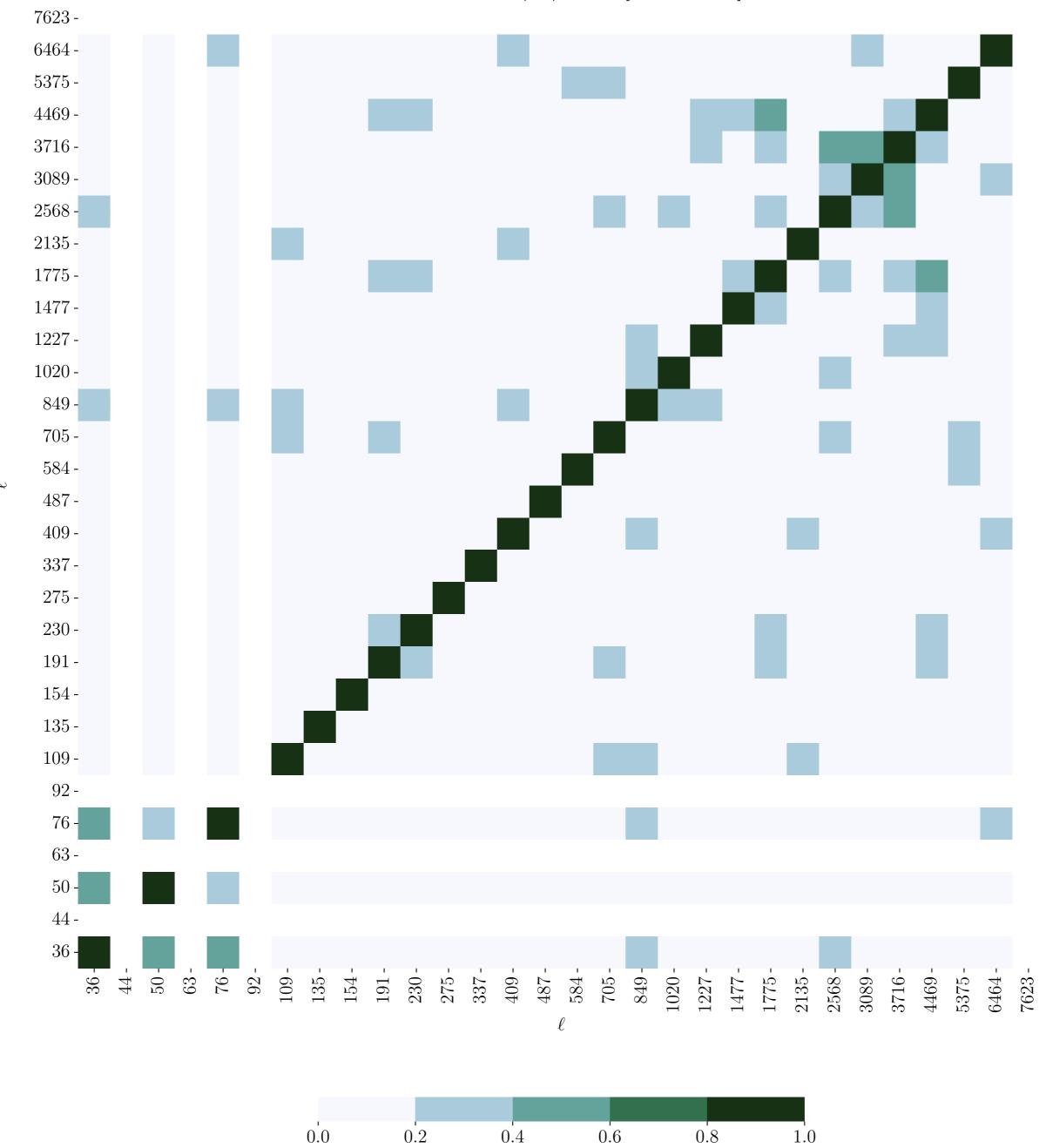Correlation for $\langle \hat{\kappa}\hat{\kappa} \rangle - \hat{N}_R$ [L+M+MFS]