Summary table of the 19 measured CP observables, defined in terms of B meson decay widths. Where indicated, CP represents an average of the $D \to K^+K^-$ and $D \to \pi^+\pi^-$ modes. The R observables represent partial width ratios and double ratios, where $R_{K/\pi}^{K\pi,\pi^0/\gamma}$ is an average over the $D^* \to D\pi^0$ and $D^* \to D\gamma$ modes. The A observables represent CP asymmetries.

Observable	Definition
$R_{K/\pi}^{K\pi}$	$\frac{\Gamma(B^-\to[K^-\pi^+]_D K^-)+\Gamma(B^+\to[K^+\pi^-]_D K^+)}{\Gamma(B^-\to[K^-\pi^+]_D \pi^-)+\Gamma(B^+\to[K^+\pi^-]_D \pi^+)}$
R^{KK}	$\frac{\Gamma(B^-\to[K^-K^+]_D K^-)+\Gamma(B^+\to[K^+K^-]_D K^+)}{\Gamma(B^-\to[K^-K^+]_D \pi^-)+\Gamma(B^+\to[K^+K^-]_D \pi^+)} \times \frac{1}{R_{K/\pi}^{K\pi}}$
$R^{\pi\pi}$	$\frac{\Gamma(B^-\to[\pi^-\pi^+]_D K^-)+\Gamma(B^+\to[\pi^+\pi^-]_D K^+)}{\Gamma(B^-\to[\pi^-\pi^+]_D \pi^-)+\Gamma(B^+\to[\pi^+\pi^-]_D \pi^+)} \times \frac{1}{R_{K/\pi}^{K\pi}}$
$A_K^{K\pi}$	$\frac{\Gamma(B^-\to[K^-\pi^+]_D K^-)-\Gamma(B^+\to[K^+\pi^-]_D K^+)}{\Gamma(B^-\to[K^-\pi^+]_D K^-)+\Gamma(B^+\to[K^+\pi^-]_D K^+)}$
A_K^{KK}	$\frac{\Gamma(B^-\to[K^-K^+]_D K^-)-\Gamma(B^+\to[K^+K^-]_D K^+)}{\Gamma(B^-\to[K^-K^+]_D K^-)+\Gamma(B^+\to[K^+K^-]_D K^+)}$
$A_K^{\pi\pi}$	$\frac{\Gamma(B^-\to[\pi^-\pi^+]_D K^-)-\Gamma(B^+\to[\pi^+\pi^-]_D K^+)}{\Gamma(B^-\to[\pi^-\pi^+]_D K^-)+\Gamma(B^+\to[\pi^+\pi^-]_D K^+)}$
A_π^{KK}	$\frac{\Gamma(B^-\to[K^-K^+]_D \pi^-)-\Gamma(B^+\to[K^+K^-]_D \pi^+)}{\Gamma(B^-\to[K^-K^+]_D \pi^-)+\Gamma(B^+\to[K^+K^-]_D \pi^+)}$
$A_\pi^{\pi\pi}$	$\frac{\Gamma(B^-\to[\pi^-\pi^+]_D \pi^-)-\Gamma(B^+\to[\pi^+\pi^-]_D \pi^+)}{\Gamma(B^-\to[\pi^-\pi^+]_D \pi^-)+\Gamma(B^+\to[\pi^+\pi^-]_D \pi^+)}$
$R_{K/\pi}^{K\pi,\pi^0/\gamma}$	$\frac{\Gamma(B^-\to([K^-\pi^+]_D\pi^0/\gamma)_{D^*} K^-)+\Gamma(B^+\to([K^+\pi^-]_D\pi^0/\gamma)_{D^*} K^+)}{\Gamma(B^-\to([K^-\pi^+]_D\pi^0/\gamma)_{D^*} \pi^-)+\Gamma(B^+\to([K^+\pi^-]_D\pi^0/\gamma)_{D^*} \pi^+)}$
R^{CP,π^0}	$\frac{\Gamma(B^-\to([CP]_D\pi^0)_{D^*} K^-)+\Gamma(B^+\to([CP]_D\pi^0)_{D^*} K^+)}{\Gamma(B^-\to([CP]_D\pi^0)_{D^*} \pi^-)+\Gamma(B^+\to([CP]_D\pi^0)_{D^*} \pi^+)} \times \frac{1}{R_{K/\pi}^{K\pi,\pi^0/\gamma}}$
$R^{CP,\gamma}$	$\frac{\Gamma(B^-\to([CP]_D\gamma)_{D^*} K^-)+\Gamma(B^+\to([CP]_D\gamma)_{D^*} K^+)}{\Gamma(B^-\to([CP]_D\gamma)_{D^*} \pi^-)+\Gamma(B^+\to([CP]_D\gamma)_{D^*} \pi^+)} \times \frac{1}{R_{K/\pi}^{K\pi,\pi^0/\gamma}}$
$A_K^{K\pi,\pi^0}$	$\frac{\Gamma(B^-\to([K^-\pi^+]_D\pi^0)_{D^*} K^-)-\Gamma(B^+\to([K^+\pi^-]_D\pi^0)_{D^*} K^+)}{\Gamma(B^-\to([K^-\pi^+]_D\pi^0)_{D^*} K^-)+\Gamma(B^+\to([K^+\pi^-]_D\pi^0)_{D^*} K^+)}$
$A_\pi^{K\pi,\pi^0}$	$\frac{\Gamma(B^-\to([K^-\pi^+]_D\pi^0)_{D^*} \pi^-)-\Gamma(B^+\to([K^+\pi^-]_D\pi^0)_{D^*} \pi^+)}{\Gamma(B^-\to([K^-\pi^+]_D\pi^0)_{D^*} \pi^-)+\Gamma(B^+\to([K^+\pi^-]_D\pi^0)_{D^*} \pi^+)}$
$A_K^{K\pi,\gamma}$	$\frac{\Gamma(B^-\to([K^-\pi^+]_D\gamma)_{D^*} K^-)-\Gamma(B^+\to([K^+\pi^-]_D\gamma)_{D^*} K^+)}{\Gamma(B^-\to([K^-\pi^+]_D\gamma)_{D^*} K^-)+\Gamma(B^+\to([K^+\pi^-]_D\gamma)_{D^*} K^+)}$
$A_\pi^{K\pi,\gamma}$	$\frac{\Gamma(B^-\to([K^-\pi^+]_D\gamma)_{D^*} \pi^-)-\Gamma(B^+\to([K^+\pi^-]_D\gamma)_{D^*} \pi^+)}{\Gamma(B^-\to([K^-\pi^+]_D\gamma)_{D^*} \pi^-)+\Gamma(B^+\to([K^+\pi^-]_D\gamma)_{D^*} \pi^+)}$
A_K^{CP,π^0}	$\frac{\Gamma(B^-\to([CP]_D\pi^0)_{D^*} K^-)-\Gamma(B^+\to([CP]_D\pi^0)_{D^*} K^+)}{\Gamma(B^-\to([CP]_D\pi^0)_{D^*} K^-)+\Gamma(B^+\to([CP]_D\pi^0)_{D^*} K^+)}$
A_π^{CP,π^0}	$\frac{\Gamma(B^-\to([CP]_D\pi^0)_{D^*} \pi^-)-\Gamma(B^+\to([CP]_D\pi^0)_{D^*} \pi^+)}{\Gamma(B^-\to([CP]_D\pi^0)_{D^*} \pi^-)+\Gamma(B^+\to([CP]_D\pi^0)_{D^*} \pi^+)}$
$A_K^{CP,\gamma}$	$\frac{\Gamma(B^-\to([CP]_D\gamma)_{D^*} K^-)-\Gamma(B^+\to([CP]_D\gamma)_{D^*} K^+)}{\Gamma(B^-\to([CP]_D\gamma)_{D^*} K^-)+\Gamma(B^+\to([CP]_D\gamma)_{D^*} K^+)}$
$A_\pi^{CP,\gamma}$	$\frac{\Gamma(B^-\to([CP]_D\gamma)_{D^*} \pi^-)-\Gamma(B^+\to([CP]_D\gamma)_{D^*} \pi^+)}{\Gamma(B^-\to([CP]_D\gamma)_{D^*} \pi^-)+\Gamma(B^+\to([CP]_D\gamma)_{D^*} \pi^+)}$

height