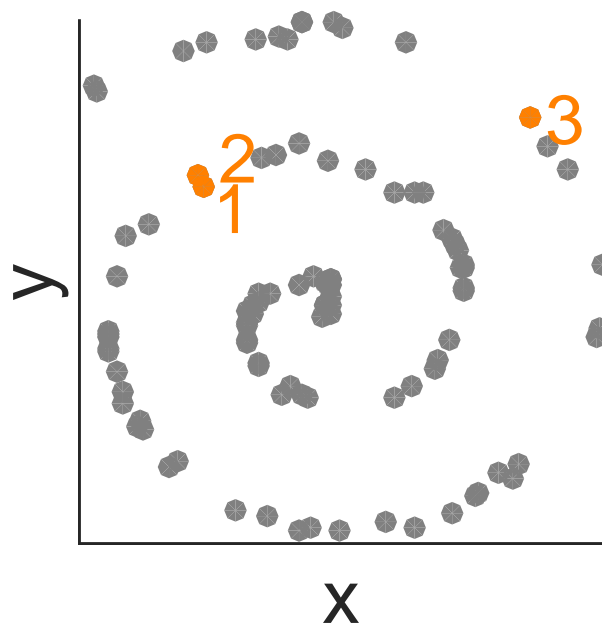
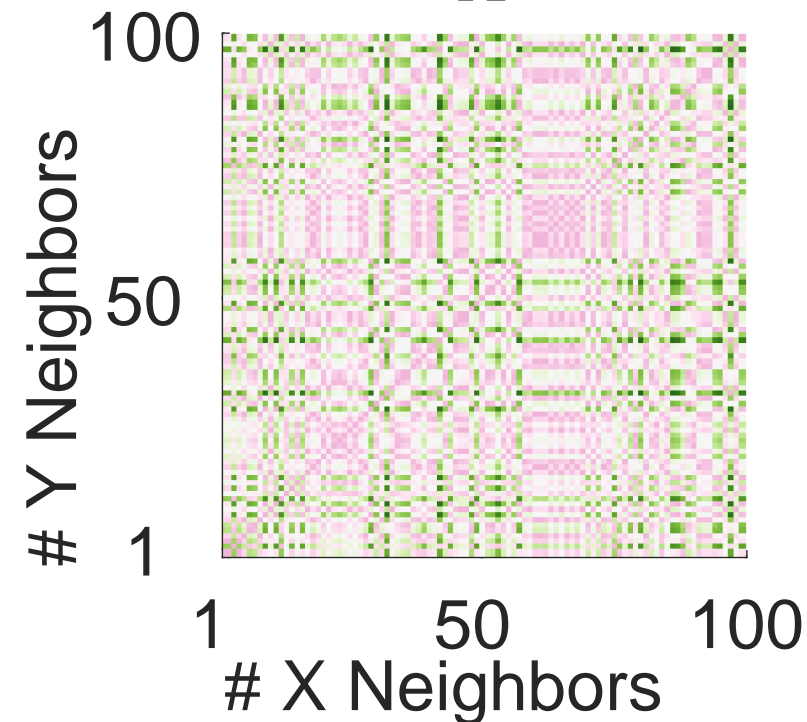


0. Sample Data

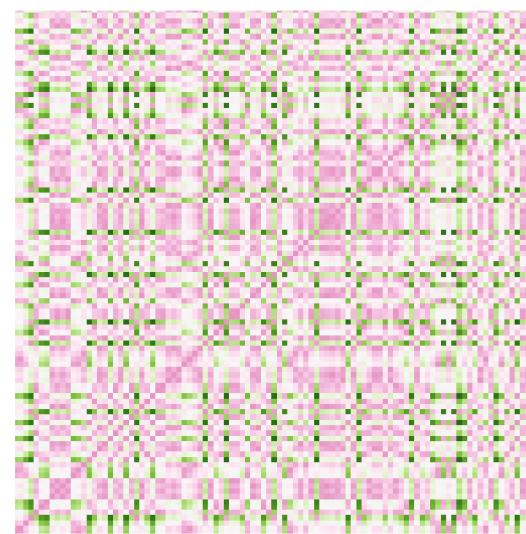


1. Mantel (pairwise distances)

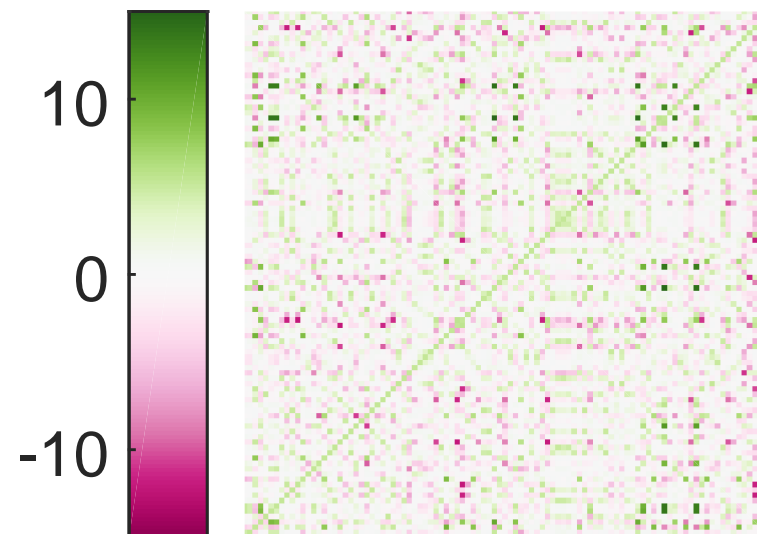
\tilde{A}



\tilde{B}

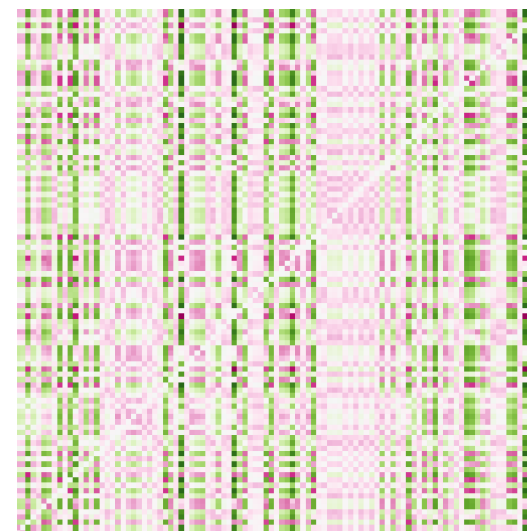


$$\tilde{C} = \tilde{A} \circ \tilde{B}$$

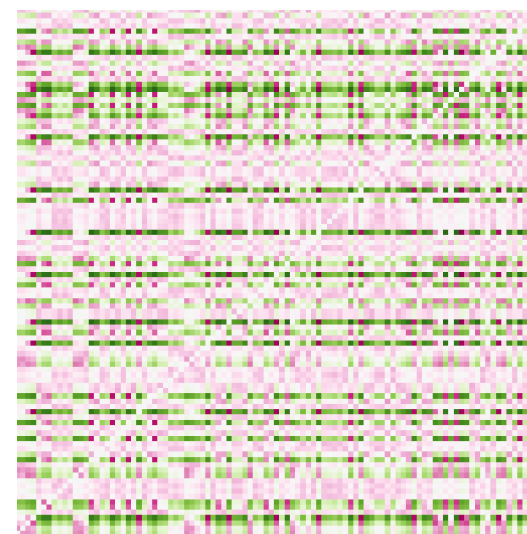


2. Mcorr (single center)

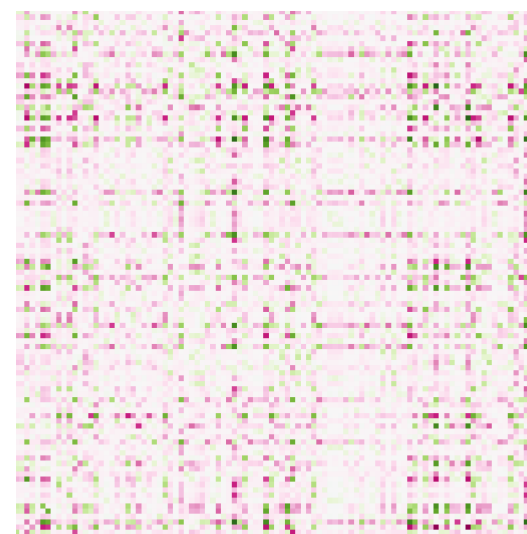
A



B



$$C = A \circ B$$

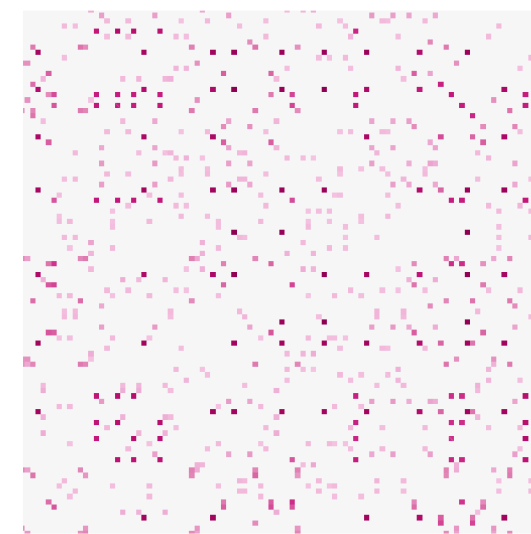


3. MGC^{k,l} (local scale)

A^k



B^l

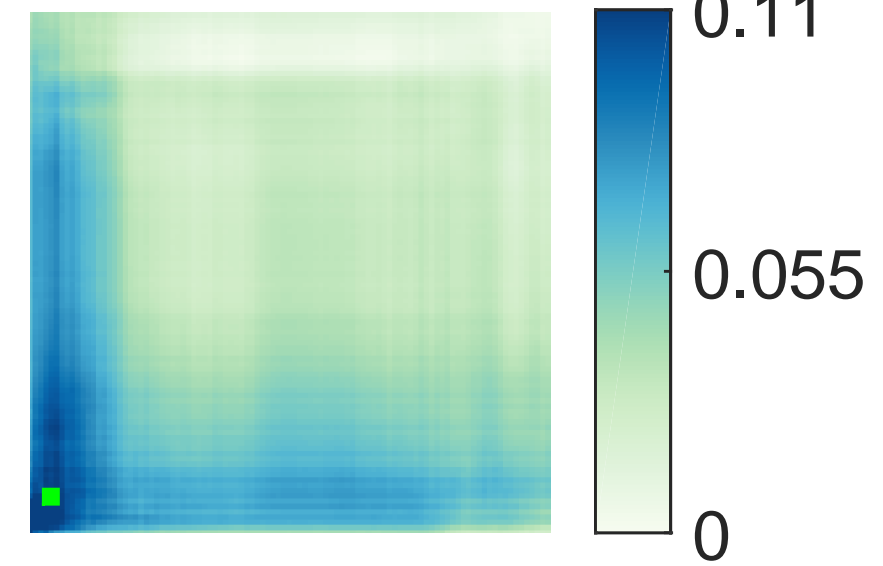


$$C^{kl} = A^k \circ B^l$$

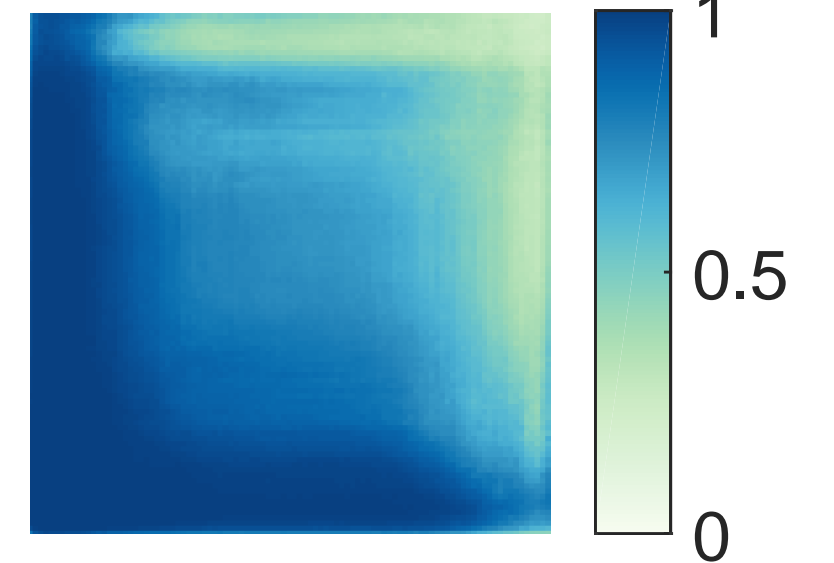


4. Multiscale Maps (all scales)

Test Statistics



Powers



P-Values

