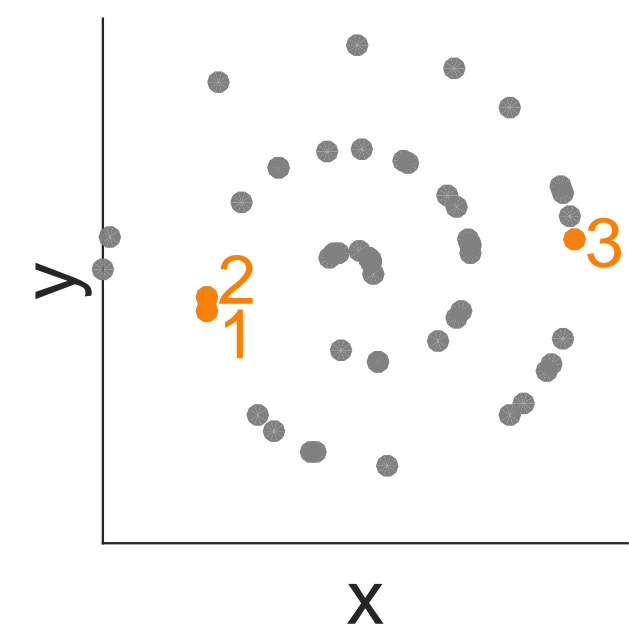
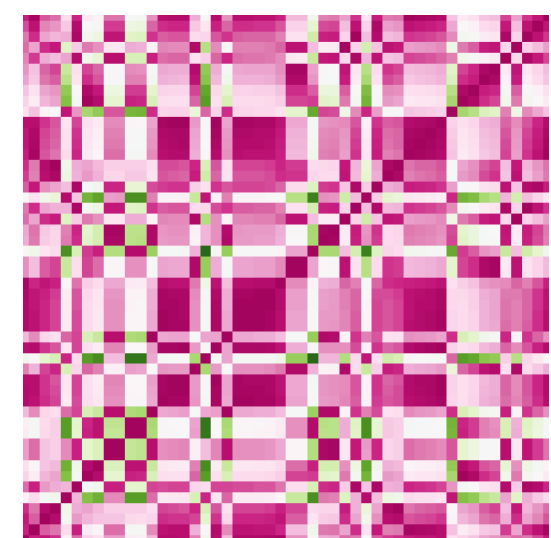
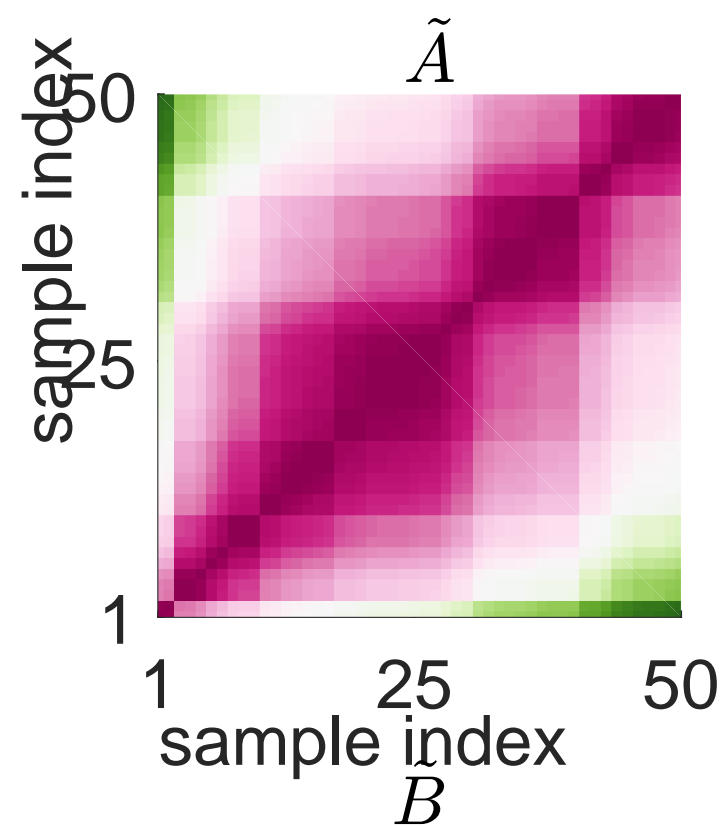


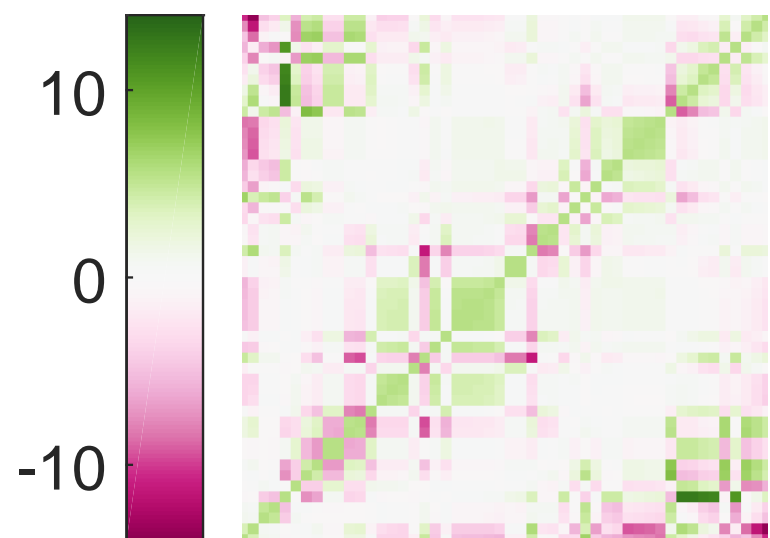
## 0. Sample Data



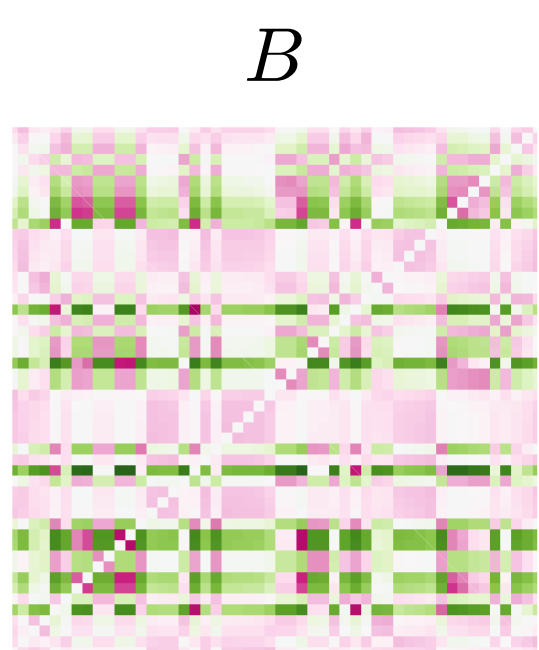
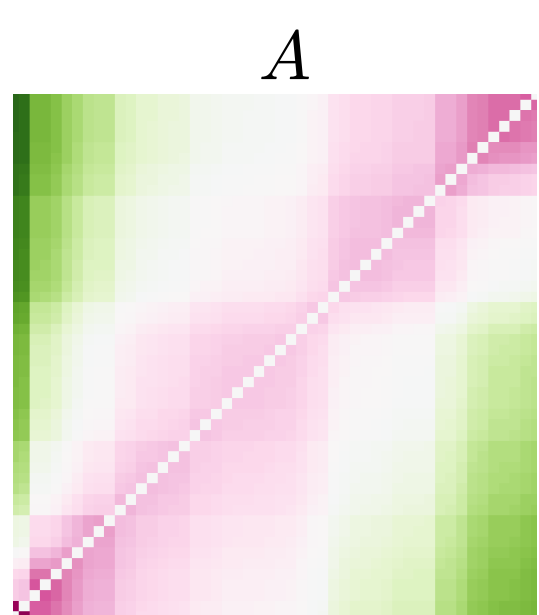
## 1. Mantel (pairwise distances)



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



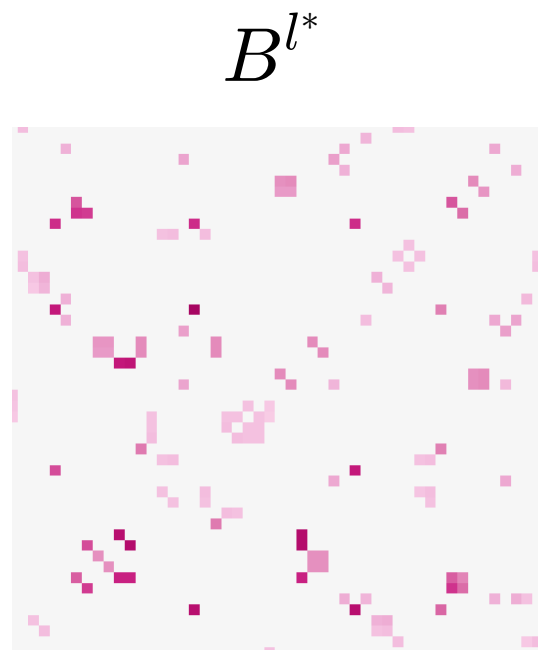
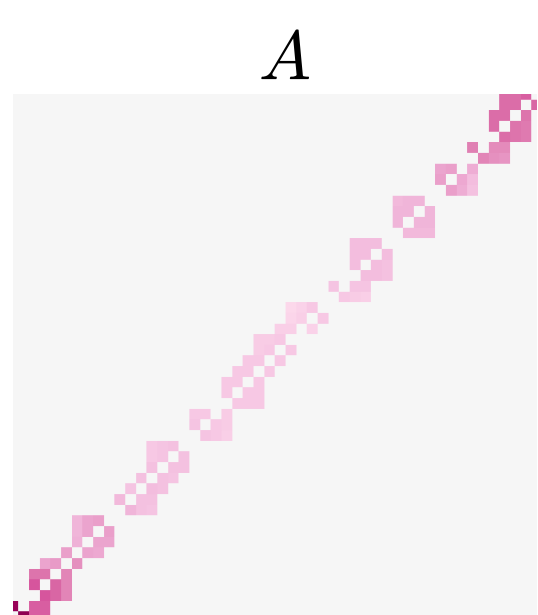
## 2. Mcorr (single center)



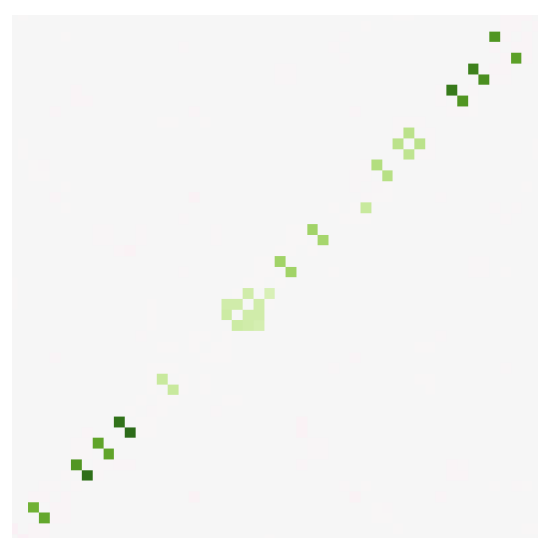
$$A \circ B$$



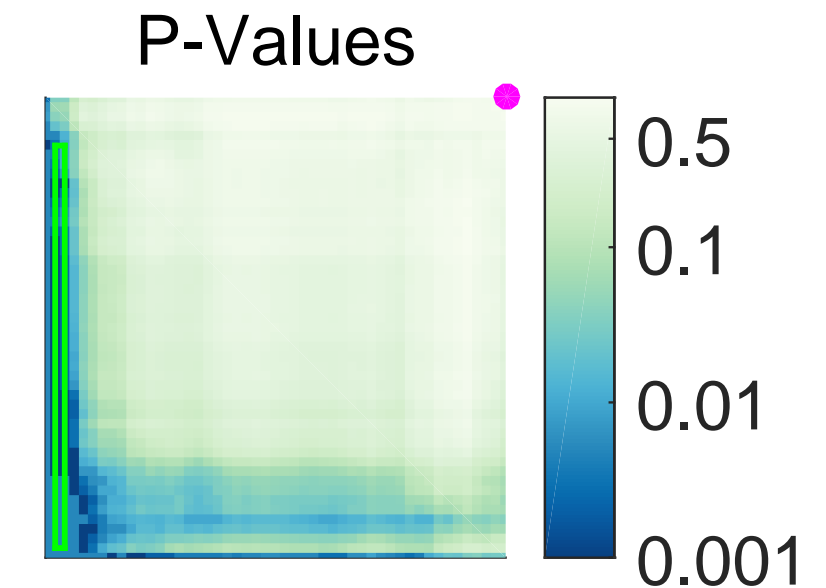
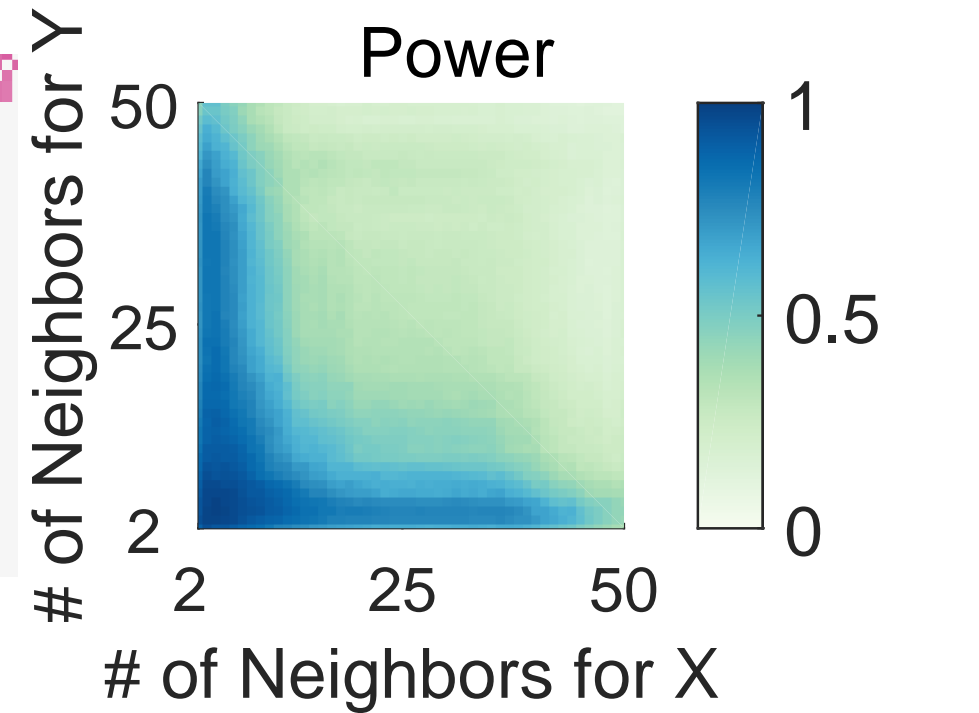
## 3. MGC<sup>k,l</sup> (local scales)



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



## 4. Multiscale Maps



## 5. Test using Optimal Scales

