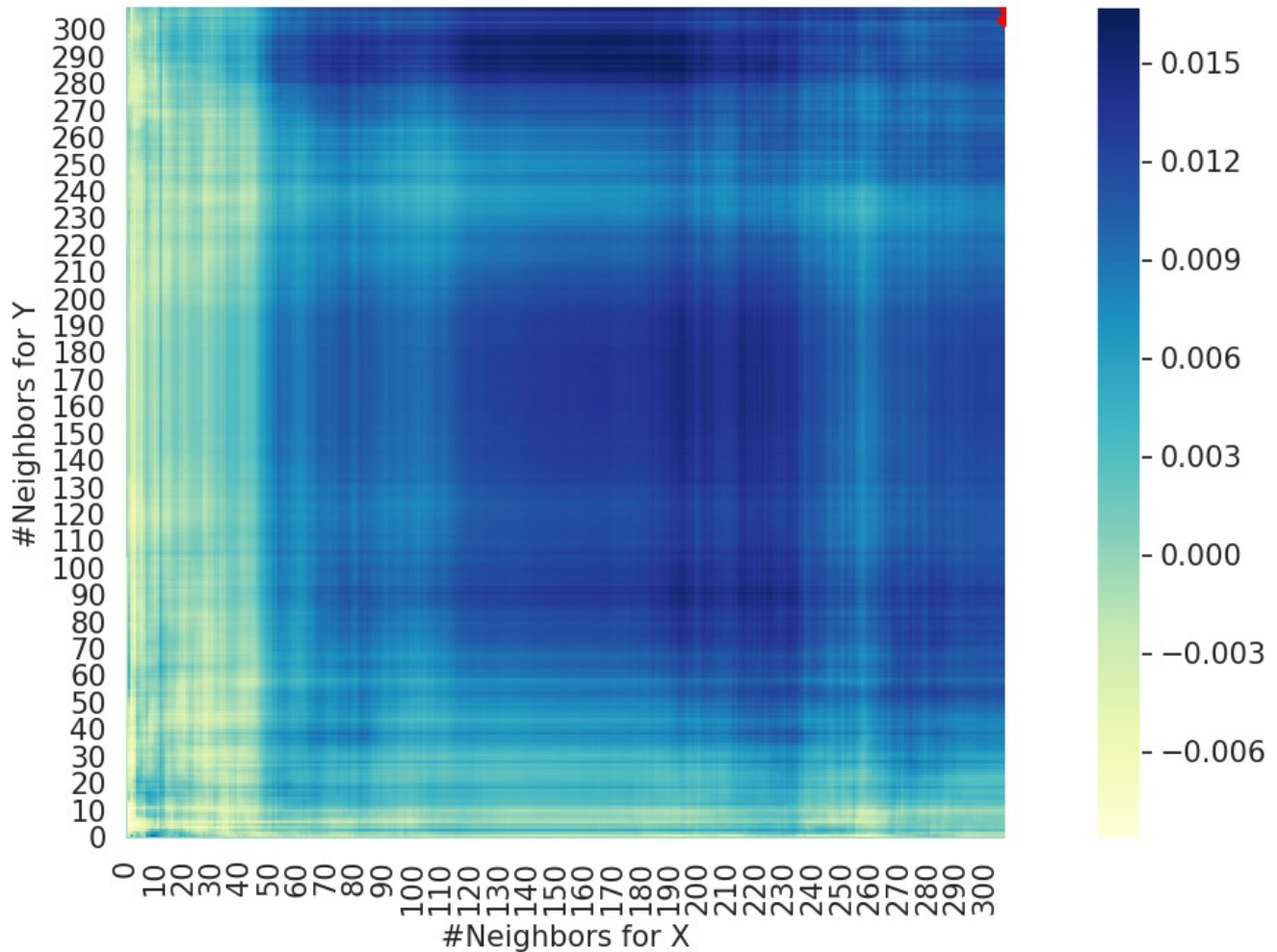X vs Y:
MGC test statistic: 0.011743687018832273
P Value: 0.07393589105435394
Optimal Scale: [309, 307]

Local Correlation Map

ASSQ:
MGC test statistic: 0.031212881660660823
P Value: 1.5136003561622147e-11
Optimal Scale: [301, 5]

SCQ:
MGC test statistic: 0.005567873260414792
P Value: 0.9999407351908695
Optimal Scale: [309, 26]

SRS:
MGC test statistic: 0.011307430111473745
P Value: 0.037007130761734786
Optimal Scale: [309, 115]