$$
\begin{aligned}
\mathcal{A}_{\rm CP}(B^0 \to K^+\pi^-) &= -0.083 \pm 0.013\ (stat.) \pm 0.003\ (syst.), \\
\mathcal{A}_{\rm CP}(B^0_s \to K^-\pi^+) &= +0.22 \pm 0.07\ (stat.) \pm 0.02\ (syst.), \\
\mathcal{A}_{\rm CP}(\Lambda^0_b \to p\pi^-) &= +0.07 \pm 0.07\ (stat.) \pm 0.03\ (syst.), \\
\mathcal{A}_{\rm CP}(\Lambda^0_b \to pK^-) &= -0.09 \pm 0.08\ (stat.) \pm 0.04\ (syst.)
\end{aligned}
$$

Mode	$\mathcal{N}$	Quantity	Measurement
$B^0 \to K^+\pi^-$ $\overline{B}^0 \to K^-\pi^+$	6348 ± 117 5313 ± 109	$\frac{\mathcal{B}(\overline{B}^0 \to K^-\pi^+) - \mathcal{B}(B^0 \to K^+\pi^-)}{\mathcal{B}(\overline{B}^0 \to K^-\pi^+) + \mathcal{B}(B^0 \to K^+\pi^-)}$	$-0.083 \pm 0.013 \pm 0.003$
$B_s^0 \to K^-\pi^+$ $\overline{B}_s^0 \to K^+\pi^-$	354 ± 46 560 ± 51	$\frac{\mathcal{B}(\overline{B}_s^0 \to K^+\pi^-) - \mathcal{B}(B_s^0 \to K^-\pi^+)}{\mathcal{B}(\overline{B}_s^0 \to K^+\pi^-) + \mathcal{B}(B_s^0 \to K^-\pi^+)}$	$+0.22 \pm 0.07 \pm 0.02$
$\Lambda_b^0 \to p\pi^-$ $\overline{\Lambda}_b^0 \to \overline{p}\pi^+$	242 ± 24 206 ± 23	$\frac{\mathcal{B}(\Lambda_b^0 \to p\pi^-) - \mathcal{B}(\overline{\Lambda}_b^0 \to \overline{p}\pi^+)}{\mathcal{B}(\Lambda_b^0 \to p\pi^-) + \mathcal{B}(\overline{\Lambda}_b^0 \to \overline{p}\pi^+)}$	$+0.07 \pm 0.07 \pm 0.03$
$\Lambda_b^0 \to pK^-$ $\overline{\Lambda}_b^0 \to \overline{p}K^+$	271 ± 30 324 ± 31	$\frac{\mathcal{B}(\Lambda_b^0 \to pK^-) - \mathcal{B}(\overline{\Lambda}_b^0 \to \overline{p}K^+)}{\mathcal{B}(\Lambda_b^0 \to pK^-) + \mathcal{B}(\overline{\Lambda}_b^0 \to \overline{p}K^+)}$	$-0.09 \pm 0.08 \pm 0.04$

Table 1: Direct CP asymmetries. The first quoted uncertainty is statistical, the second is systematic. $\mathcal{N}$ is the number of fitted events for each mode.

Quantity	Measurement
$\frac{\mathcal{B}(\overline{B}^0 \to K^-\pi^+) - \mathcal{B}(B^0 \to K^+\pi^-)}{\mathcal{B}(\overline{B}^0 \to K^-\pi^+) + \mathcal{B}(B^0 \to K^+\pi^-)}$	$\mathcal{A}_{\rm CP}(B^0 \to K^+\pi^-) = -0.083 \pm 0.013 \pm 0.003$
$\frac{\mathcal{B}(\overline{B}_s^0 \to K^+\pi^-) - \mathcal{B}(B_s^0 \to K^-\pi^+)}{\mathcal{B}(\overline{B}_s^0 \to K^+\pi^-) + \mathcal{B}(B_s^0 \to K^-\pi^+)}$	$\mathcal{A}_{\rm CP}(B_s^0 \to K^-\pi^+) = +0.22 \pm 0.07 \pm 0.02$
$\frac{\mathcal{B}(\Lambda_b^0 \to p\pi^-) - \mathcal{B}(\overline{\Lambda}_b^0 \to \overline{p}\pi^+)}{\mathcal{B}(\Lambda_b^0 \to p\pi^-) + \mathcal{B}(\overline{\Lambda}_b^0 \to \overline{p}\pi^+)}$	$\mathcal{A}_{\rm CP}(\Lambda_b^0 \to p\pi^-) = +0.07 \pm 0.07 \pm 0.03$
$\frac{\mathcal{B}(\Lambda_b^0 \to pK^-) - \mathcal{B}(\overline{\Lambda}_b^0 \to \overline{p}K^+)}{\mathcal{B}(\Lambda_b^0 \to pK^-) + \mathcal{B}(\overline{\Lambda}_b^0 \to \overline{p}K^+)}$	$\mathcal{A}_{\rm CP}(\Lambda_b^0 \to pK^-) = -0.09 \pm 0.08 \pm 0.04$

Table 2: Direct CP asymmetries. The first quoted uncertainty is statistical, the second is systematic. $\mathcal{N}$ is the number of fitted events for each mode.