

| Mode | $\epsilon_{B_c^+ \rightarrow J/\psi X}^{\text{DS1}}$ [%] | $\epsilon_{B_c^+ \rightarrow J/\psi X}^{\text{DS1\&2}}$ [%] |
|---|--|---|
| $B_c^+ \rightarrow J/\psi D_s^+$ | 0.971 ± 0.012 | 1.163 ± 0.013 |
| $B_c^+ \rightarrow J/\psi D_s^{*+}, A_{00}$ | 0.916 ± 0.012 | 1.088 ± 0.012 |
| $B_c^+ \rightarrow J/\psi D_s^{*+}, A_{\pm\pm}$ | 0.868 ± 0.010 | 1.049 ± 0.011 |
| $B_c^+ \rightarrow J/\psi \pi^+$ | 2.169 ± 0.018 | — |