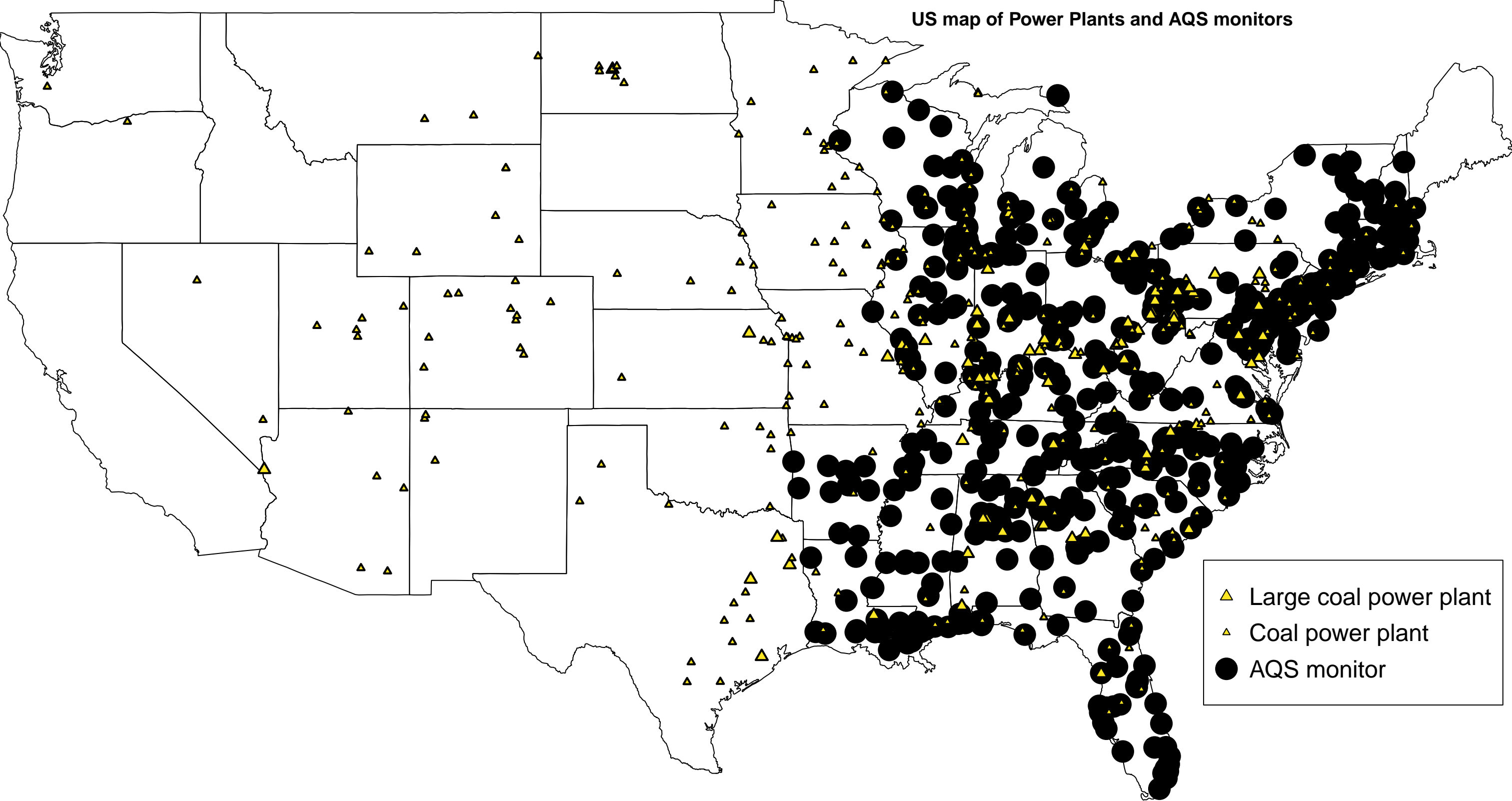
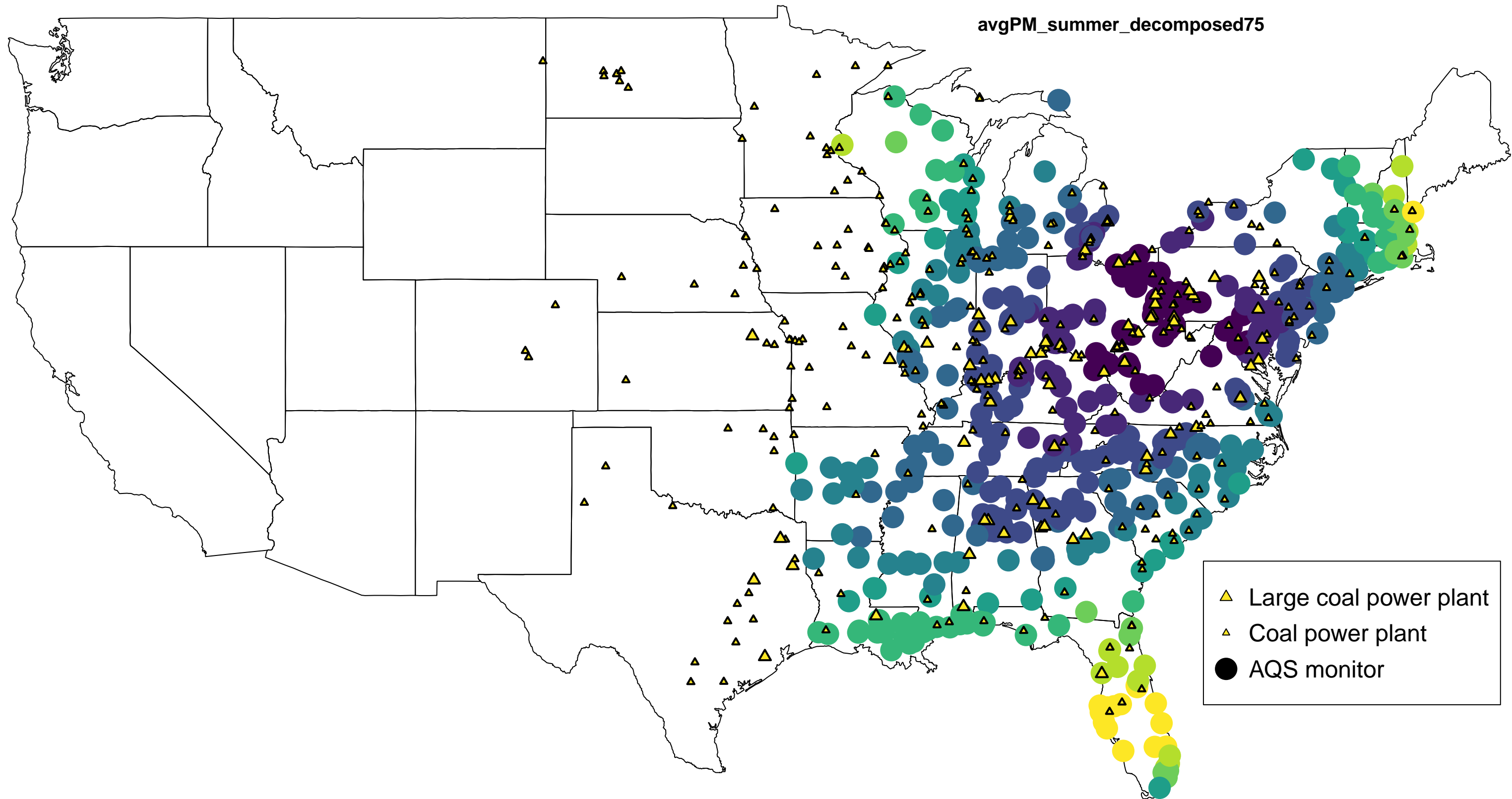
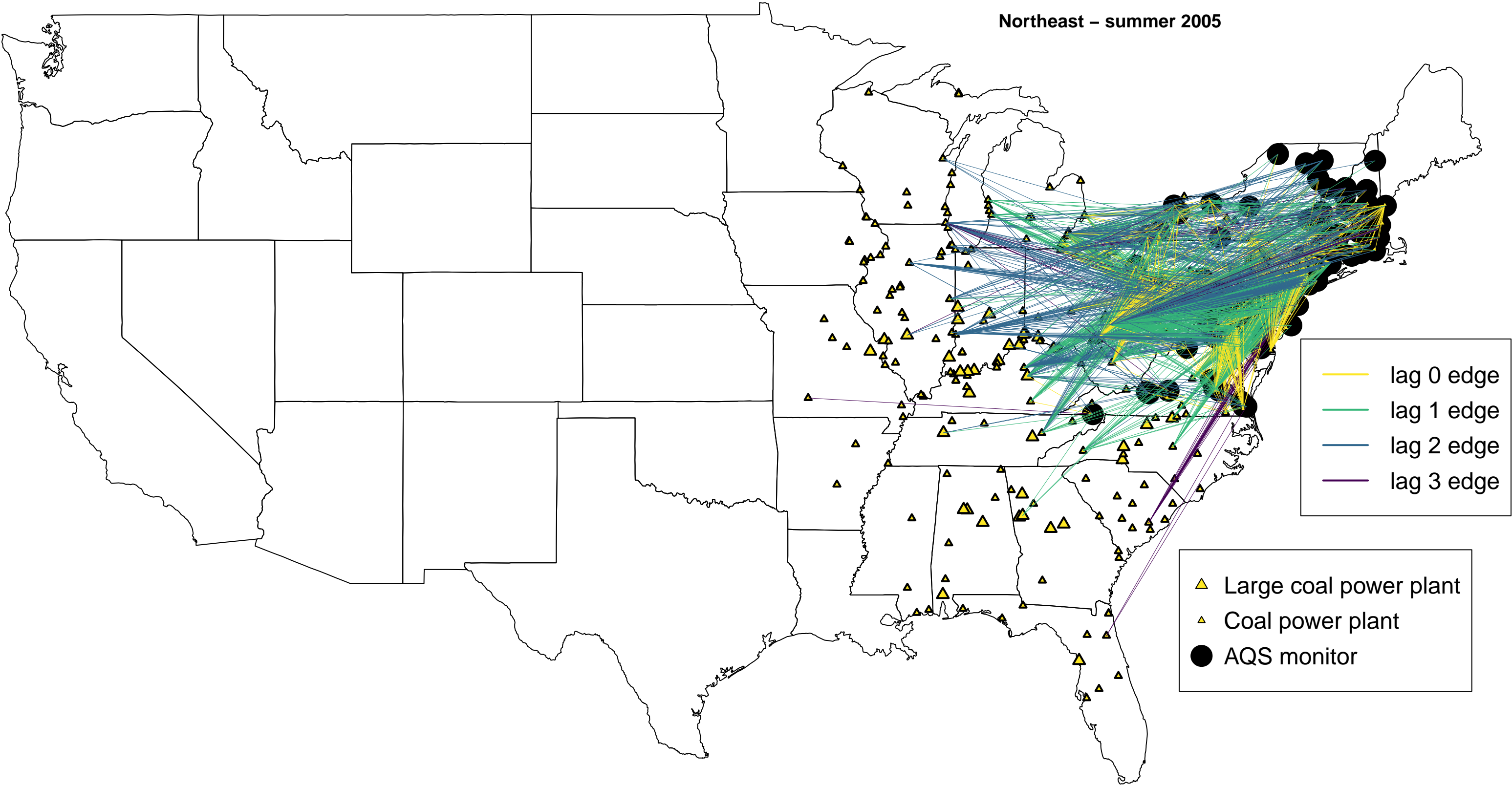


US map of Power Plants and AQS monitors

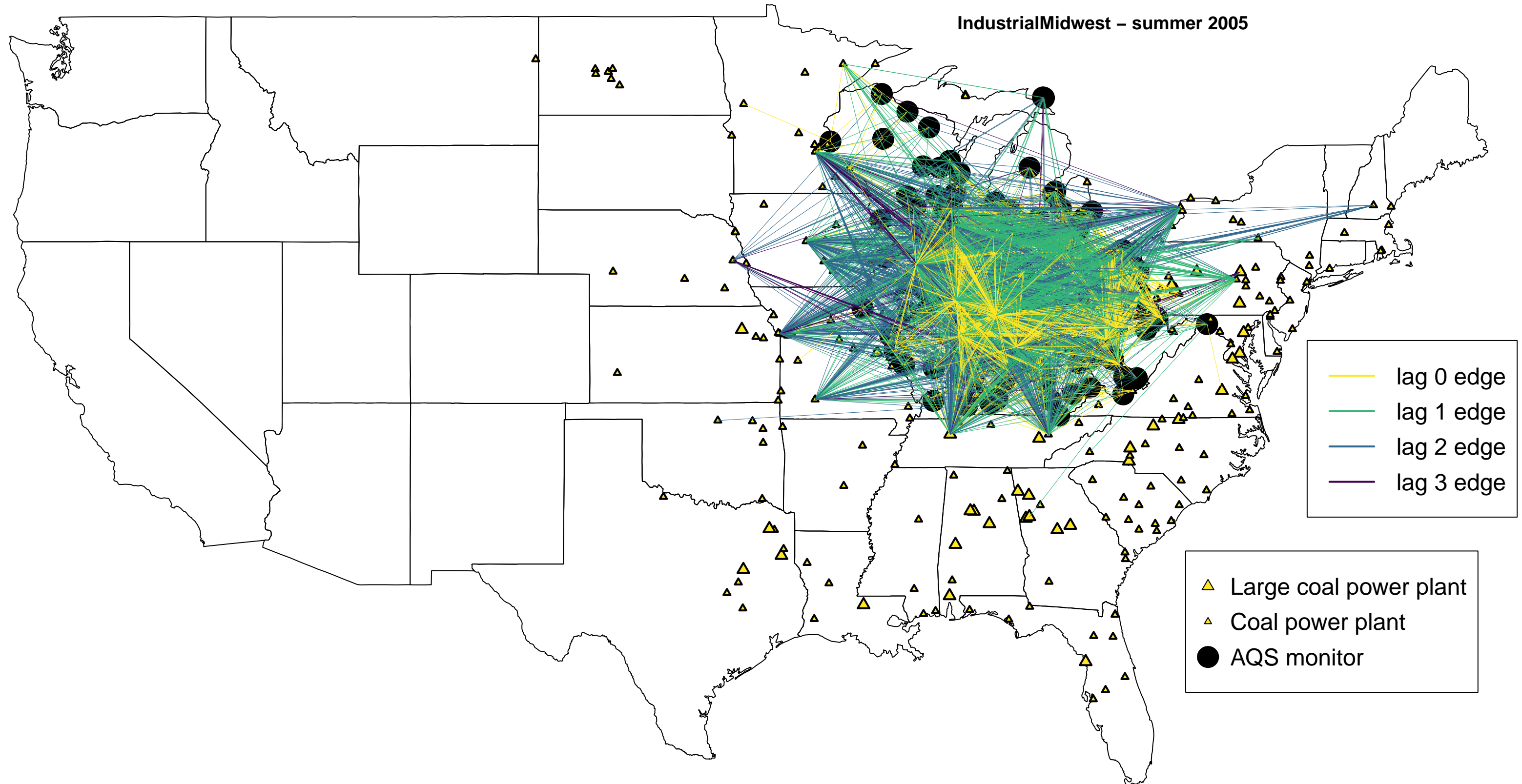


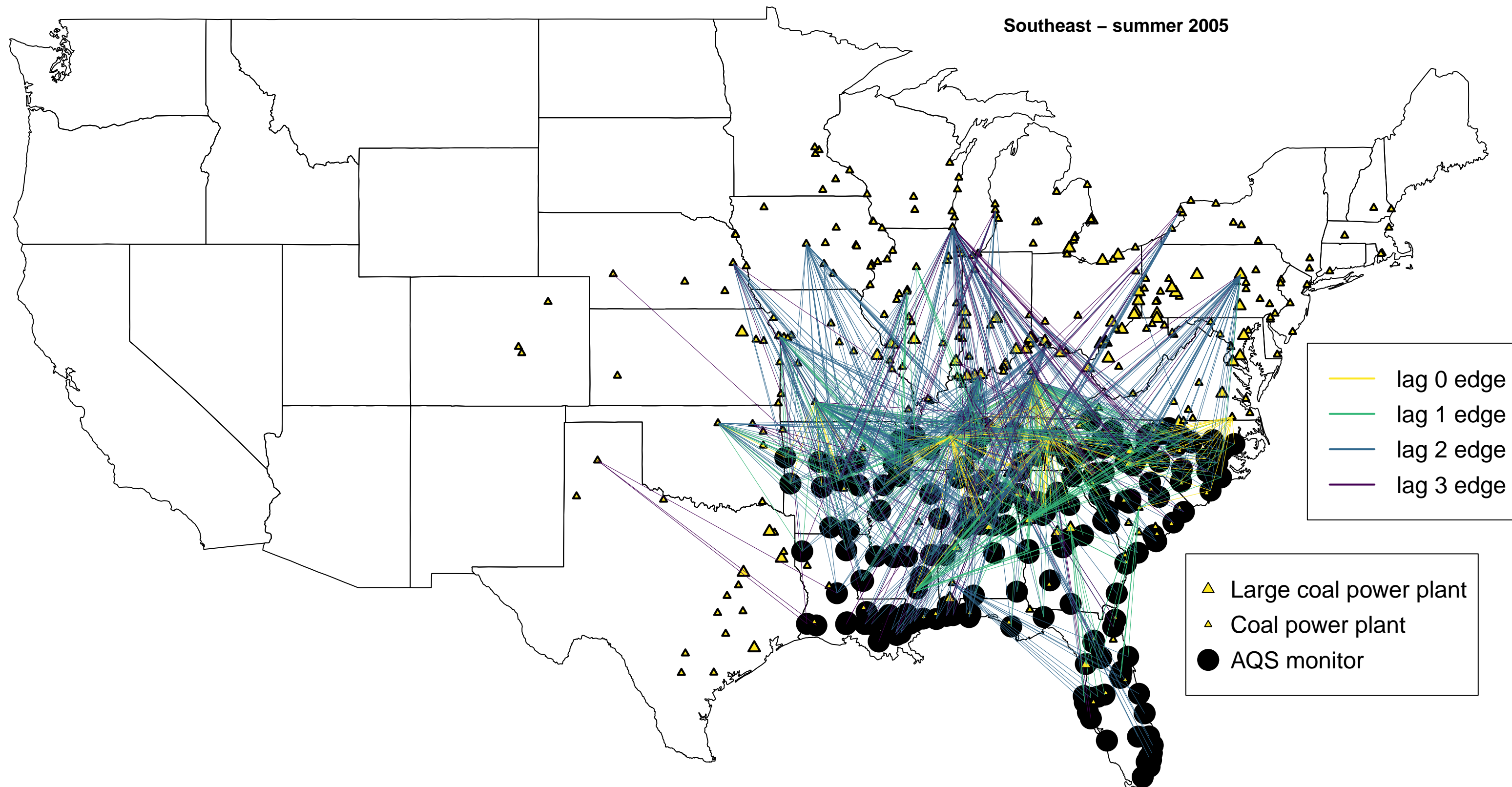


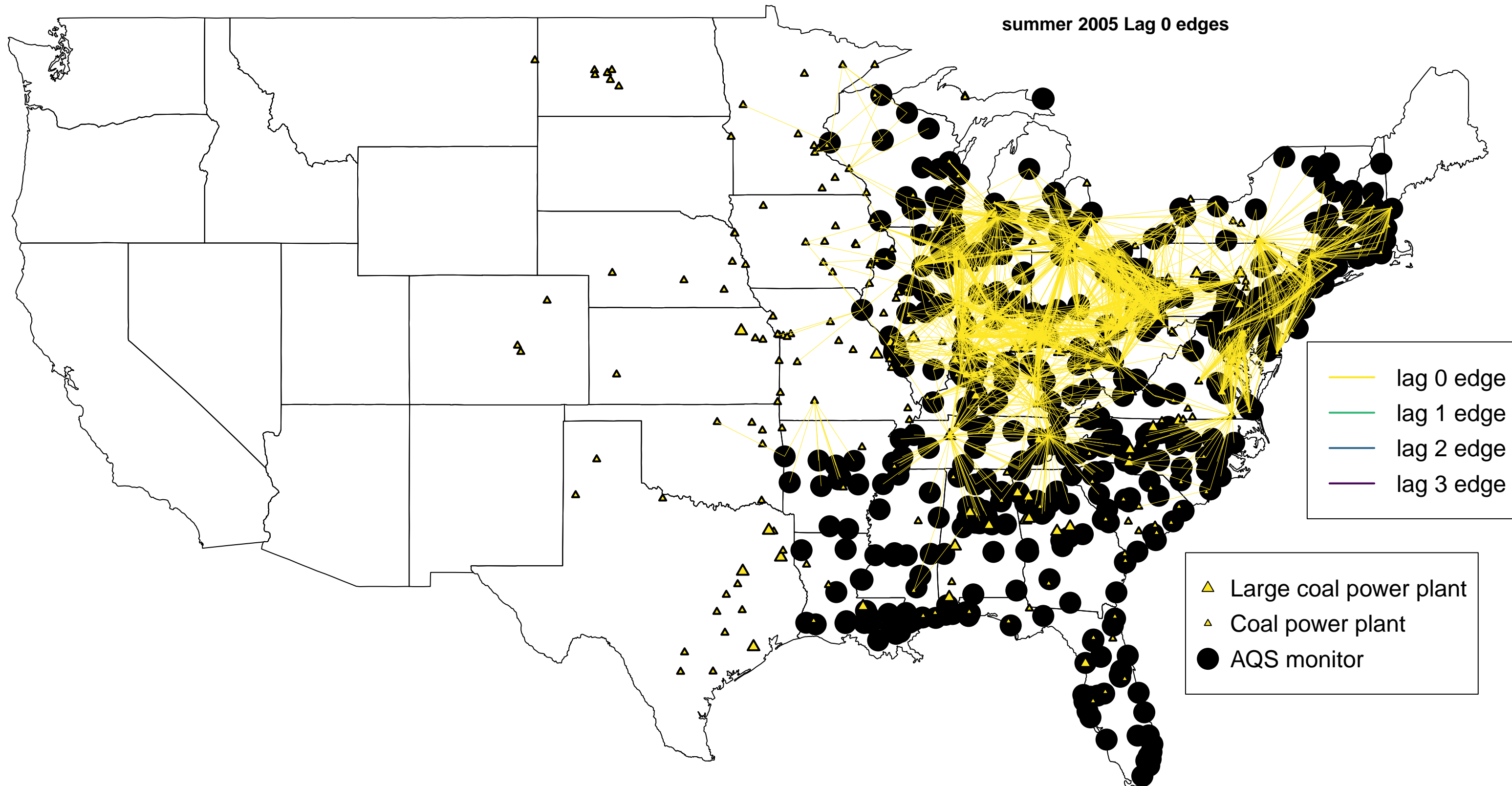
Northeast – summer 2005

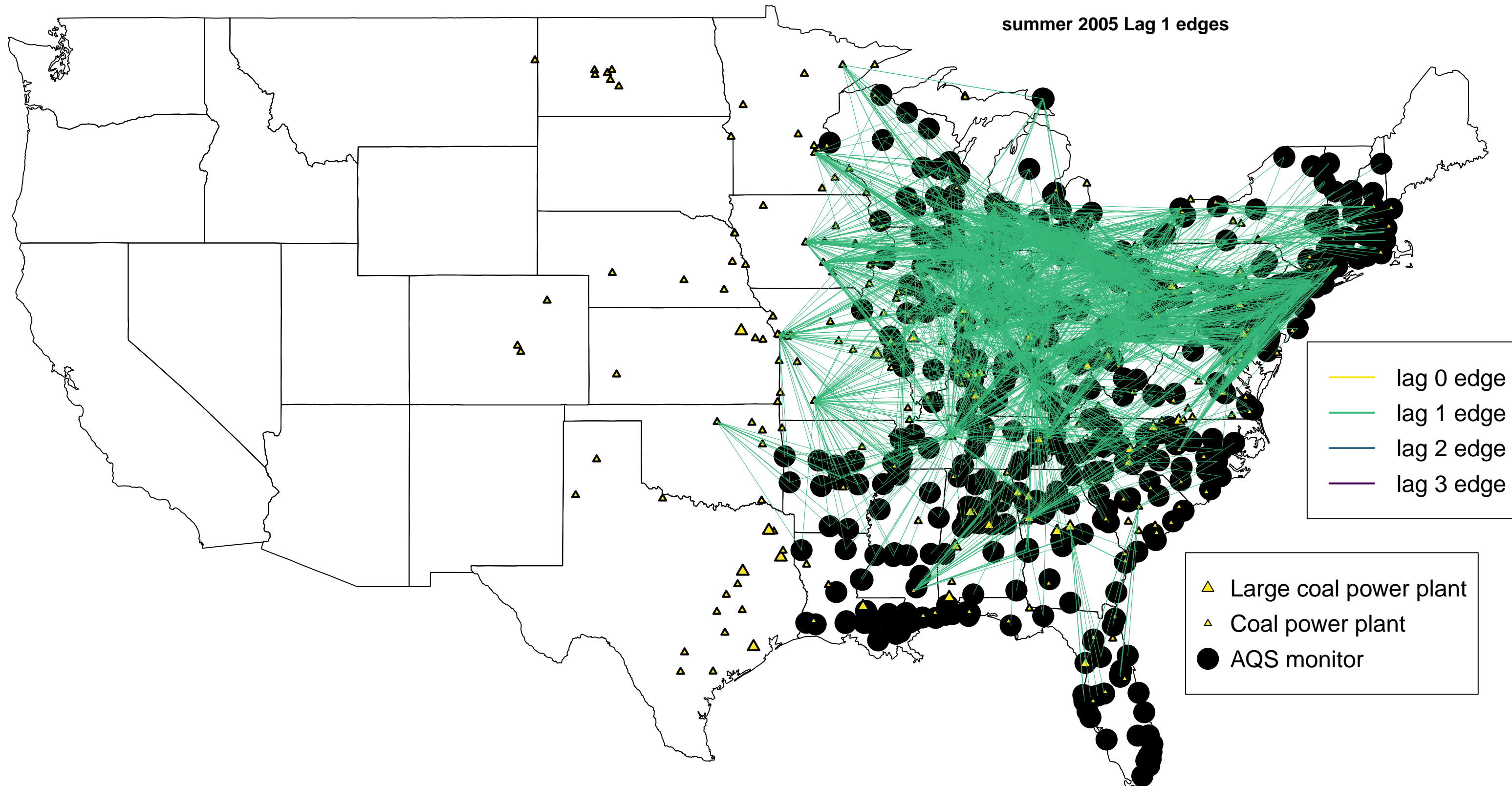


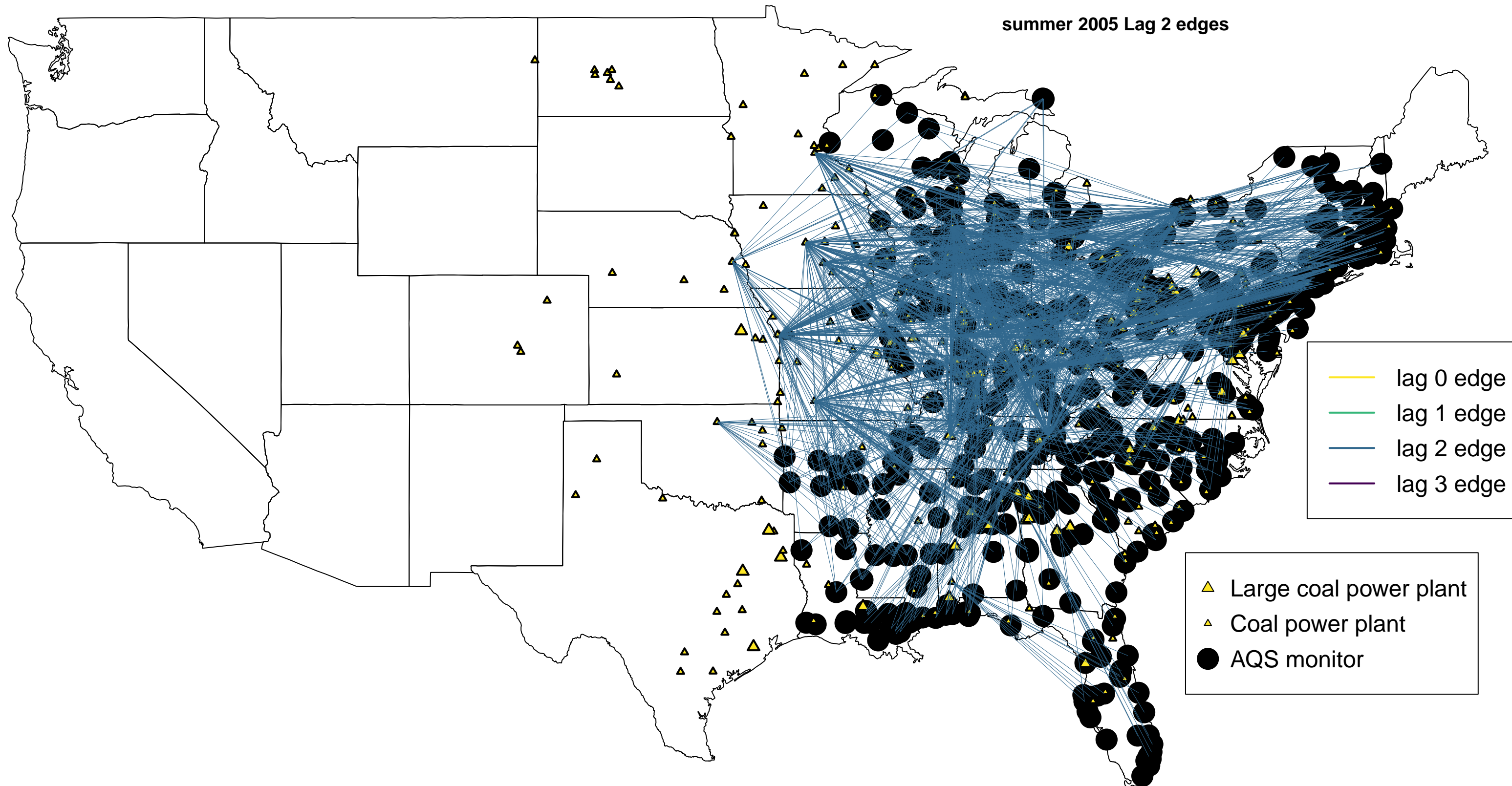
IndustrialMidwest – summer 2005

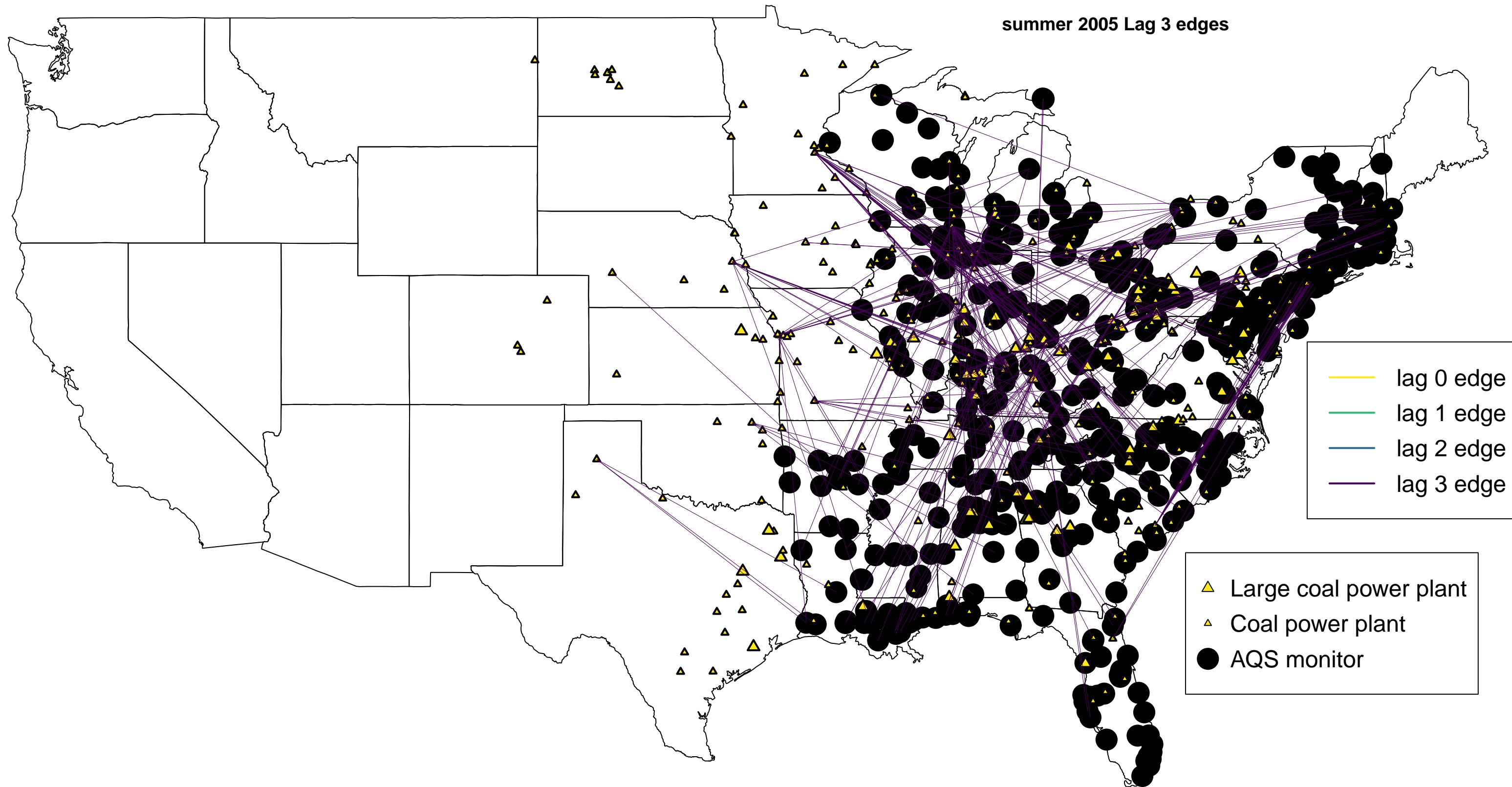




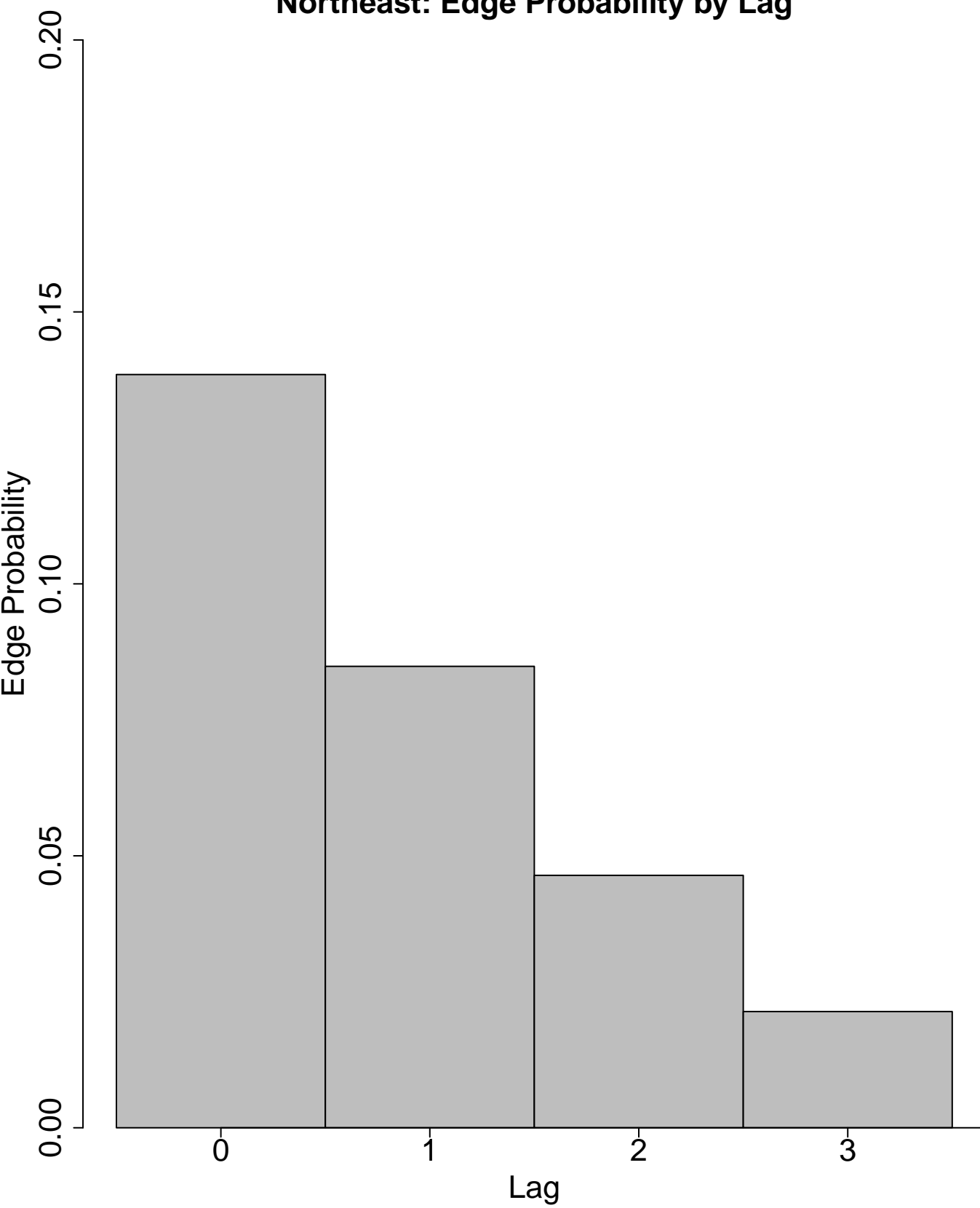




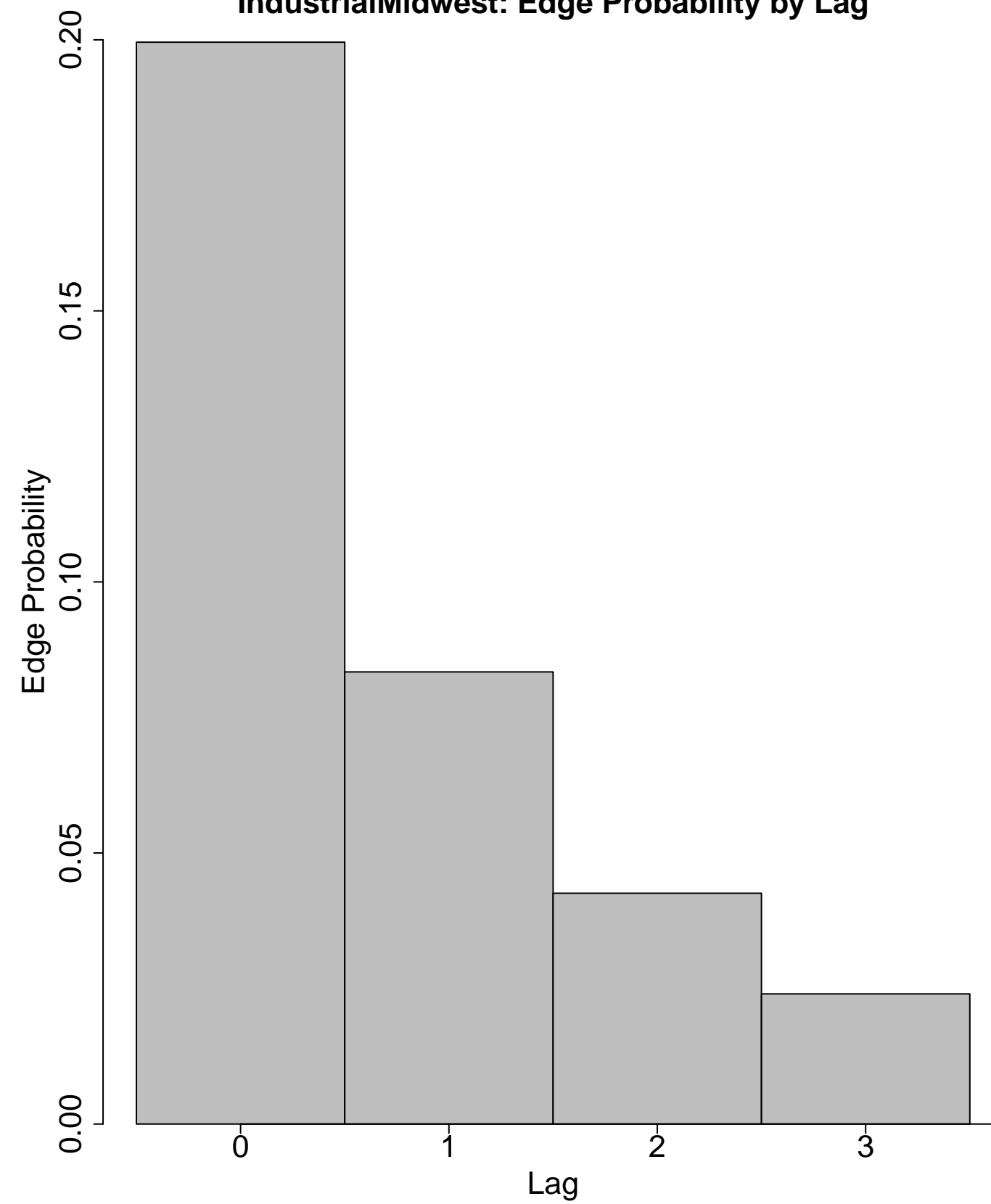




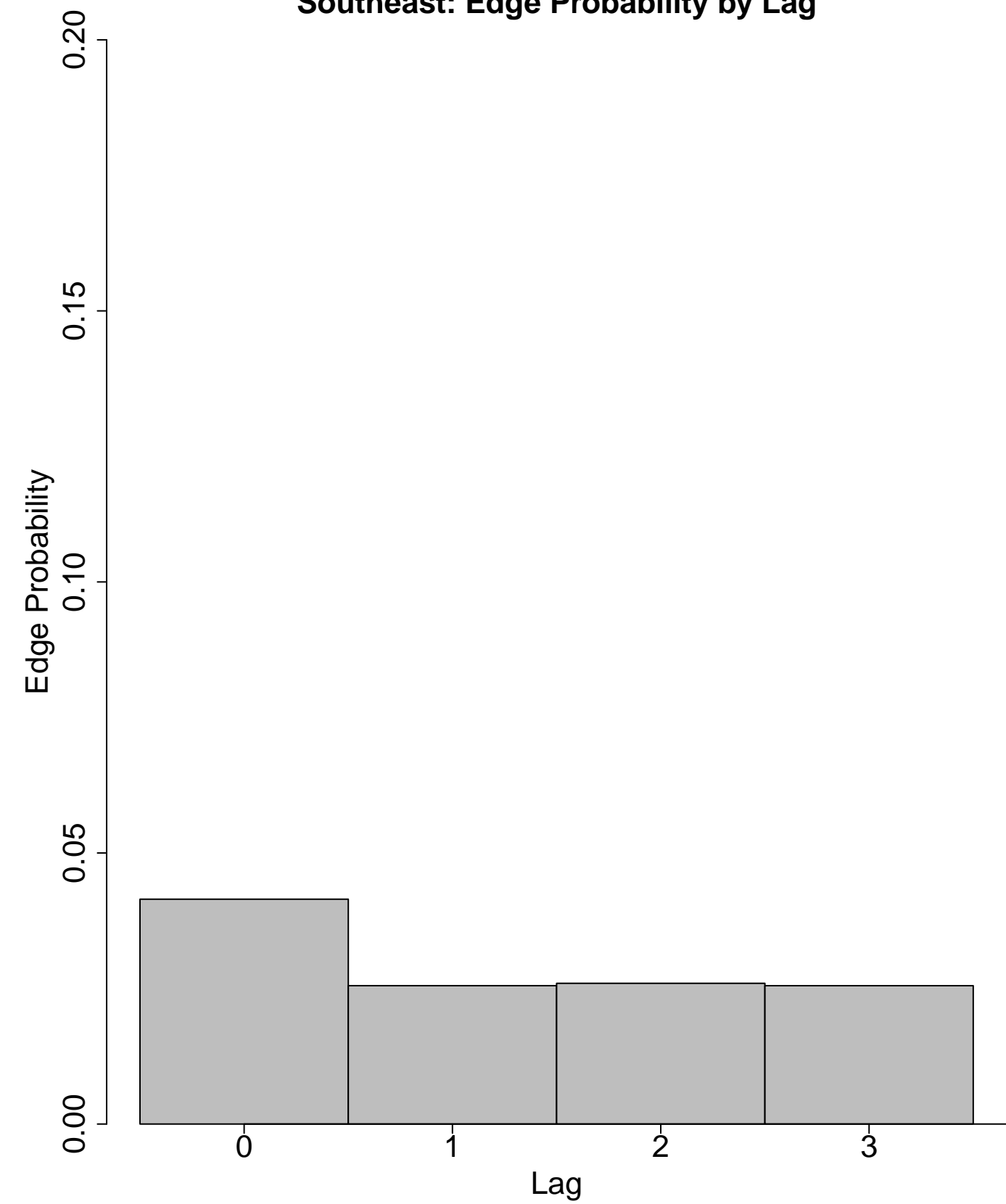
Northeast: Edge Probability by Lag



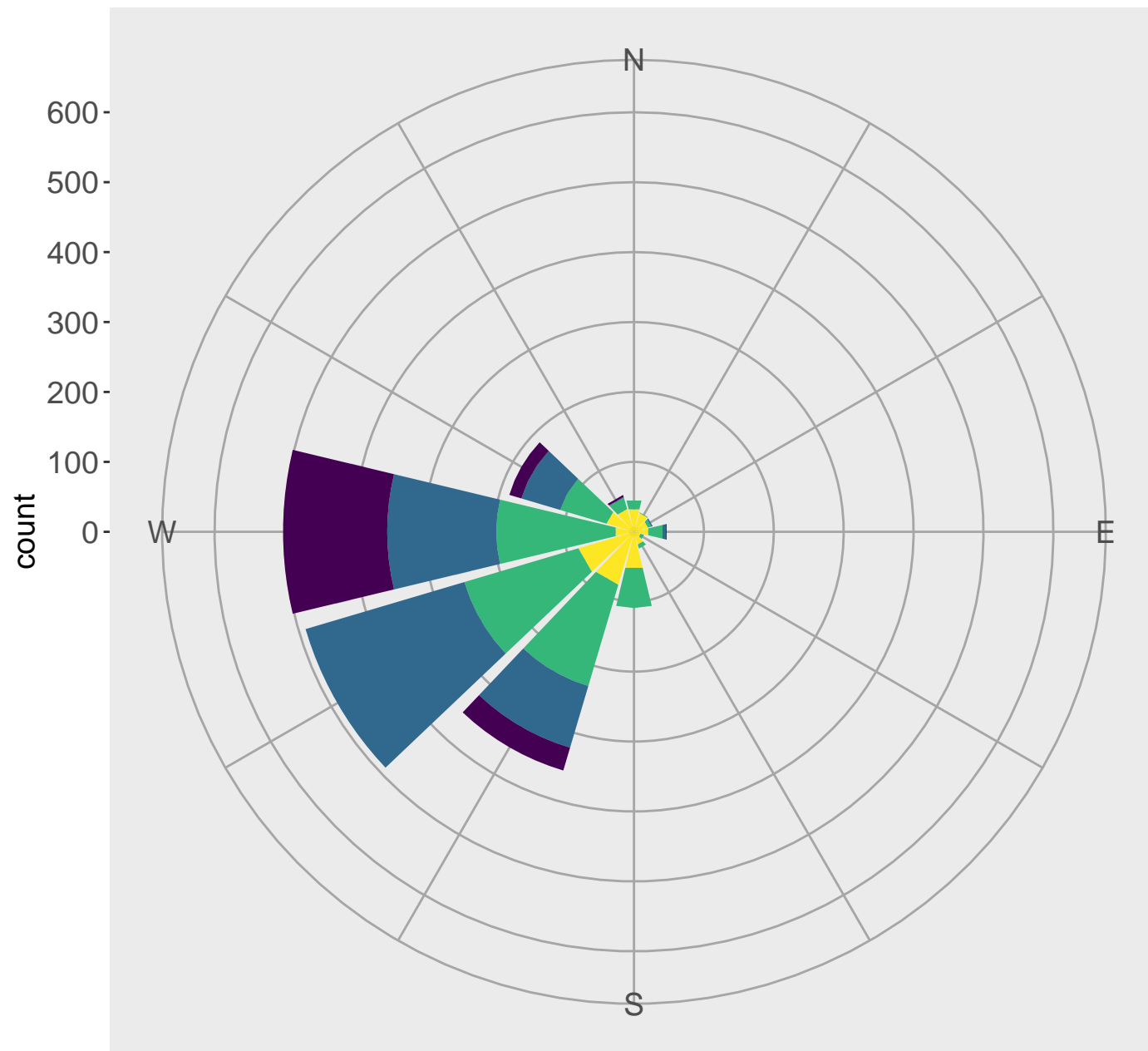
IndustrialMidwest: Edge Probability by Lag



Southeast: Edge Probability by Lag

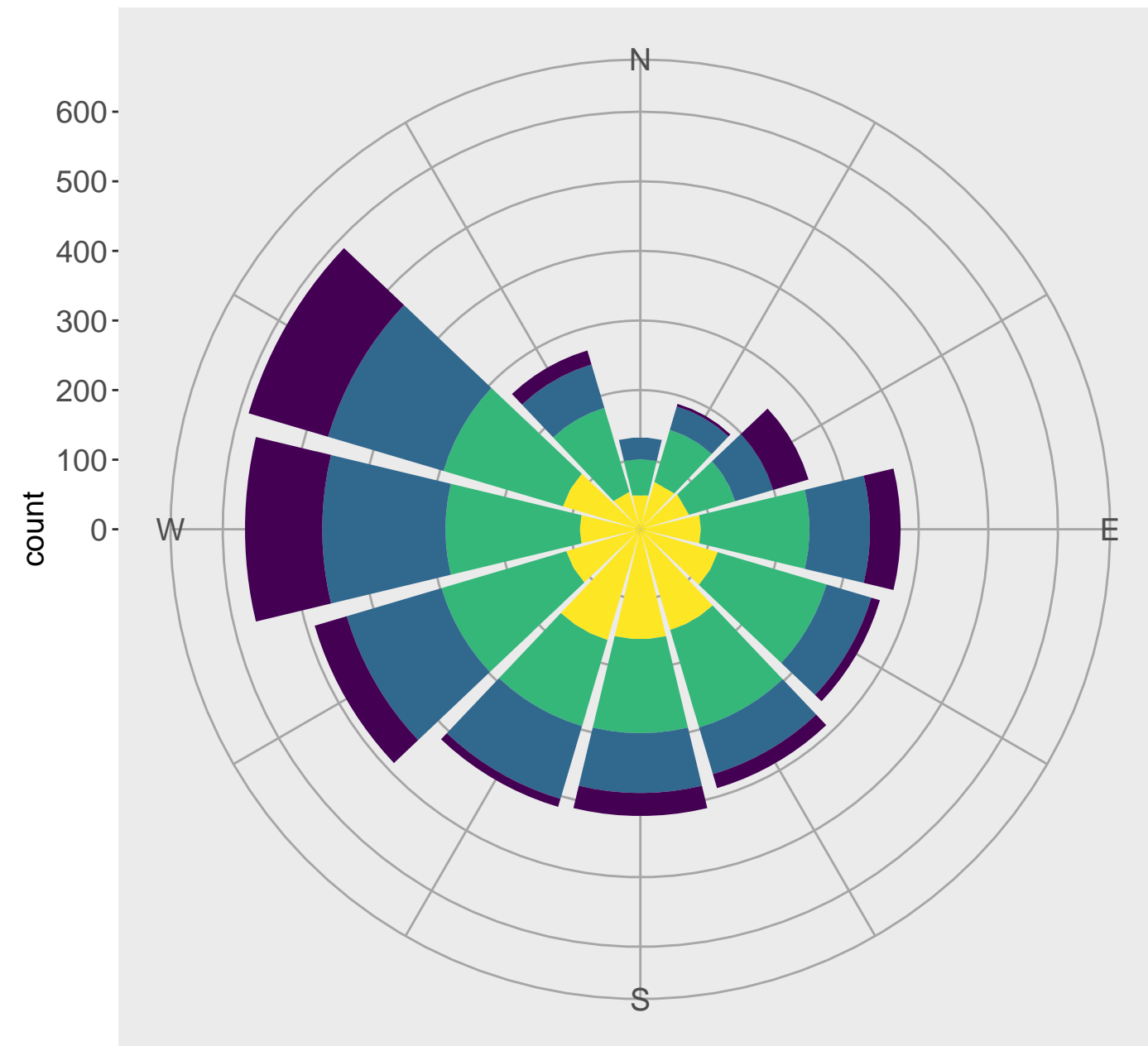


Edge counts by distance/direction to source
Northeast receptors



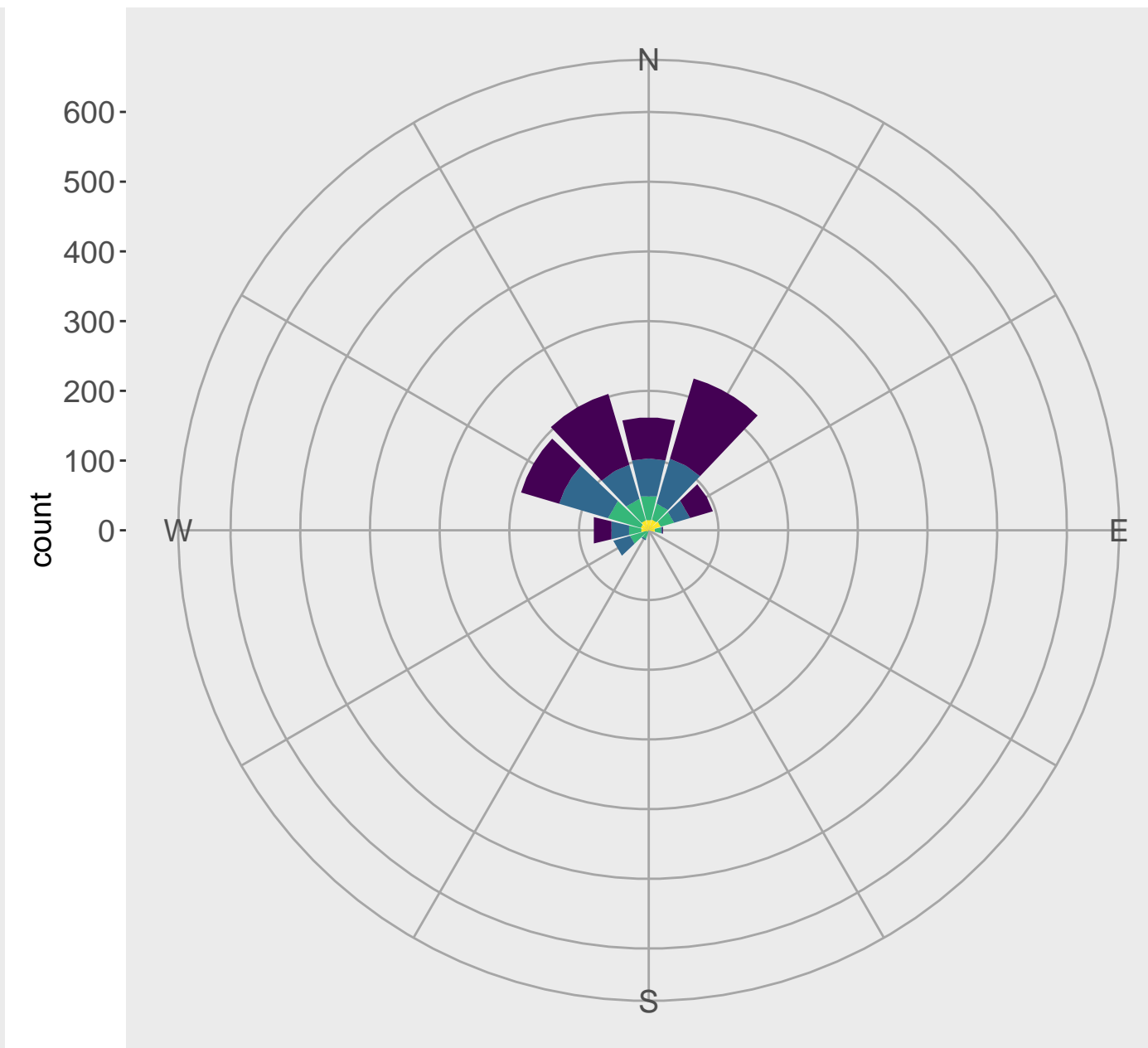
Distance to Source (km) 750-1000 500-750 250-500 0-250

Edge counts by distance/direction to source
IndustrialMidwest receptors



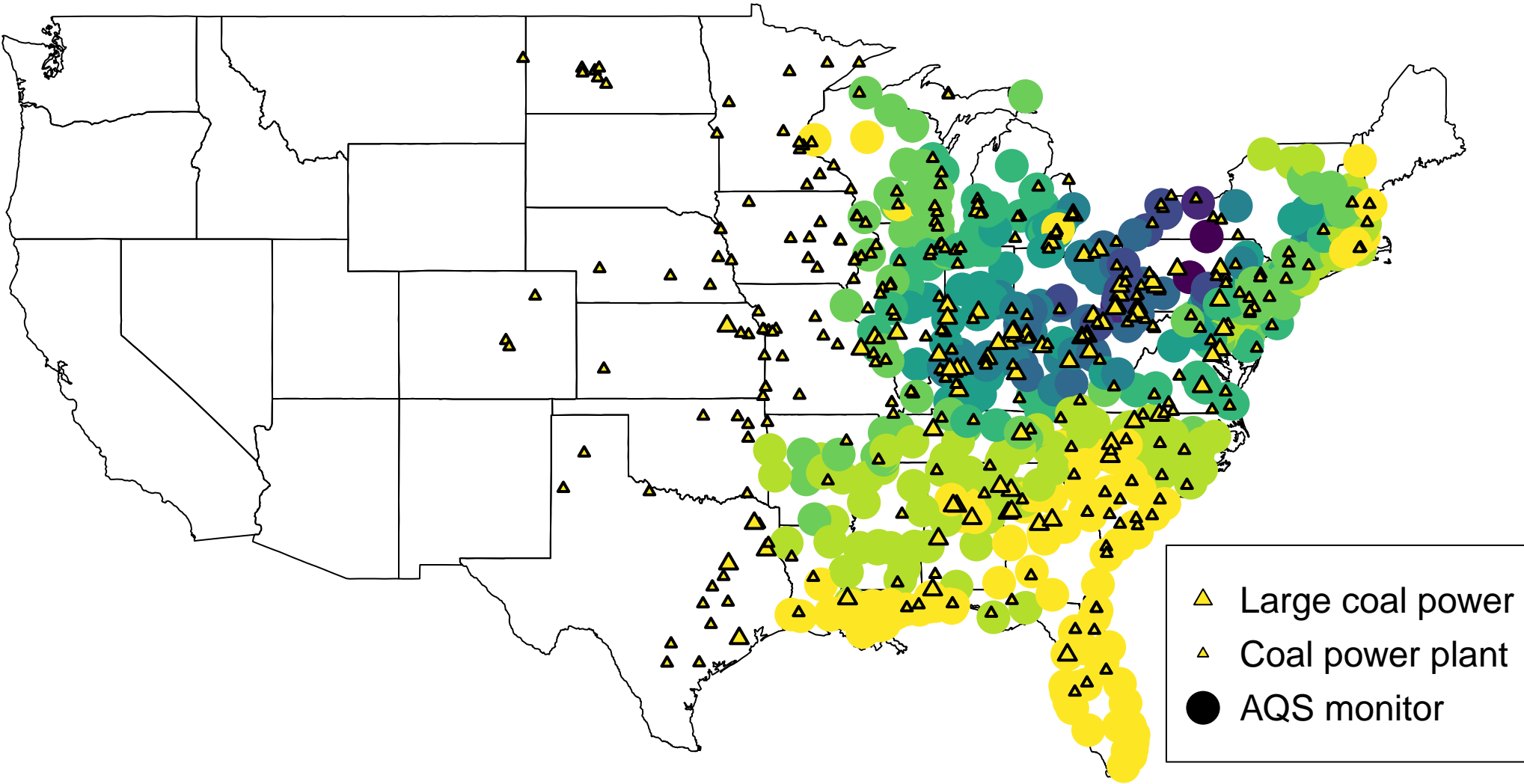
Distance to Source (km) 750-1000 500-750 250-500 0-250

Edge counts by distance/direction to source
Southeast receptors

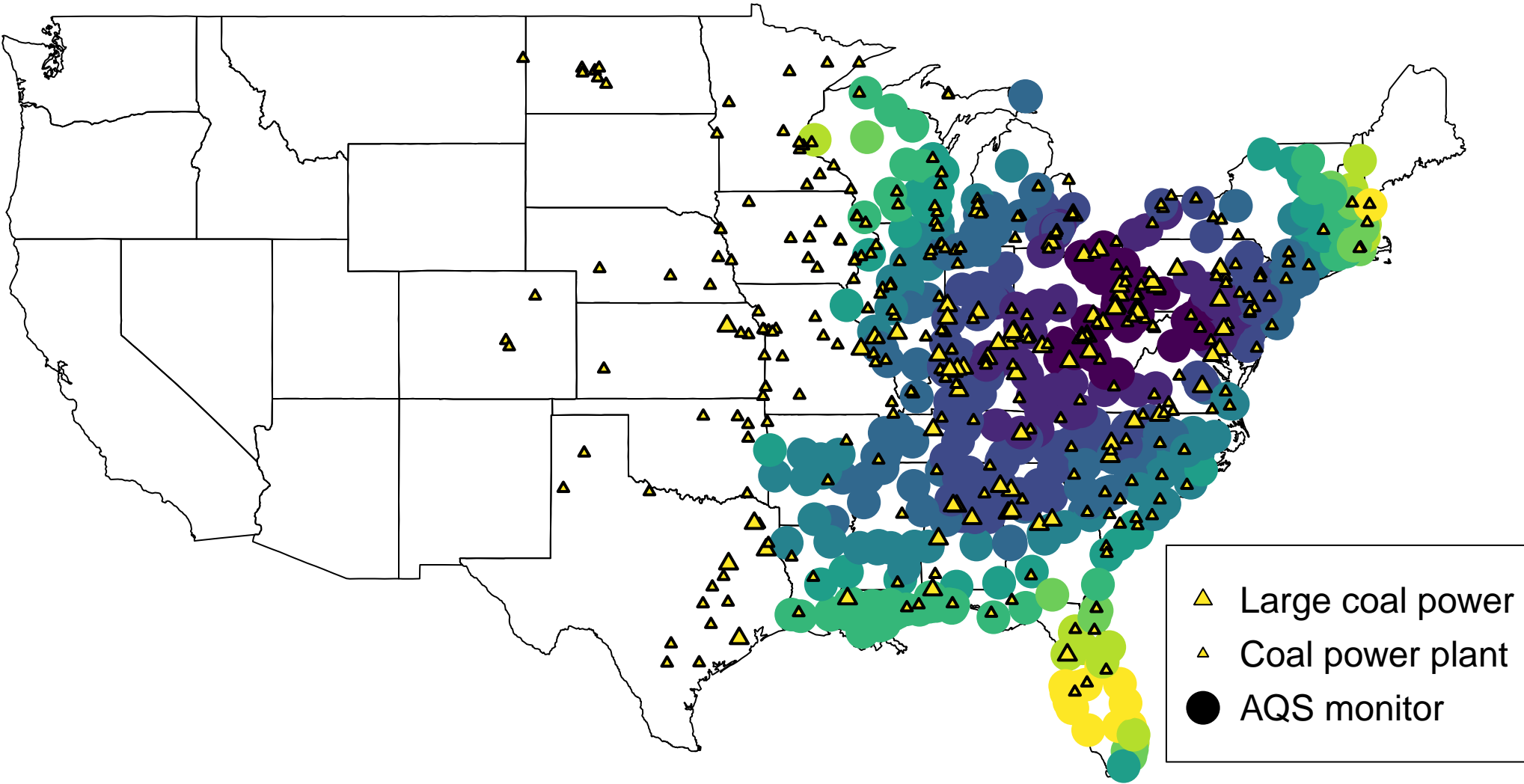


Distance to Source (km) 750-1000 500-750 250-500 0-250

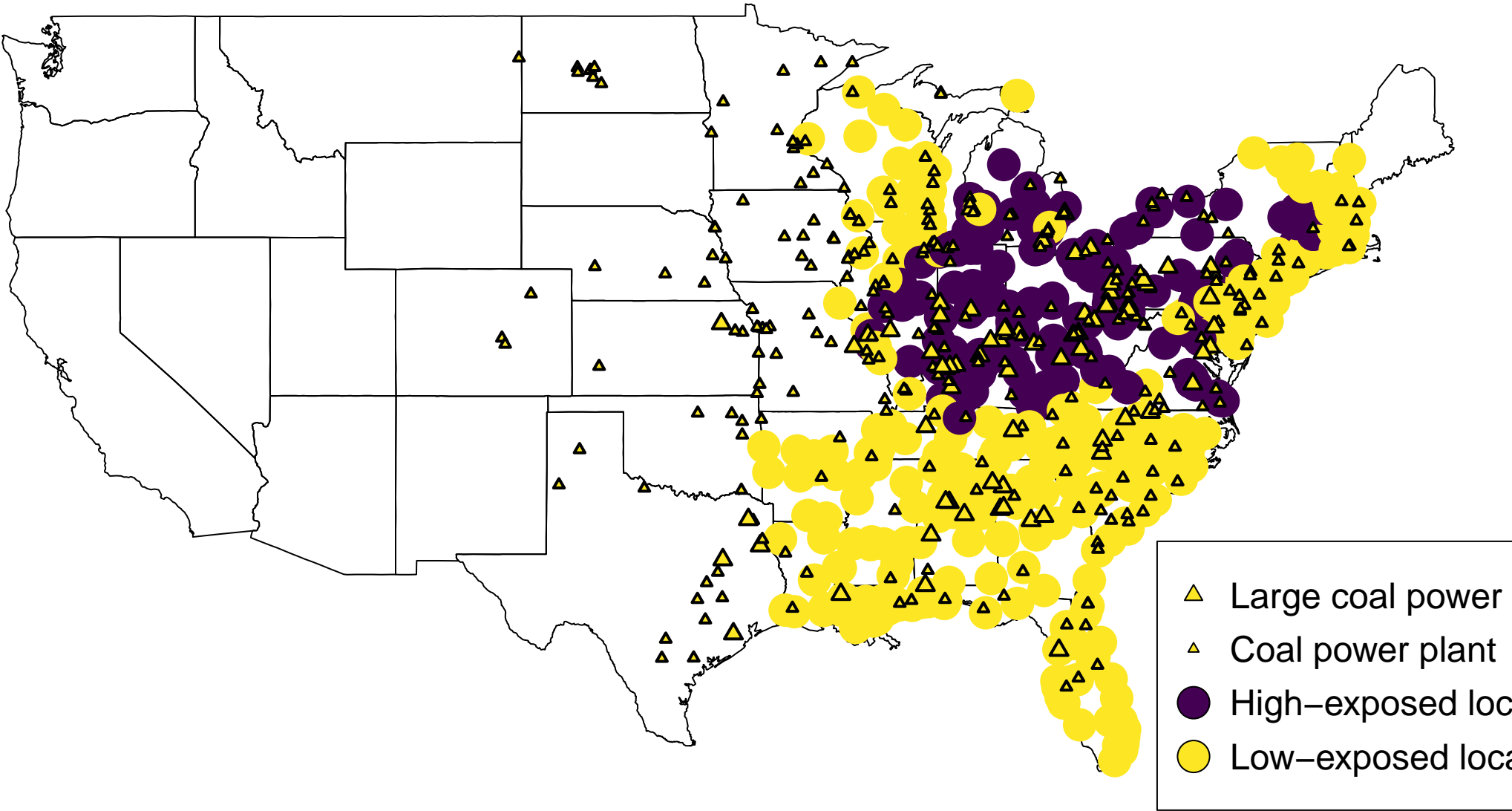
sum of gams.coeff summer 2005



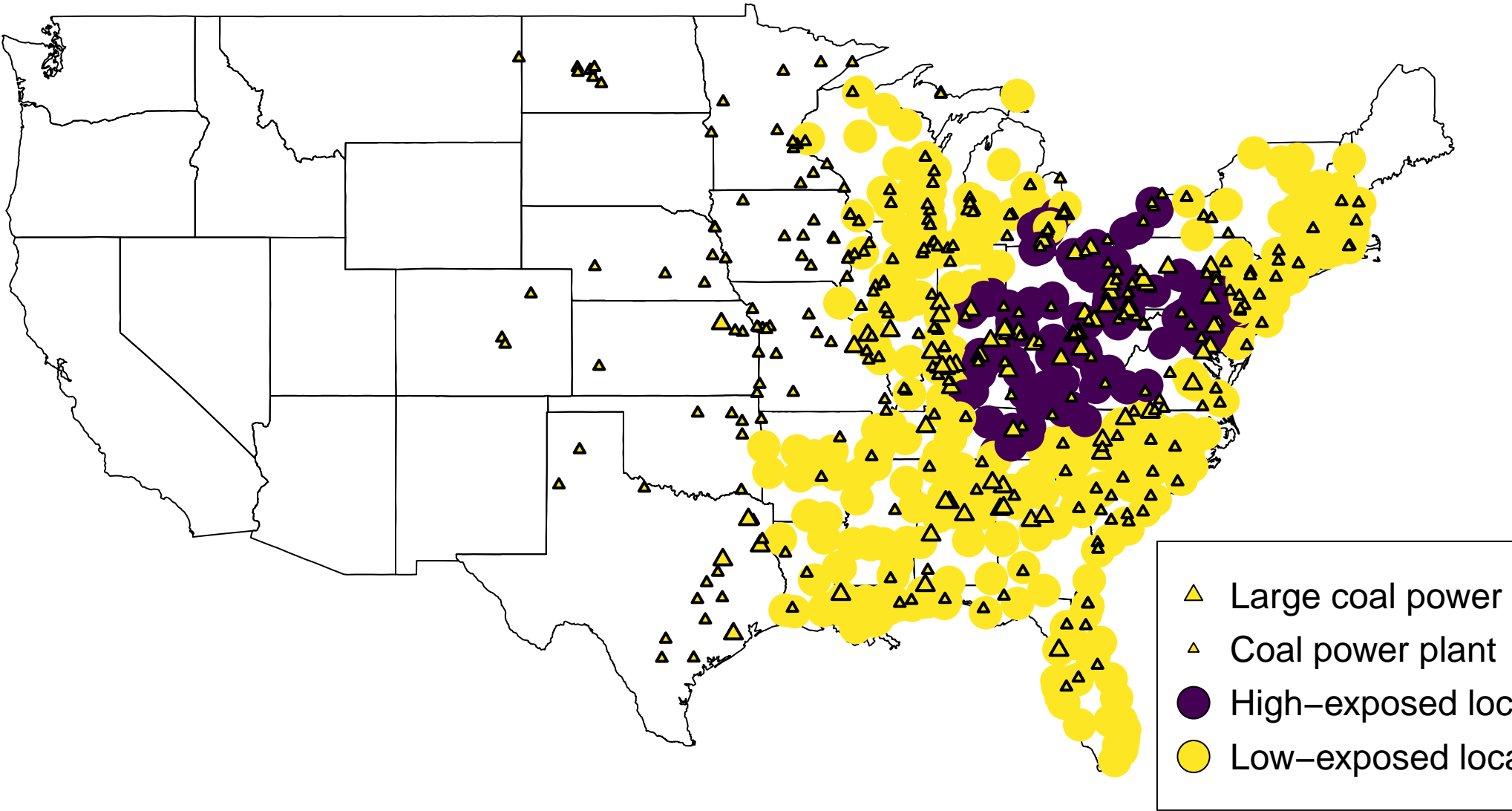
avgPM_decomposed75 summer 2005



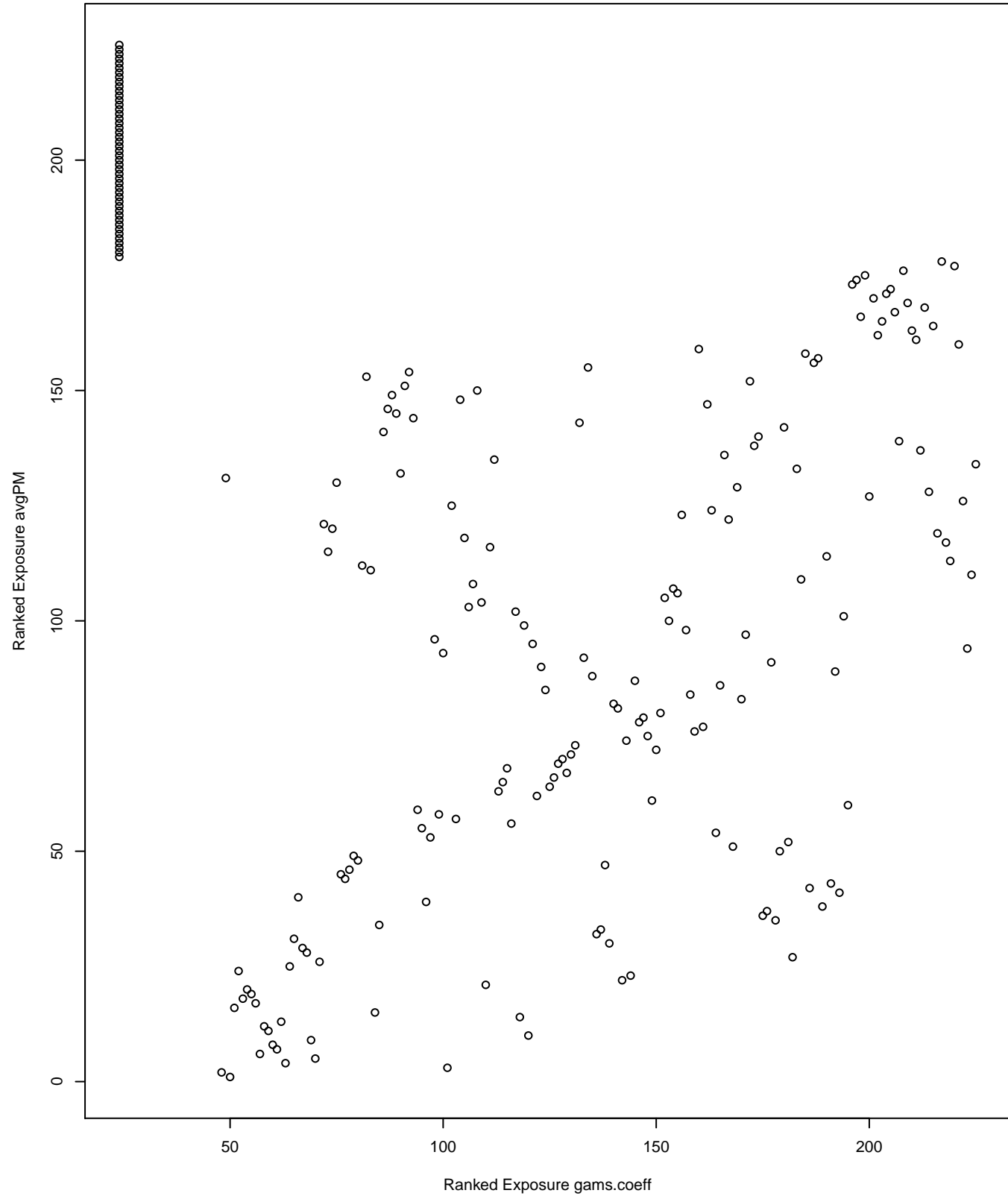
sum of gams.coeff summer 2005



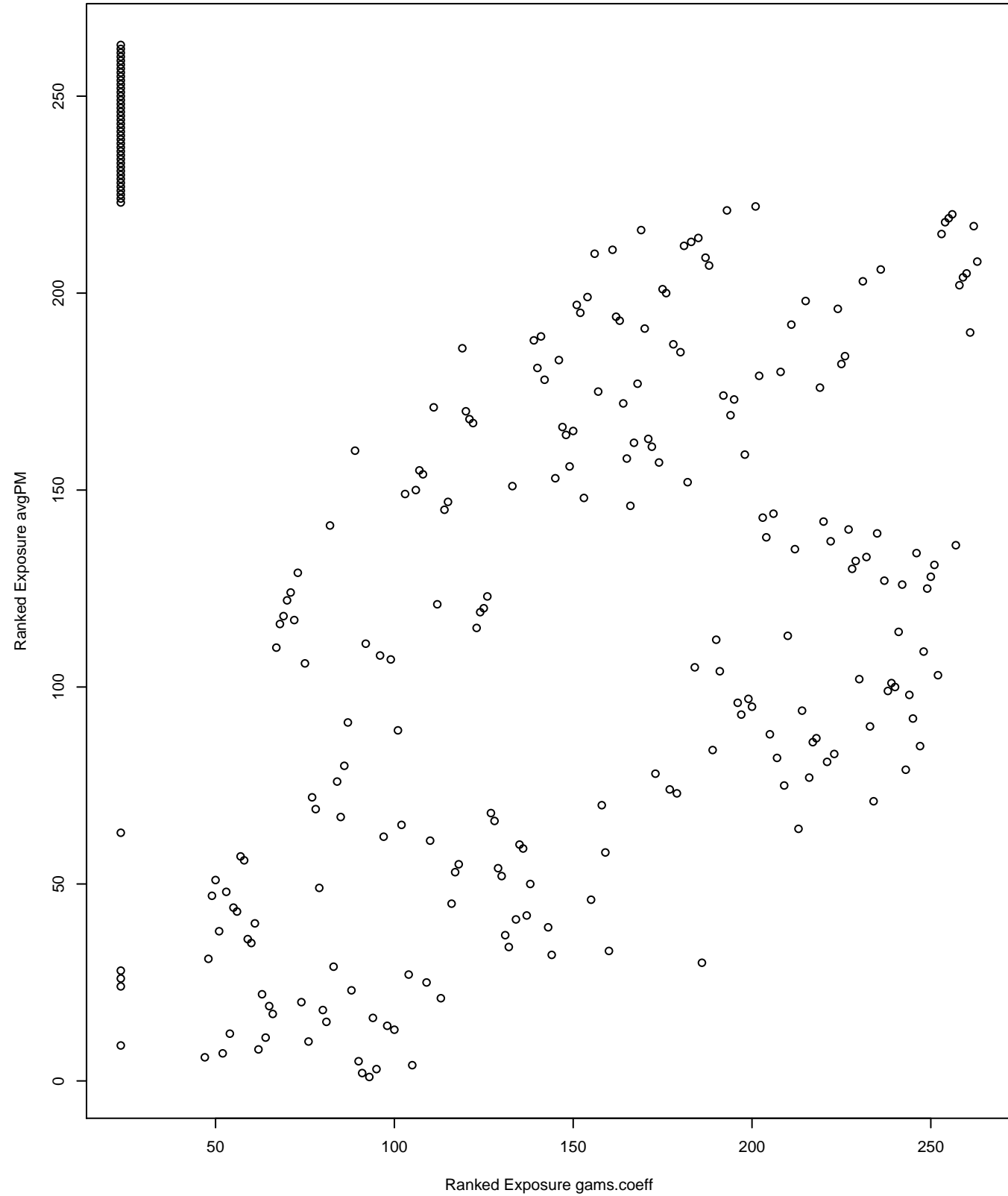
avgPM_decomposed75 summer 2005



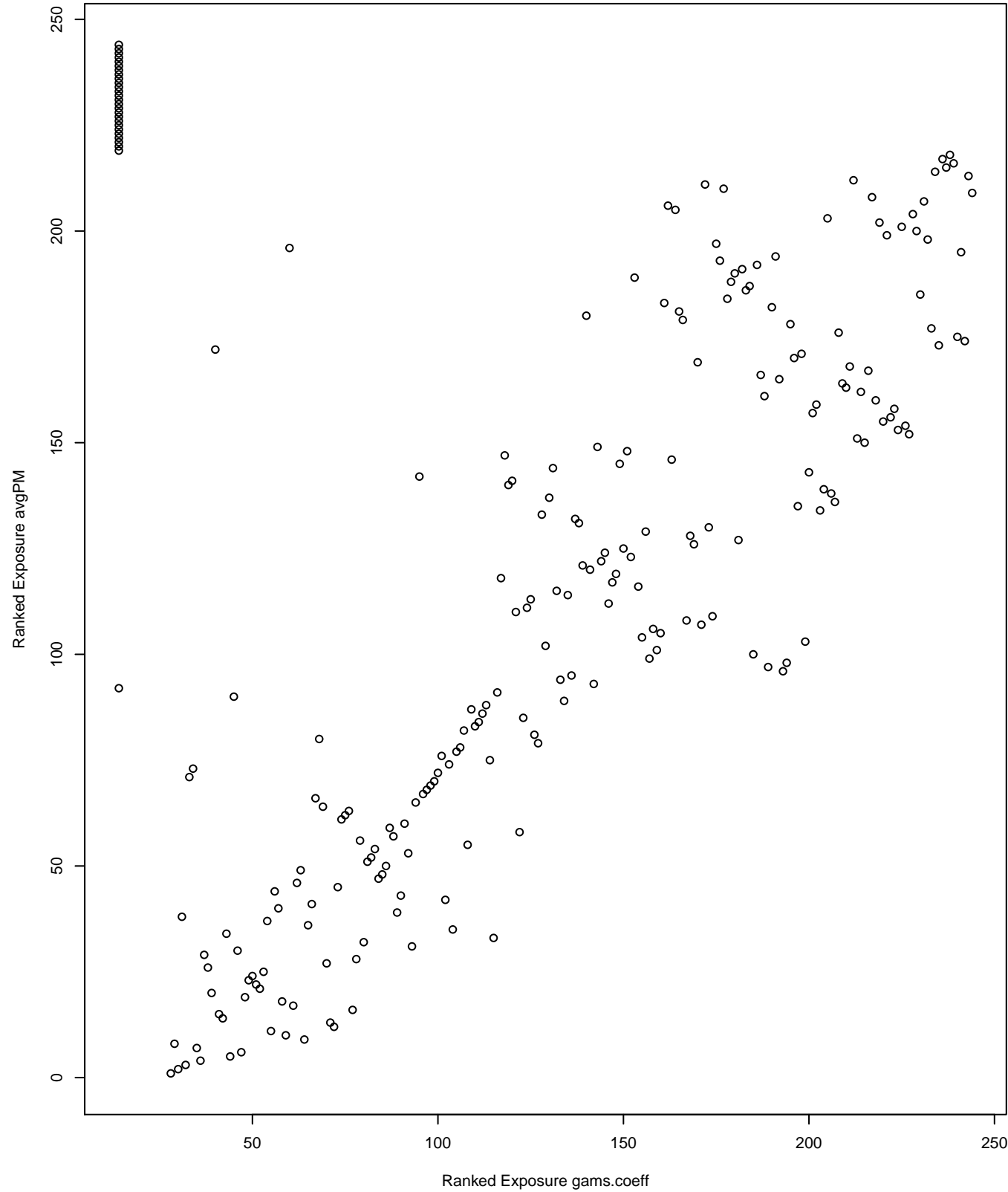
Northeast correlation = 0.55



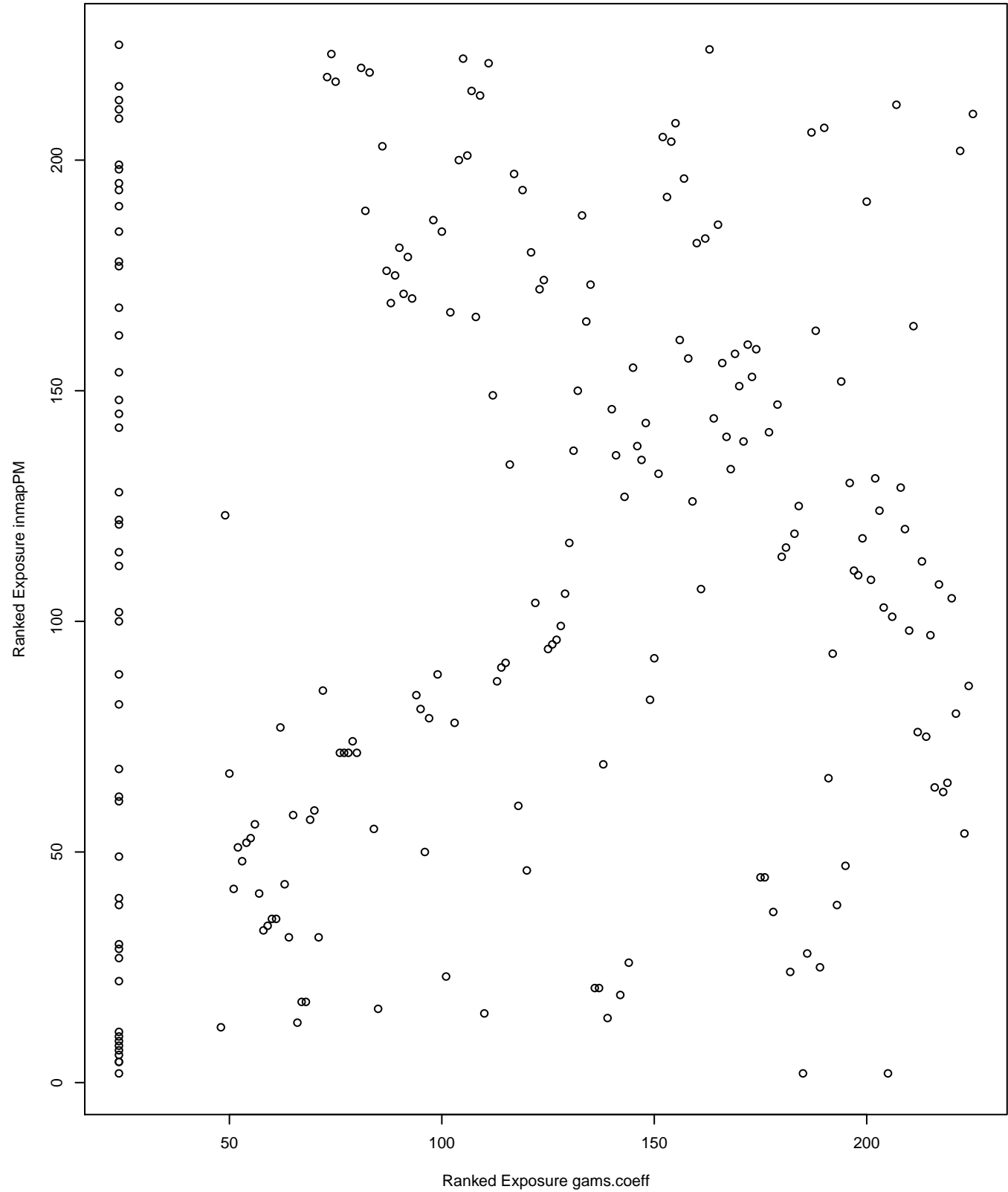
Southeast correlation = 0.53



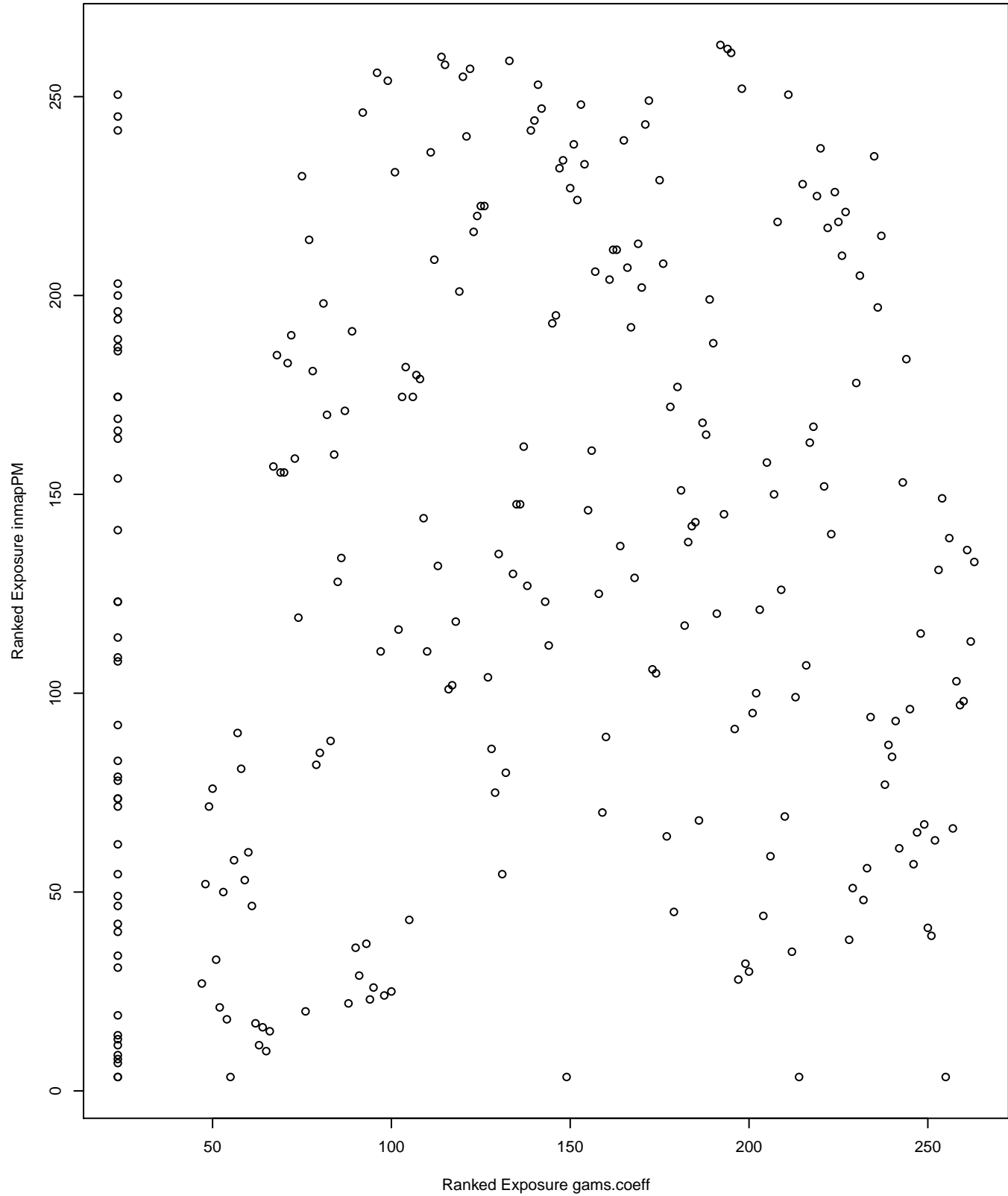
IndustrialMidwest correlation = 0.87



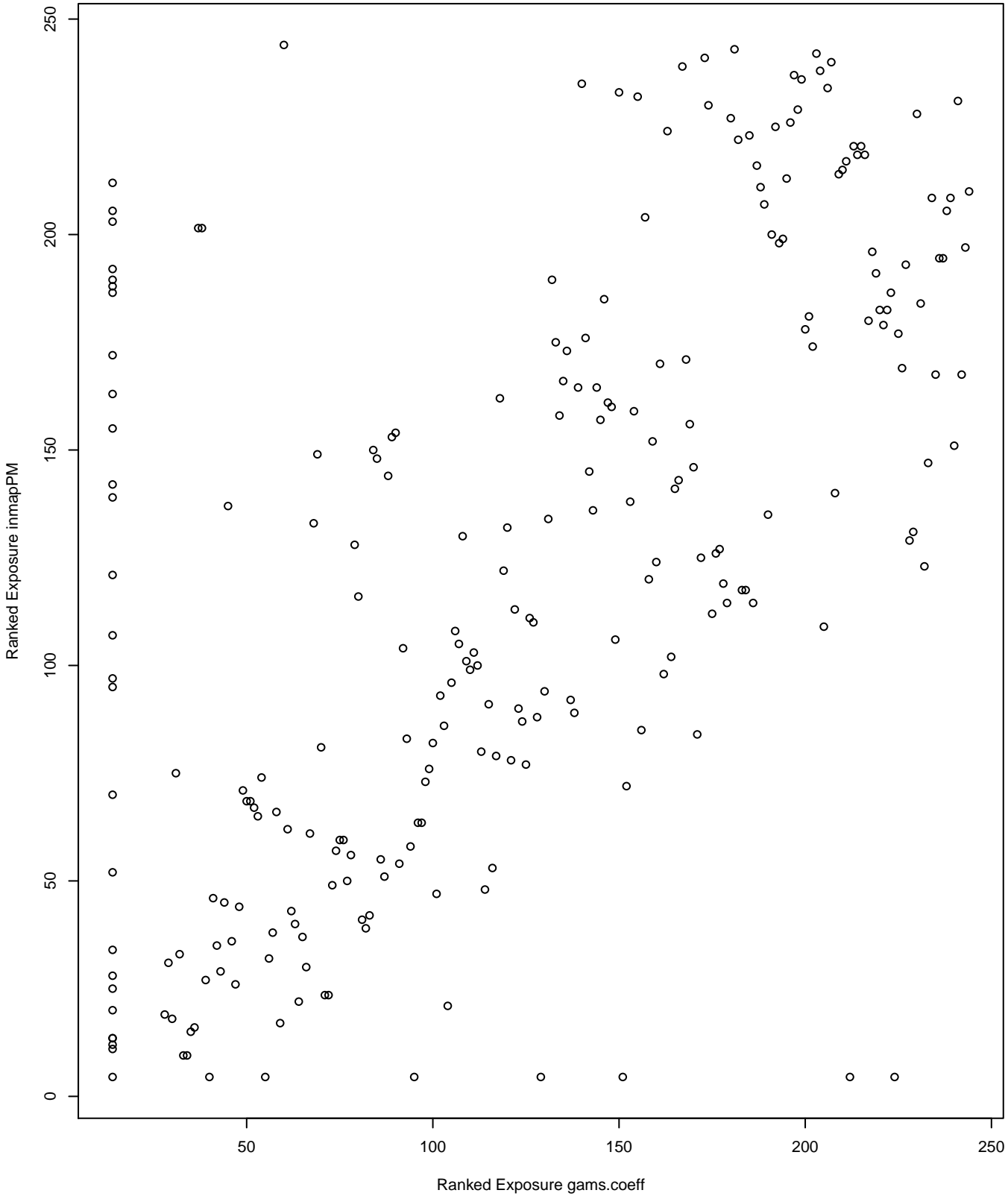
Northeast correlation = 0.14



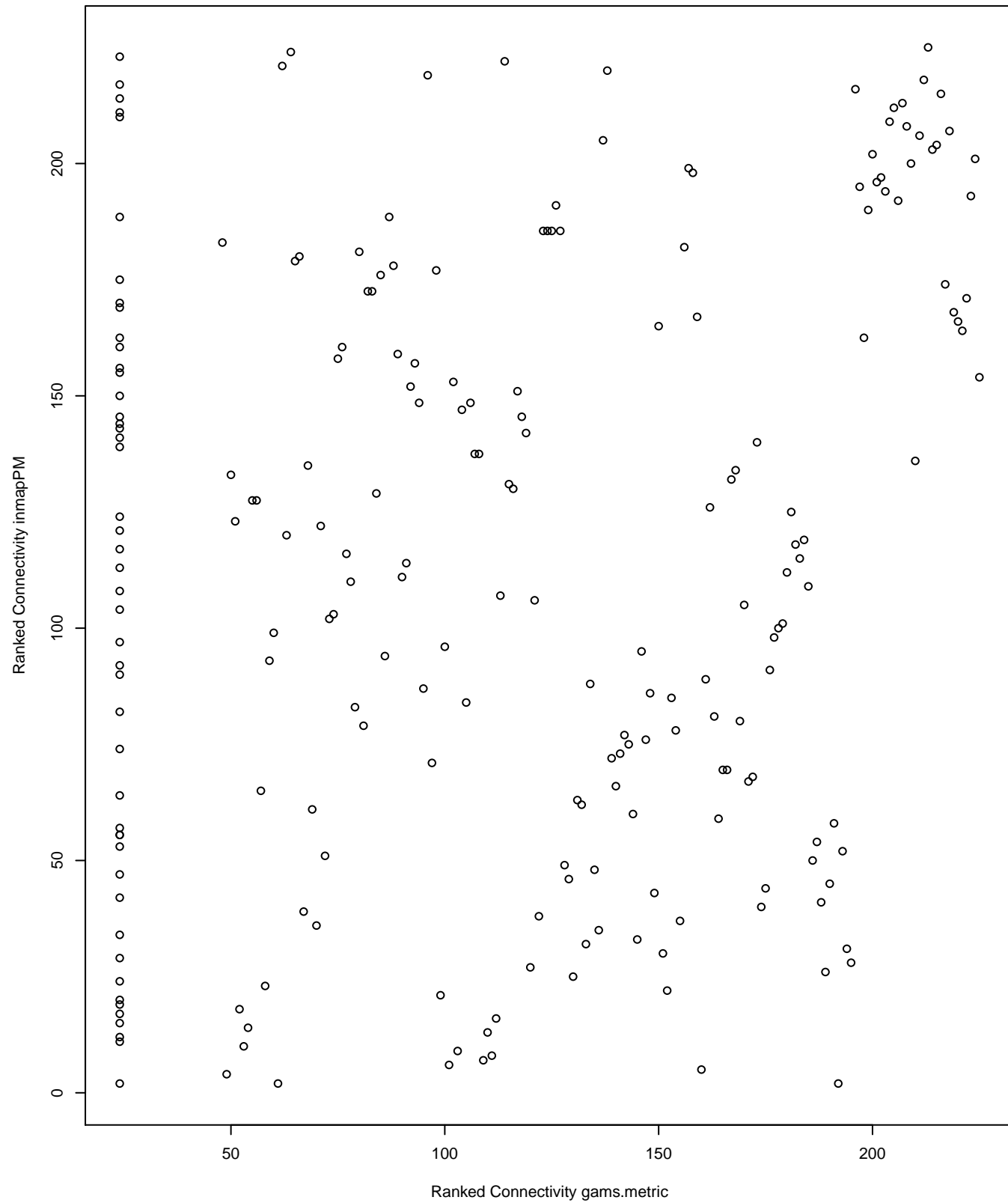
Southeast correlation = 0.08



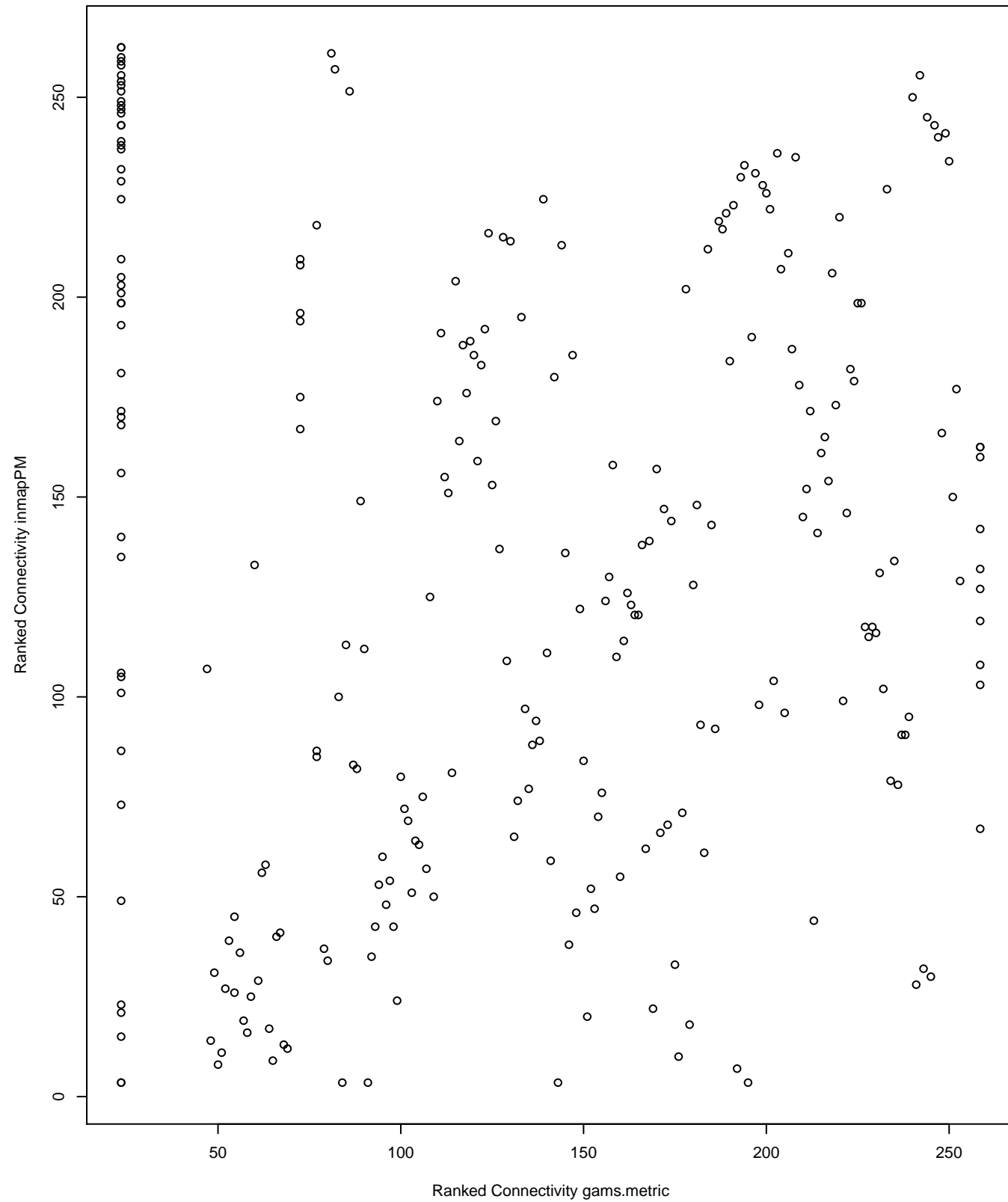
IndustrialMidwest correlation = 0.71



Northeast correlation = 0.18



Southeast correlation = 0.04



IndustrialMidwest correlation = 0.36

