\pi\pi}$						1	0.994	0.218	0.226	0.061	0.050
\mathcal{R}_d^-							1	0.172	0.175	0.055	0.048
\mathcal{R}_d^+								1	0.997	0.104	0.075
\mathcal{R}_{ds}^{KK}									1	0.107	0.076
$\mathcal{R}_{ds}^{\pi\pi}$										1	0.999
\mathcal{R}_{ds}											1