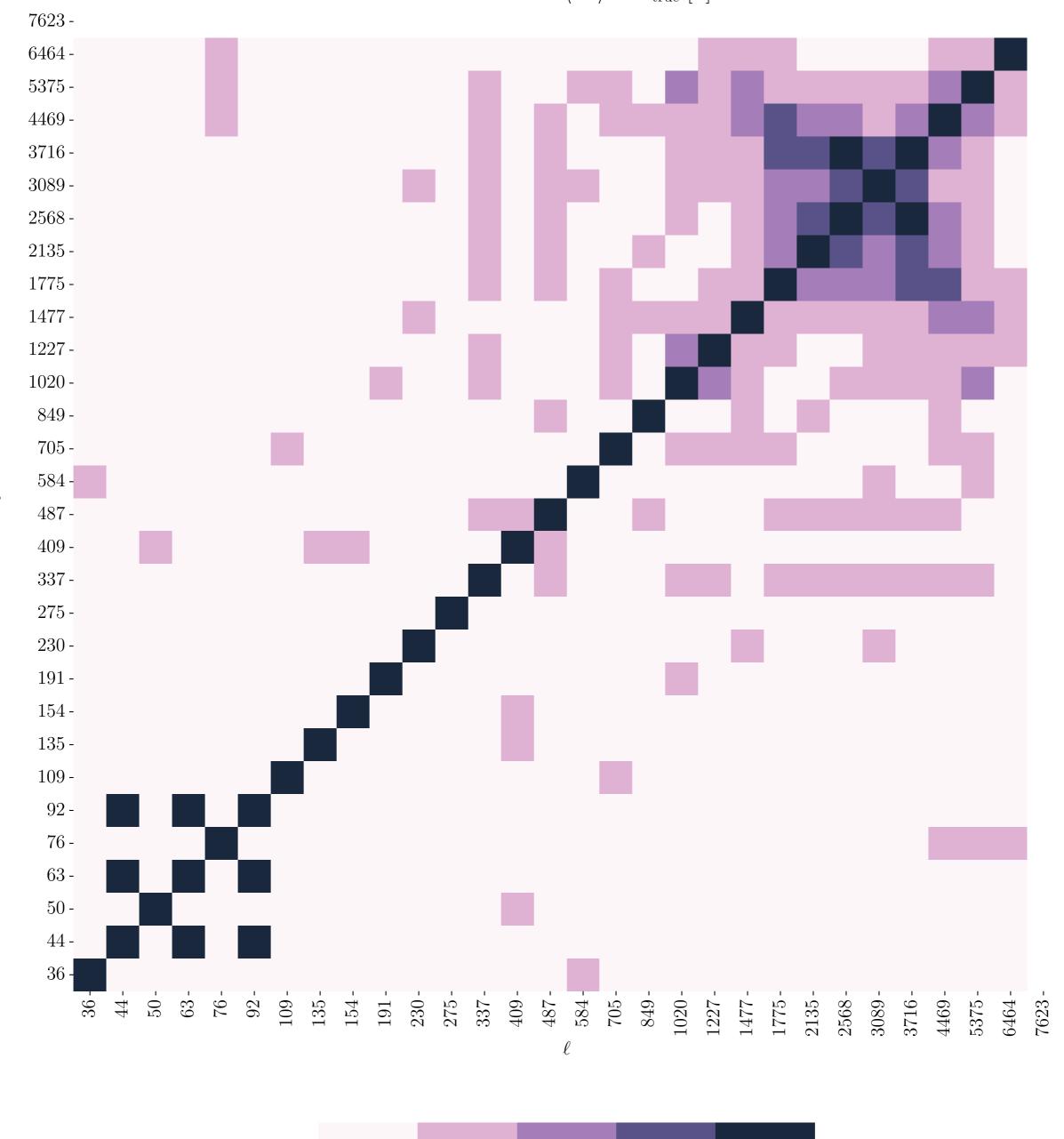Correlation for $\langle \hat{\kappa}\hat{\kappa} \rangle - N_{\text{true}}$ [L]