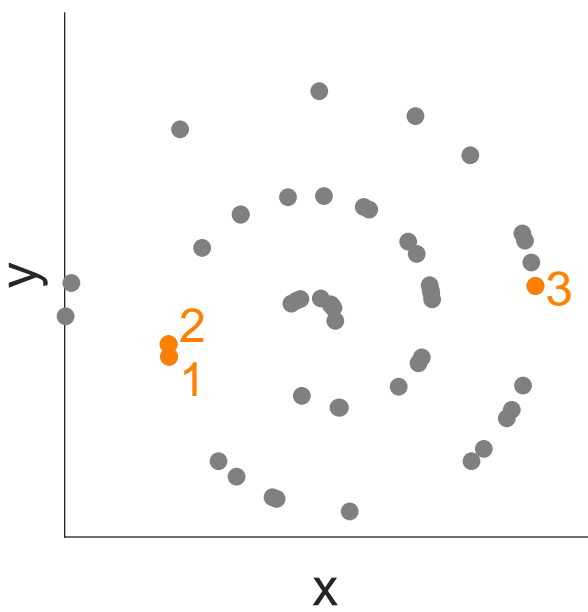
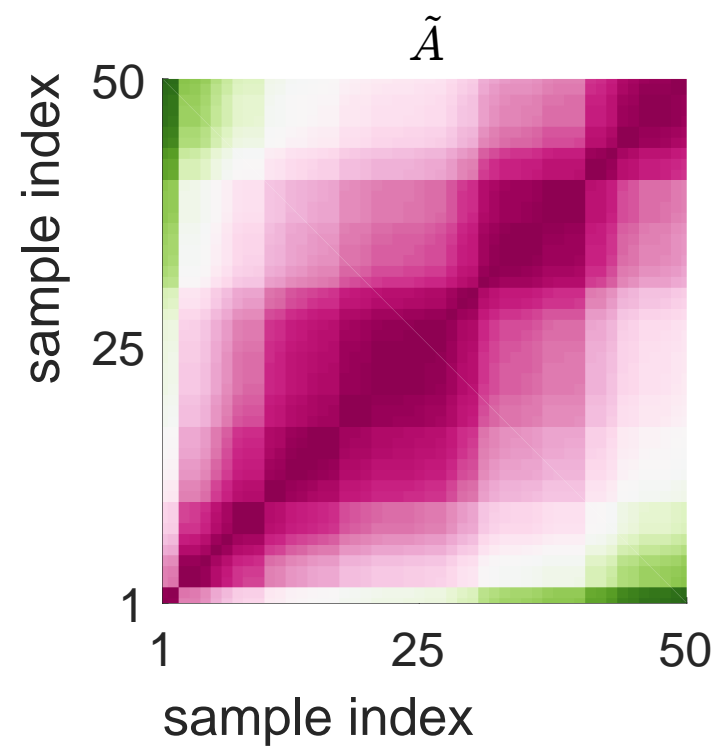


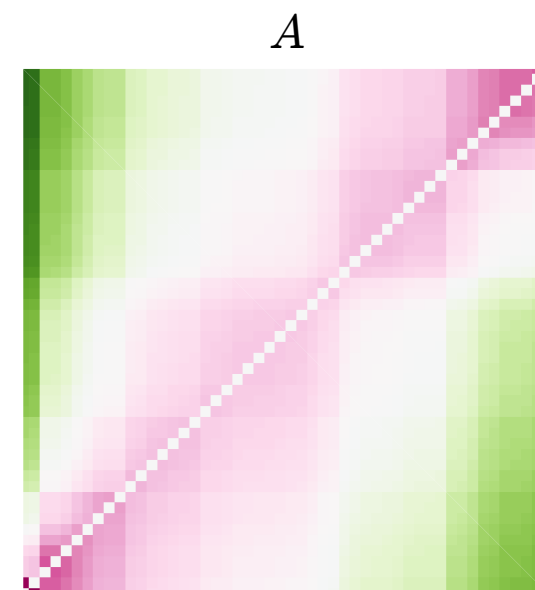
## 0. Sample Data



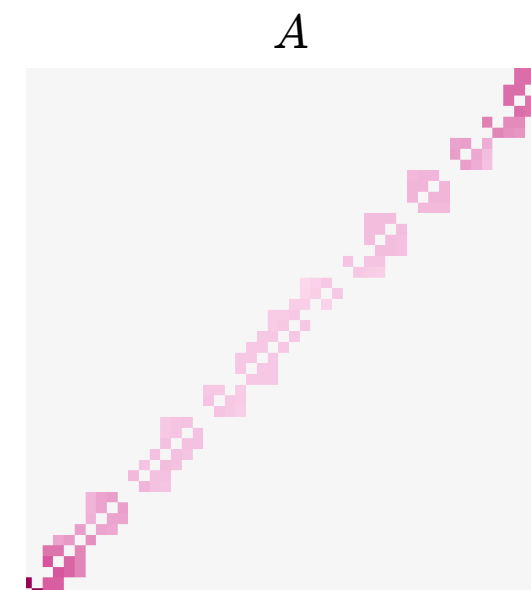
## 1. Mantel (pairwise distances)



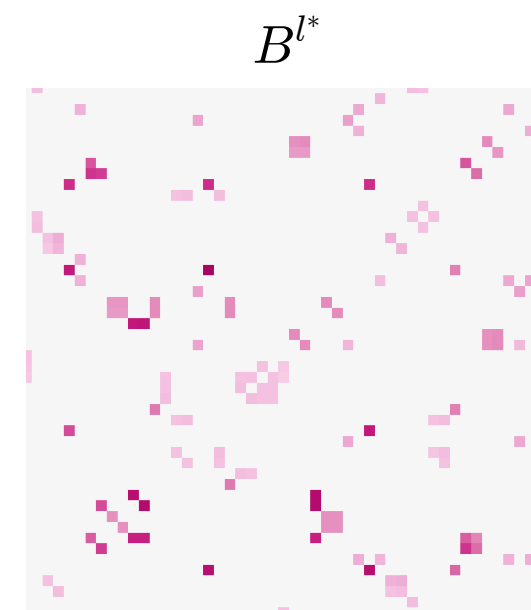
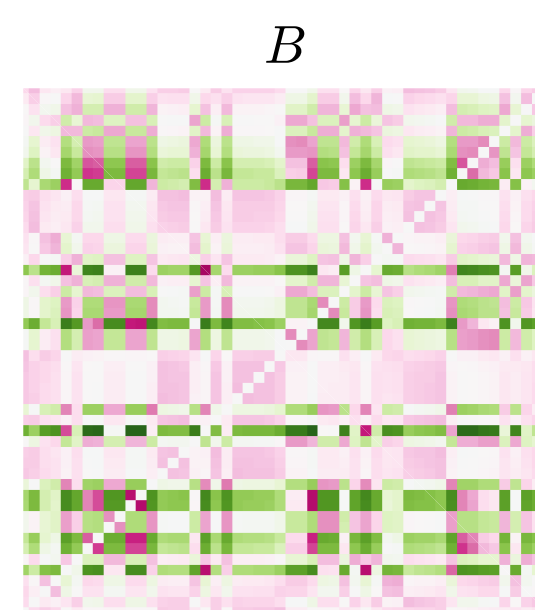
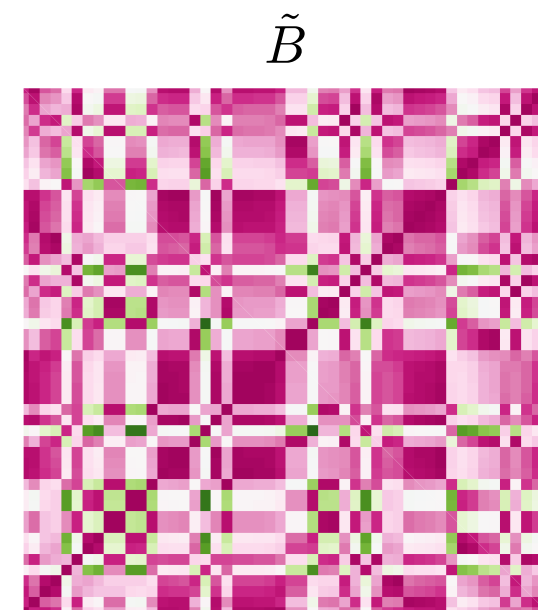
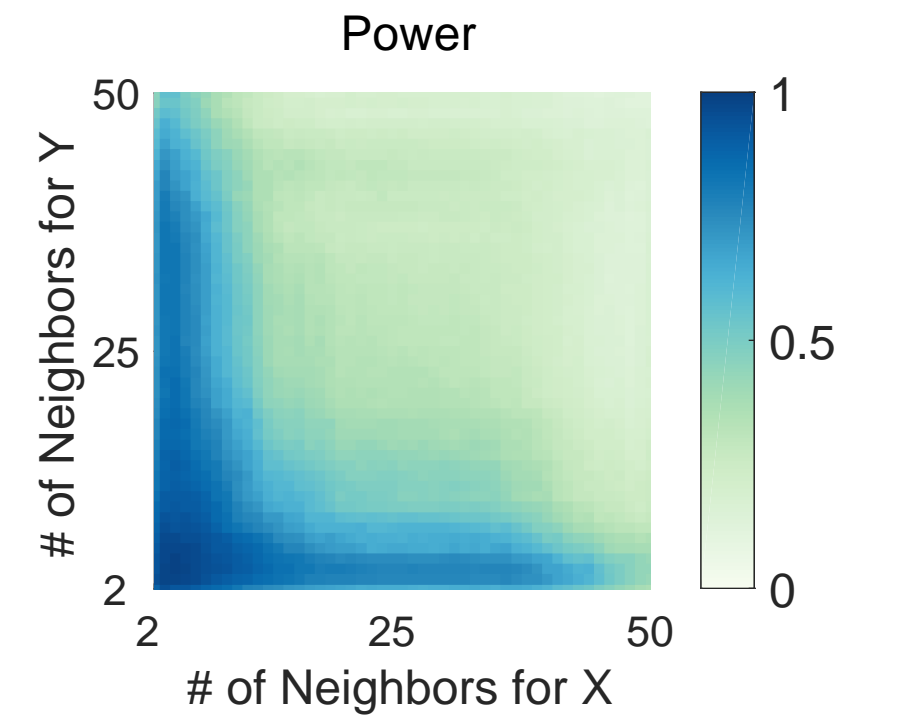
## 2. Mcorr (single center)



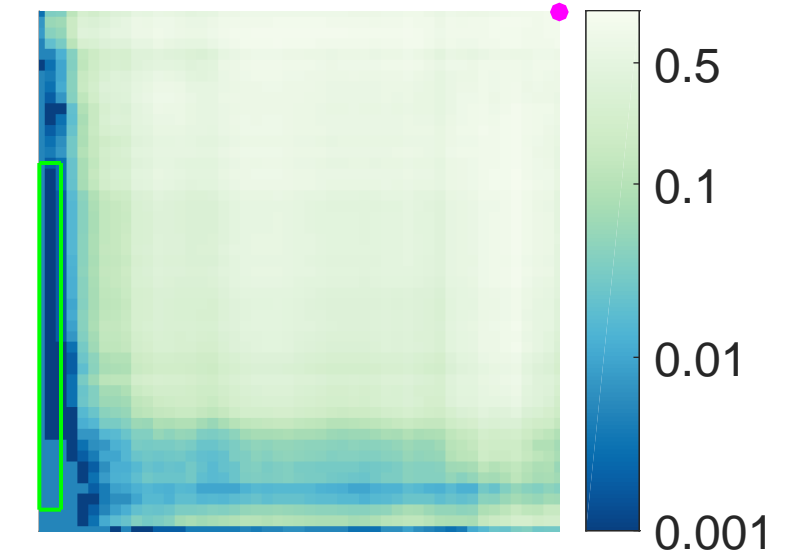
## 3. MGC<sup>k,l</sup> (local scales)



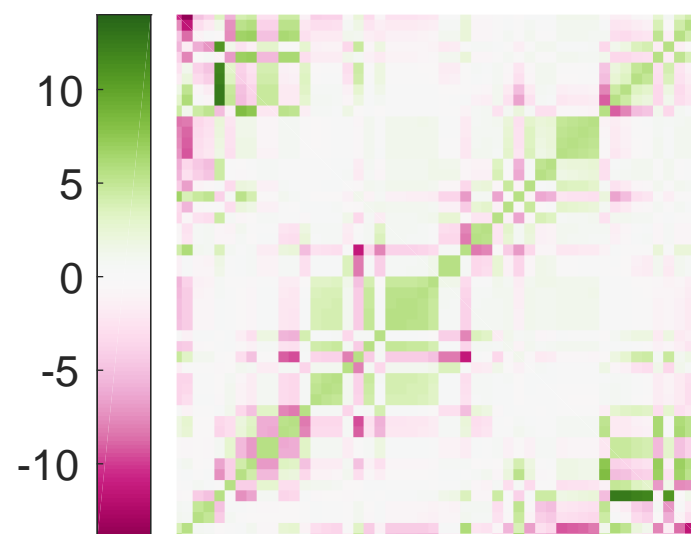
## 4. Multiscale Maps



## P-Values



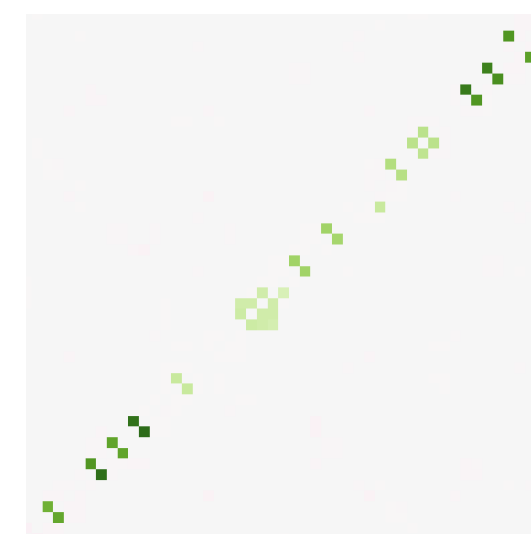
$$\tilde{A} \circ \tilde{B}$$



$$A \circ B$$



$$A^{k^*} \circ B^{l^*}$$



## 5. Test using Optimal Scales

