Correlations for  $\langle \hat{\kappa} \hat{\kappa} \rangle - \hat{N}$  (Blue) and  $\langle \kappa \kappa \rangle_{\text{data}}$  (Purple) 7623-6464 -5375 -4468-3715-3089-2568-2135-1776-1476 -1227-1020 -848-705-587-487-406-336-278-233-193-161 -135-111 -92-75-64-54-40-36-0.2 0.6 0.8 0.4 1.0 0.0  $|\rho|$