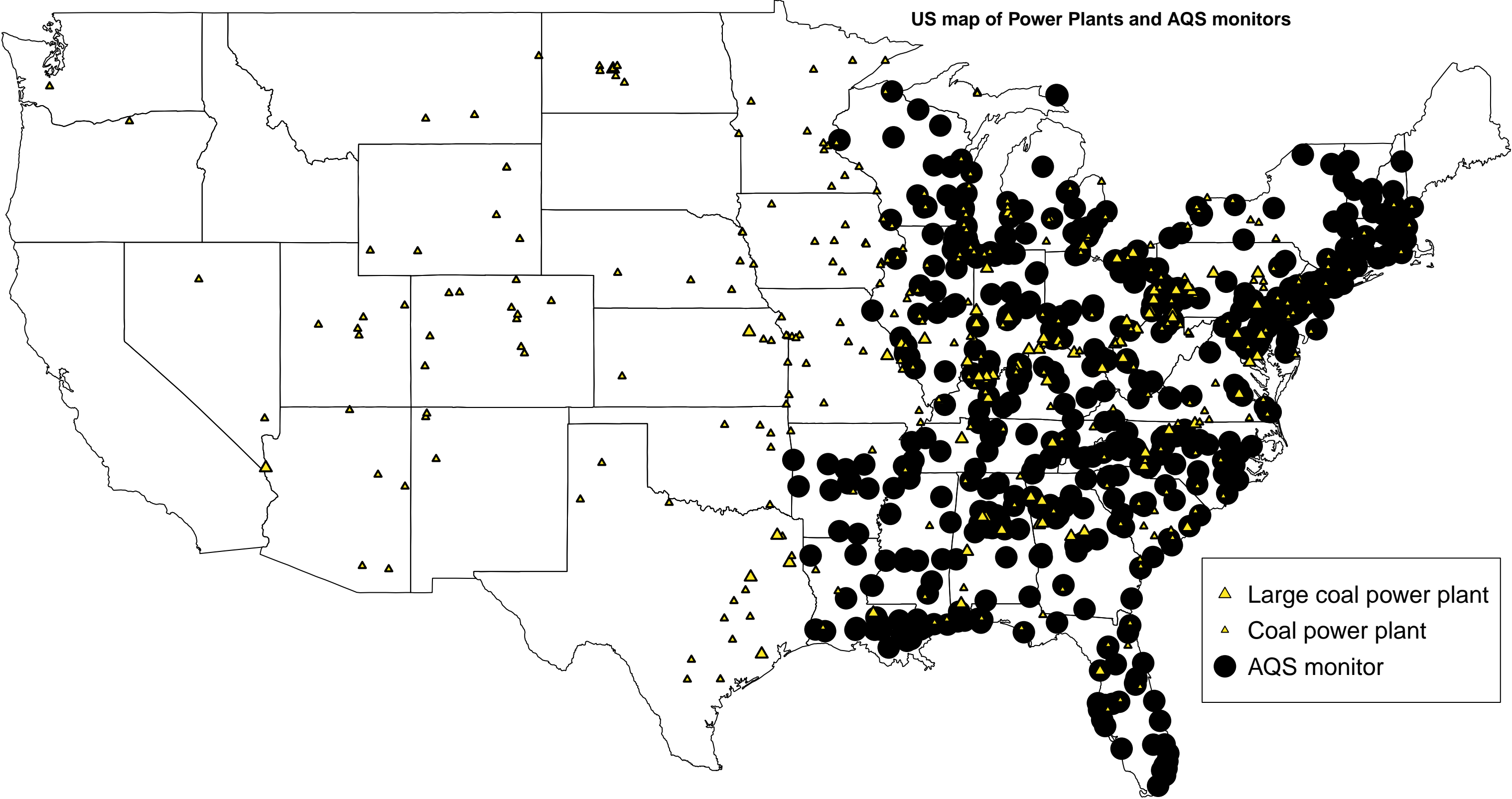
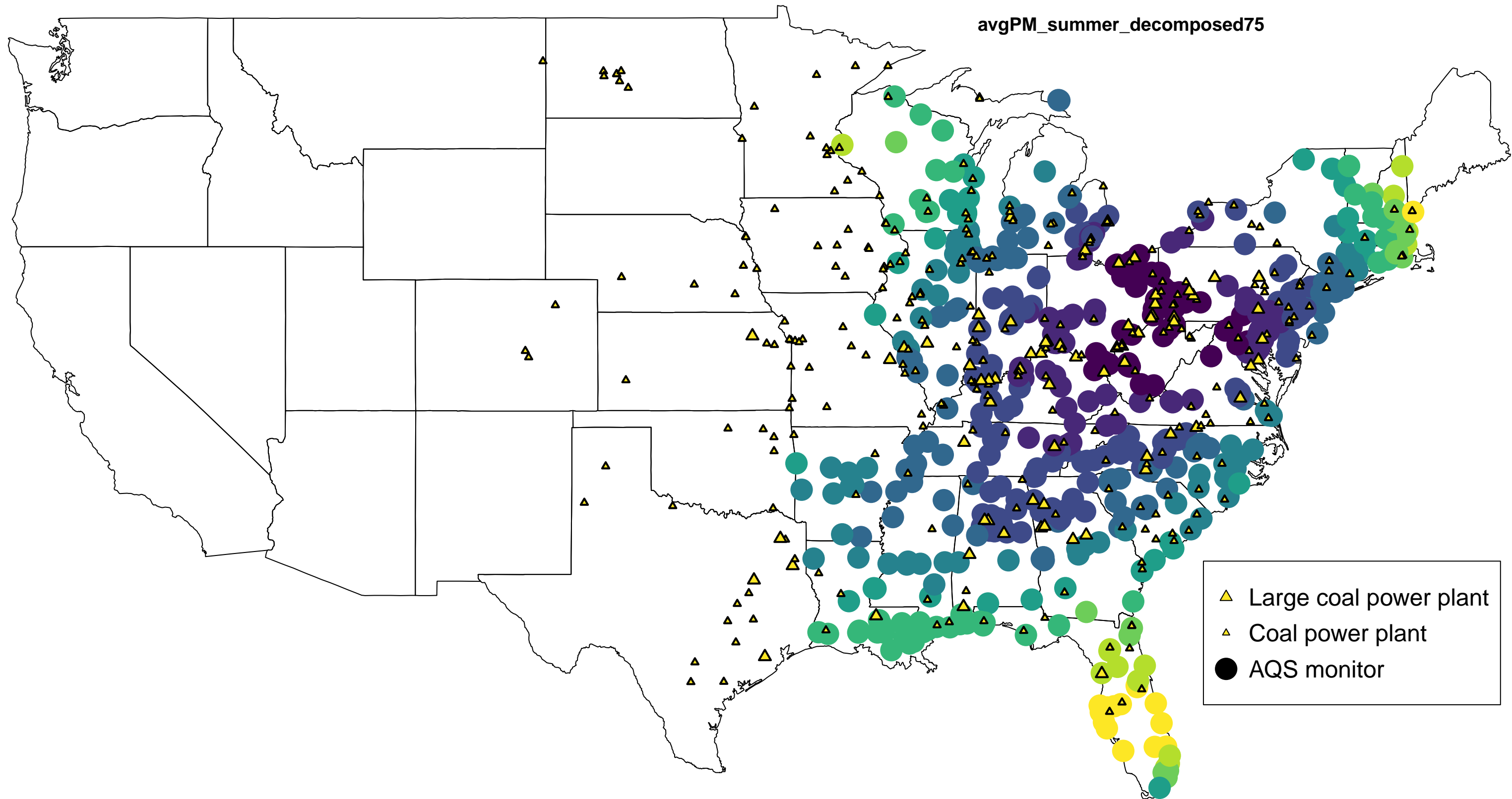
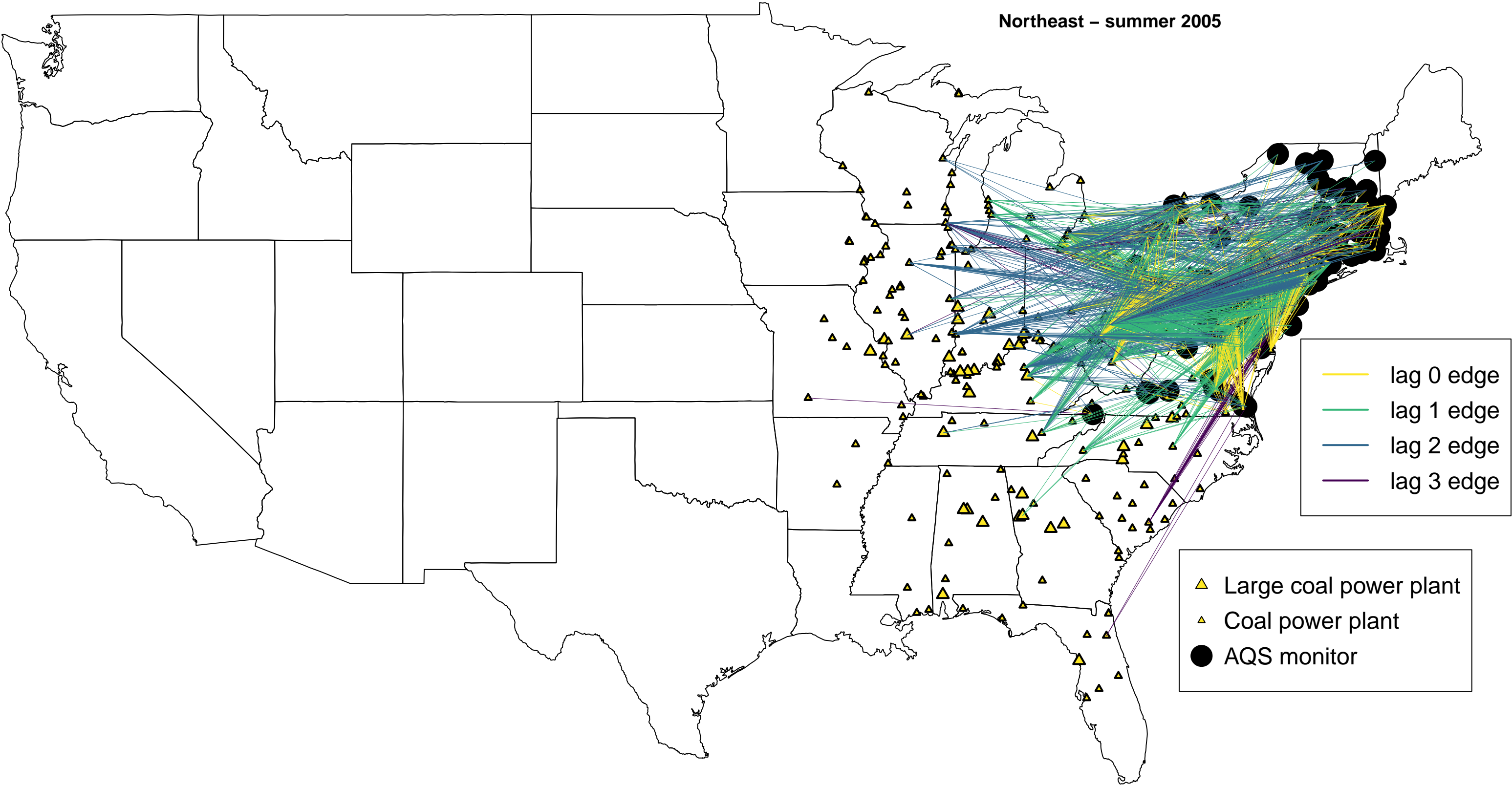


US map of Power Plants and AQS monitors

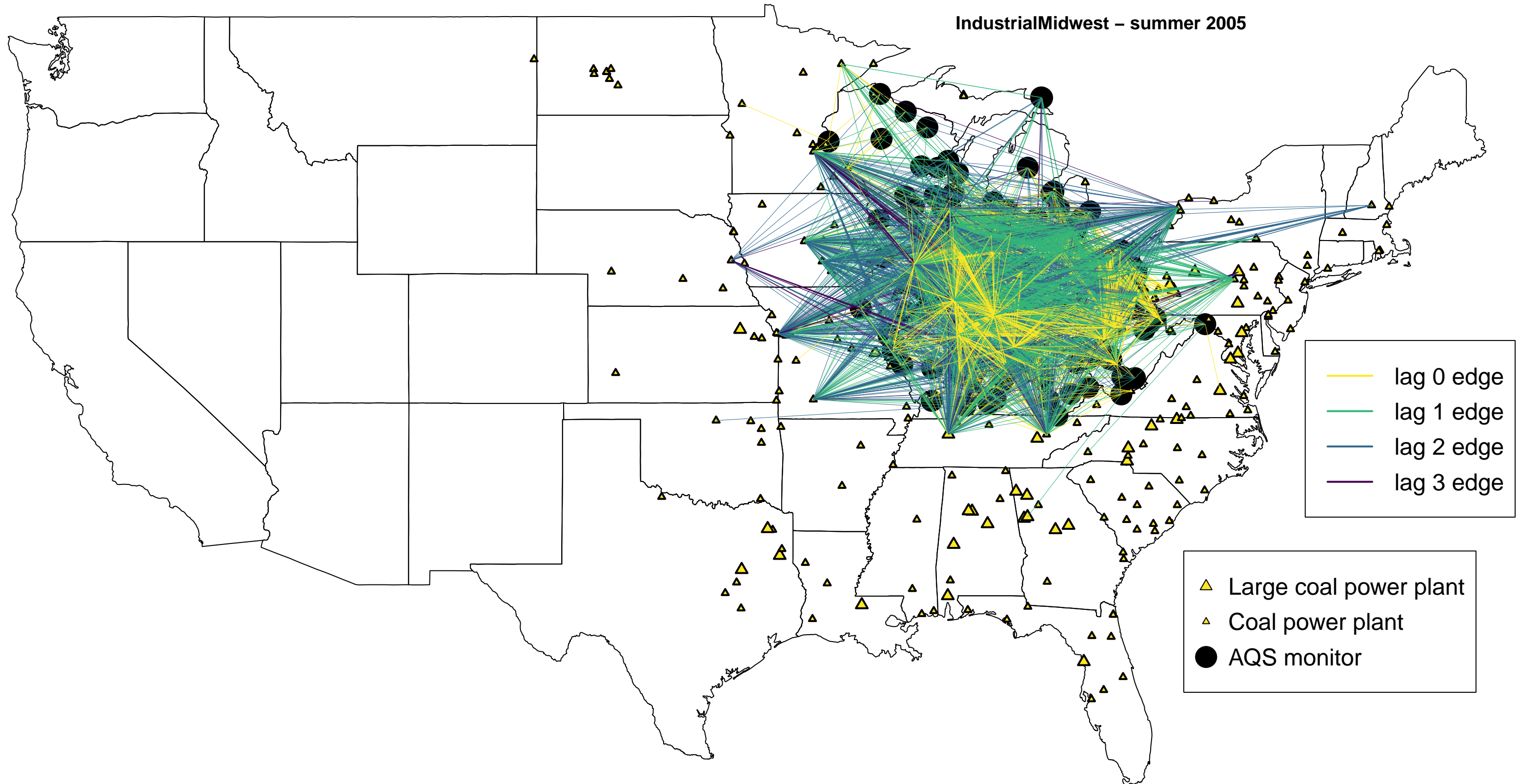




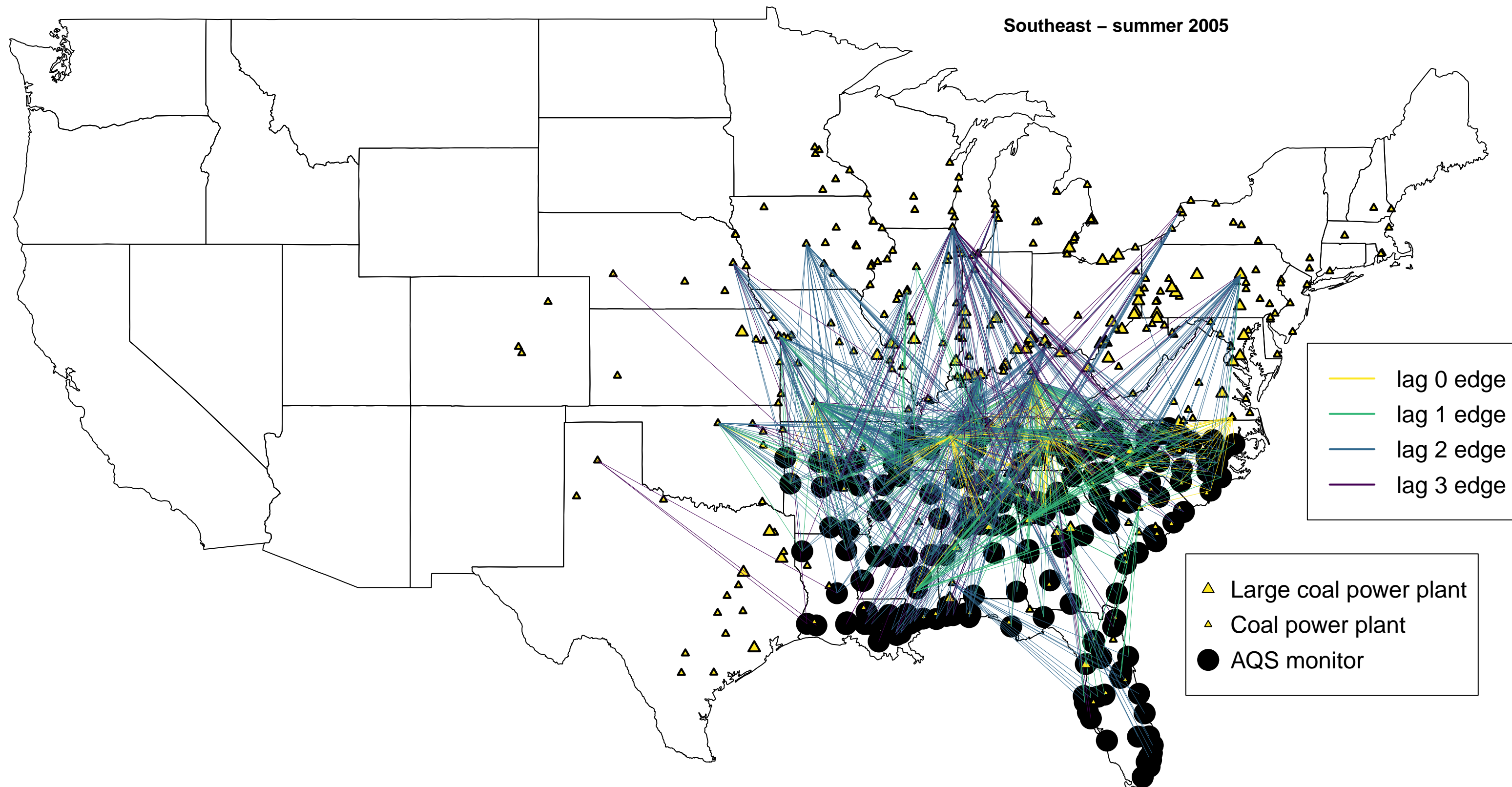
Northeast – summer 2005

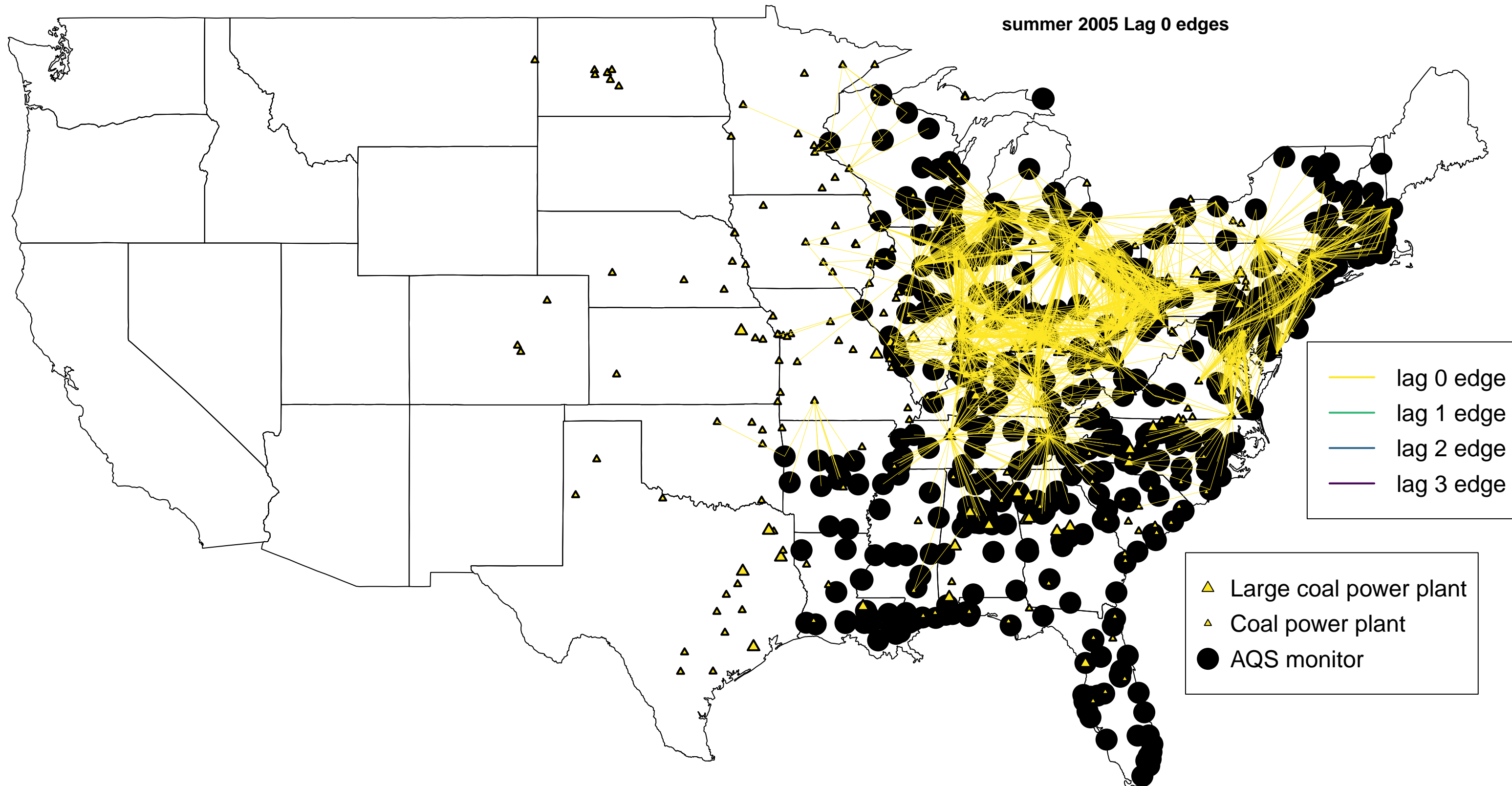


IndustrialMidwest – summer 2005

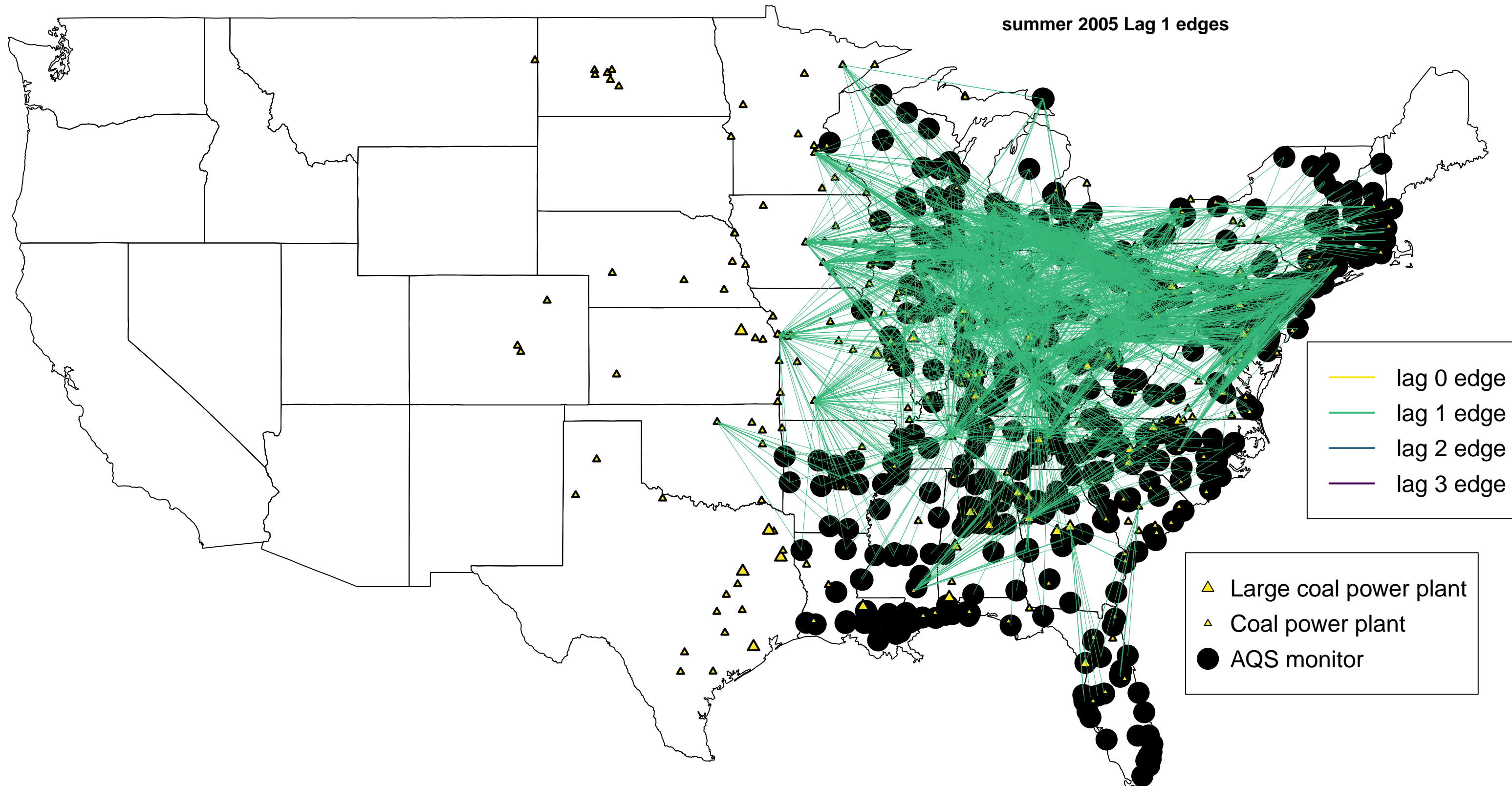


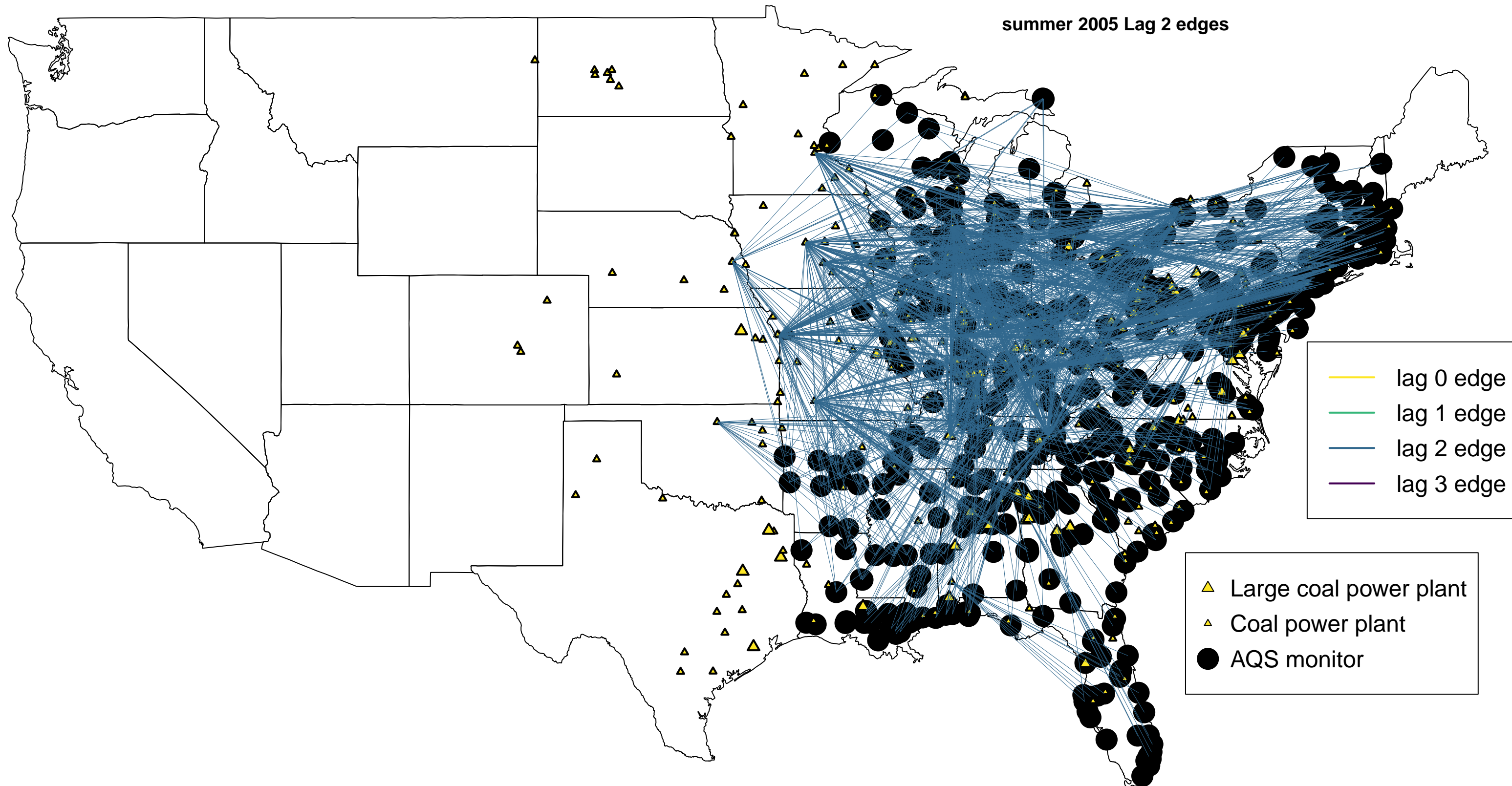




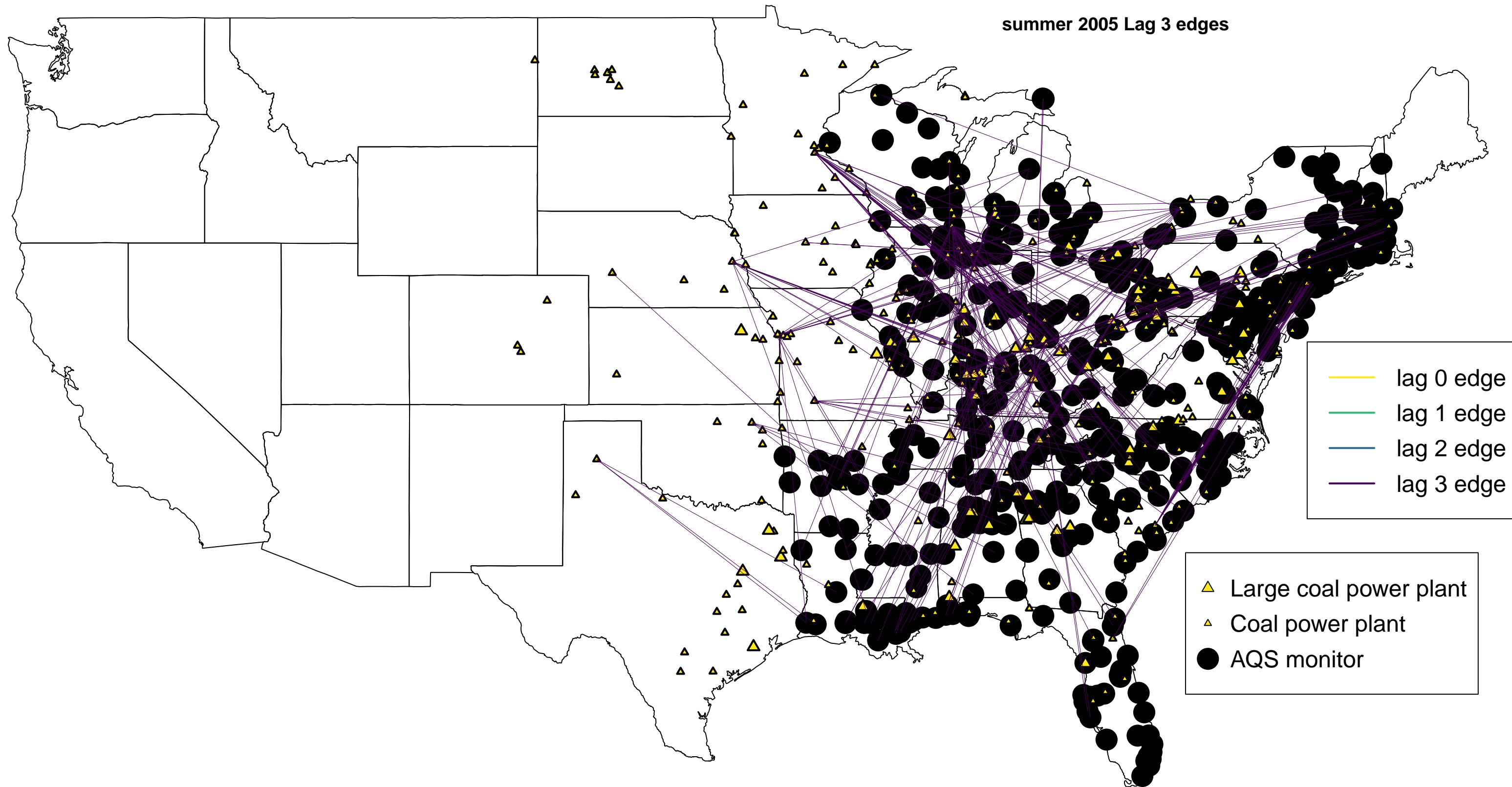




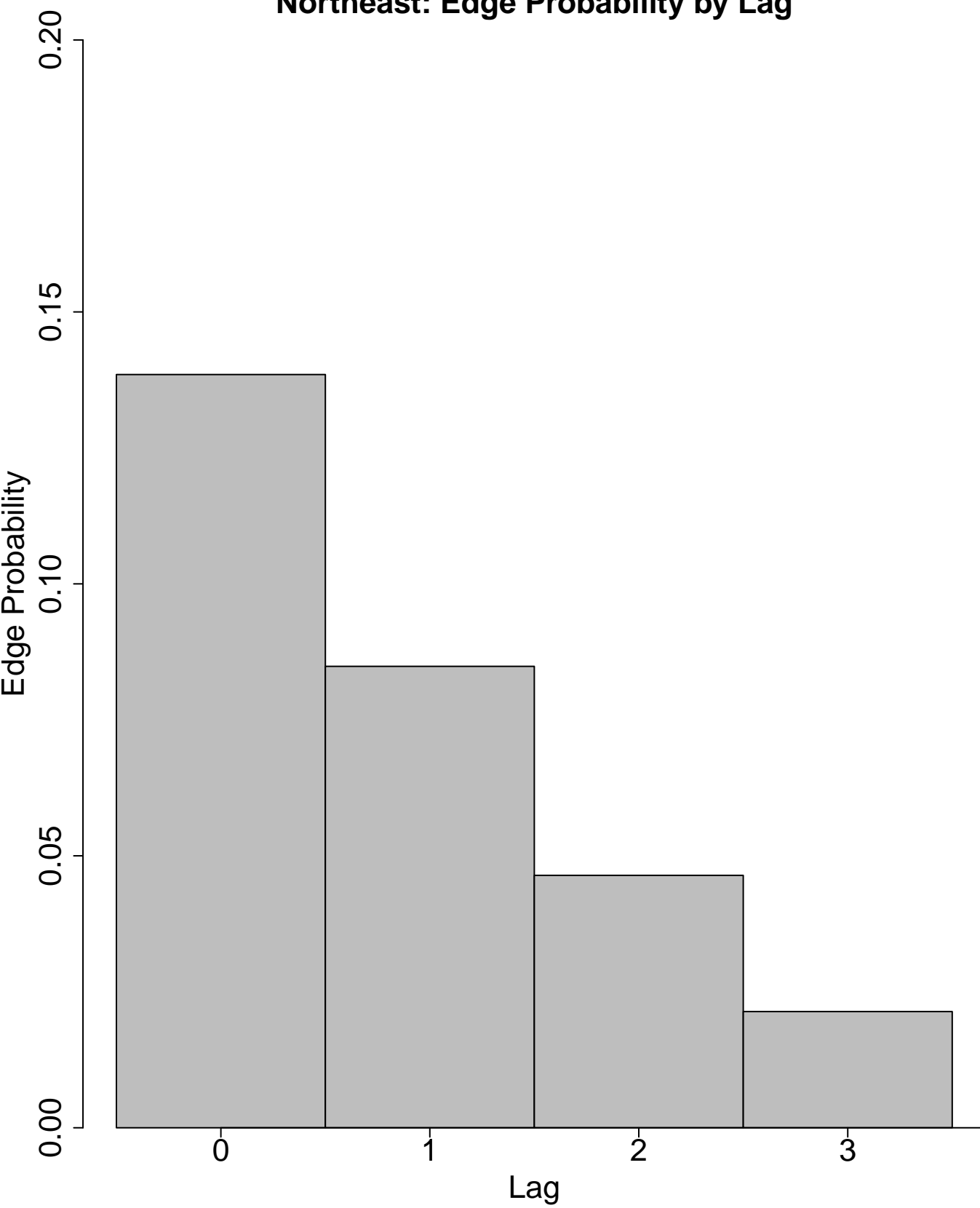




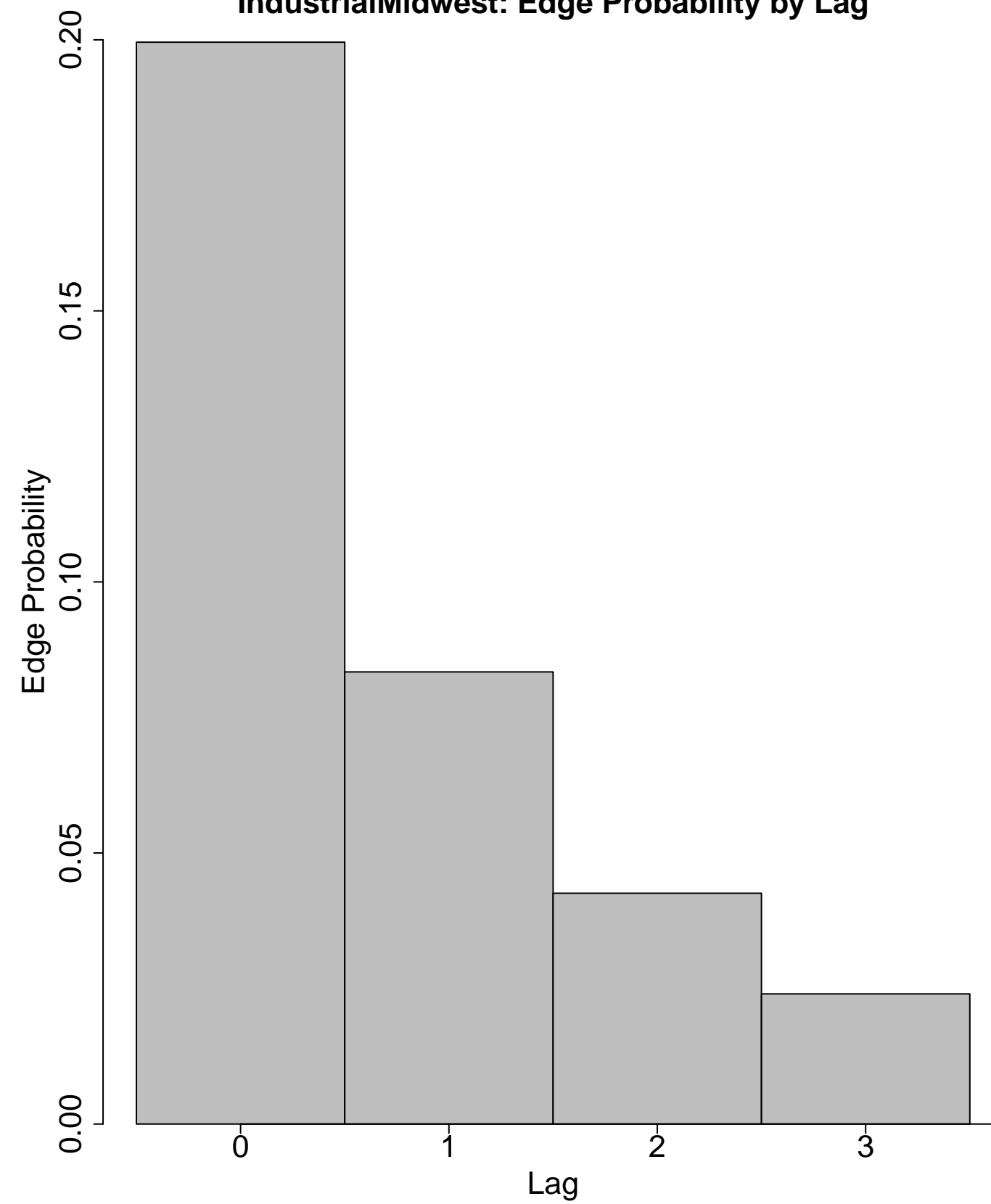




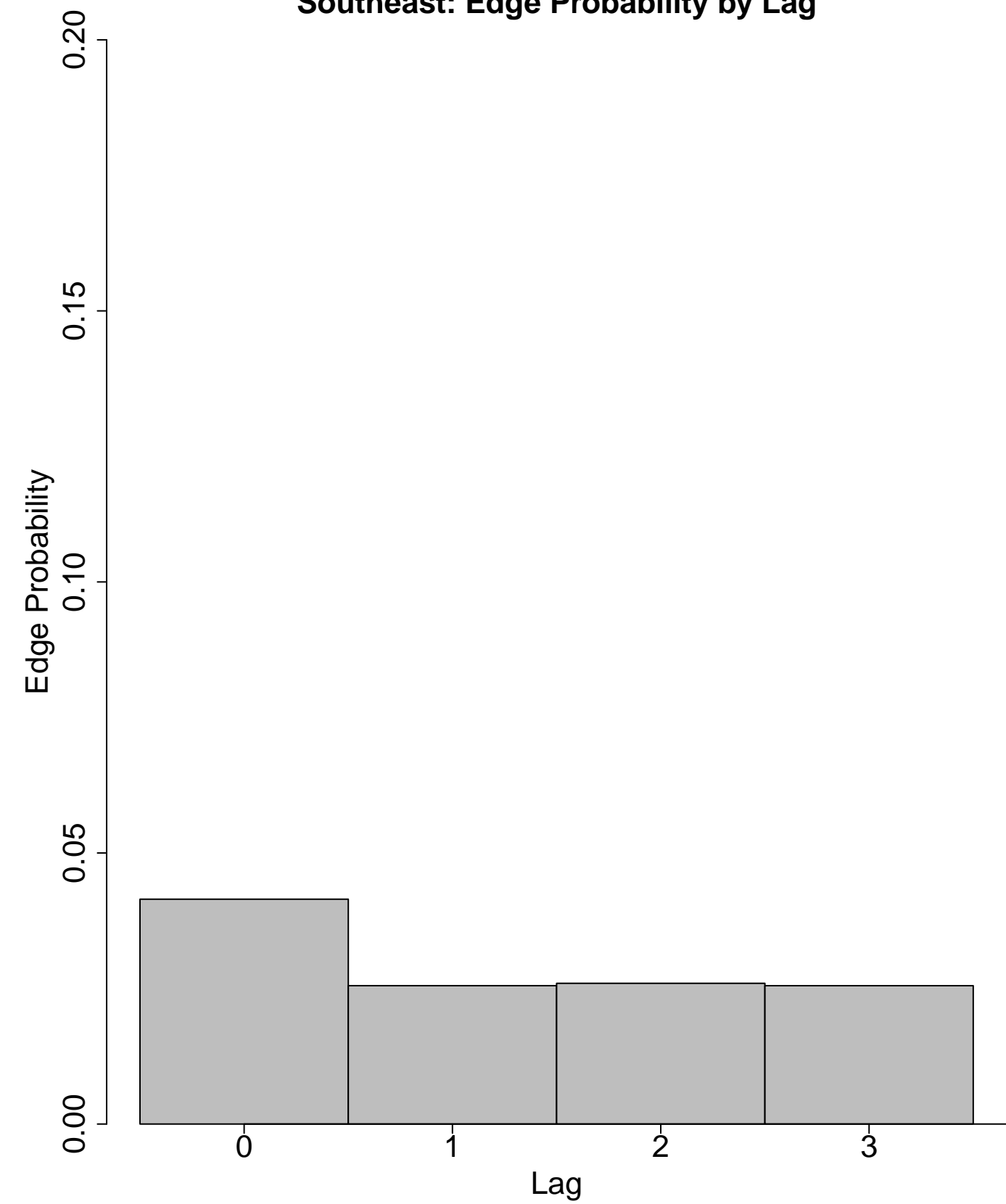
Northeast: Edge Probability by Lag



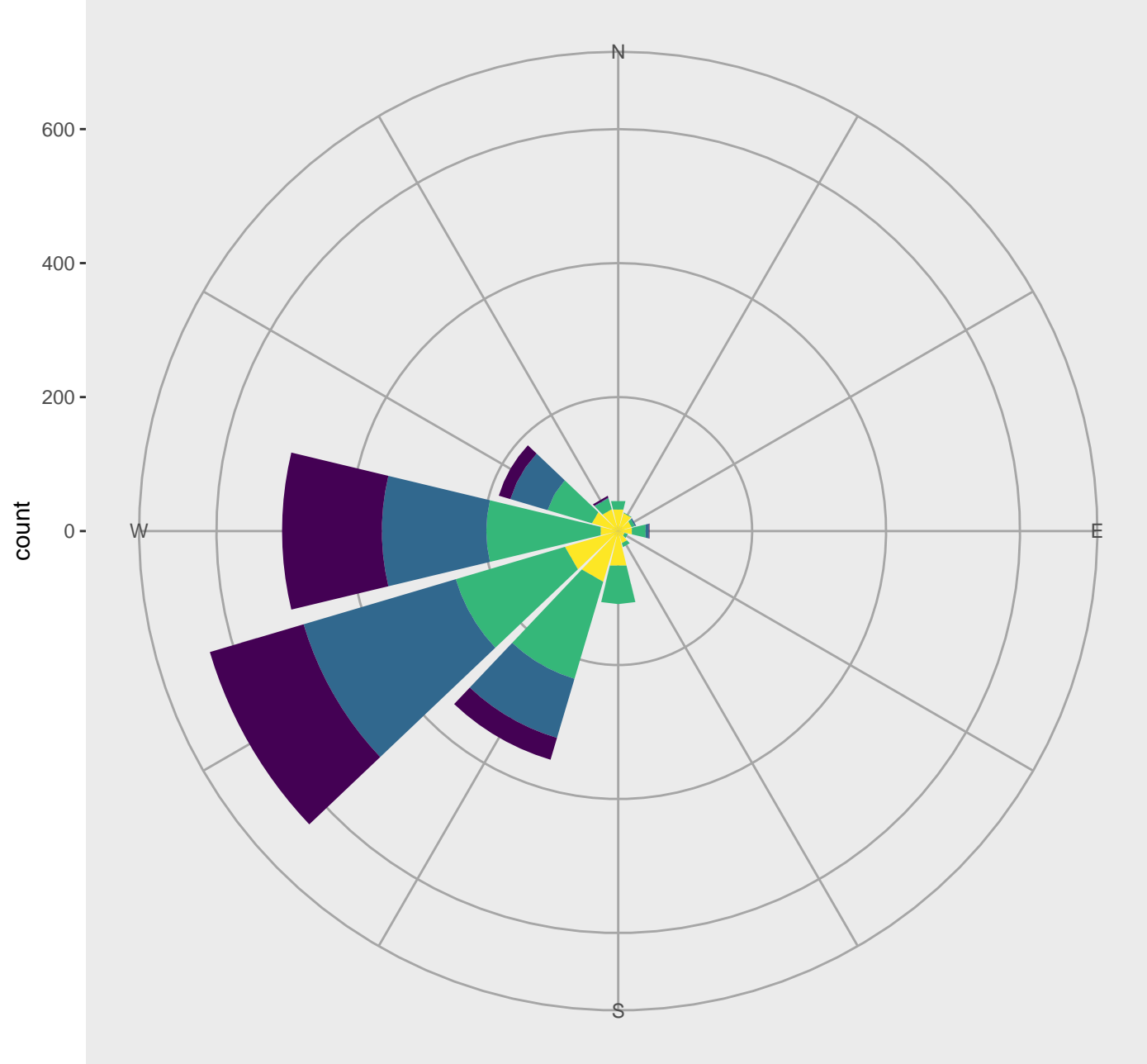
IndustrialMidwest: Edge Probability by Lag



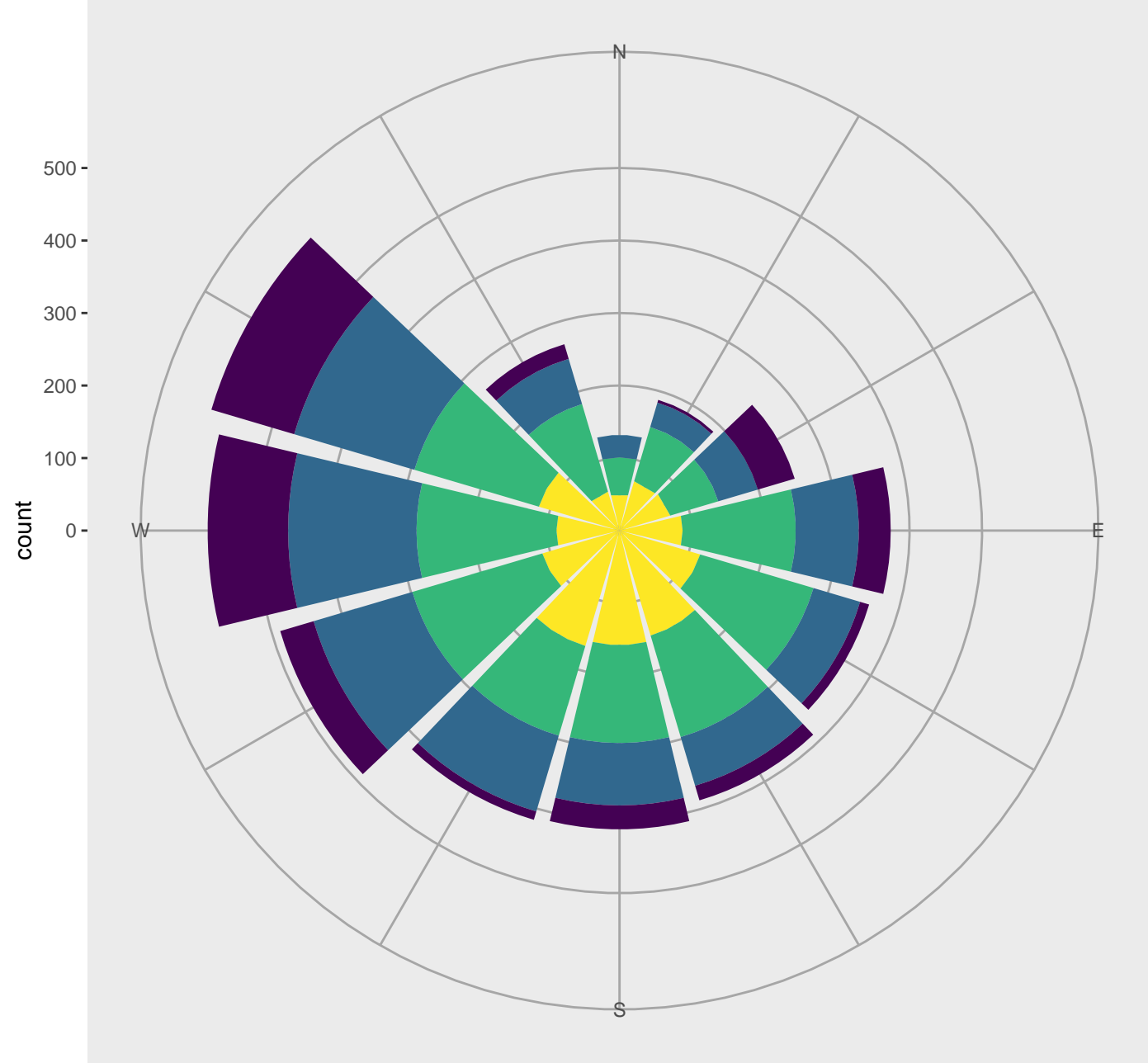
Southeast: Edge Probability by Lag



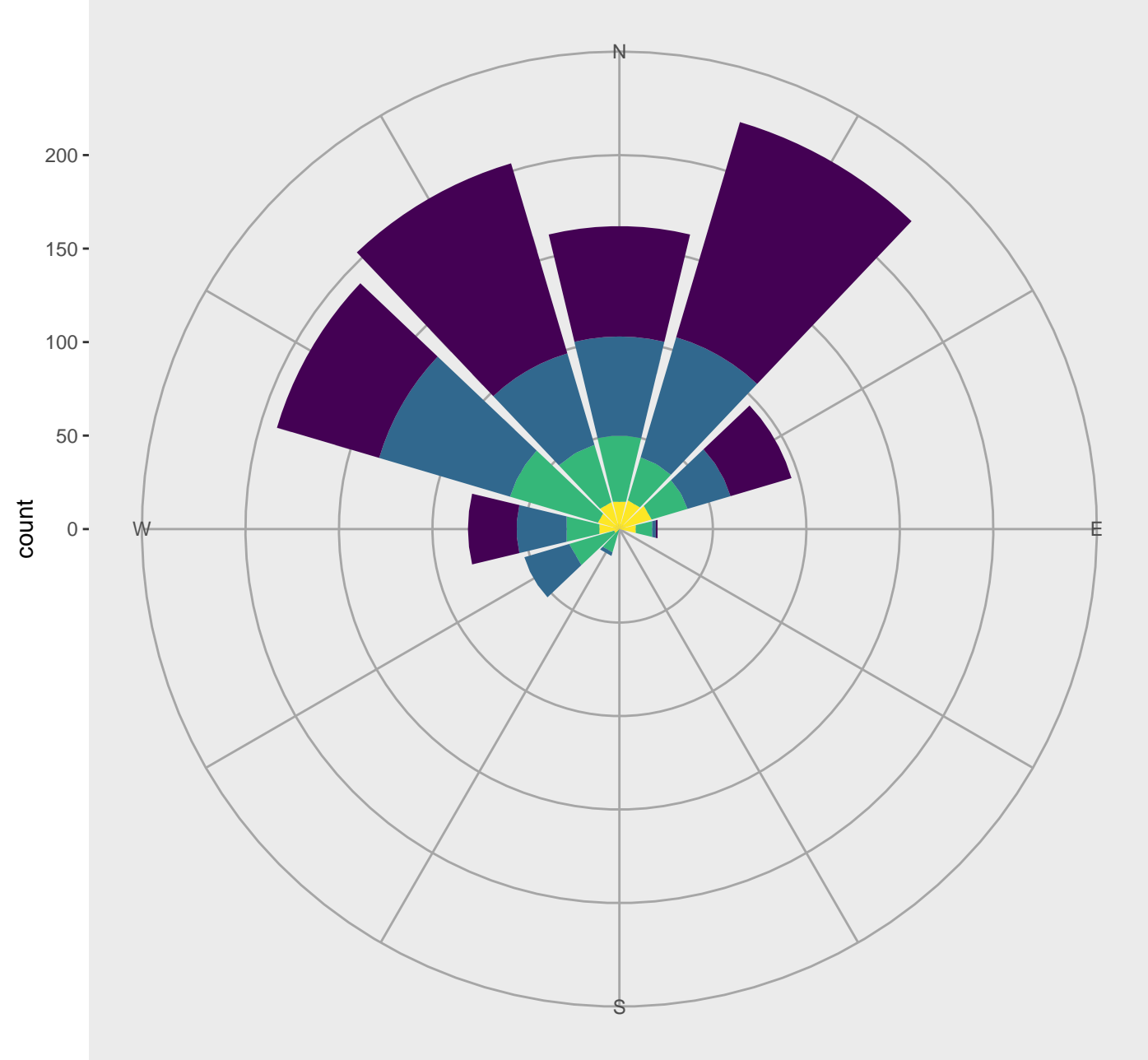
Northeast receptors: Edges by distance and direction to source



IndustrialMidwest receptors: Edges by distance and direction to source



Southeast receptors: Edges by distance and direction to source



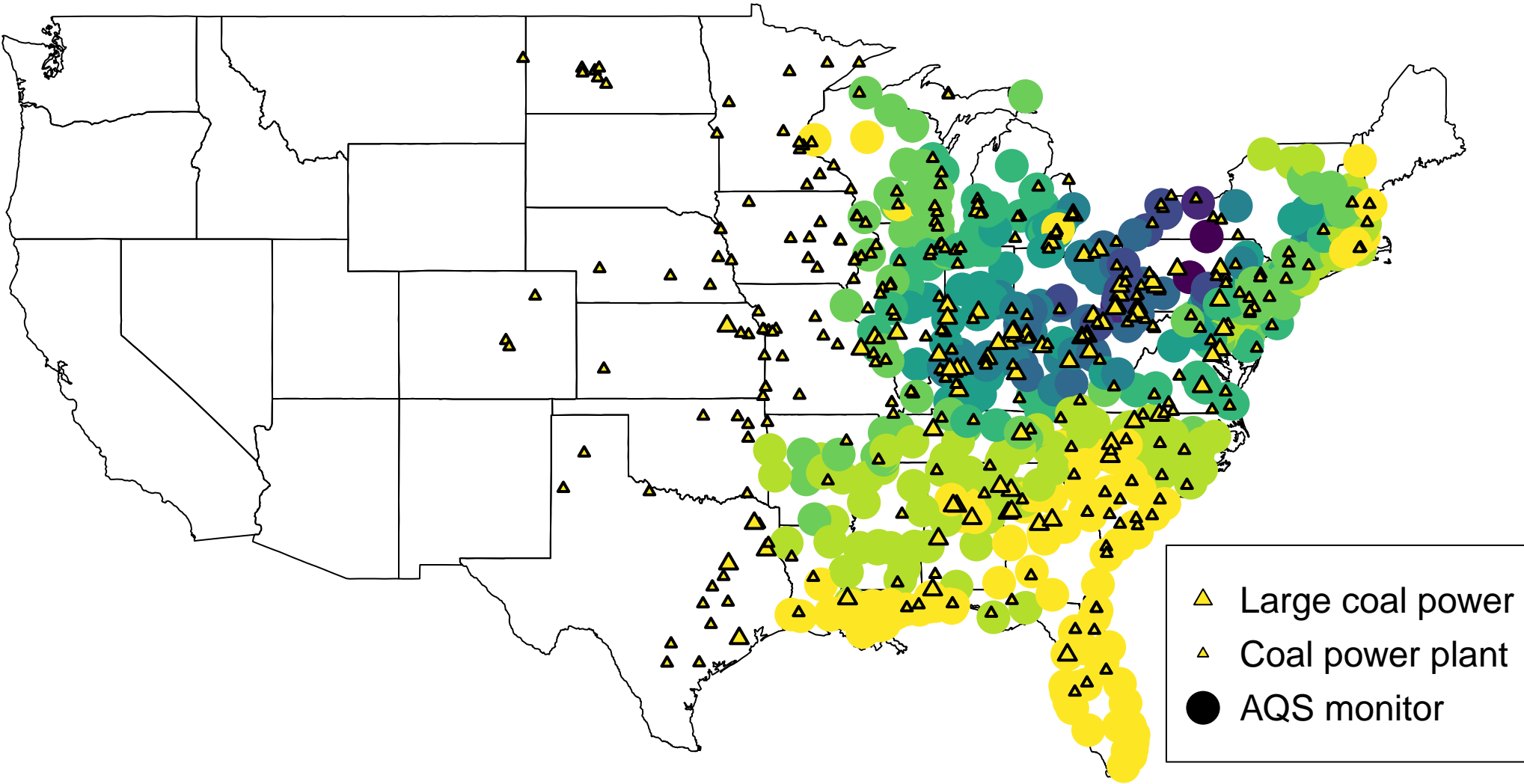
Distance to Source (km) 750-1000 500-750 250-500 0-250

Distance to Source (km) 750-1000 500-750 250-500 0-250

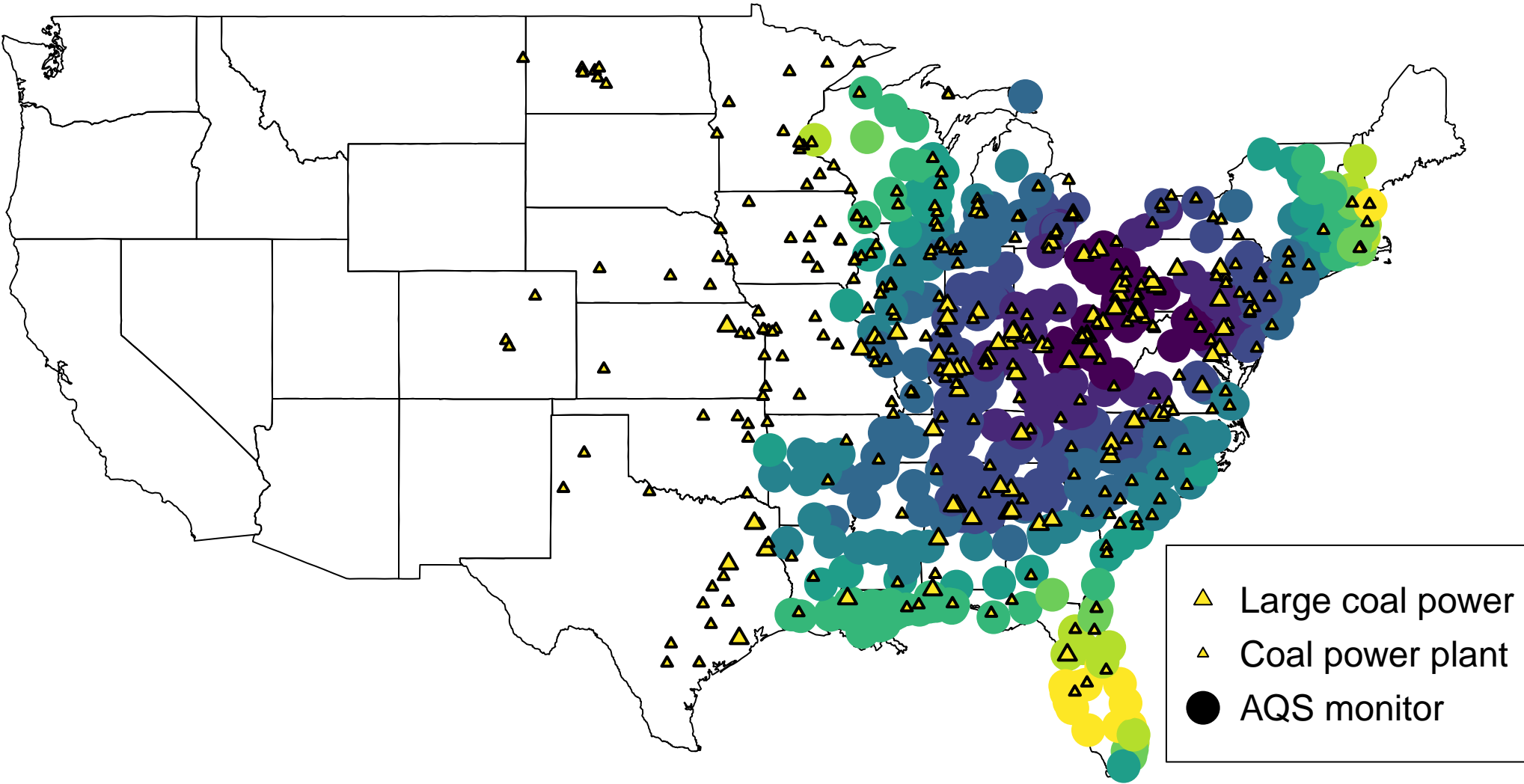
Distance to Source (km) 750-1000 500-750 250-500 0-250



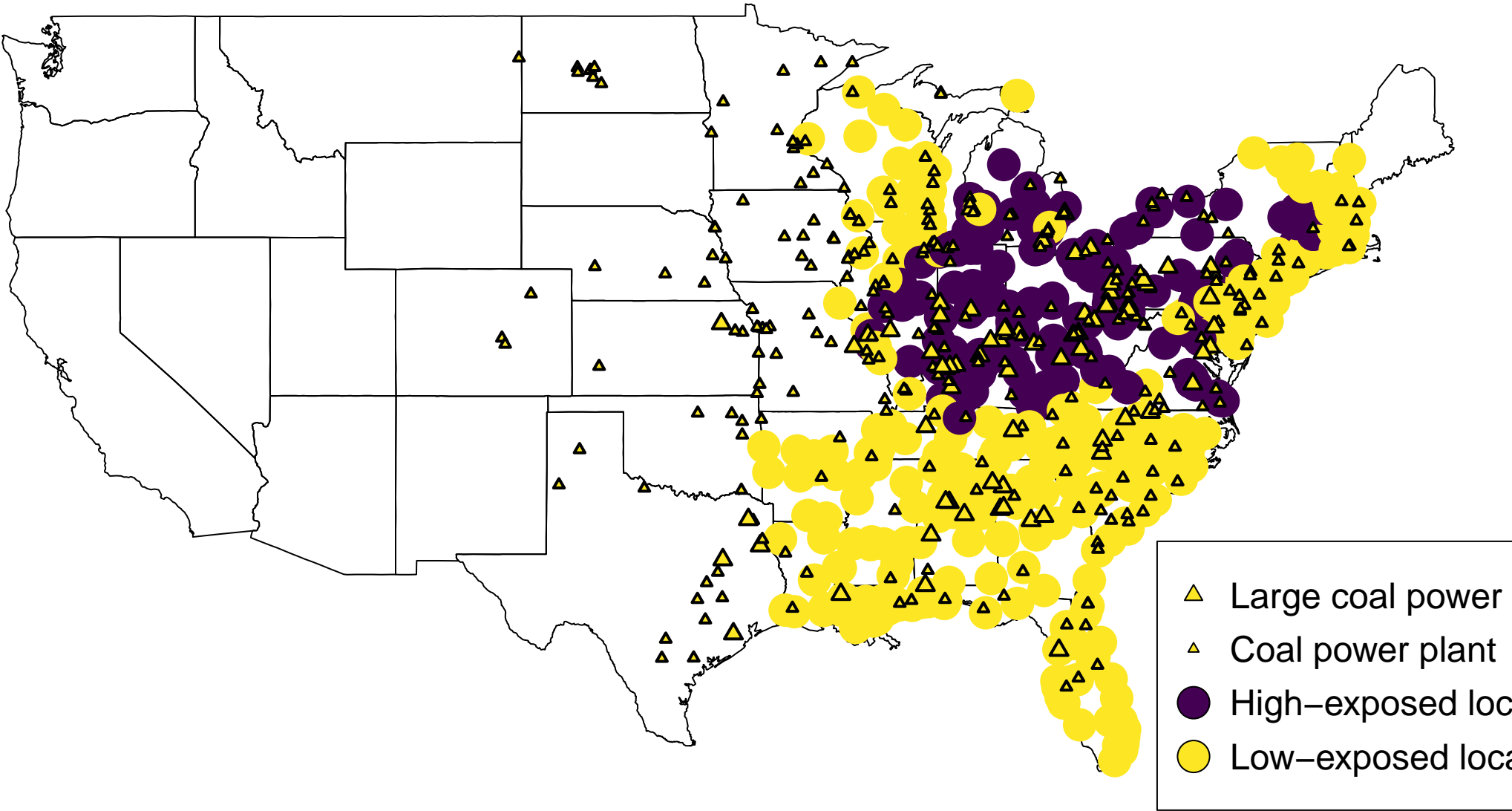
sum of gams.coeff summer 2005



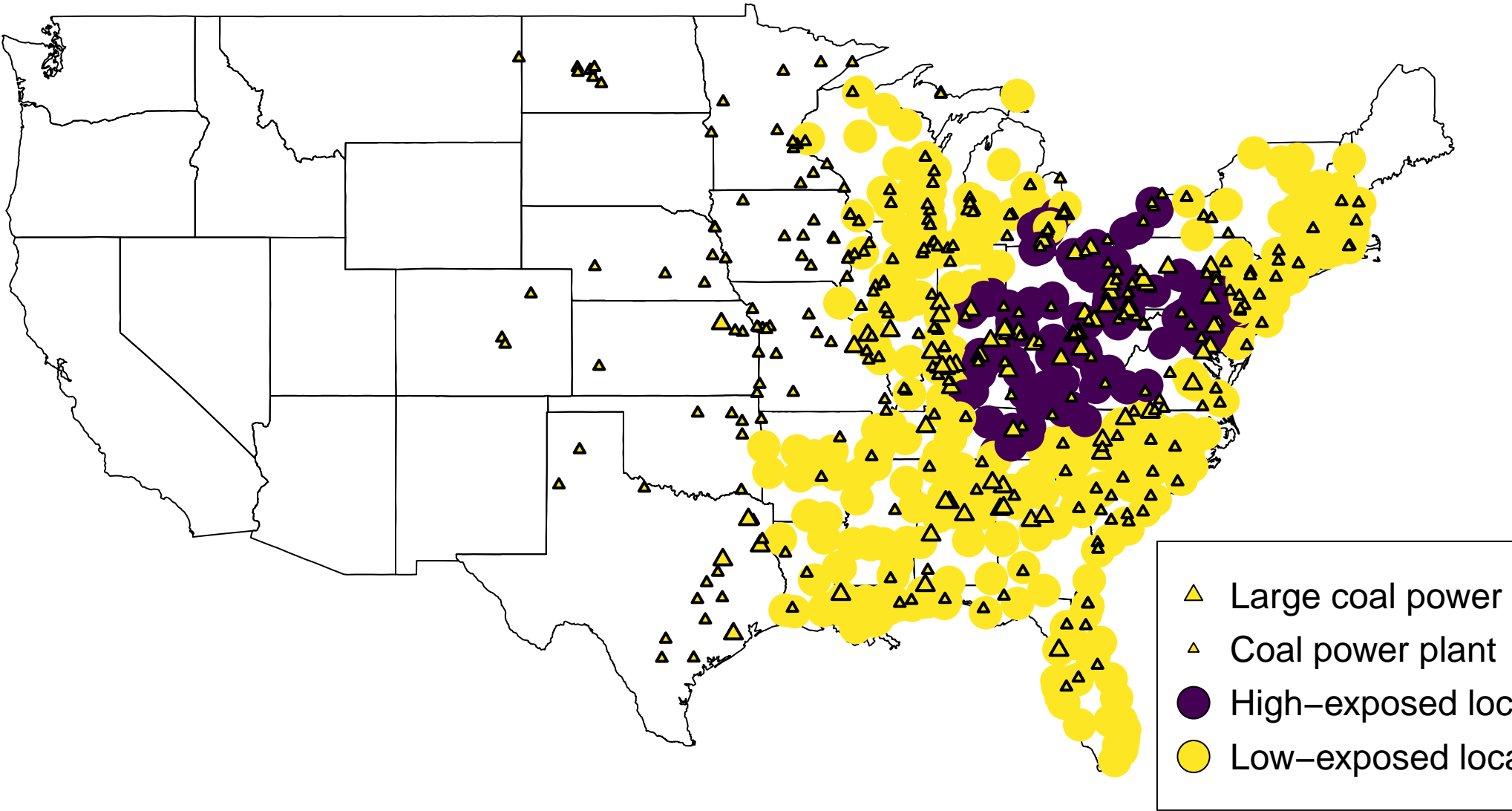
avgPM\_decomposed75 summer 2005



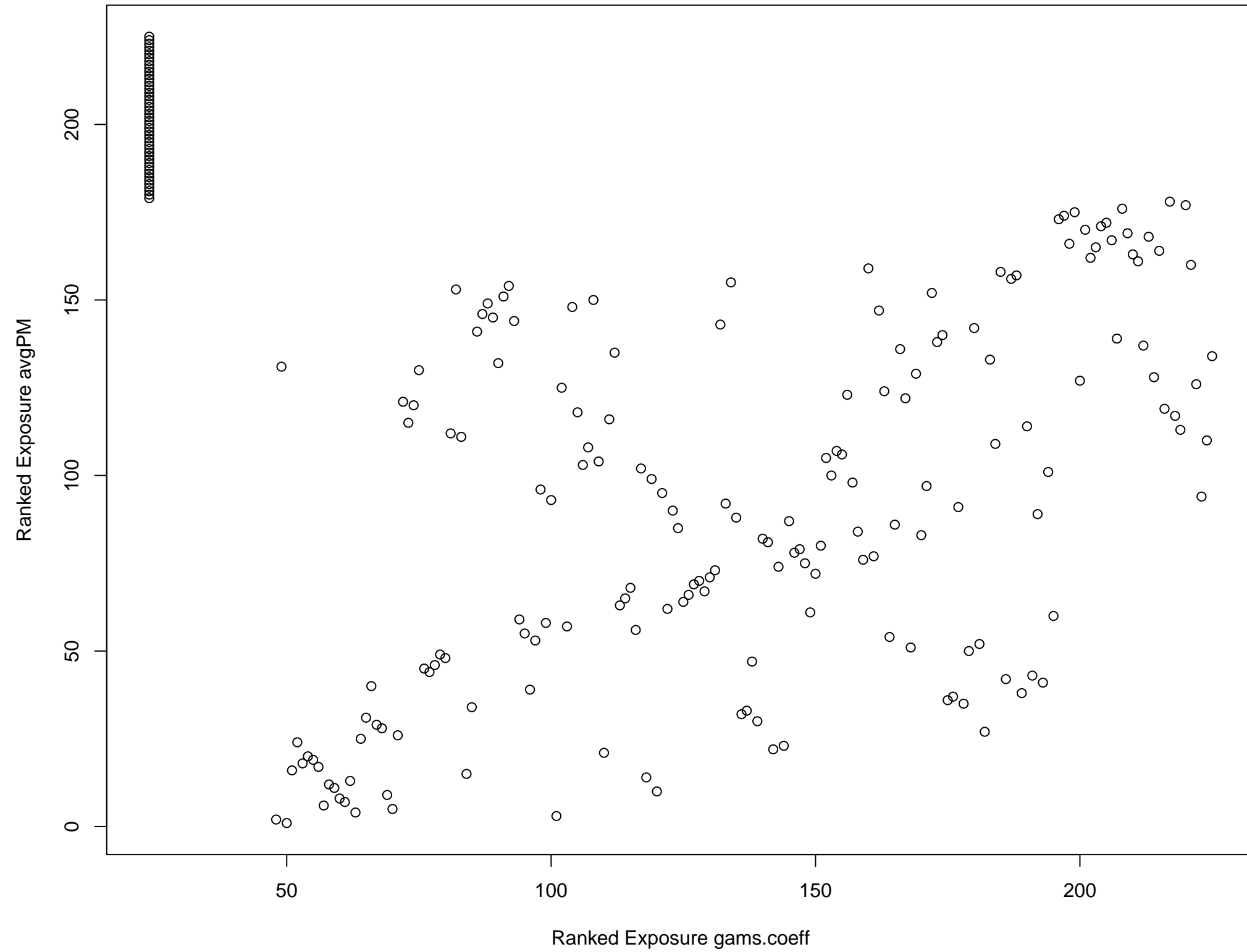
sum of gams.coeff summer 2005



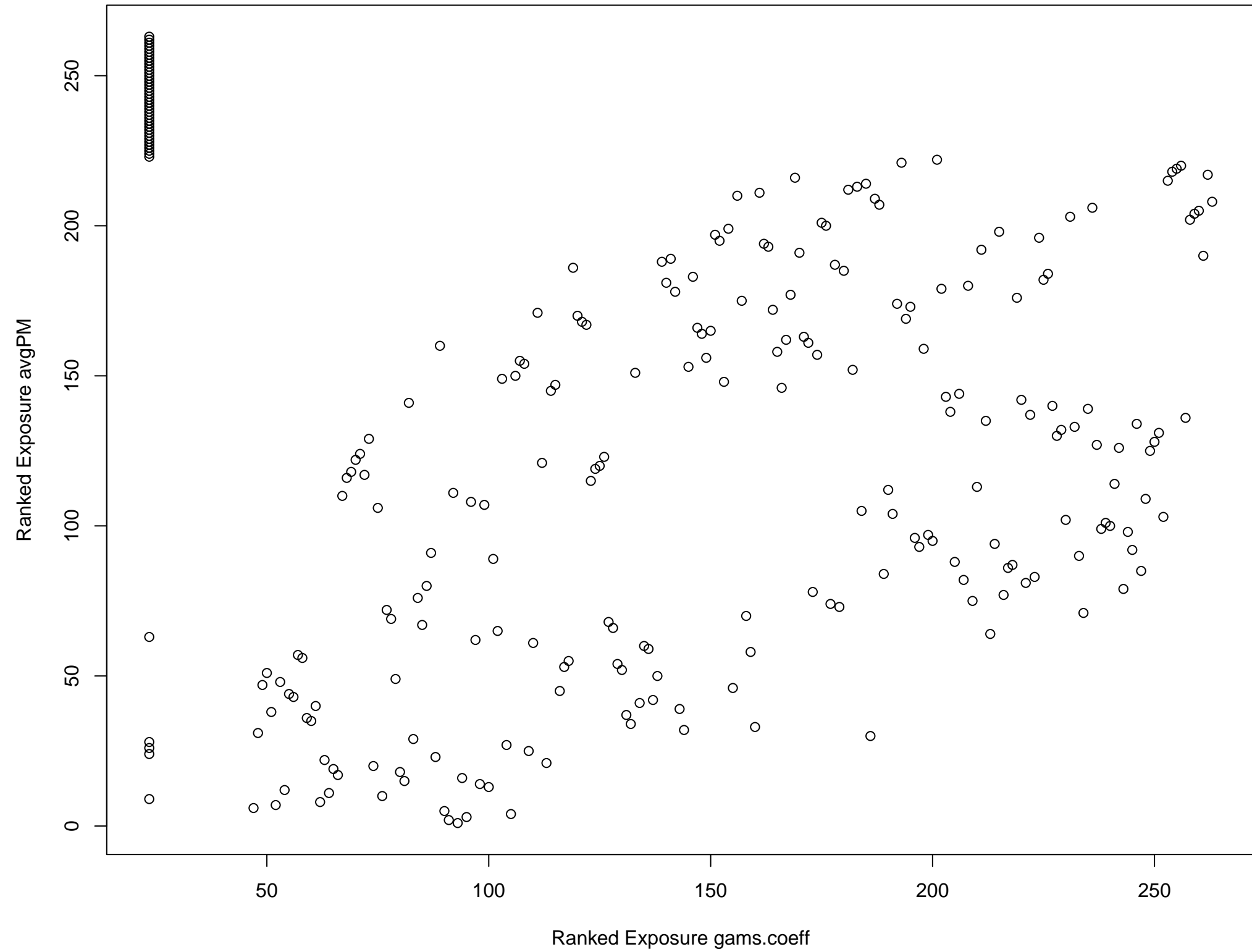
avgPM\_decomposed75 summer 2005



Northeast correlation = 0.55

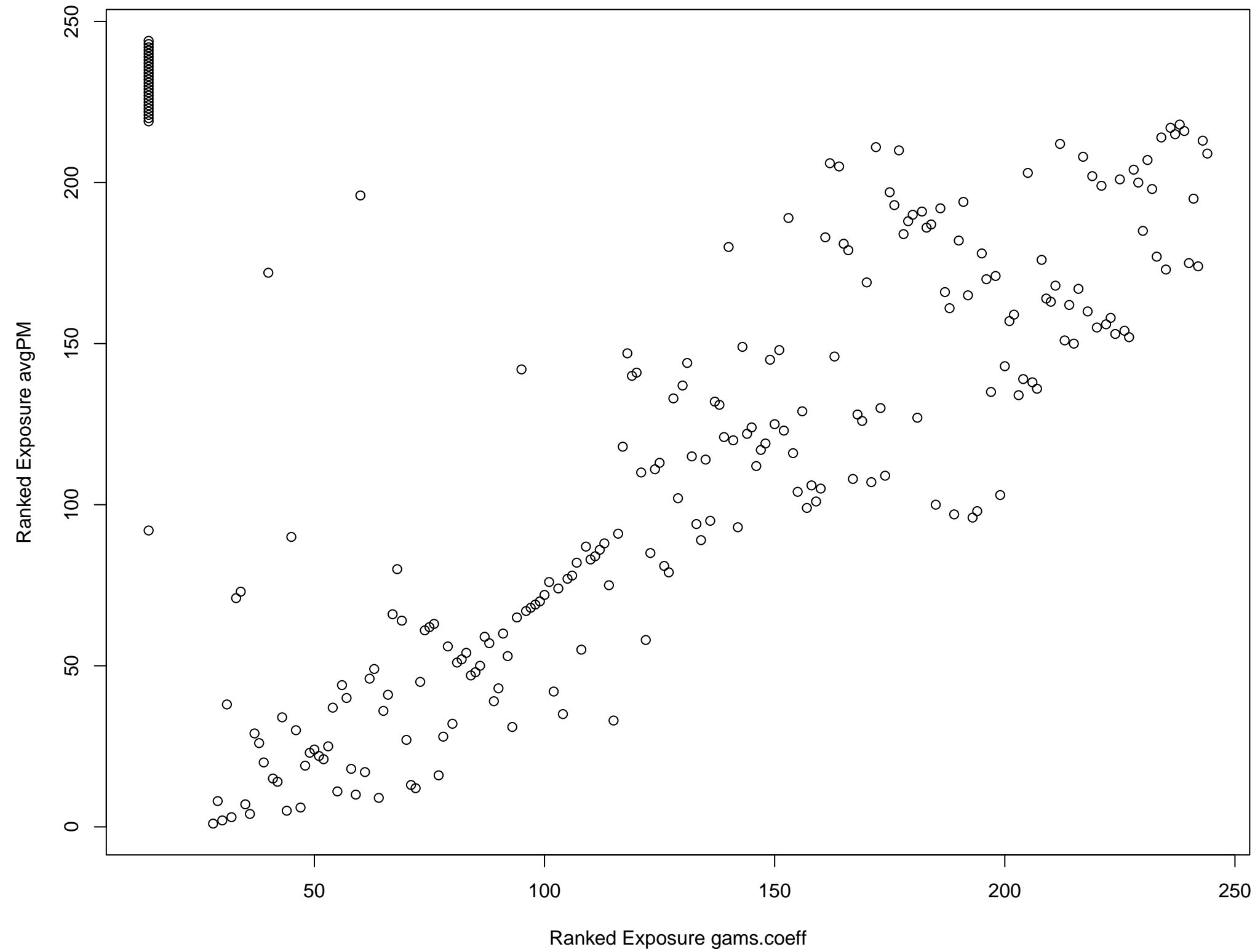


Southeast correlation = 0.53

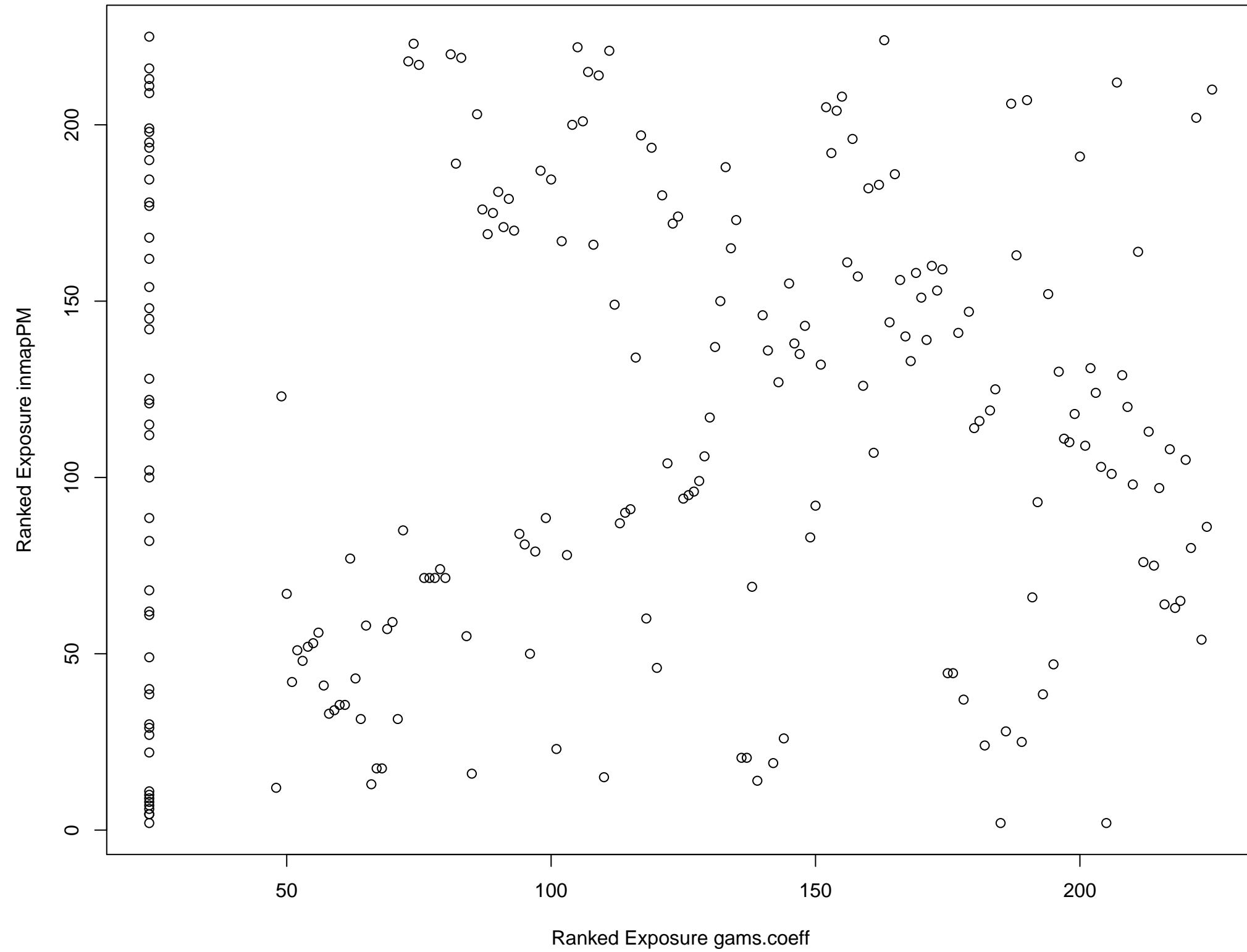




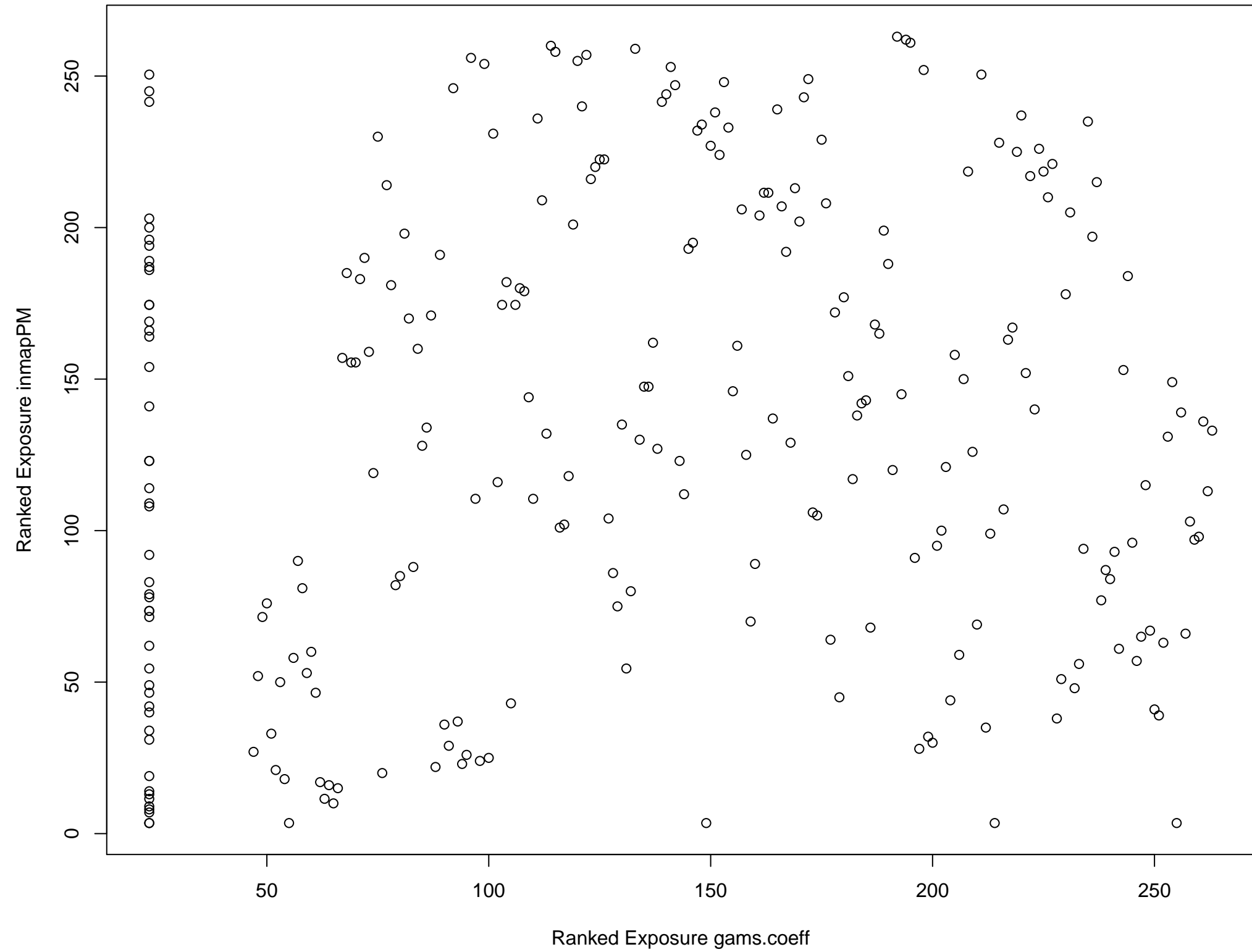
IndustrialMidwest correlation = 0.87



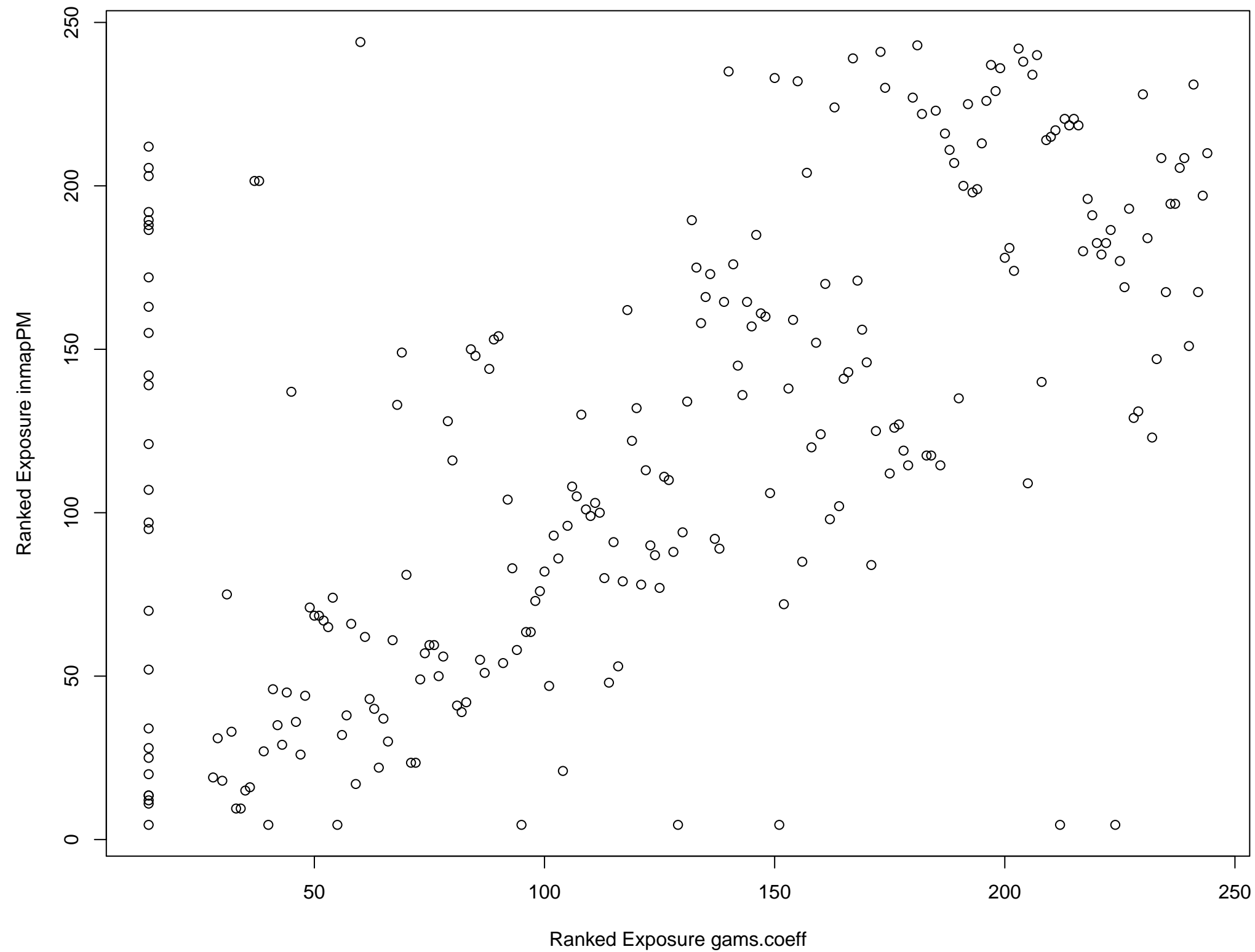
Northeast correlation = 0.14



Southeast correlation = 0.08

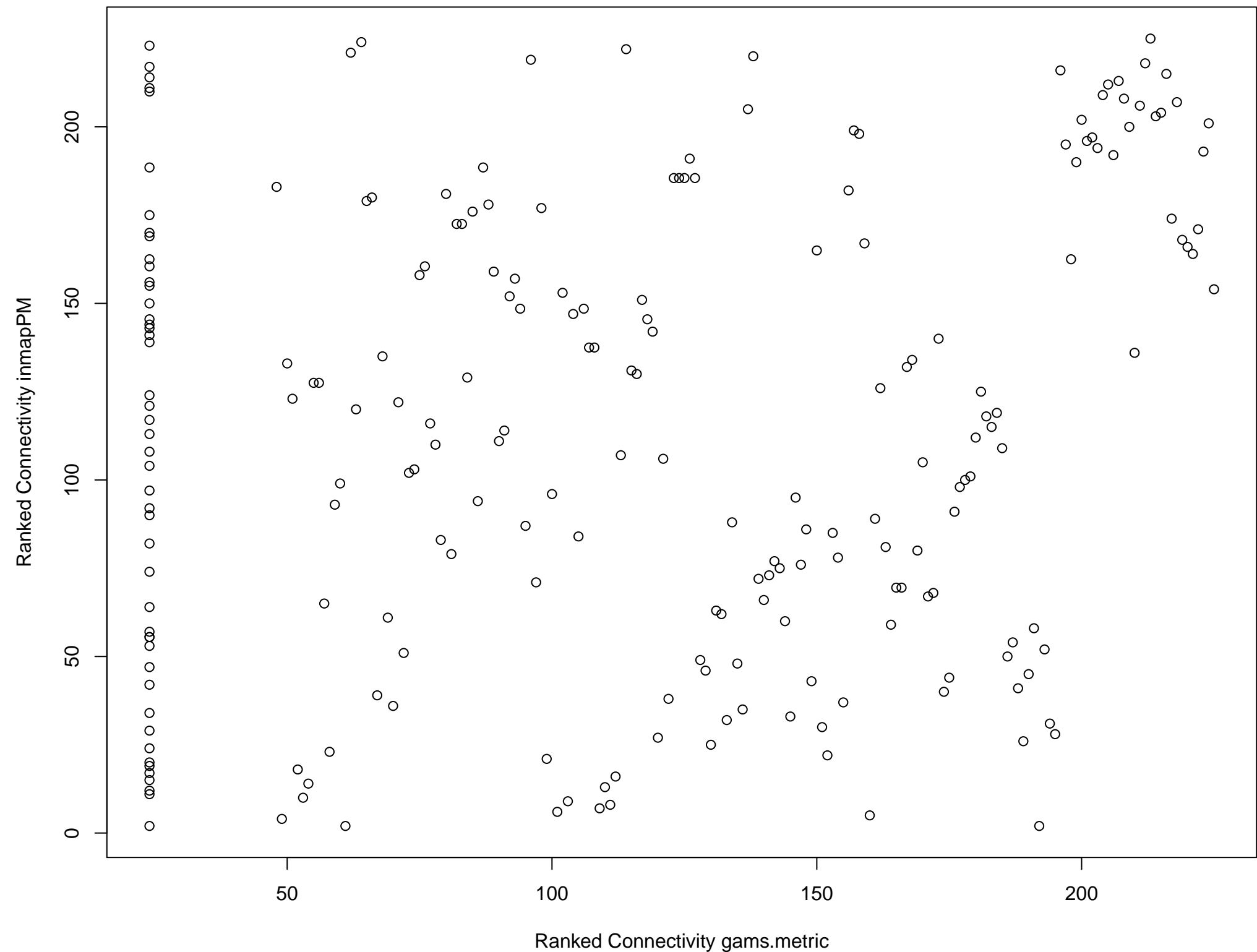


IndustrialMidwest correlation = 0.71

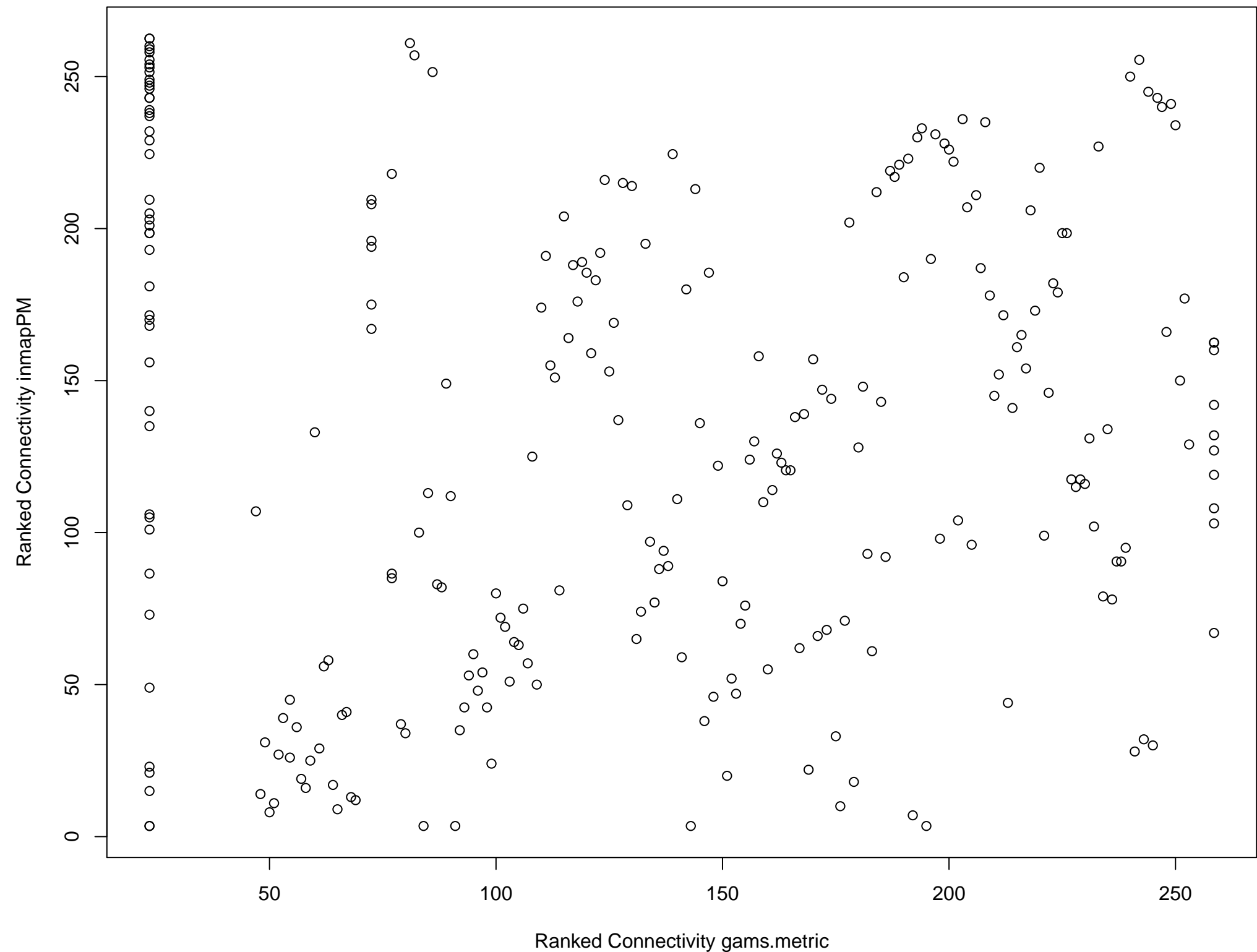




Northeast correlation = 0.18



Southeast correlation = 0.04



IndustrialMidwest correlation = 0.36

