

$$\begin{aligned}
A_{UT}^{Collins} &\propto \delta q \otimes H_1^\perp \\
A_{UT}^{Sivers} &\propto f_{1T}^\perp \otimes D_1 \\
A_{UT}^{Pretz} &\propto h_{1T}^\perp \otimes H_1^\perp
\end{aligned}$$