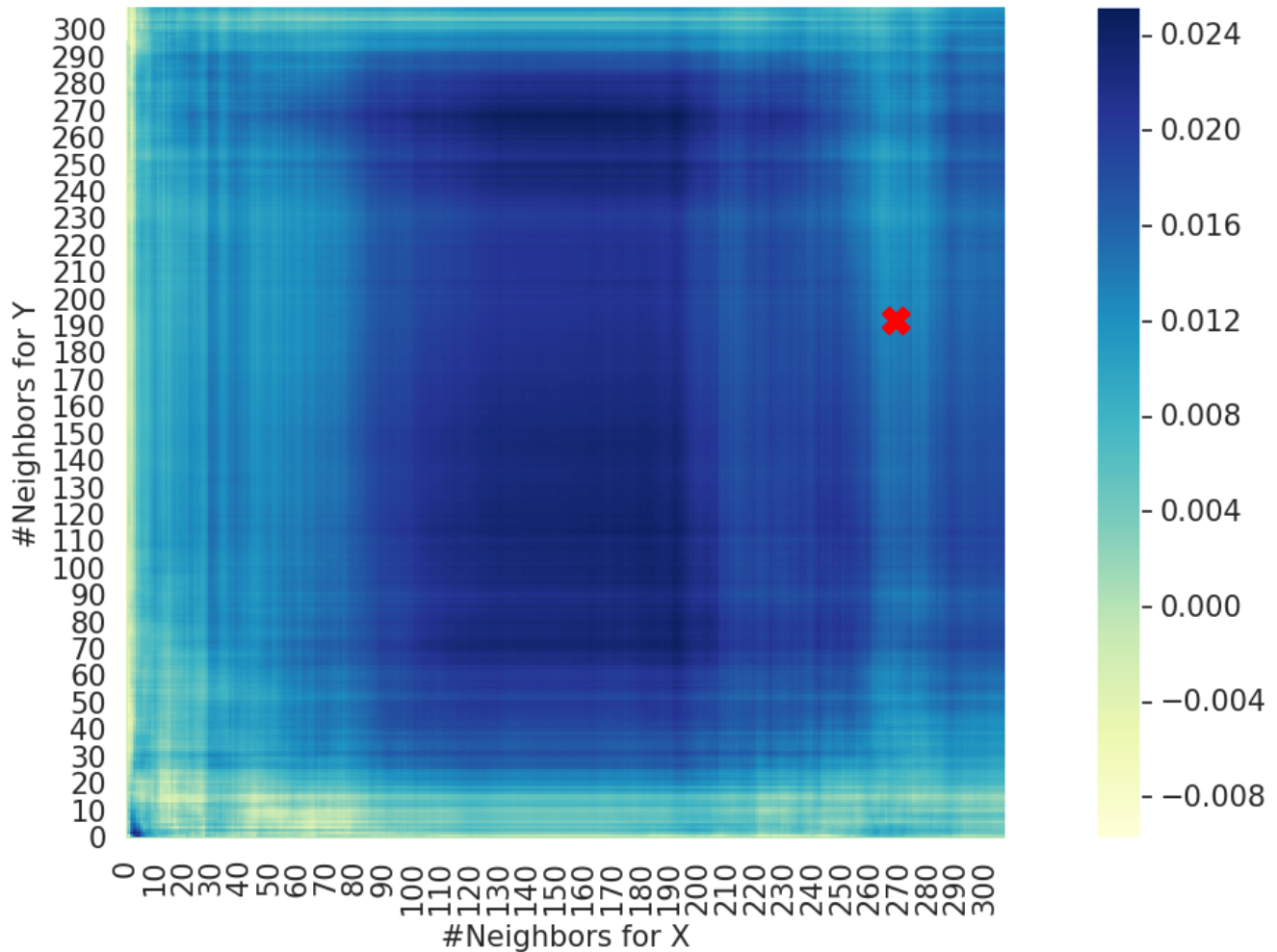X vs Y:
MGC test statistic: 0.025187304818822205
P Value: 0.9904307396421753
Optimal Scale: [269, 193]

Local Correlation Map

ASSQ:
MGC test statistic: 0.023143354689780727
P Value: 5.066327610214749e-05
Optimal Scale: [118, 9]

SCQ:
MGC test statistic: -0.004666301096138147
P Value: 0.8442398275327951
Optimal Scale: [309, 26]

SRS:
MGC test statistic: 0.024571163942335564
P Value: 2.1734354316294002e-09
Optimal Scale: [270, 42]