$\Gamma(K^*(892)^0\overline{K}^0)/\Gamma(K^-\pi^+)$ Γ_{138}/Γ_{21}

Unseen decay modes of the $K^*(892)^0$ are included.

VALUE	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$0.00^{+0.04}_{-0.00}$	[73] ANJOS	91	E691	γ Be 80–240 GeV

[73] The factor 100 at the top of column 2 of Table I of ANJOS 91 should be omitted.

$\Gamma(K^*(892)^0\overline{K}^0)/\Gamma(\overline{K}^0\pi^+\pi^-)$ Γ_{138}/Γ_{23}

Unseen decay modes of the $K^*(892)^0$ are included.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.015	90	AMMAR	91	CLEO	$e^+e^- \approx$ 10.5 GeV

$\Gamma(K^*(892)^-K^+)/\Gamma(K^-\pi^+)$ Γ_{139}/Γ_{21}

Unseen decay modes of the $K^*(892)^-$ are included.

VALUE	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •				
$0.00^{+0.03}_{-0.00}$	[74] ANJOS	91	E691	γ Be 80–240 GeV

[74] The factor 100 at the top of column 2 of Table I of ANJOS 91 should be omitted.

$\Gamma(K^*(892)^-K^+)/\Gamma(\overline{K}^0\pi^+\pi^-)$ Γ_{139}/Γ_{23}

Unseen decay modes of the $K^*(892)^-$ are included.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.034 ± 0.019	12	AMMAR	91	CLEO	$e^+e^- \approx$ 10.5 GeV

$\Gamma(\overline{K}^0K^+\pi^-\text{nonresonant})/\Gamma(K^-\pi^+)$ Γ_{127}/Γ_{21}

VALUE	DOCUMENT ID		TECN	COMMENT
$\mathbf{0.10^{+0.06}_{-0.05}}$	[75] ANJOS	91	E691	γ Be 80–240 GeV

[75] The factor 100 at the top of column 2 of Table I of ANJOS 91 should be omitted.

$\Gamma(K^+K^-\pi^+\pi^-)/\Gamma(K^-\pi^+\pi^+\pi^-)$ Γ_{128}/Γ_{39}

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.029 ± 0.006 OUR AVERAGE					
0.0314 ± 0.010	89	AMMAR	91	CLEO	$e^+e^- \approx$ 10.5 GeV
$0.028\ ^{+0.008}_{-0.007}$		ANJOS	91	E691	γ Be 80–240 GeV

$\Gamma(\phi\pi^+\pi^-)/\Gamma_{\text{total}}$ Γ_{140}/Γ

Unseen decay modes of the ϕ are included.

VALUE	DOCUMENT ID		TECN	COMMENT
0.0026 ± 0.0007	[76] BARLAG	92C	ACCM	π^- Cu 230 GeV

[76] BARLAG 92C computes the branching fraction using topological normalization.

$\Gamma(\phi\pi^+\pi^-)/\Gamma(K^-\pi^+\pi^+\pi^-)$ Γ_{140}/Γ_{39}

Unseen decay modes of the ϕ are included.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
• • • We do not use the following data for averages, fits, limits, etc. • • •					
$0.0076^{+0.0066}_{-0.0049}$	3	[77] ANJOS	91	E691	γ Be 80–240 GeV

[77] This ANJOS 91 result is inconsistent with the higher-statistics result of AMMAR 91 on $\phi\rho^0$.

$\Gamma(\phi\rho^0)/\Gamma(K^-\pi^+\pi^+\pi^-)$ Γ_{141}/Γ_{39}

Unseen decay modes of the ϕ are included.

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.024 ± 0.006	34	[78] AMMAR	91	CLEO	$e^+e^- \approx$ 10.5 GeV

[78] The AMMAR 91 $\phi\pi^+\pi^-$ events are consistent with being entirely $\phi\rho^0$.

$\Gamma(K^*(892)^0K^-\pi^+ + \text{c.c.})/\Gamma(K^-\pi^+\pi^+\pi^-)$ Γ_{142}/Γ_{39}

Unseen decay modes of the $K^*(892)^0$ are included.

VALUE	DOCUMENT ID		TECN	COMMENT
$\mathbf{0.010^{+0.016}_{-0.010}}$	ANJOS	91	E691	γ Be 80–240 GeV

$\Gamma(K^*(892)^0\overline{K}^*(892)^0)/\Gamma(K^-\pi^+\pi^+\pi^-)$ Γ_{143}/Γ_{39}

Unseen decay modes of the $K^*(892)^0$ and $\overline{K}^*(892)^0$ are included.

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
$\mathbf{0.036^{+0.020}_{-0.016}}$		11	ANJOS	91	E691	γ Be 80–240 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •						
<0.033	90		[79] AMMAR	91	CLEO	$e^+e^- \approx$ 10.5 GeV

[79] A corrected value (G. Moneti, private communication).

$\Gamma(K^+K^-\pi^+\pi^-\text{non-}\phi)/\Gamma_{\text{total}}$ Γ_{133}/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
0.0017 ± 0.0005	[80] BARLAG	92C	ACCM	π^- Cu 230 GeV

[80] BARLAG 92C computes the branching fraction using topological normalization.

$\Gamma(K^+K^-\pi^+\pi^-\text{nonresonant})/\Gamma(K^-\pi^+\pi^+\pi^-)$ Γ_{134}/Γ_{39}

VALUE	DOCUMENT ID		TECN	COMMENT
$\mathbf{0.001\ ^{+0.011}_{-0.001}}$	ANJOS	91	E691	γ Be 80–240 GeV

$\Gamma(K^+K^-\pi^+\pi^-\pi^0)/\Gamma_{\text{total}}$ Γ_{135}/Γ

VALUE	DOCUMENT ID		TECN	COMMENT
0.0031 ± 0.0020	[81] BARLAG	92C	ACCM	π^- Cu 230 GeV

[81] BARLAG 92C computes the branching fraction using topological normalization.

Rare or forbidden modes

$\Gamma(K^+\pi^-)/\Gamma(K^-\pi^+)$ Γ_{144}/Γ_{21}

The measurements here cannot distinguish between doubly Cabibbo suppressed decay and/or $D^0\overline{D}^0$ mixing.

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
0.0077 ± 0.0025 ± 0.0025		19	CINABRO	94	CLEO	$e^+e^- \approx \Upsilon(4S)$
• • • We do not use the following data for averages, fits, limits, etc. • • •						
<0.011	90		AMMAR	91	CLEO	$e^+e^- \approx$ 10.5 GeV
<0.015	90	2	ANJOS	88C	E691	Photoproduction

$\Gamma(K^+\pi^-(\text{via }\overline{D}^0))/\Gamma(K^-\pi^+)$ Γ_{145}/Γ_{21}

This is a D^0-$\overline{D}^0$ mixing limit.

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
<0.0037	90	1	[82] ANJOS	88C	E691	Photoproduction
• • • We do not use the following data for averages, fits, limits, etc. • • •						
<0.014	90		ALBRECHT	87K	ARG	e^+e^- 10 GeV
<0.04	90		ABACHI	86D	HRS	e^+e^- 29 GeV
<0.07	90	0	[82] BAILEY	86	ACCM	π^- Be fixed target
<0.11	90	2	ALBRECHT	85F	ARG	e^+e^- 10 GeV
<0.081	90		[83] YAMAMOTO	85	DLCO	e^+e^- 29 GeV
<0.23	90		[83] ALTHOFF	84B	TASS	e^+e^- 34.4 GeV
<0.11	90		[83] AVERY	80	SPEC	$\gamma N \to D^{*+}$
<0.16	90		[83] FELDMAN	77B	MRK1	$D^{*+} \to D^0\pi^+$
<0.18	90		[83] GOLDHABER	77	MRK1	

[82] This measurement actually comes from combining results on $K^\pm\pi^\mp\pi^+\pi^-$ and $K^\pm\pi^\mp$ modes. See also the data block on $|m_{D_1^0} - m_{D_2^0}|$ near the beginning of the D^0 Listings.

[83] Results given as $\Gamma(K^+\pi^-)/[\Gamma(K^-\pi^+)+\Gamma(K^+\pi^-)]$ but do not change significantly for our denominator.

$\Gamma(K^+\pi^+\pi^-\pi^-)/\Gamma(K^-\pi^+\pi^+\pi^-)$ Γ_{146}/Γ_{39}

Doubly Cabibbo suppressed.

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
<0.018	90		AMMAR	91	CLEO	$e^+e^- \approx$ 10.5 GeV
<0.018	90	5	ANJOS	88C	E691	Photoproduction

$\Gamma(\mu^-\text{anything (via }\overline{D}^0))/\Gamma(\mu^+\text{anything})$ Γ_{147}/Γ_2

This is a D^0-$\overline{D}^0$ mixing limit. See the somewhat better limit above on $D^0 \to K^+\pi^-$ (via $\overline{D}^0$).

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.0056	90	LOUIS	86	SPEC	π^- W 225 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •					
<0.012	90	BENVENUTI	85	CNTR	μC, 200 GeV
<0.044	90	BODEK	82	SPEC	π^-, pFe $\to D^0$

$\Gamma(e^+e^-)/\Gamma_{\text{total}}$ Γ_{148}/Γ

A test for the $\Delta C = 1$ weak neutral current. Allowed by first-order weak interaction combined with electromagnetic interaction.

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
$<1.3 \times 10^{-4}$	90		ADLER	88	MRK3	e^+e^- 3.77 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •						
$<1.7 \times 10^{-4}$	90	7	[84] ALBRECHT	88G	ARG	e^+e^- 10 GeV
$<2.2 \times 10^{-4}$	90	8	[85] HAAS	88	CLEO	e^+e^- 10 GeV

[84] The branching ratios are normalized to $B(D^0 \to K^-\pi^+)$ using ADLER 88C.

[85] The branching ratios are normalized to $D^0 \to K^-\pi^+$, $D^+ \to K^-\pi^+\pi^+$, and $D^{*+} \to D^0\pi^+$ using ADLER 88C.

$\Gamma(\mu^+\mu^-)/\Gamma_{\text{total}}$ Γ_{149}/Γ

A test for the $\Delta C = 1$ weak neutral current. Allowed by first-order weak interaction combined with electromagnetic interaction.

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
$<1.1 \times 10^{-5}$	90		LOUIS	86	SPEC	π^- W 225 GeV
• • • We do not use the following data for averages, fits, limits, etc. • • •						
$<7.0 \times 10^{-5}$	90	3	[86] ALBRECHT	88G	ARG	e^+e^- 10 GeV
$<3.4 \times 10^{-4}$	90		AUBERT	85	EMC	Deep inelast. μ^- N

[86] The branching ratios are normalized to $B(D^0 \to K^-\pi^+)$, using ADLER 88C.

$\Gamma(\overline{K}^0e^+e^-)/\Gamma_{\text{total}}$ Γ_{150}/Γ

A test for the $\Delta C = 1$ weak neutral current. Allowed by first-order weak interaction combined with electromagnetic interaction.

VALUE	CL%	DOCUMENT ID		TECN	COMMENT
<0.0017	90	ADLER	89C	MRK3	e^+e^- 3.77 GeV