

Correlations for  $\langle (\mathcal{Q}(T^0, T^1) + \mathcal{Q}(T^1, T^0))\kappa \rangle + N^{(1)} + \dots$  (Top Left) and  $\langle \hat{\kappa}\hat{\kappa} \rangle - \hat{N}$  (Bottom Right)

