

| Binning   | Change in $A_{CP}$ ( $\times 10^{-4}$ ) |
|---|---|
| No binning  | $8.3 \pm 3.7$                           |
| 12 bins ( $3 \times D_{(s)}^+ p_T, 4 \times D_{(s)}^+ \eta$ )   | $0.6 \pm 1.7$                           |
| 48 bins ( $8 \times D_{(s)}^+ p_T, 6 \times D_{(s)}^+ \eta$ )   | $-2.9 \pm 1.1$                          |
| 192 bins ( $2 \times \pi^+ p, 8 \times \pi^+ \phi, 4 \times D_{(s)}^+ p_T, 3 \times D_{(s)}^+ \eta$ )                         | $-2.4 \pm 1.1$                          |
| 180 bins ( $3 \times \pi^+ p_T, 5 \times \pi^+ \eta, 4 \times D_{(s)}^+ p_T, 3 \times D_{(s)}^+ \eta$ )                       | $3.5 \pm 2.6$                           |
| 1440 bins ( $3 \times \pi^+ p_T, 5 \times \pi^+ \eta, 8 \times \pi^+ \phi, 4 \times D_{(s)}^+ p_T, 3 \times D_{(s)}^+ \eta$ ) | $2.5 \pm 1.6$                           |