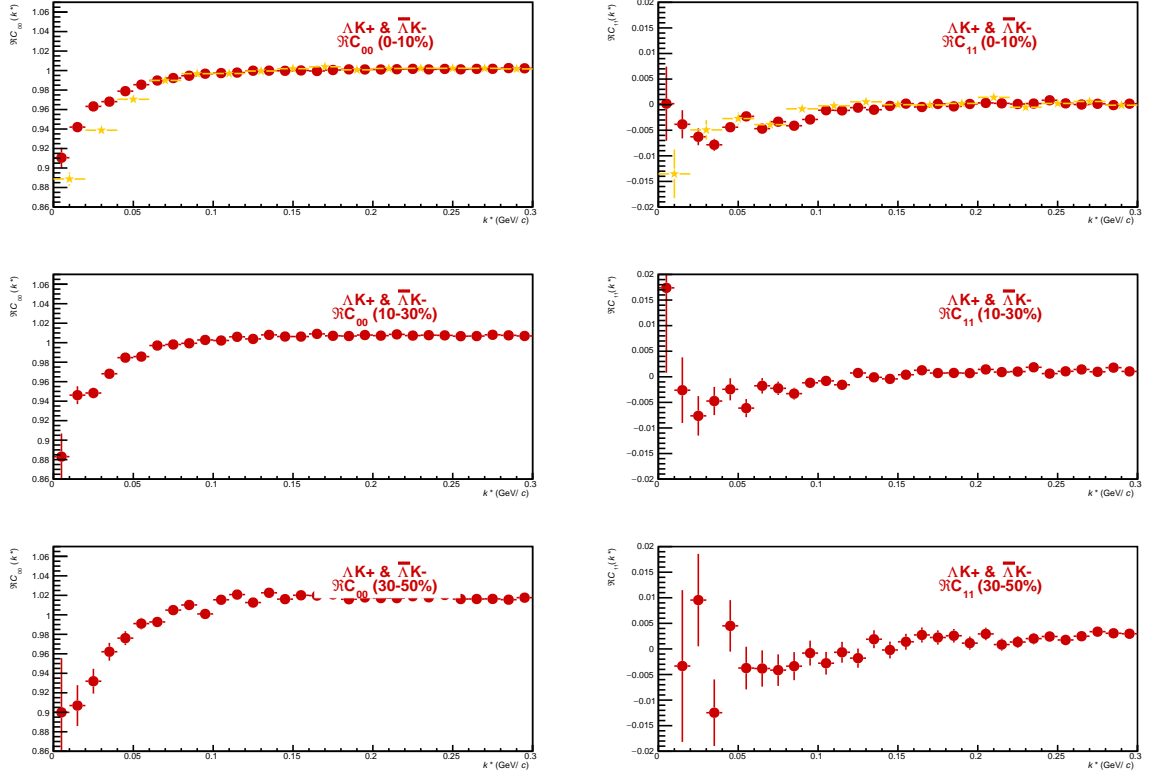
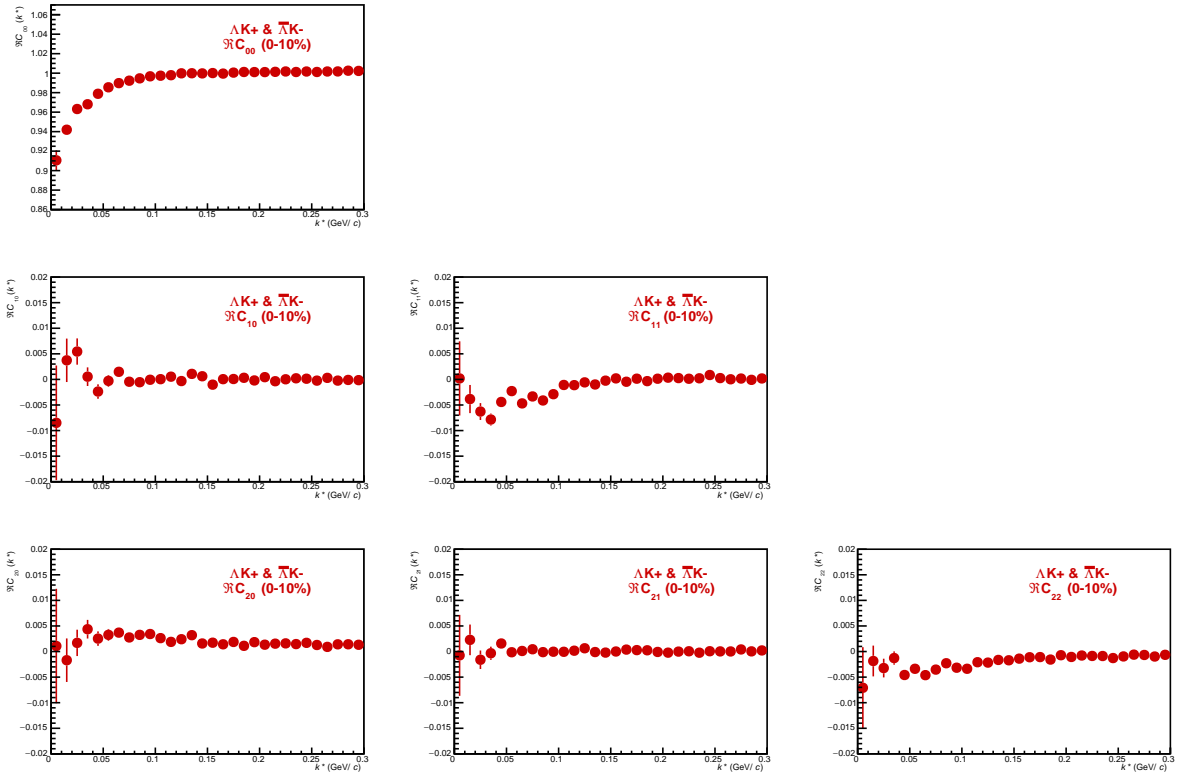
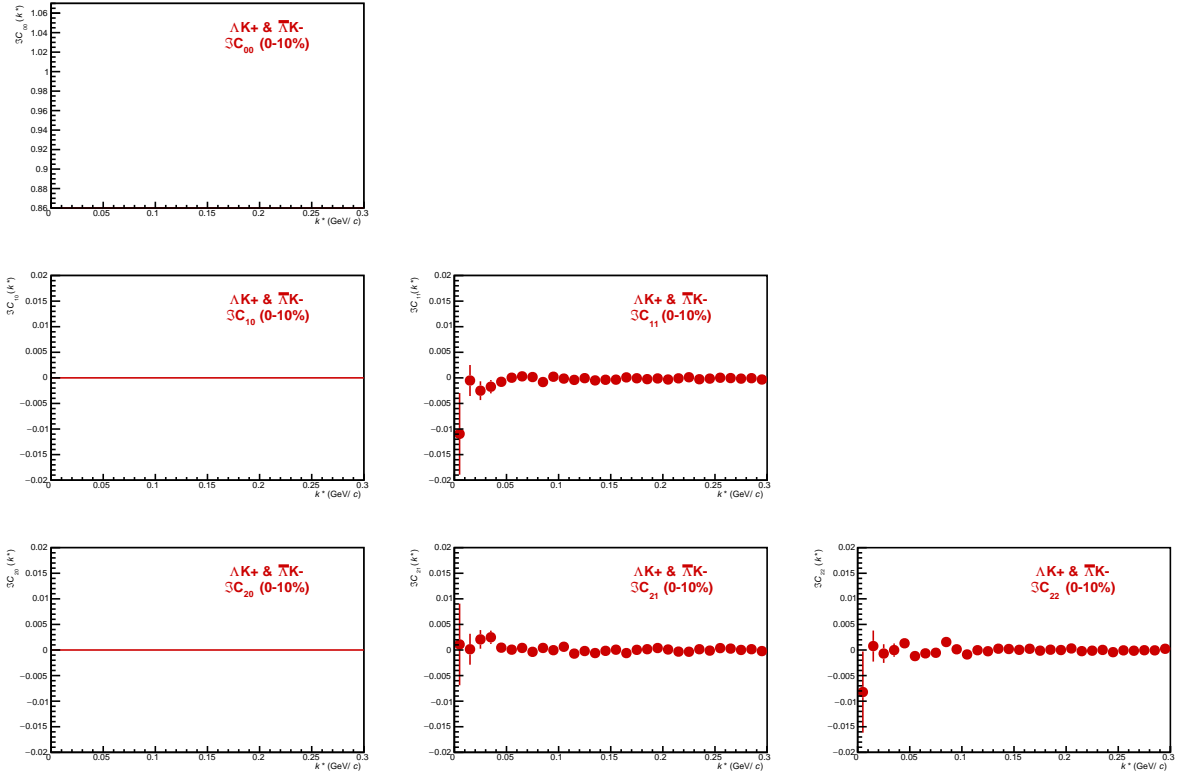


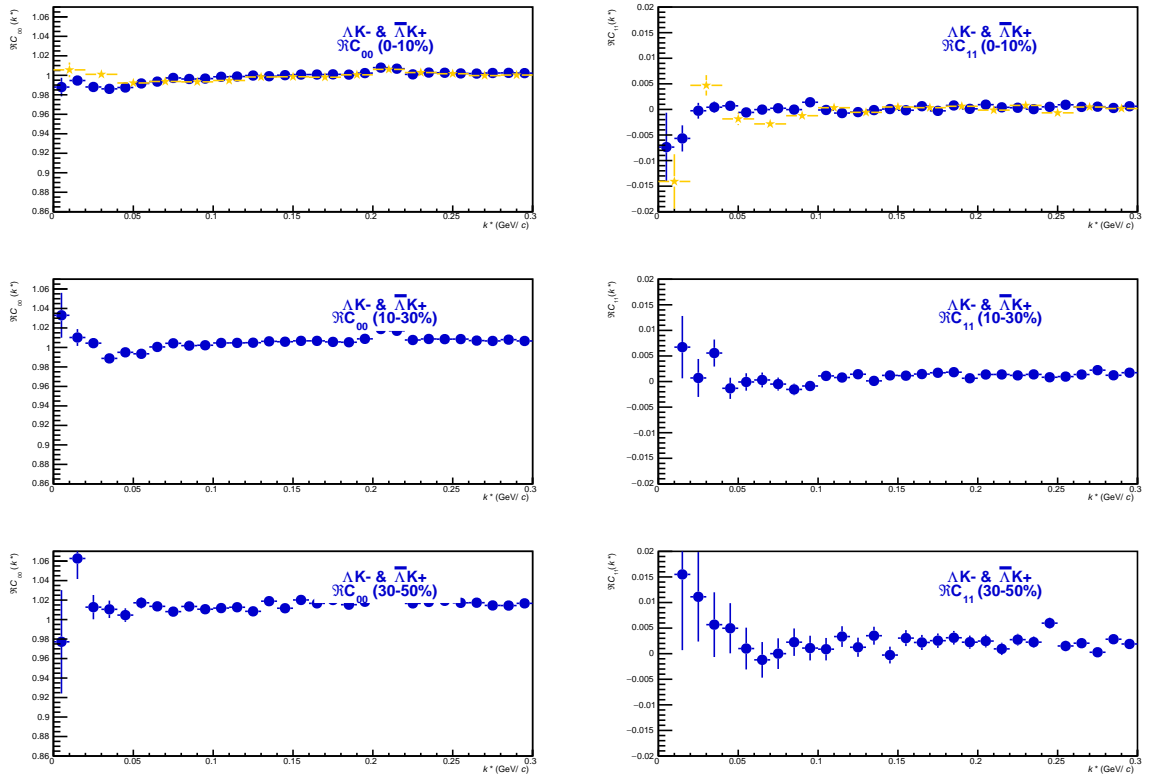
## 0.1 Spherical Harmonics



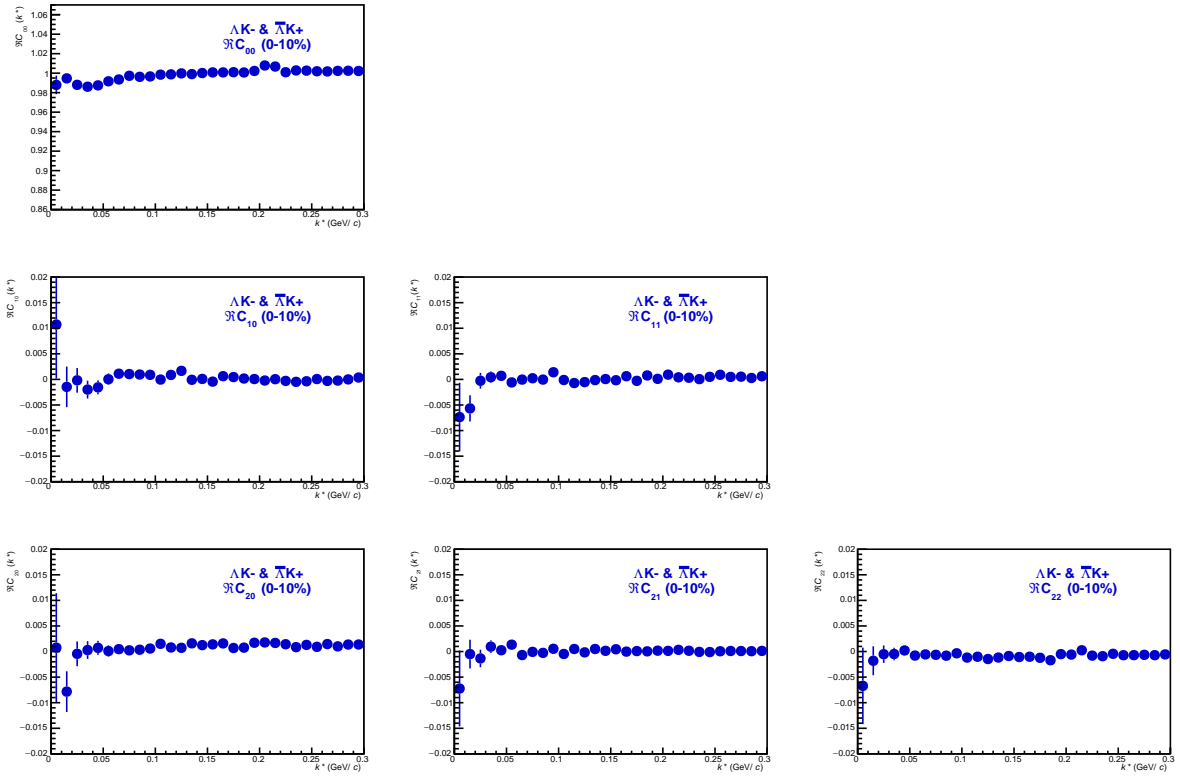
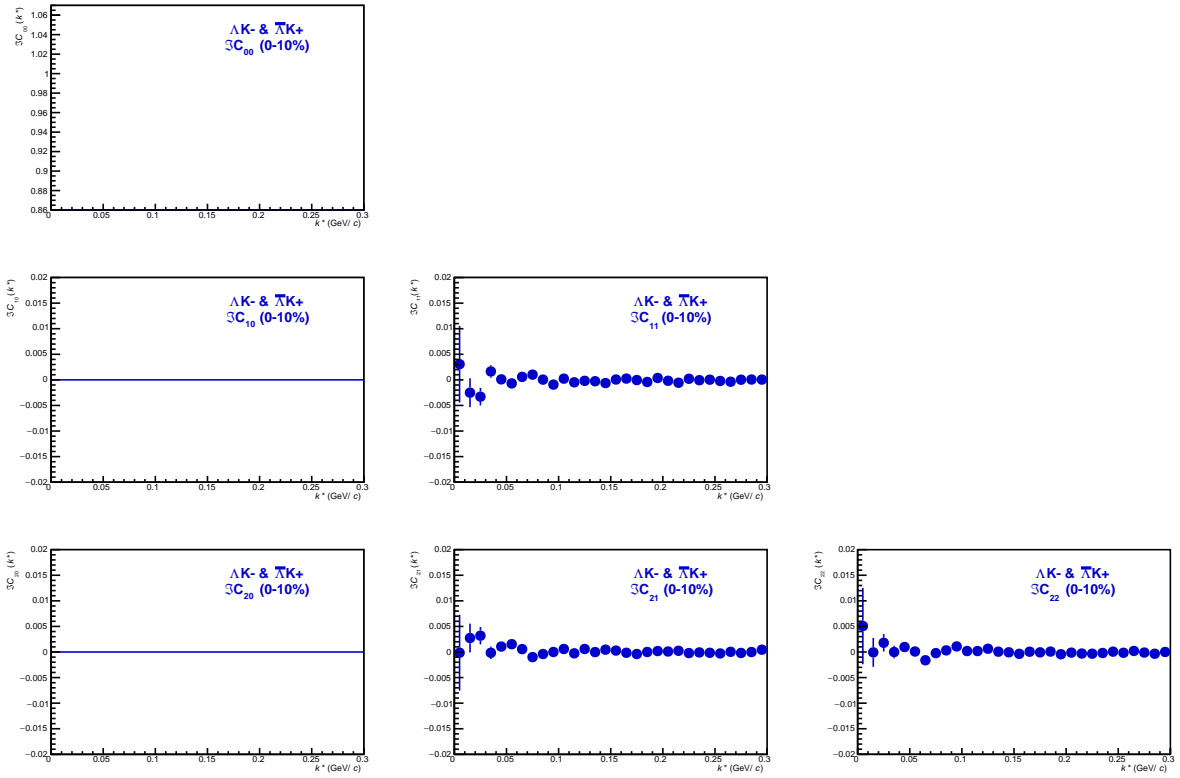
**Fig. 1:**  $C_{00}$  (left) and  $\Im C_{11}$  (right) components of a spherical harmonic decomposition of the  $\Lambda K^+$  correlation function for the 0-10% (top), 10-30% (middle), and 30-50% (bottom) centrality bins

(a) Real components,  $\Re C_{lm}$ (b) Imaginary components,  $\Im C_{lm}$ 

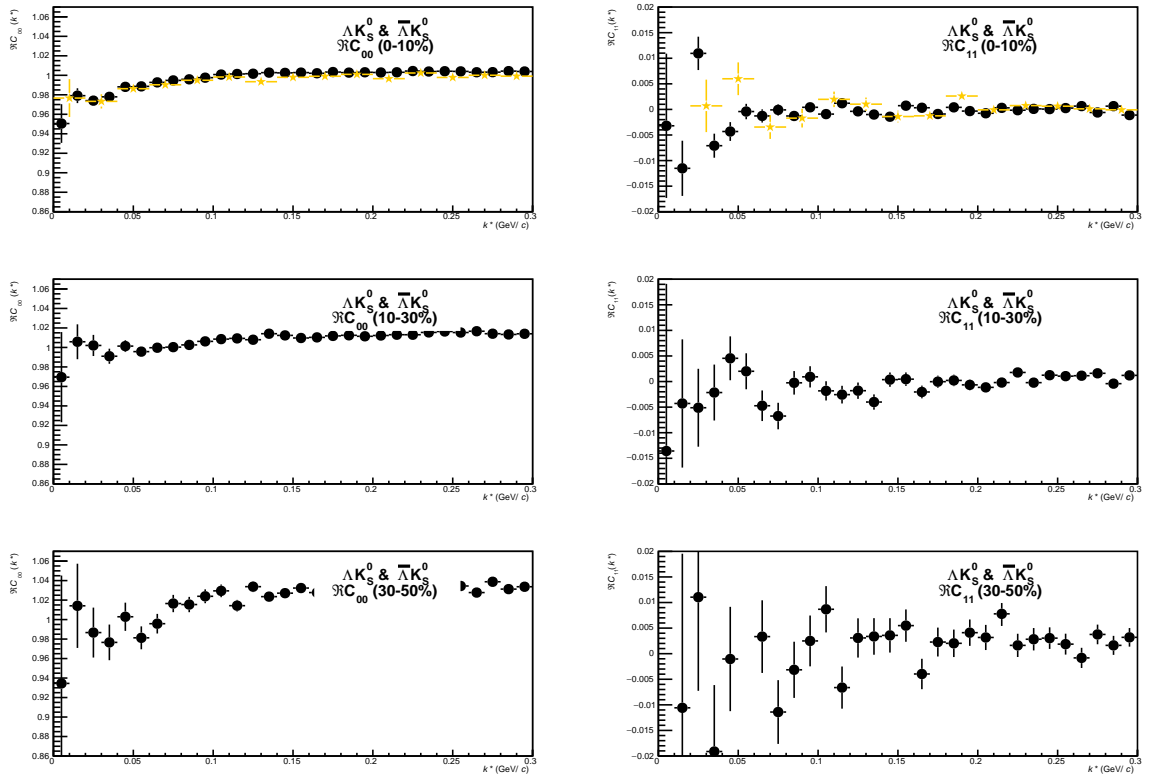
**Fig. 2:** First six components ( $C_{00}, C_{10}, C_{11}, C_{20}, C_{21}, C_{22}$ ) of the spherical harmonic decomposition of the  $\Lambda K^+$  correlation function for the 0-10% centrality bin. Note,  $\Im C_{00}$ ,  $\Im C_{10}$ , and  $\Im C_{20}$  are zero by definition.



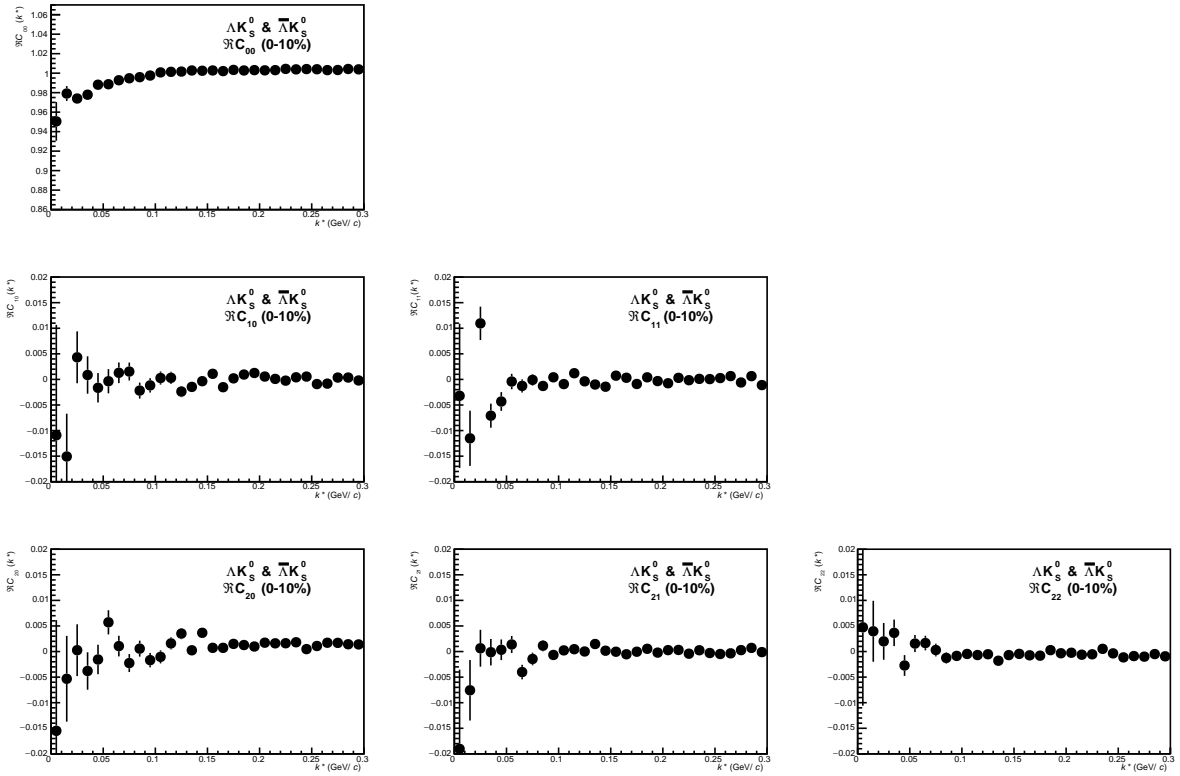
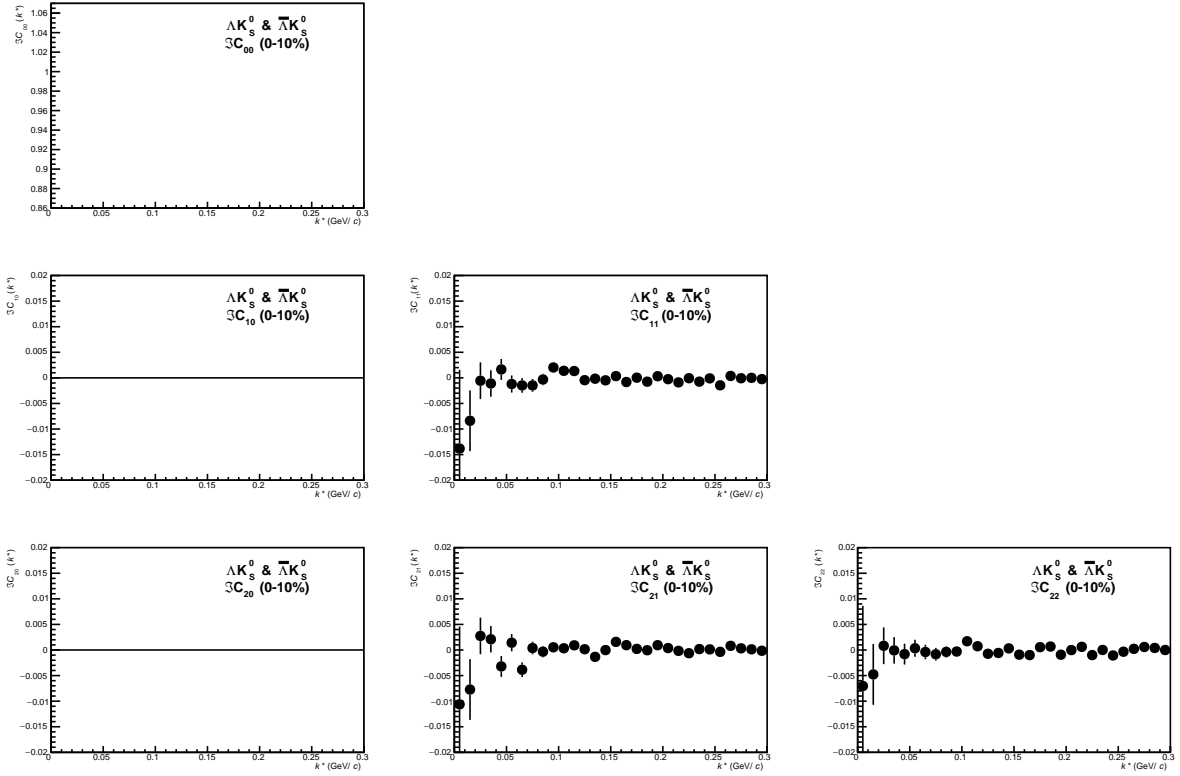
**Fig. 3:**  $C_{00}$  (left) and  $C_{11}$  (right) components of a spherical harmonic decomposition of the  $\Lambda K^-$  correlation function for the 0-10% (top), 10-30% (middle), and 30-50% (bottom) centrality bins

(a) Real components,  $\Re C_{lm}$ (b) Imaginary components,  $\Im C_{lm}$ 

**Fig. 4:** First six components ( $C_{00}, C_{10}, C_{11}, C_{20}, C_{21}, C_{22}$ ) of the spherical harmonic decomposition of the  $\Lambda K^-$  correlation function for the 0-10% centrality bin. Note,  $\Im C_{00}$ ,  $\Im C_{10}$ , and  $\Im C_{20}$  are zero by definition.



**Fig. 5:**  $C_{00}$  (left) and  $\Re C_{11}$  (right) components of a spherical harmonic decomposition of the  $\Lambda K_S^0$  correlation function for the 0-10% (top), 10-30% (middle), and 30-50% (bottom) centrality bins

(a) Real components,  $\Re C_{lm}$ (b) Imaginary components,  $\Im C_{lm}$ 

**Fig. 6:** First six components ( $C_{00}, C_{10}, C_{11}, C_{20}, C_{21}, C_{22}$ ) of the spherical harmonic decomposition of the  $\Lambda K_S^0$  correlation function for the 0-10% centrality bin. Note,  $\Im C_{00}$ ,  $\Im C_{10}$ , and  $\Im C_{20}$  are zero by definition.