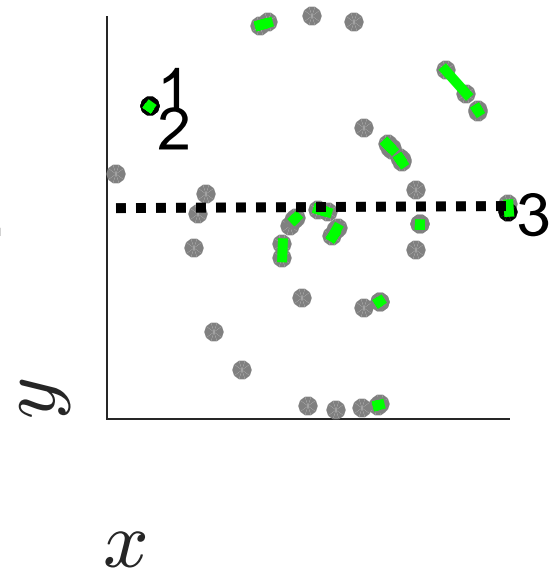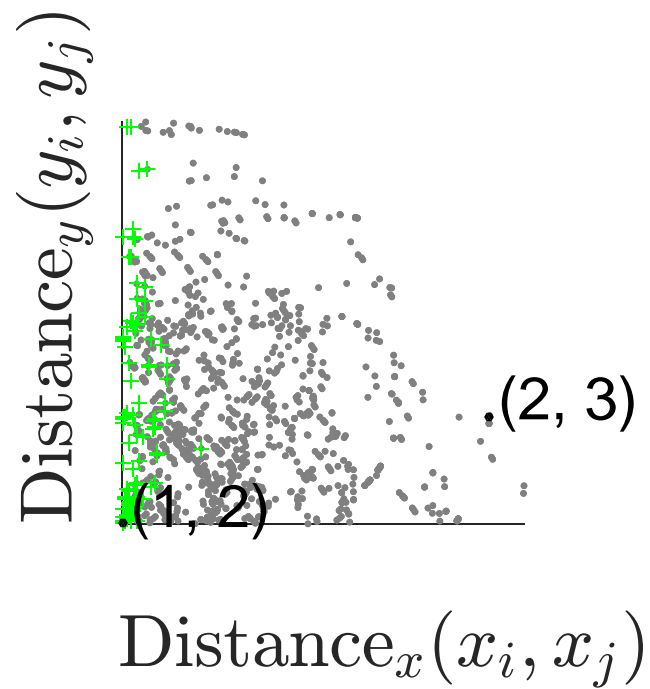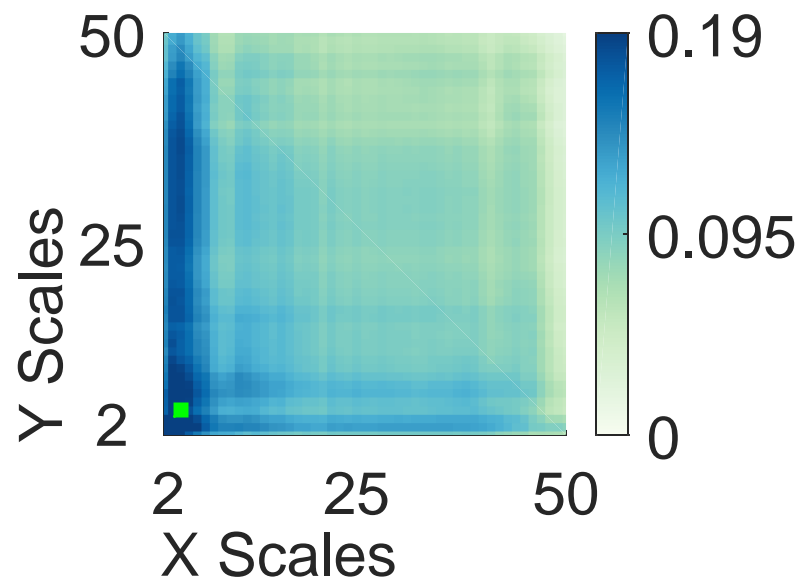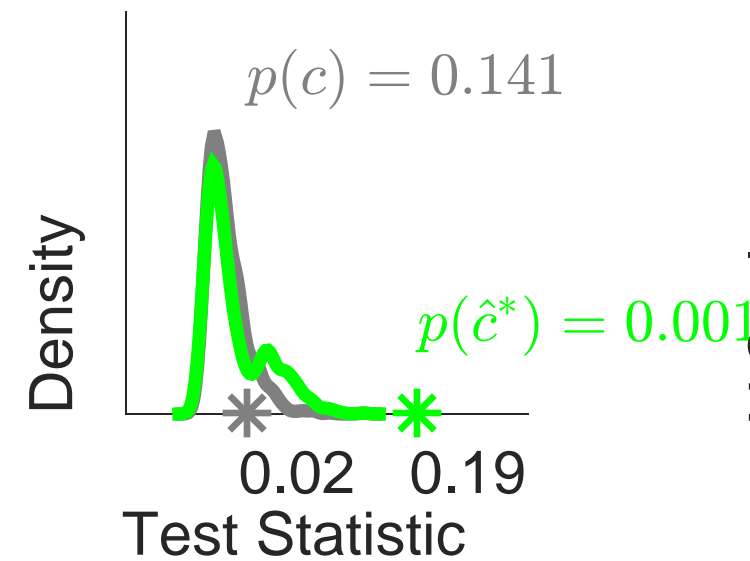**Spiral**

0. Sample Data

1. Pairwise Distances

2. Multiscale Correlation Map & Test Statistic

3. Null Distributions & P-Values

4. Multiscale P-Value Map & Optimal Scales

$\text{Distance}_y(y_i, y_j)$

$\text{Distance}_x(x_i, x_j)$

$(2, 3)$

$(1, 2)$

Y Scales

X Scales

$p(c) = 0.141$

$p(\hat{c}^*) = 0.001$

Density

Test Statistic

Y Scales

X Scales