

Correlations for  $\langle \hat{\kappa} \hat{\kappa} \rangle - \langle \kappa \kappa \rangle - \hat{N}$  (Top Left) and  $\langle \hat{\kappa} \hat{\kappa} \rangle - \langle \kappa \kappa \rangle - N_{\text{theory}}$  (Bottom Right)

