

CP-violation decay-rate asymmetries

$$A_{CP}(K^+ K^-) = 0.026 \pm 0.035$$

$$A_{CP}(\pi^+ \pi^-) = -0.05 \pm 0.08$$

$$A_{CP}(K_S^0 \phi) = -0.03 \pm 0.09$$

$$A_{CP}(K_S^0 \pi^0) = -0.018 \pm 0.030$$

$$A_{CP}(K^\pm \pi^\mp) = 0.02 \pm 0.20$$

\bar{D}^0 modes are charge conjugates of the modes below.

D⁰ DECAY MODES	Fraction (Γ_i/Γ)	Scale factor/ Confidence level	p (MeV/c)
Inclusive modes			
e^+ anything	(6.75±0.29) %		—
μ^+ anything	(6.6 ±0.8) %		—
K^- anything	(53 ±4) %	S=1.3	—
\bar{K}^0 anything + K^0 anything	(42 ±5) %		—
K^+ anything	(3.4 $^{+0.6}_{-0.4}$) %		—
η anything	[nn] < 13 %	CL=90%	—
Semileptonic modes			
$K^- \ell^+ \nu_\ell$	[oo] (3.47±0.17) %	S=1.3	867
$K^- e^+ \nu_e$	(3.64±0.18) %		867
$K^- \mu^+ \nu_\mu$	(3.22±0.17) %		863
$K^- \pi^0 e^+ \nu_e$	(1.6 $^{+1.3}_{-0.5}$) %		861
$\bar{K}^0 \pi^- e^+ \nu_e$	(2.8 $^{+1.7}_{-0.9}$) %		860
$\bar{K}^*(892)^- e^+ \nu_e$ × B($K^{*-} \rightarrow \bar{K}^0 \pi^-$)	(1.35±0.22) %		719
$K^- \pi^+ \pi^- \mu^+ \nu_\mu$	< 1.2 × 10 ⁻³	CL=90%	821
$(\bar{K}^*(892)\pi)^- \mu^+ \nu_\mu$	< 1.4 × 10 ⁻³	CL=90%	693
$\pi^- e^+ \nu_e$	(3.7 ±0.6) × 10 ⁻³		927
A fraction of the following resonance mode has already appeared above as a submode of a charged-particle mode.			
$K^*(892)^- e^+ \nu_e$	(2.02±0.33) %		719