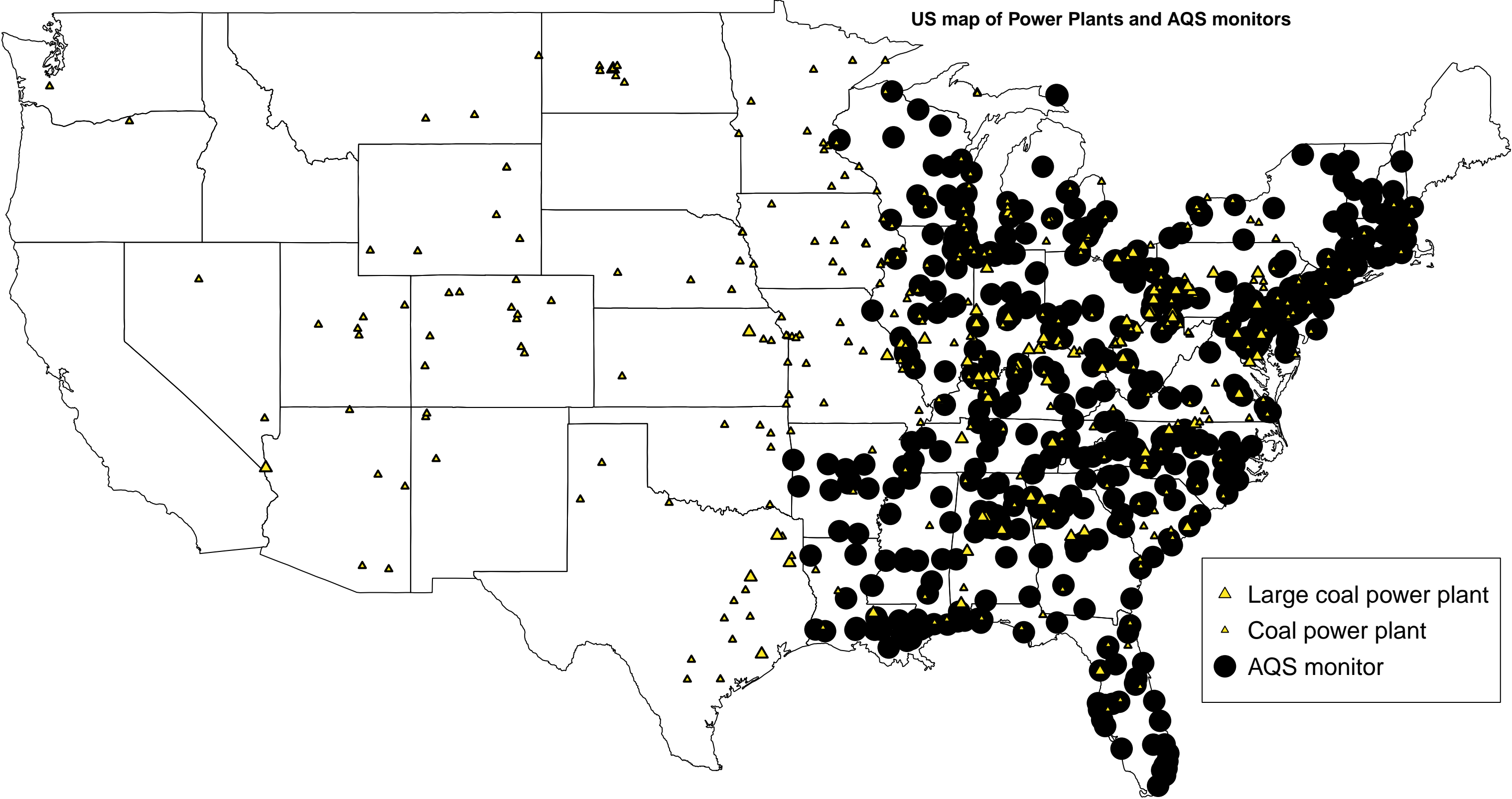
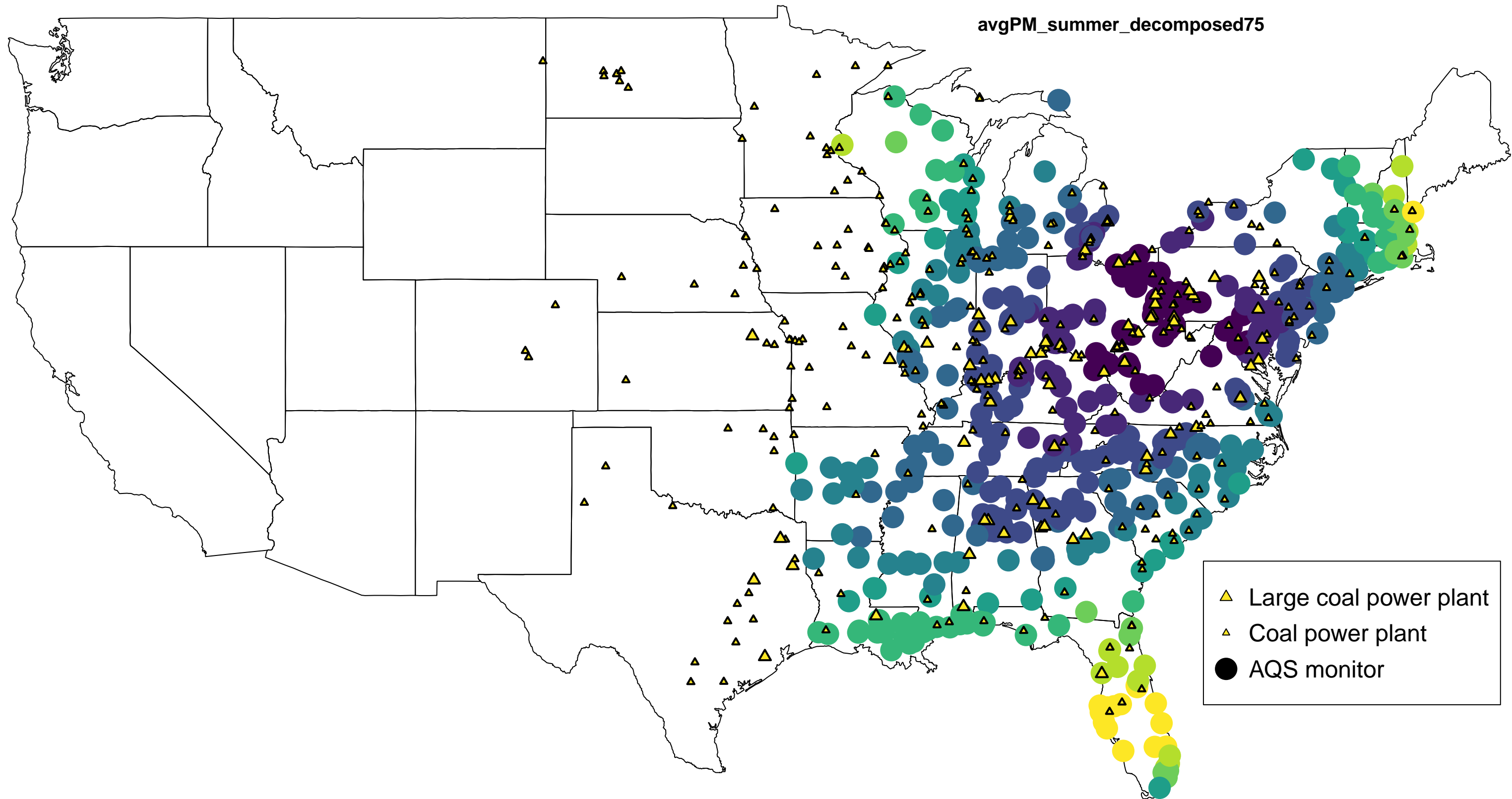
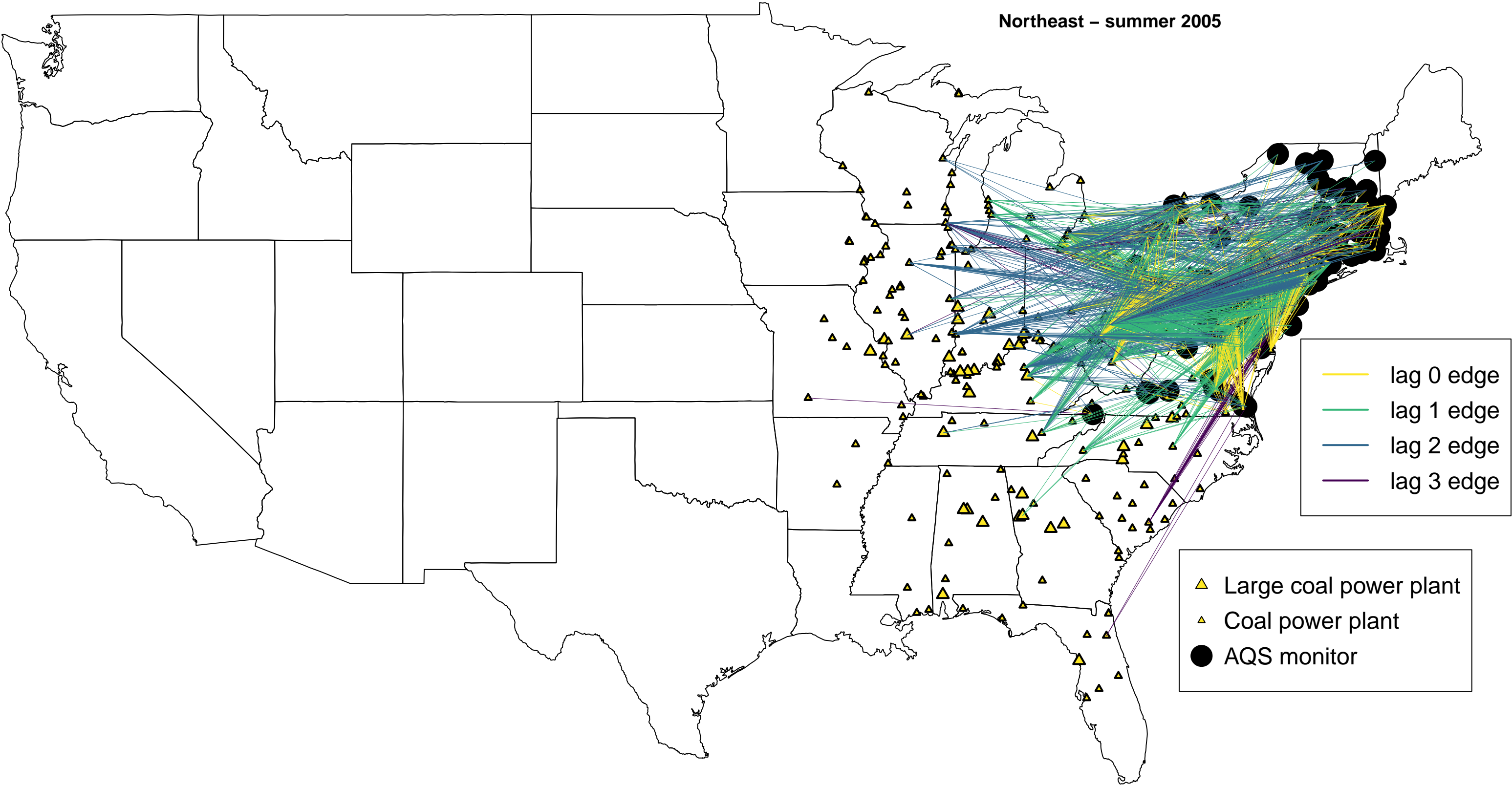


US map of Power Plants and AQS monitors

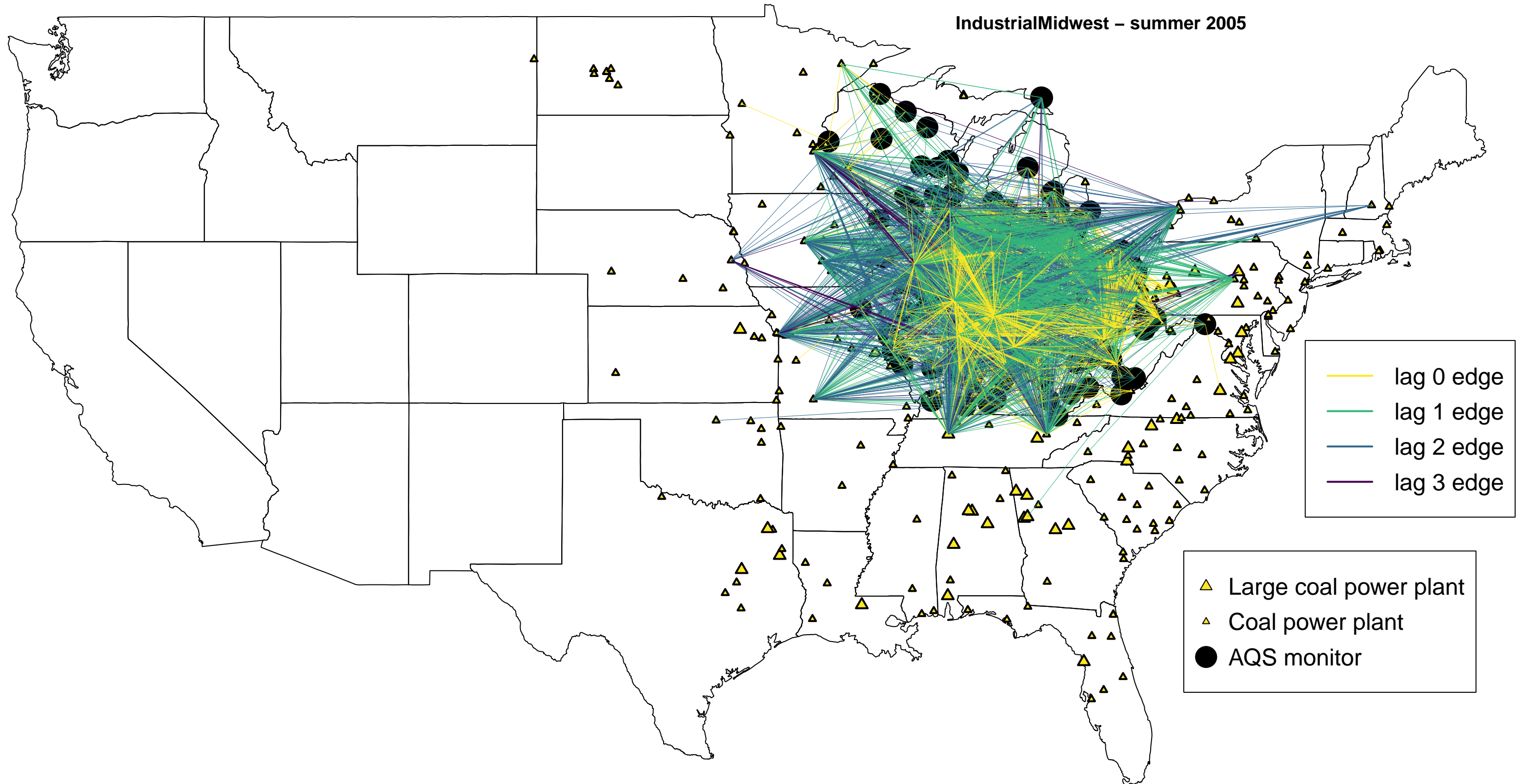


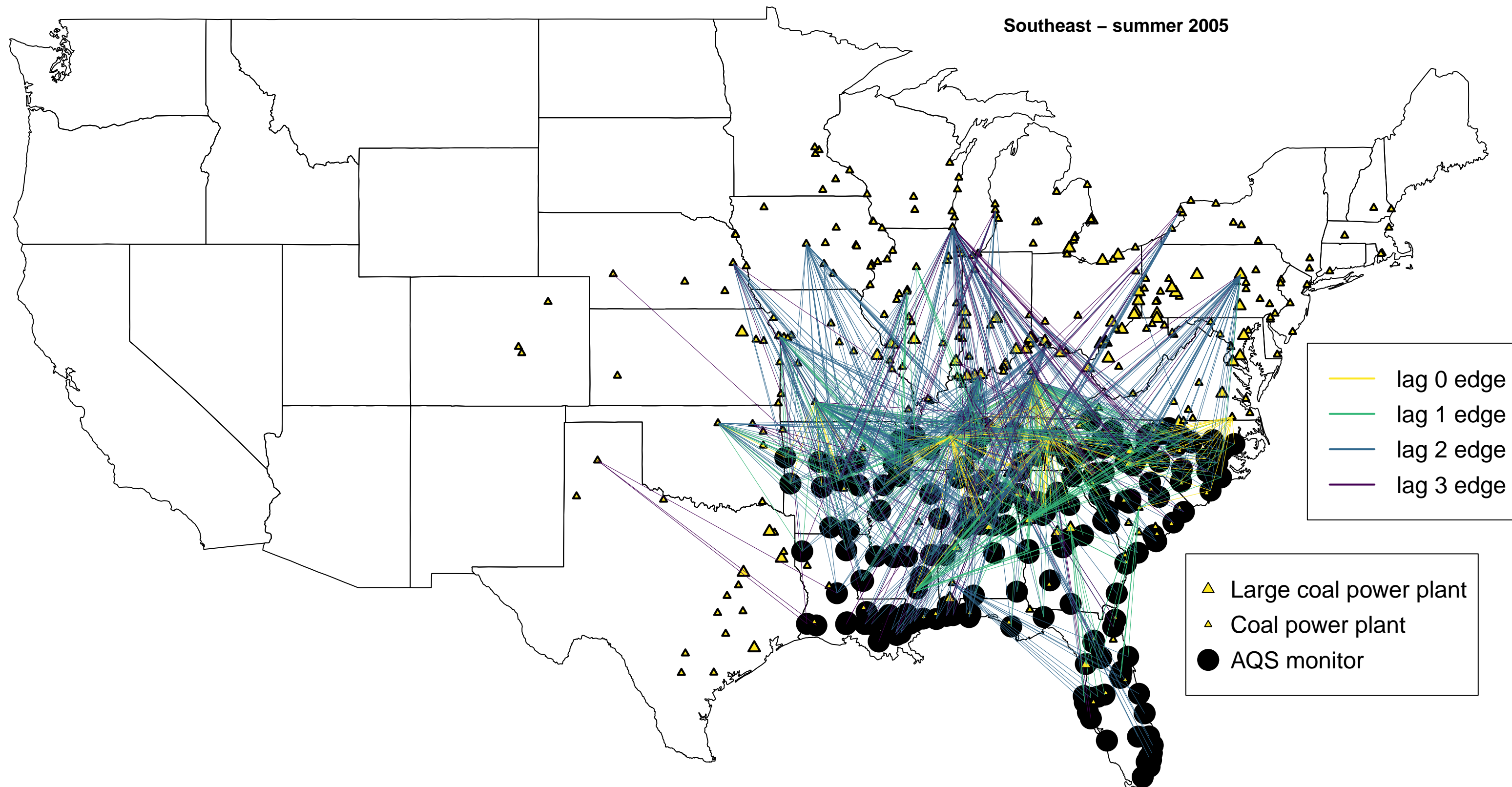


Northeast – summer 2005

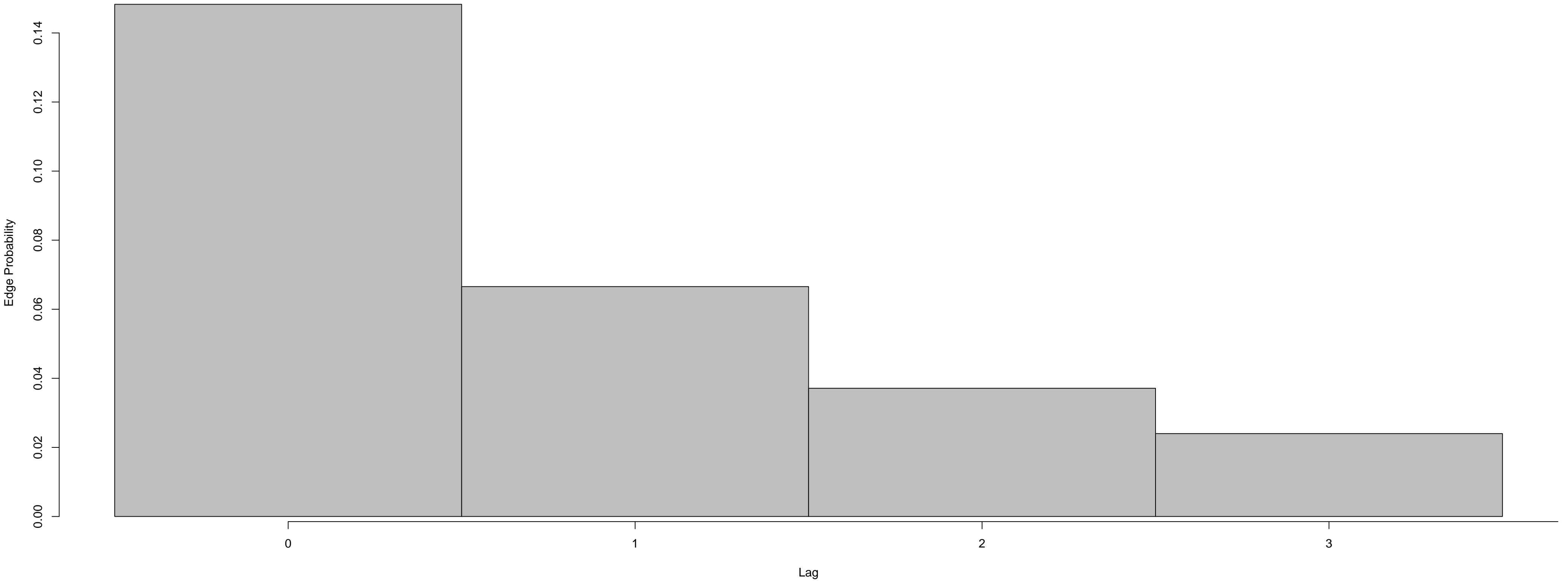


IndustrialMidwest – summer 2005

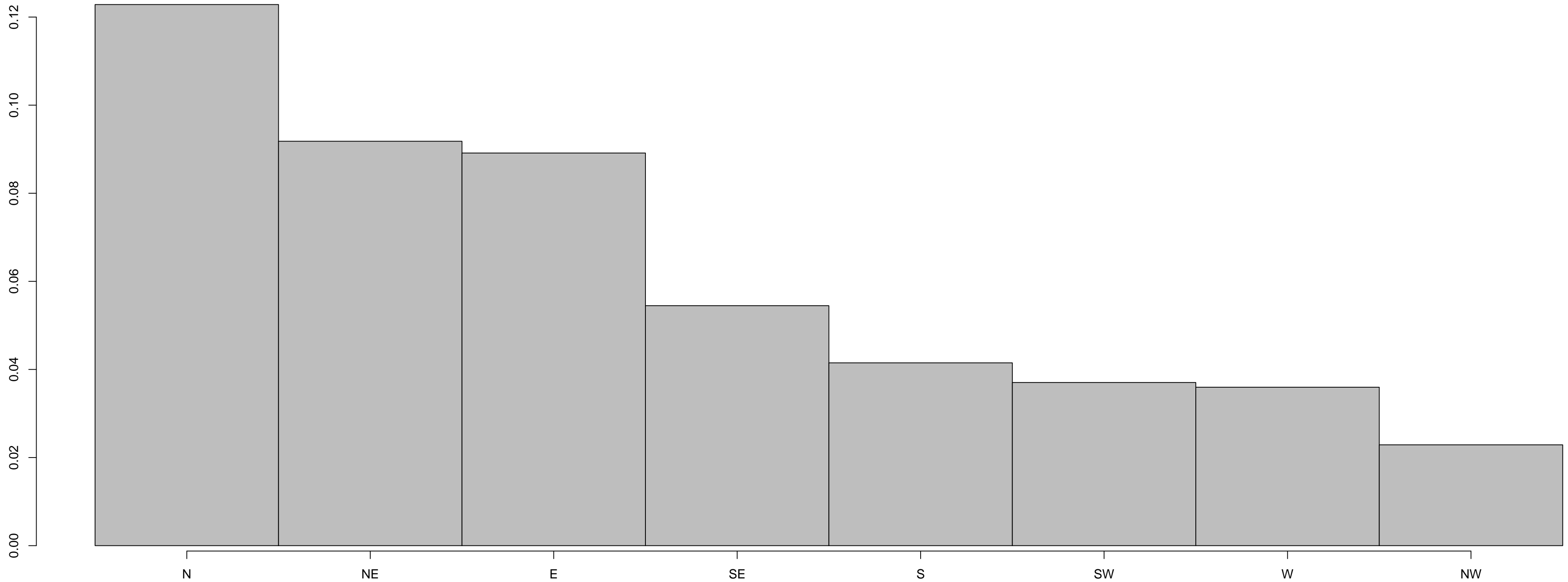




Edge Probability by Lag

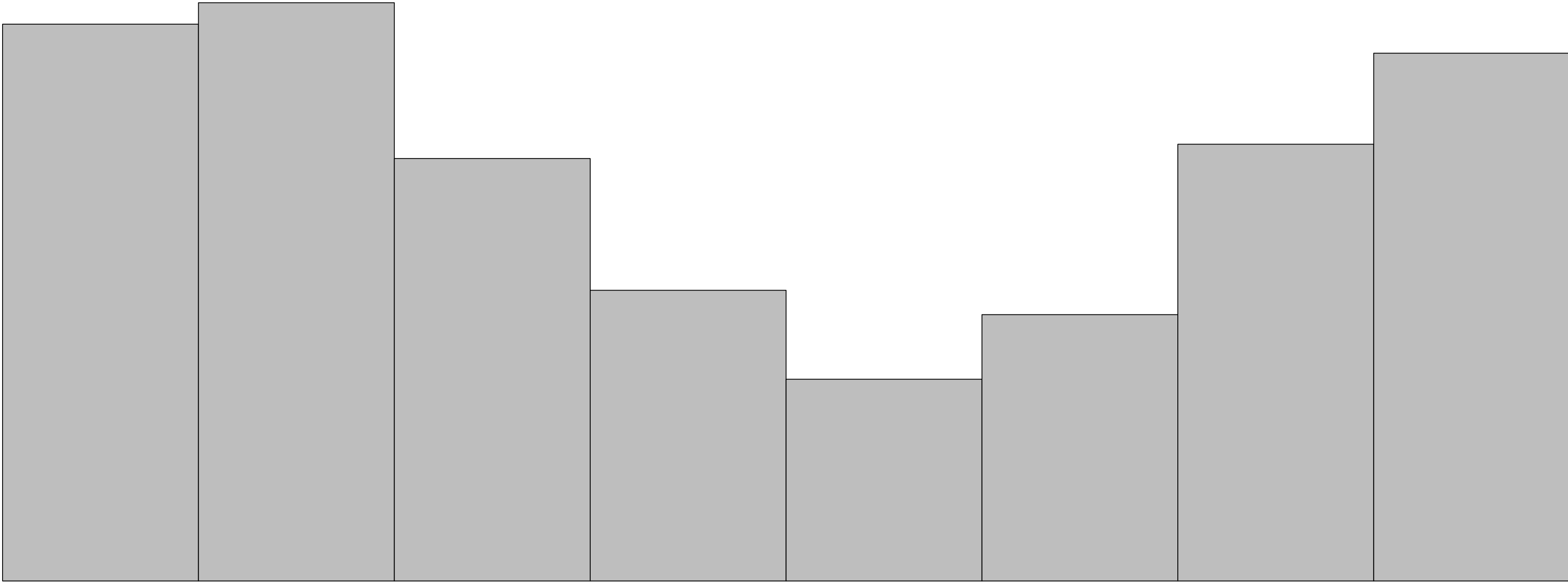


Edge Probability by Direction from Power Plant to Receptor (Northeast Power Plants)



Edge Probability by Direction from Power Plant to Receptor (IndustrialMidwest Power Plants)

0.00
0.02
0.04
0.06
0.08
0.10
0.12



N

NE

E

SE

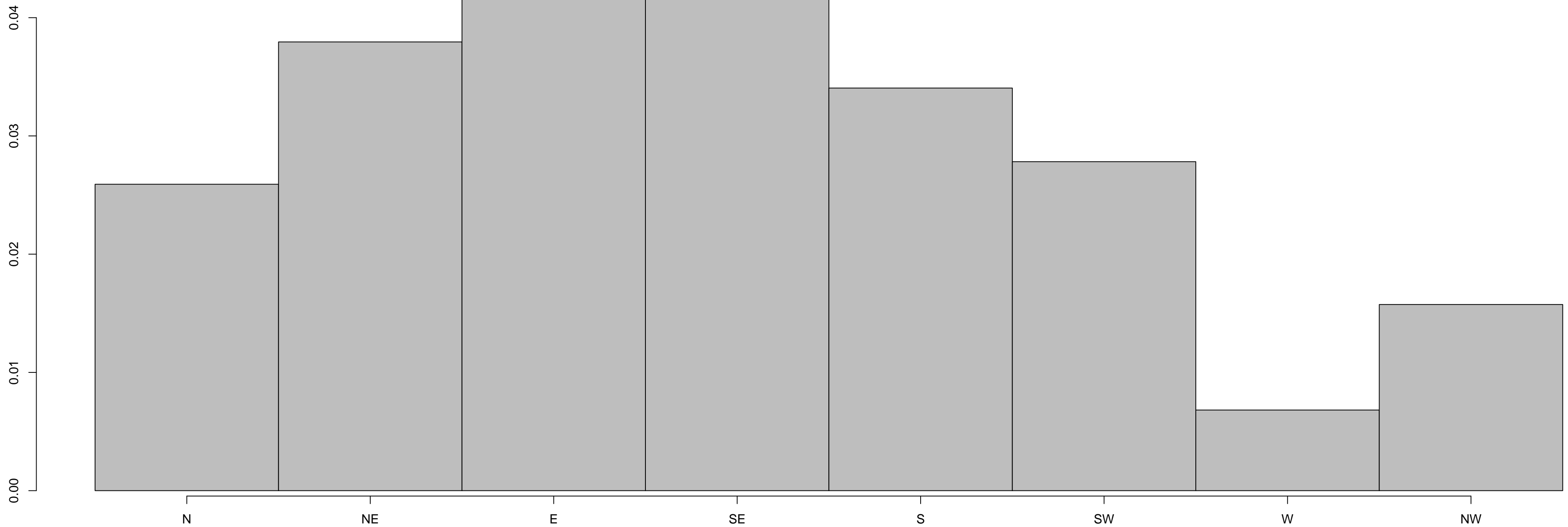
S

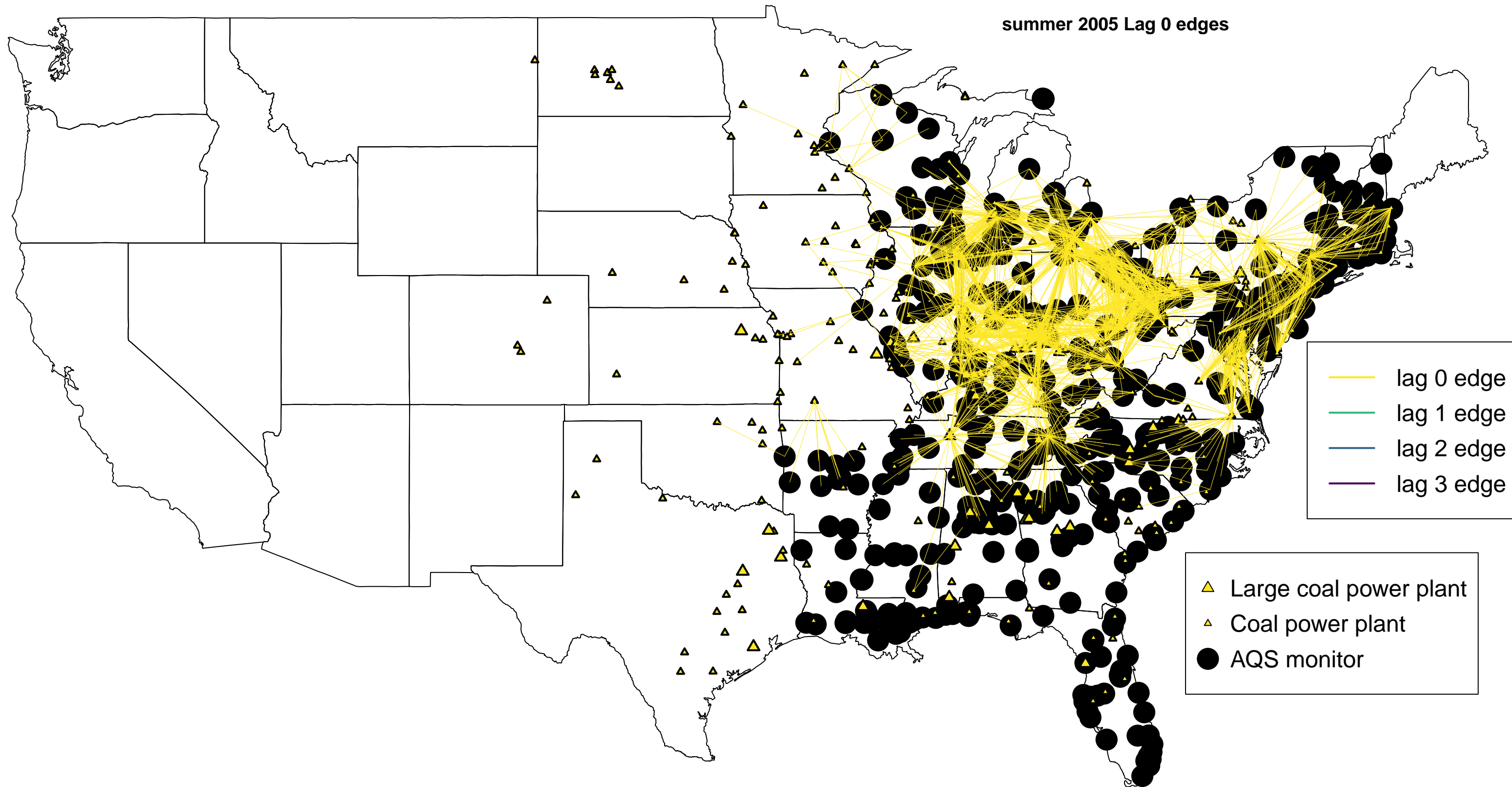
SW

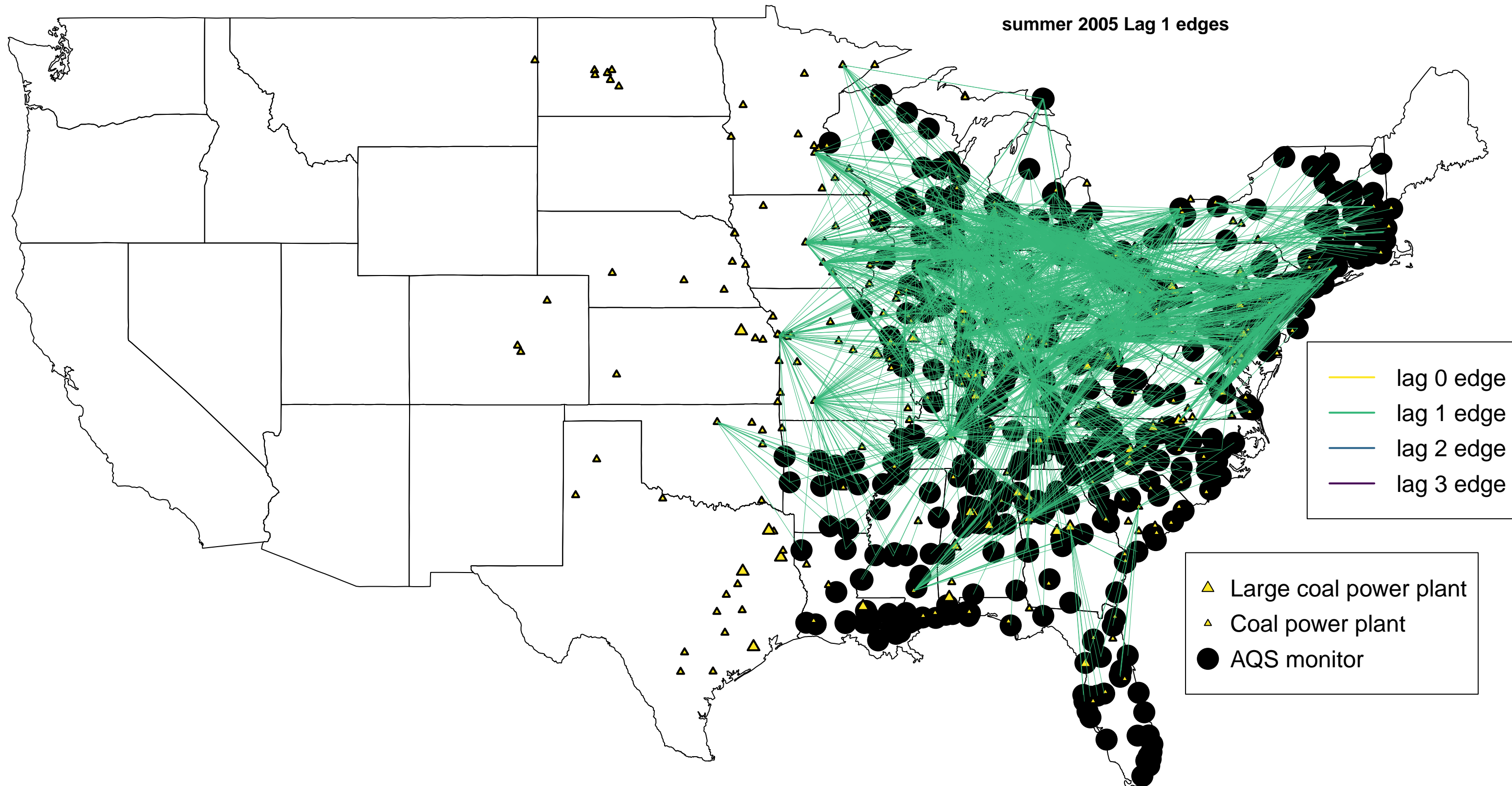
W

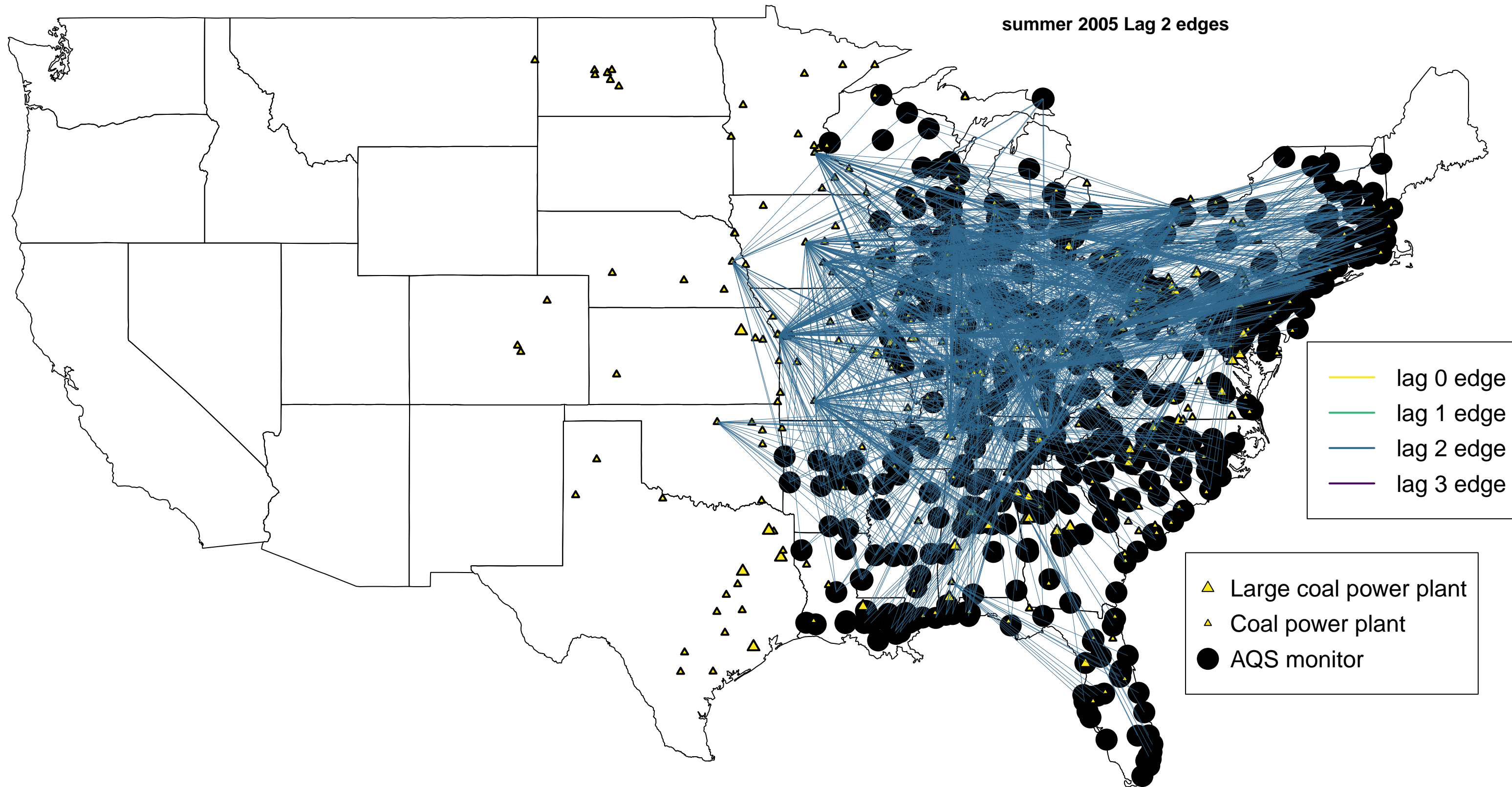
NW

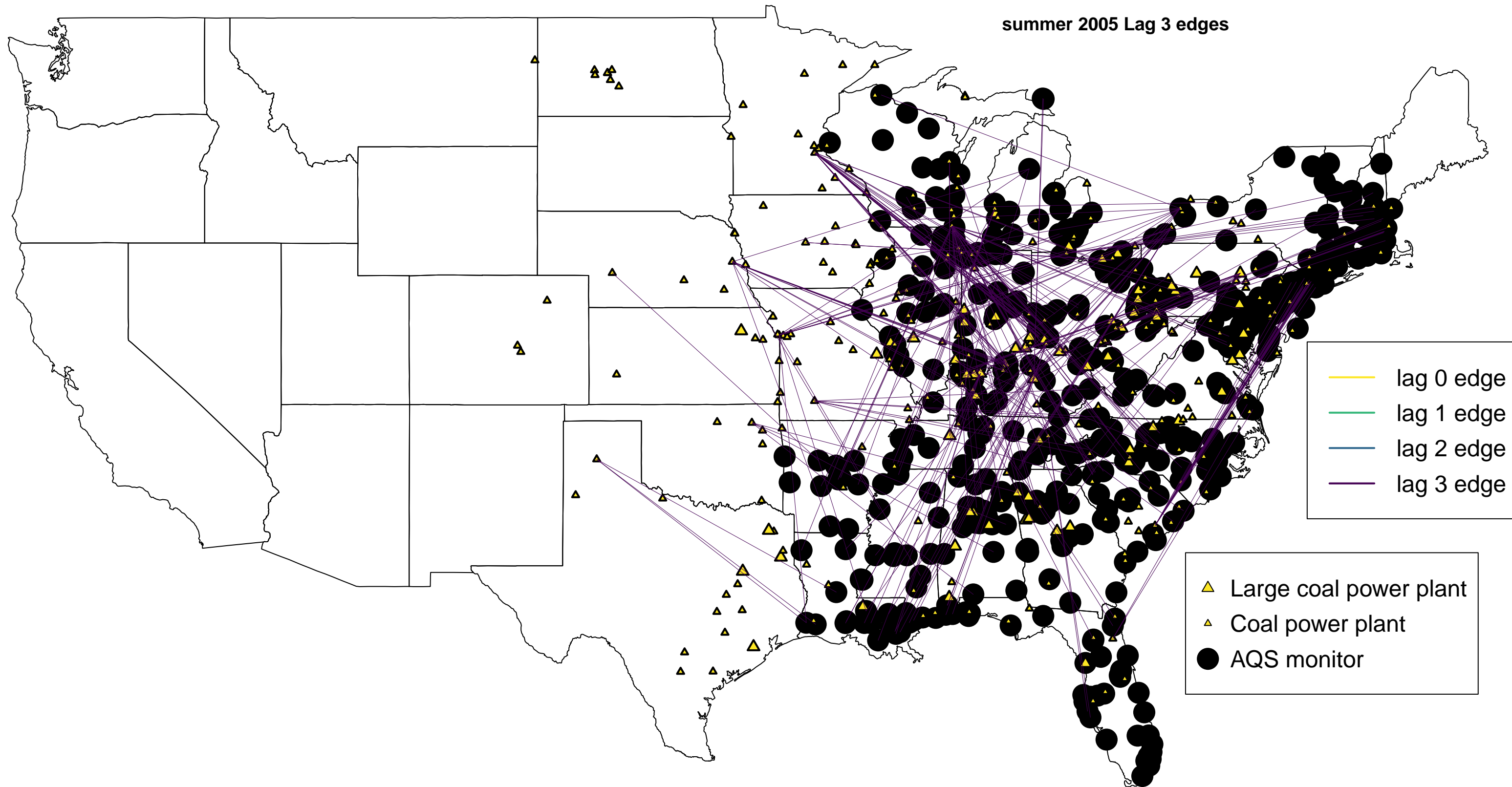
Edge Probability by Direction from Power Plant to Receptor (Southeast Power Plants)



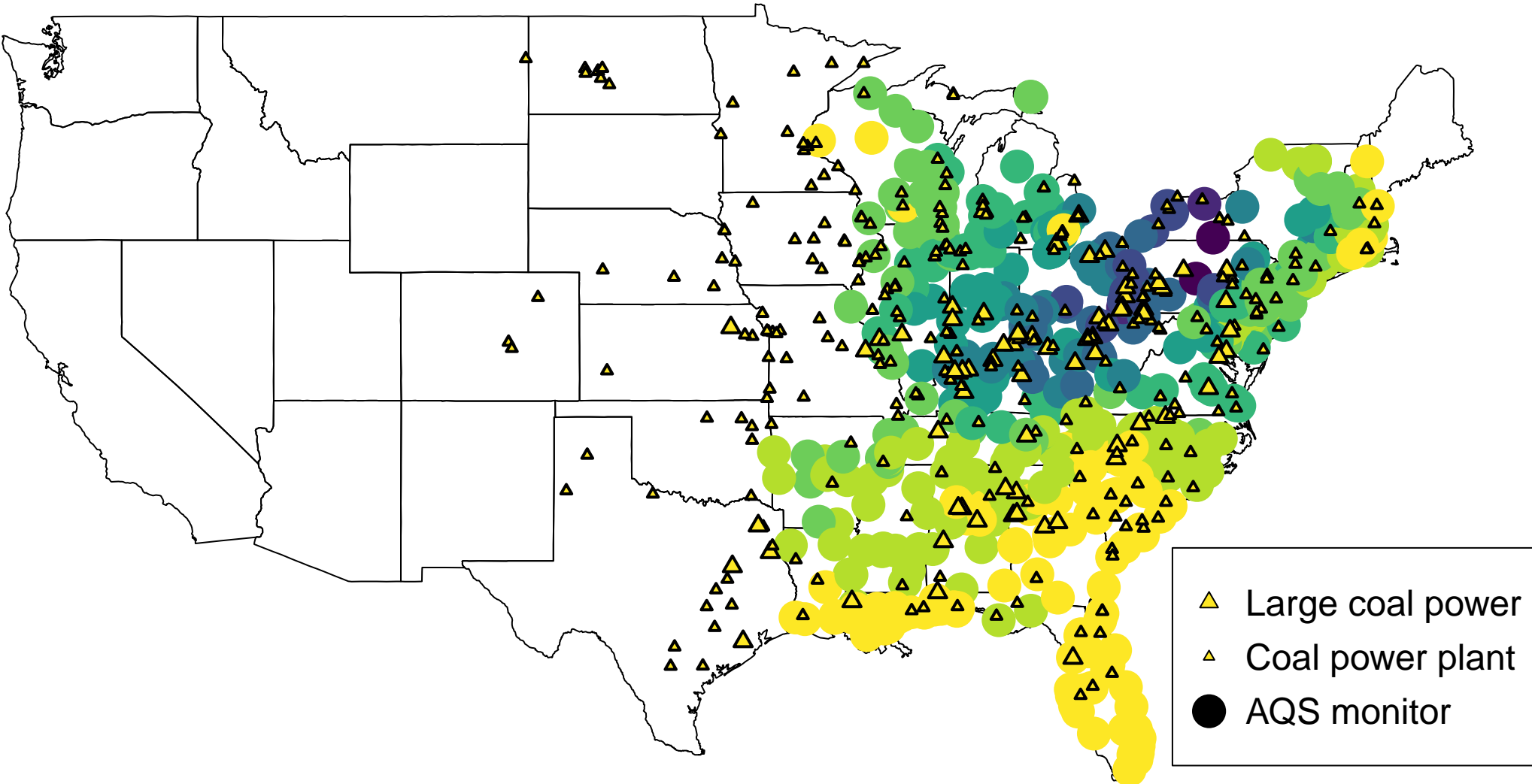




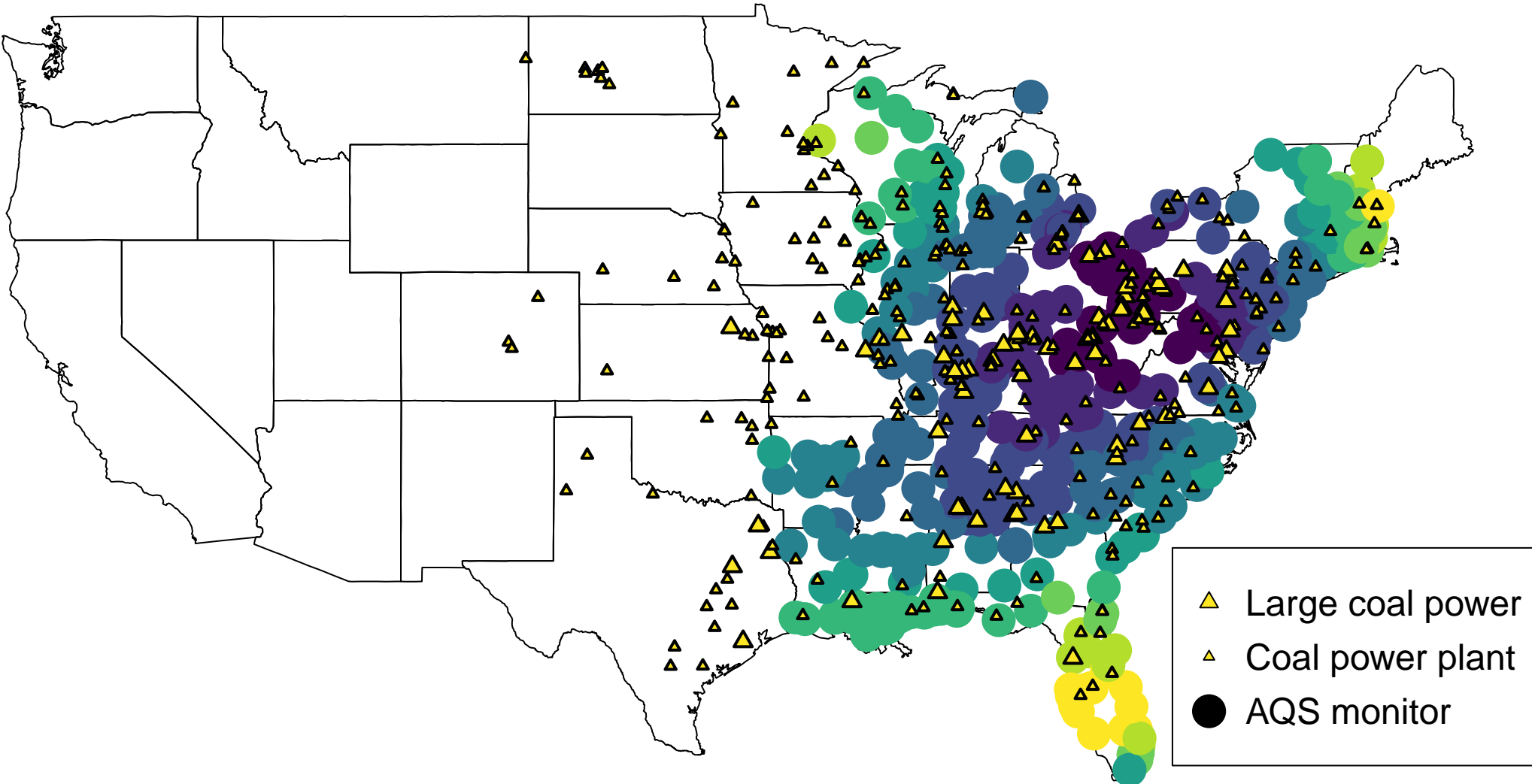




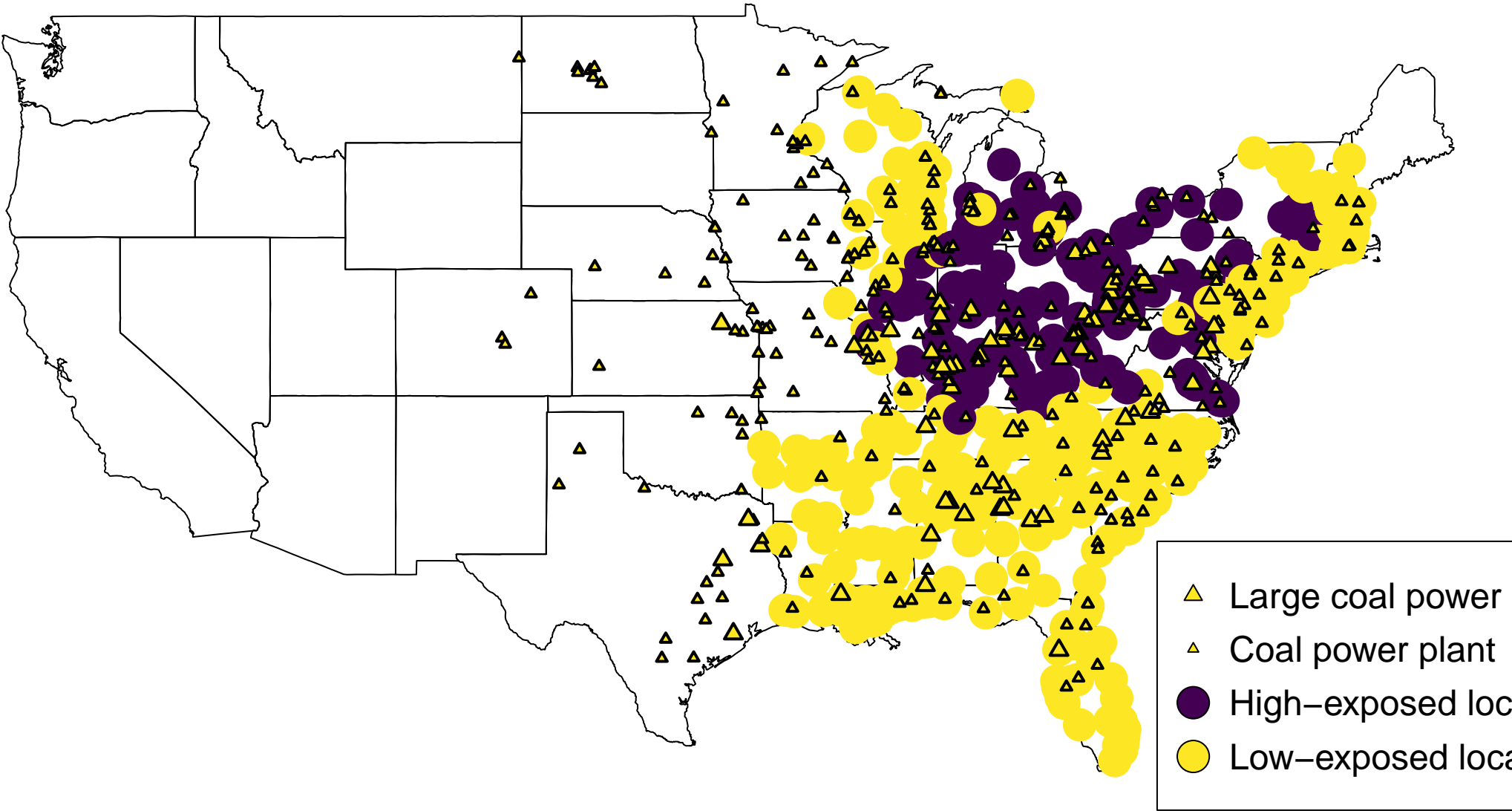
sum of gams.coeff summer 2005



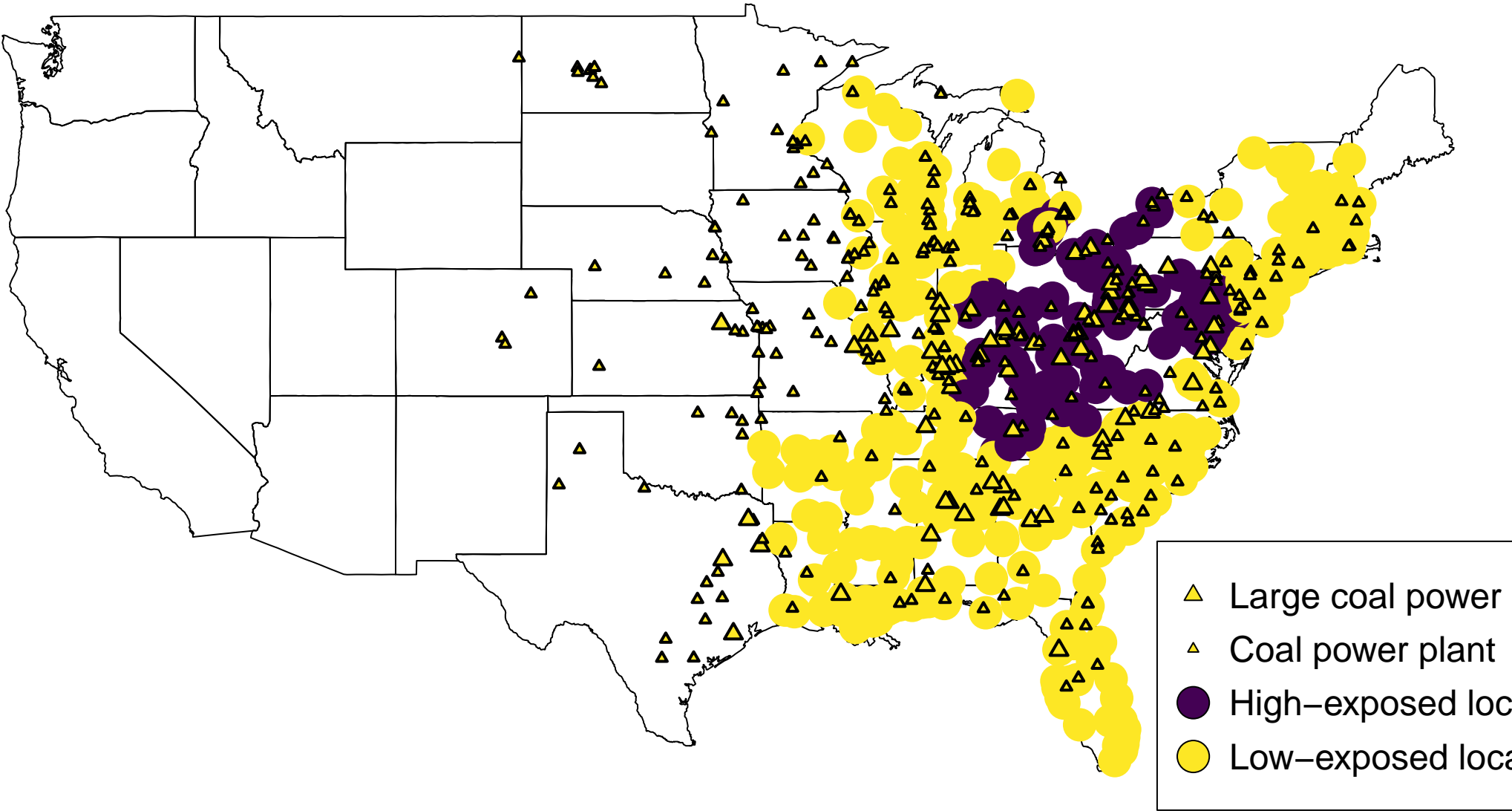
avgPM_decomposed75 summer 2005



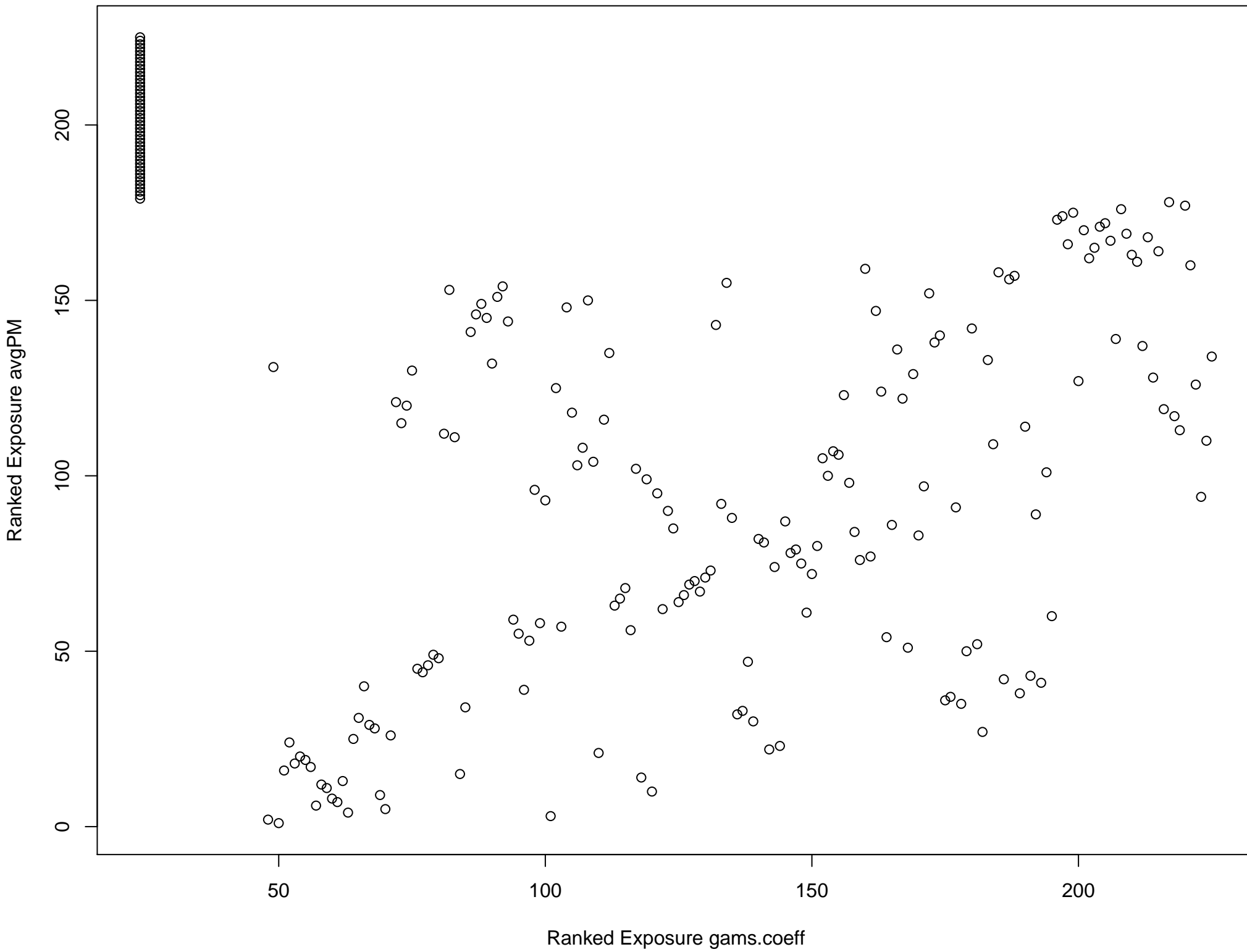
sum of gams.coeff summer 2005



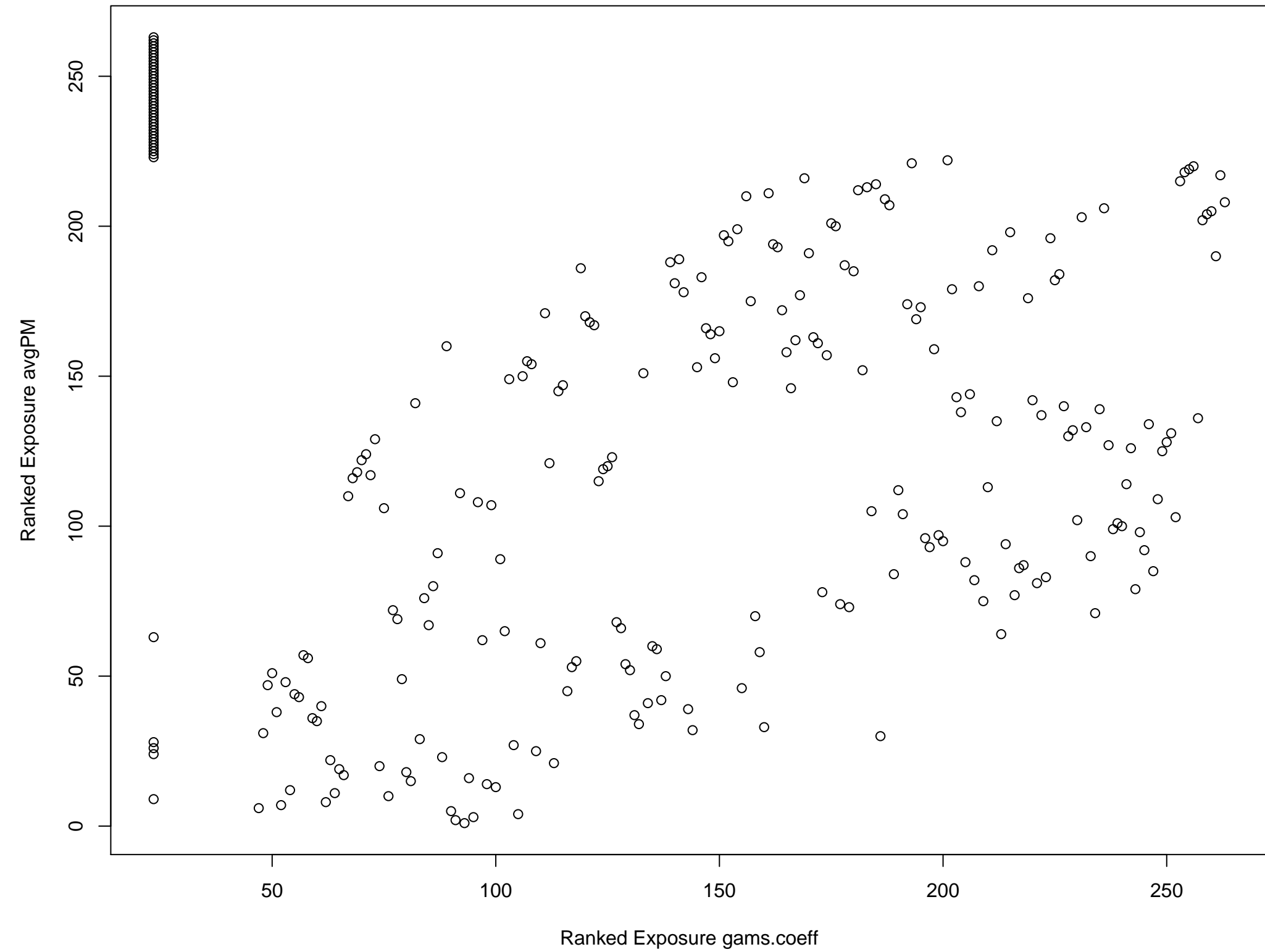
avgPM_decomposed75 summer 2005



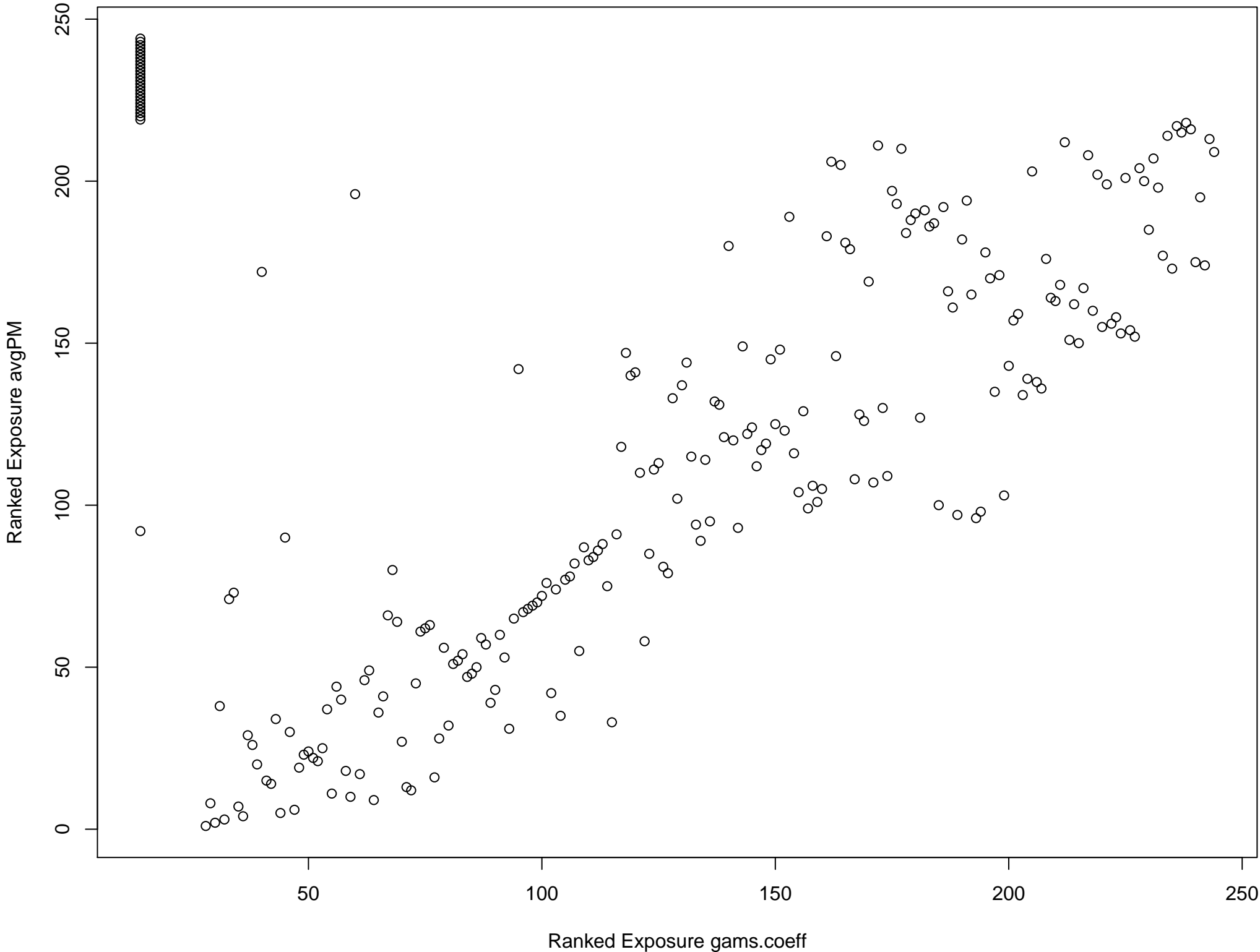
Northeast correlation = 0.55



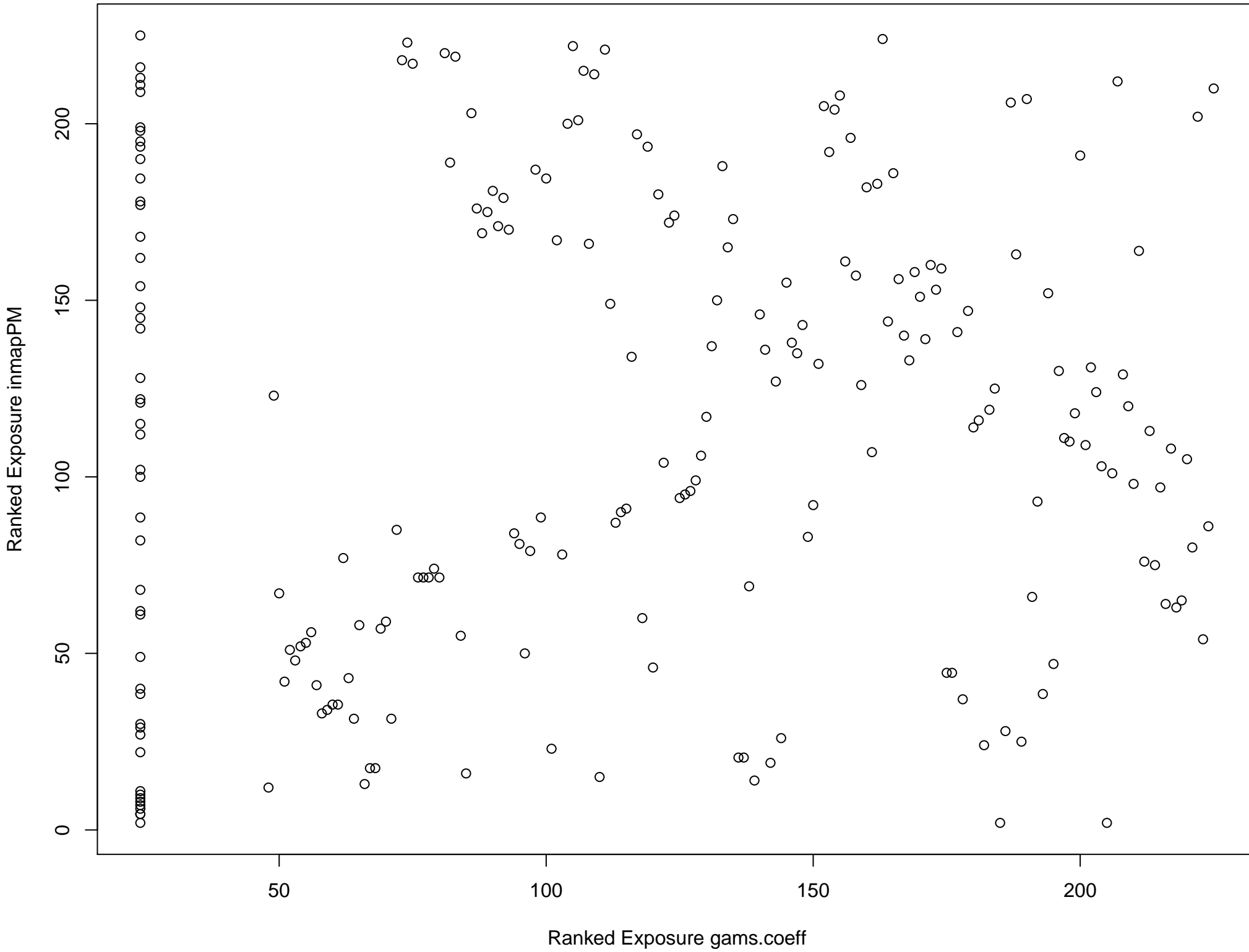
Southeast correlation = 0.53



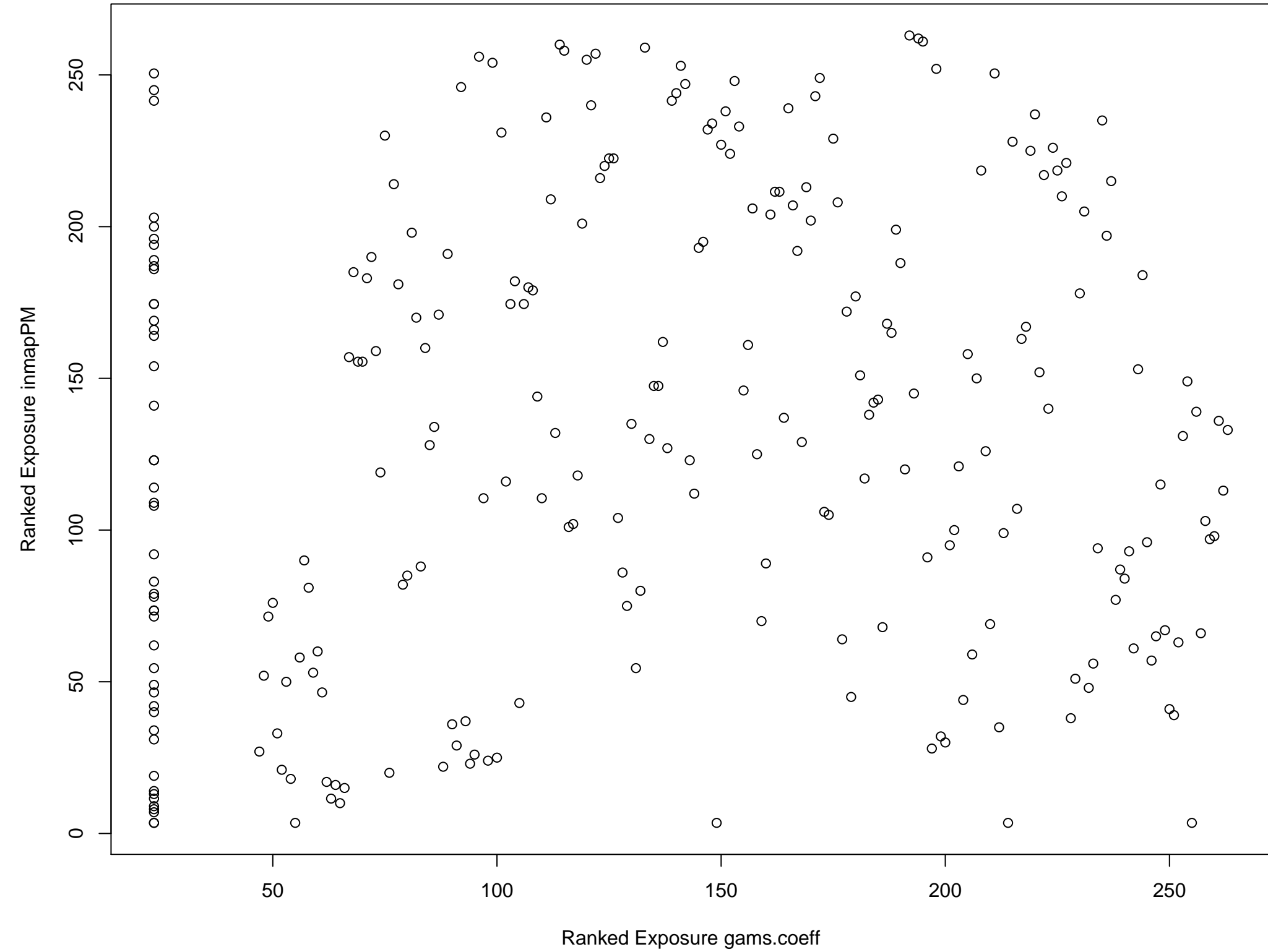
IndustrialMidwest correlation = 0.87



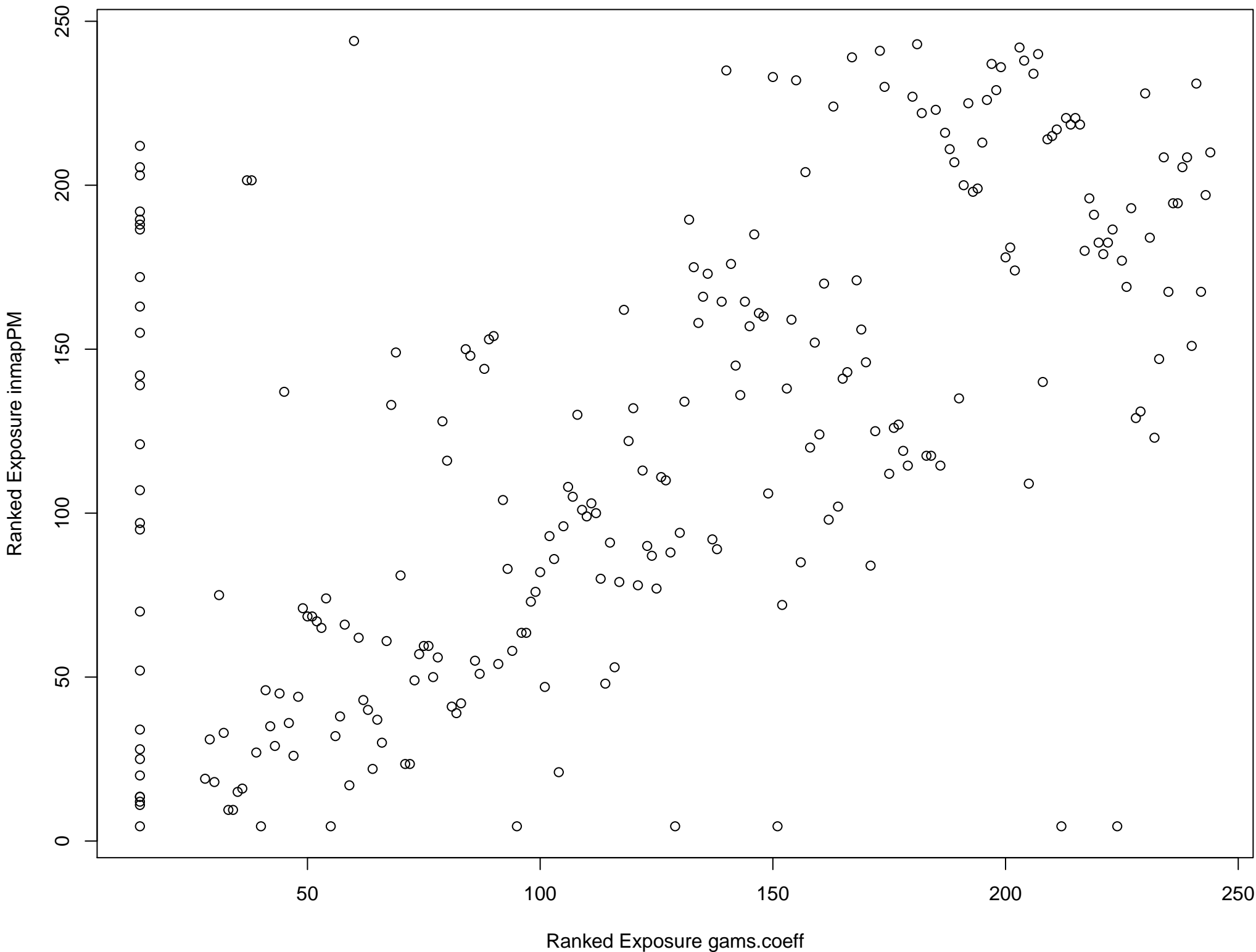
Northeast correlation = 0.14



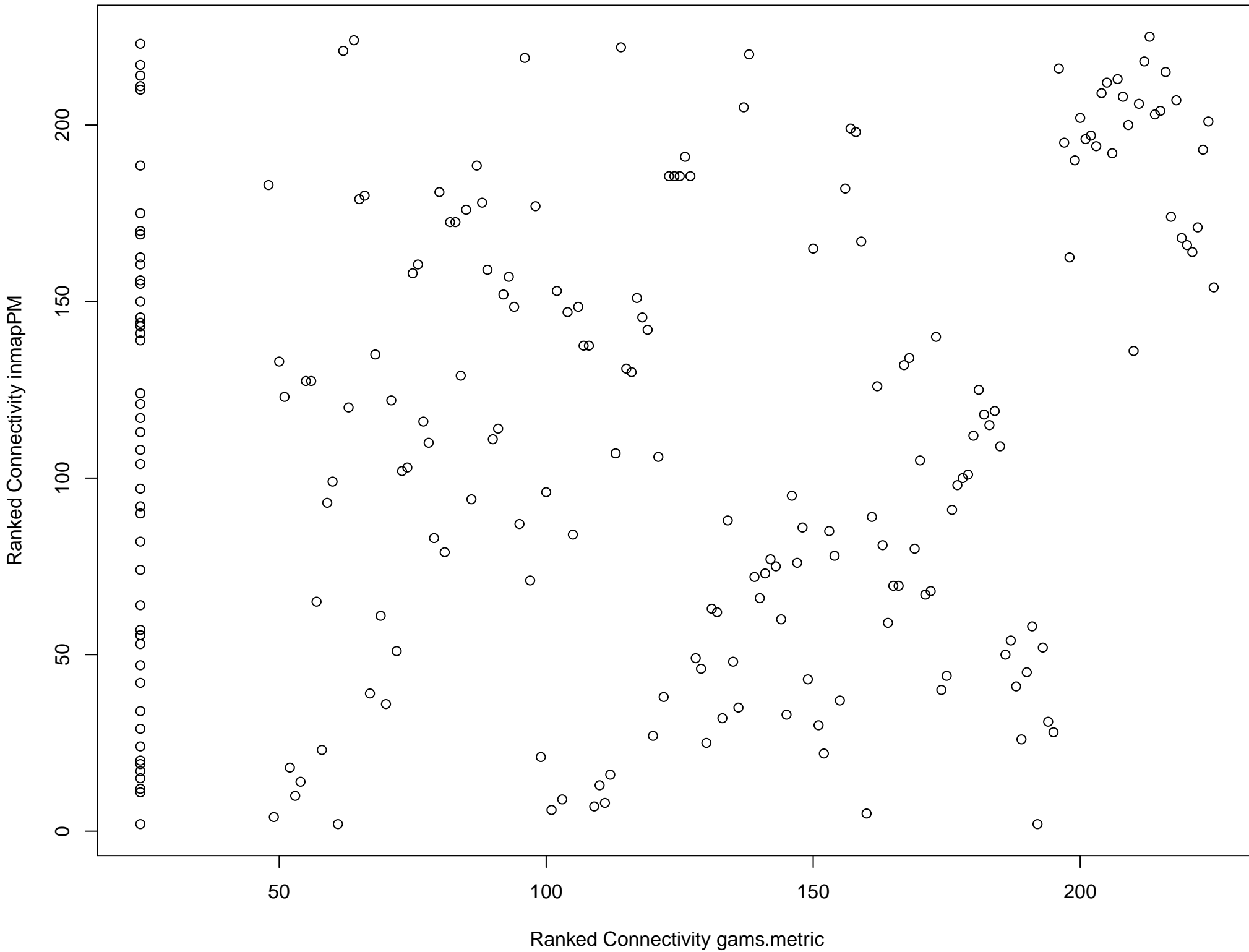
Southeast correlation = 0.08



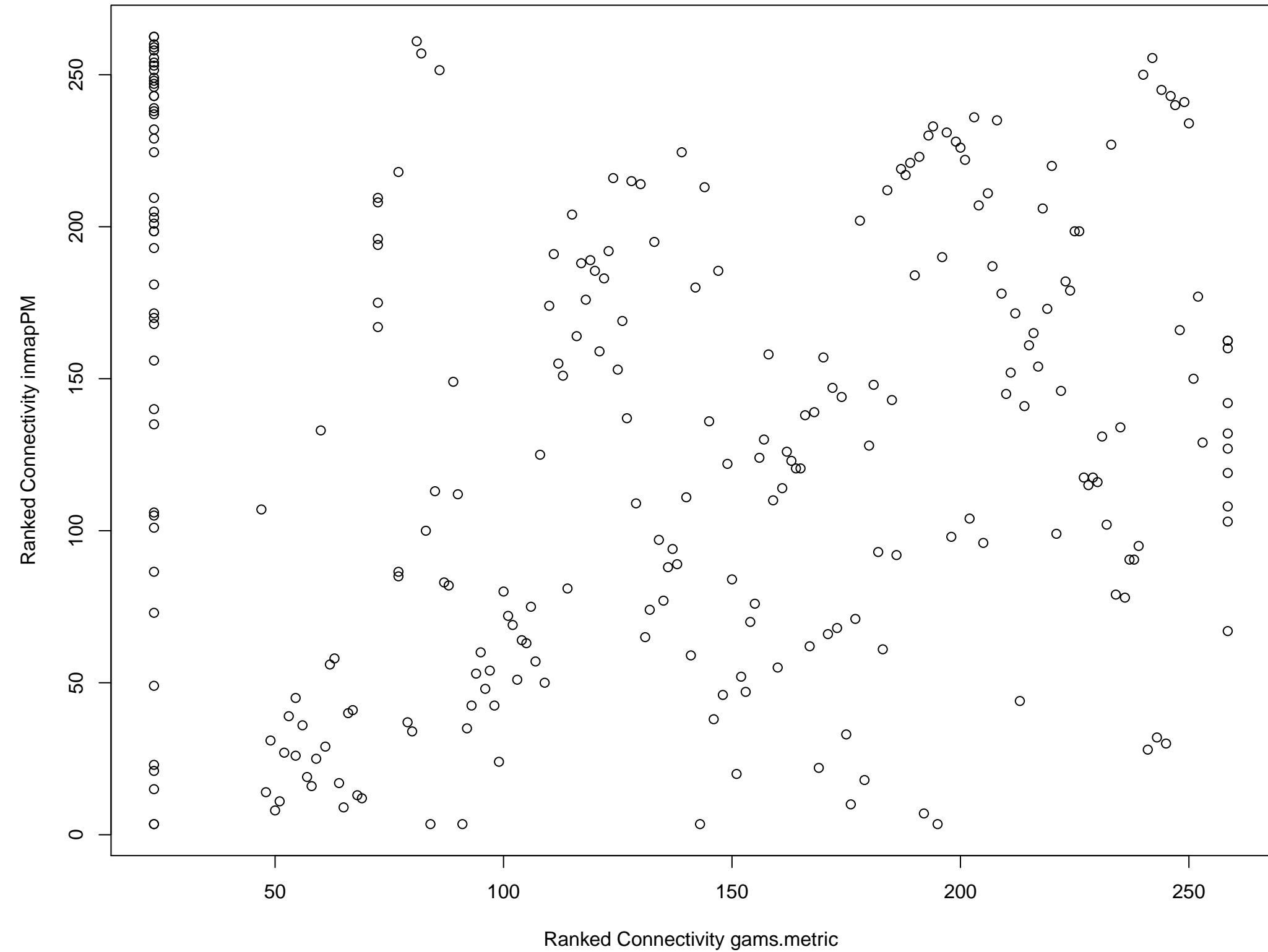
IndustrialMidwest correlation = 0.71



Northeast correlation = 0.18



Southeast correlation = 0.04



IndustrialMidwest correlation = 0.36

