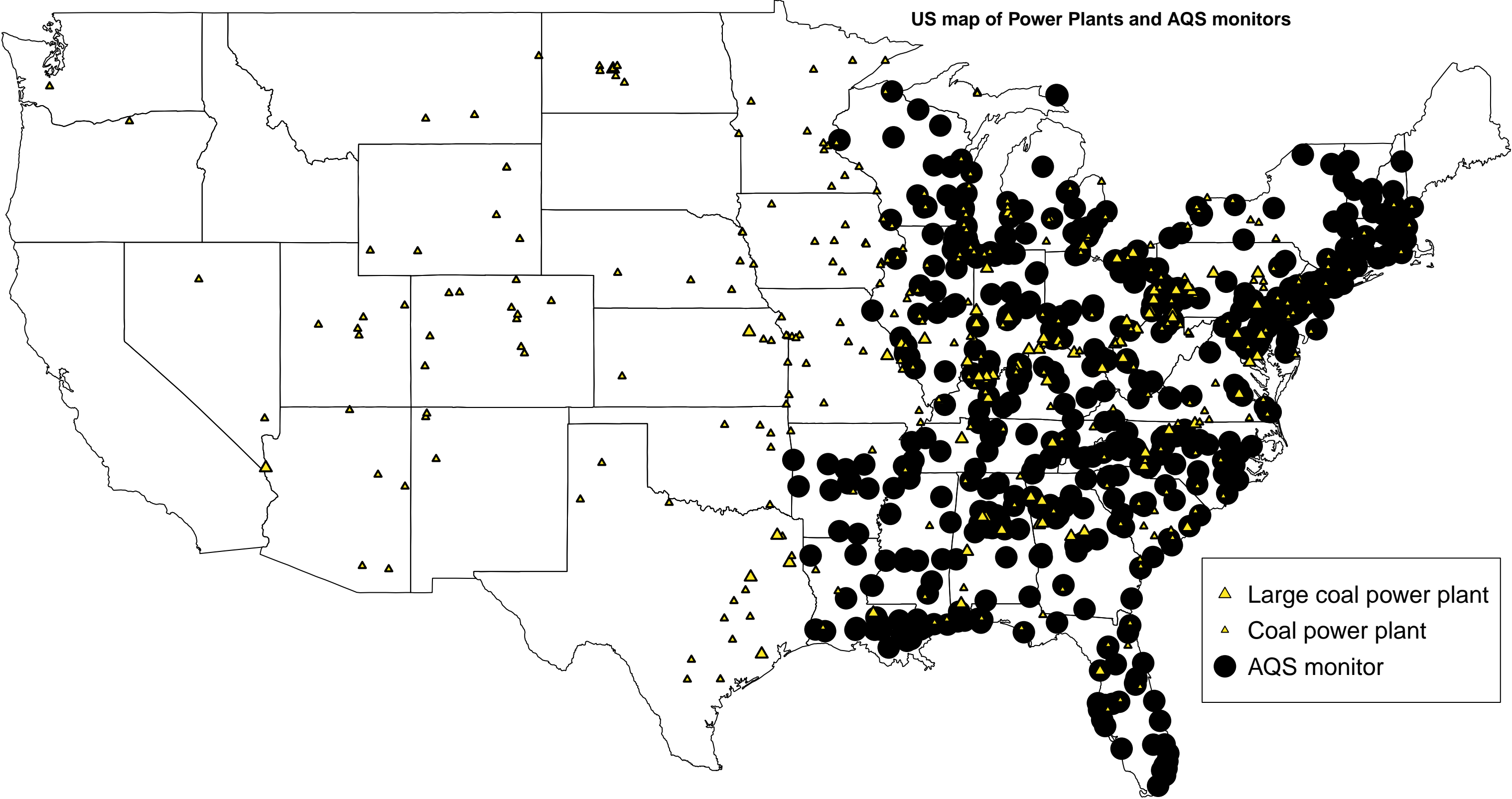
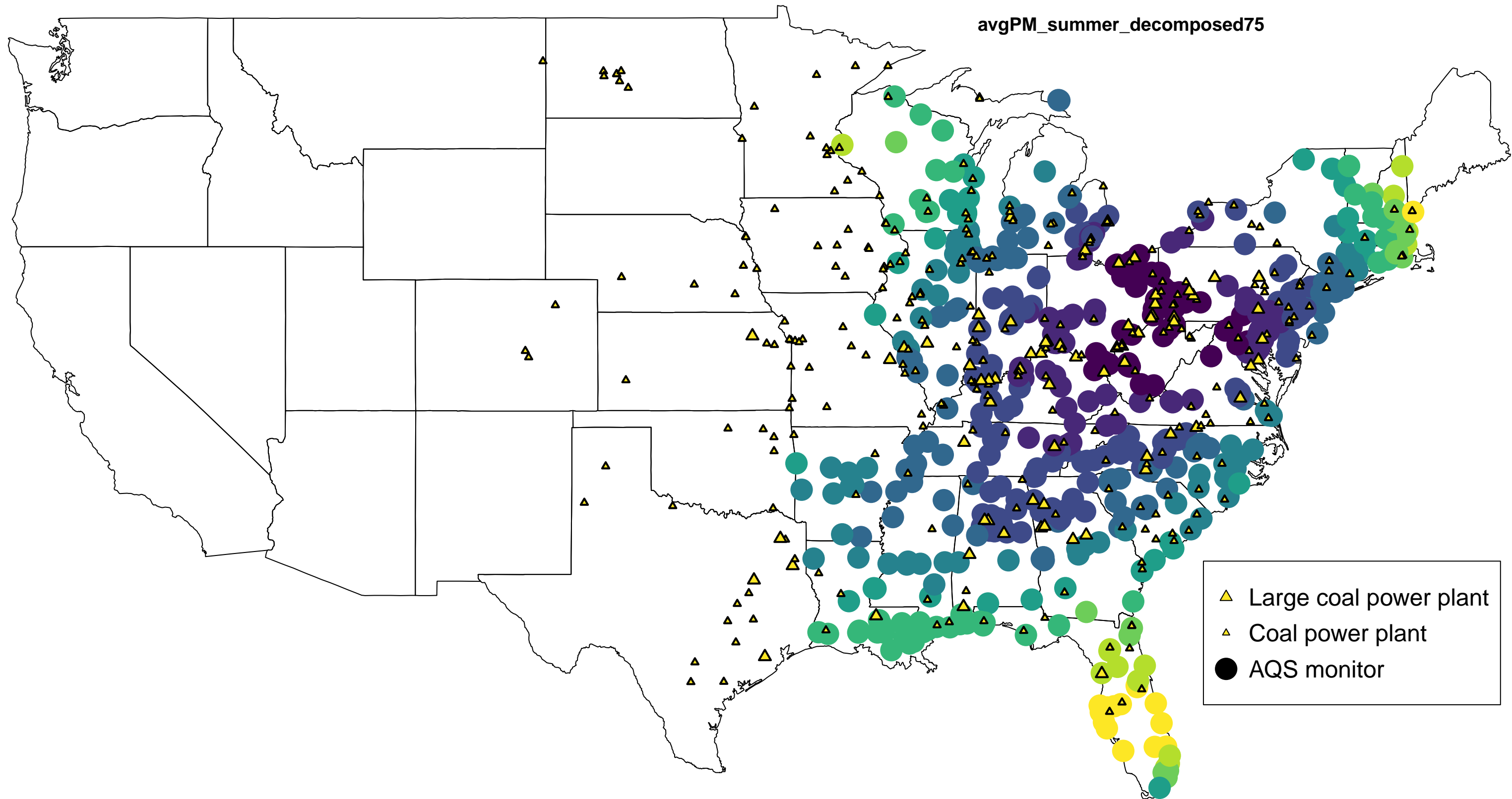
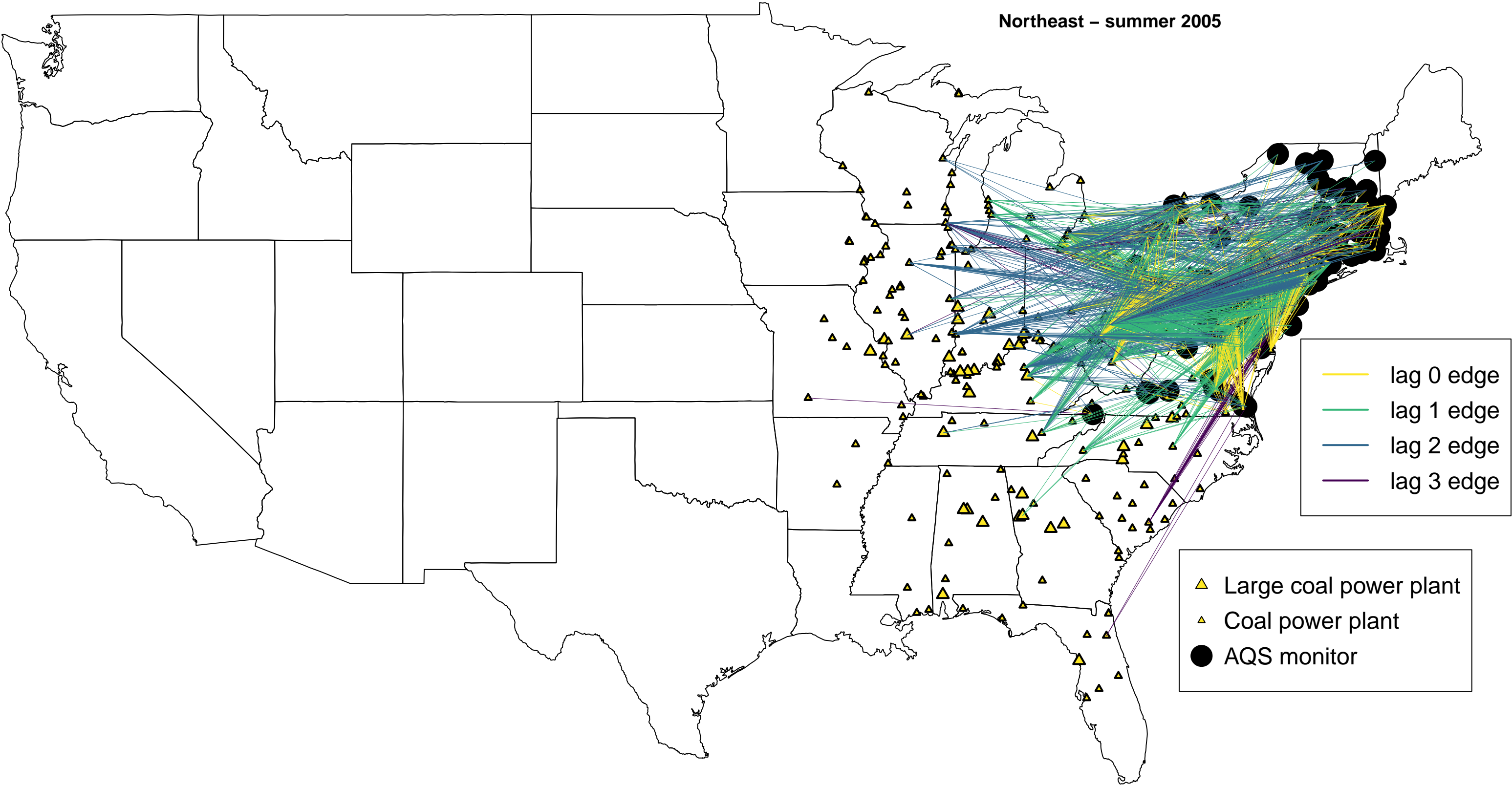


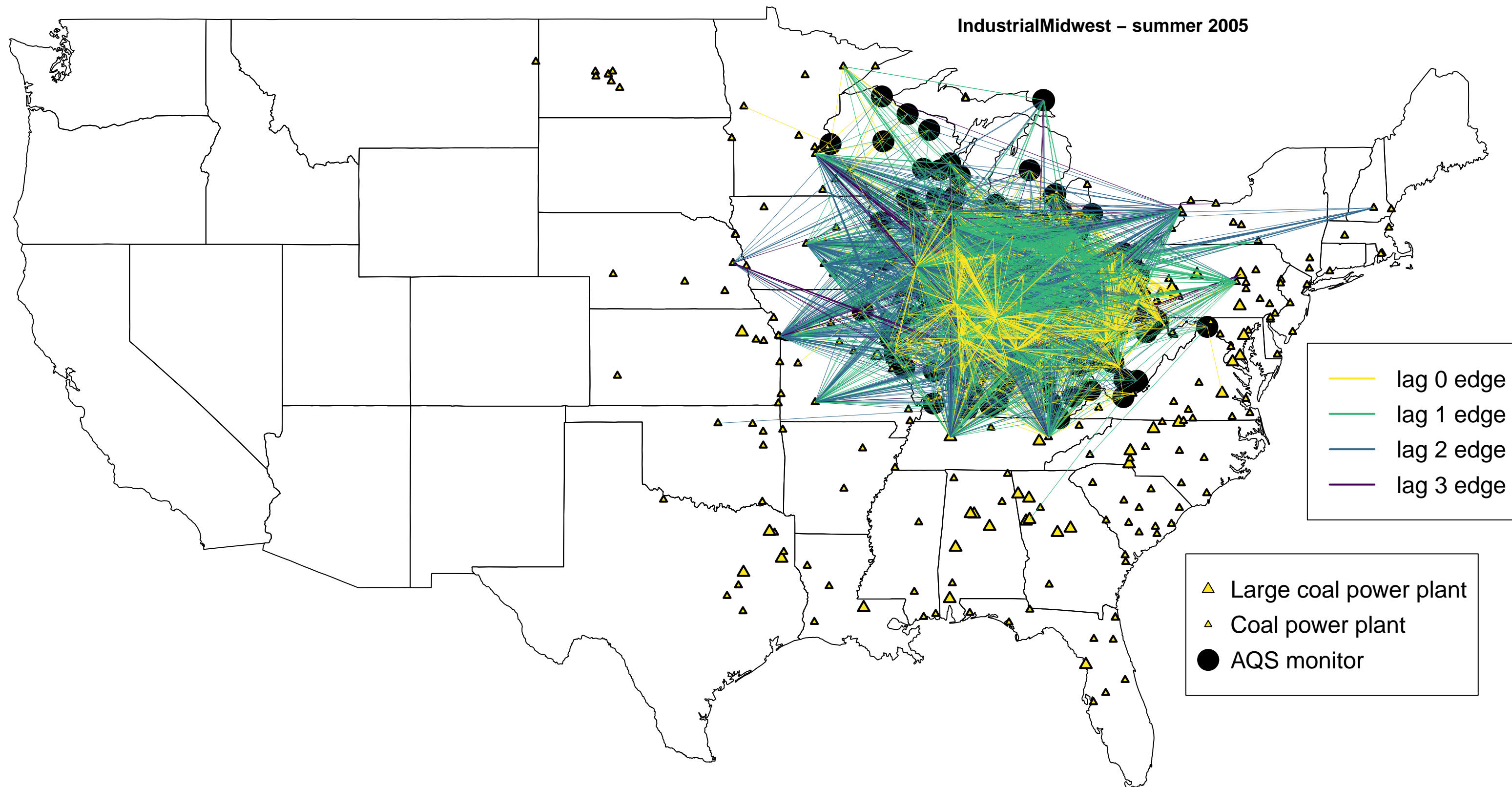
US map of Power Plants and AQS monitors





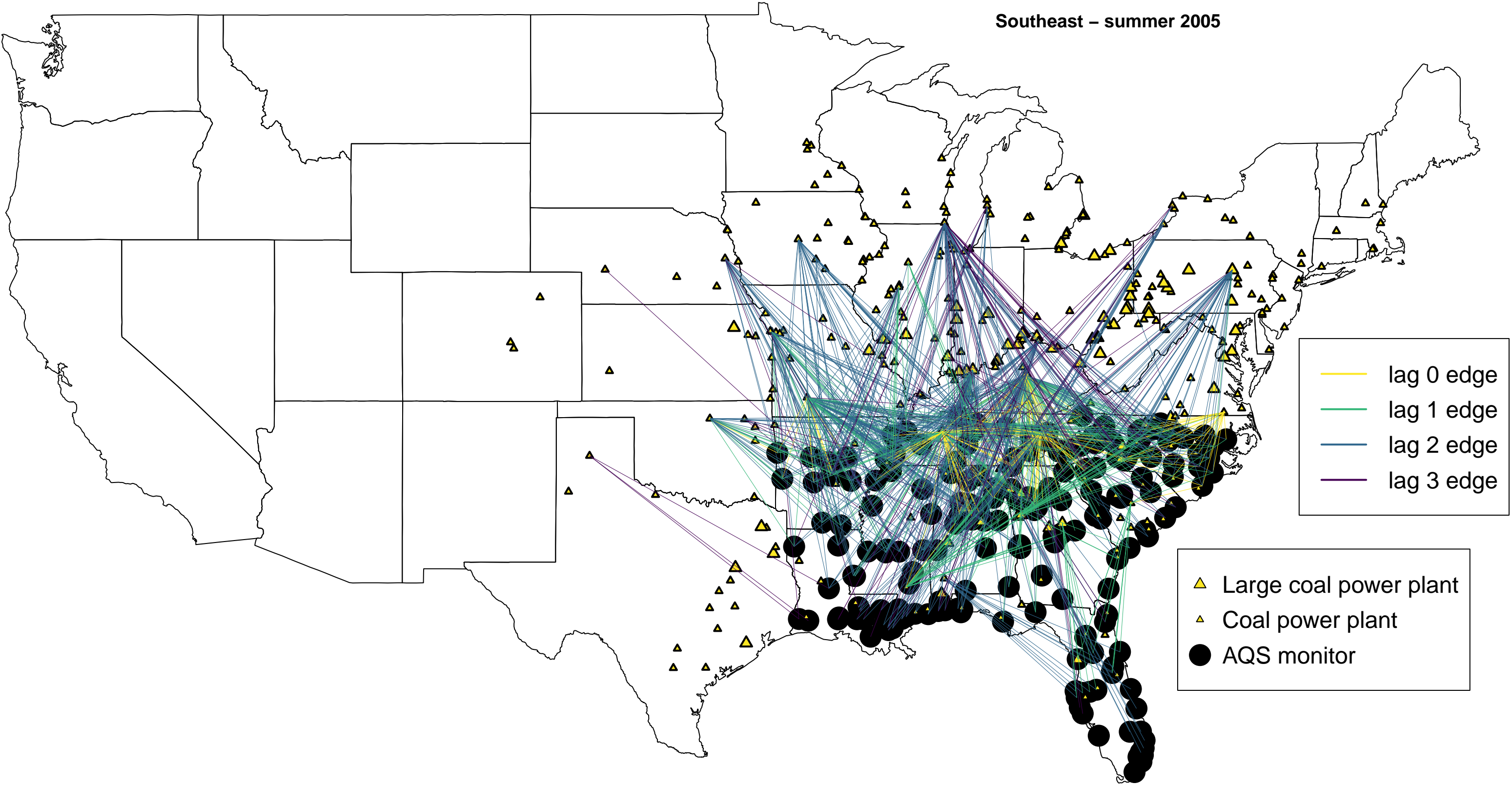
Northeast – summer 2005

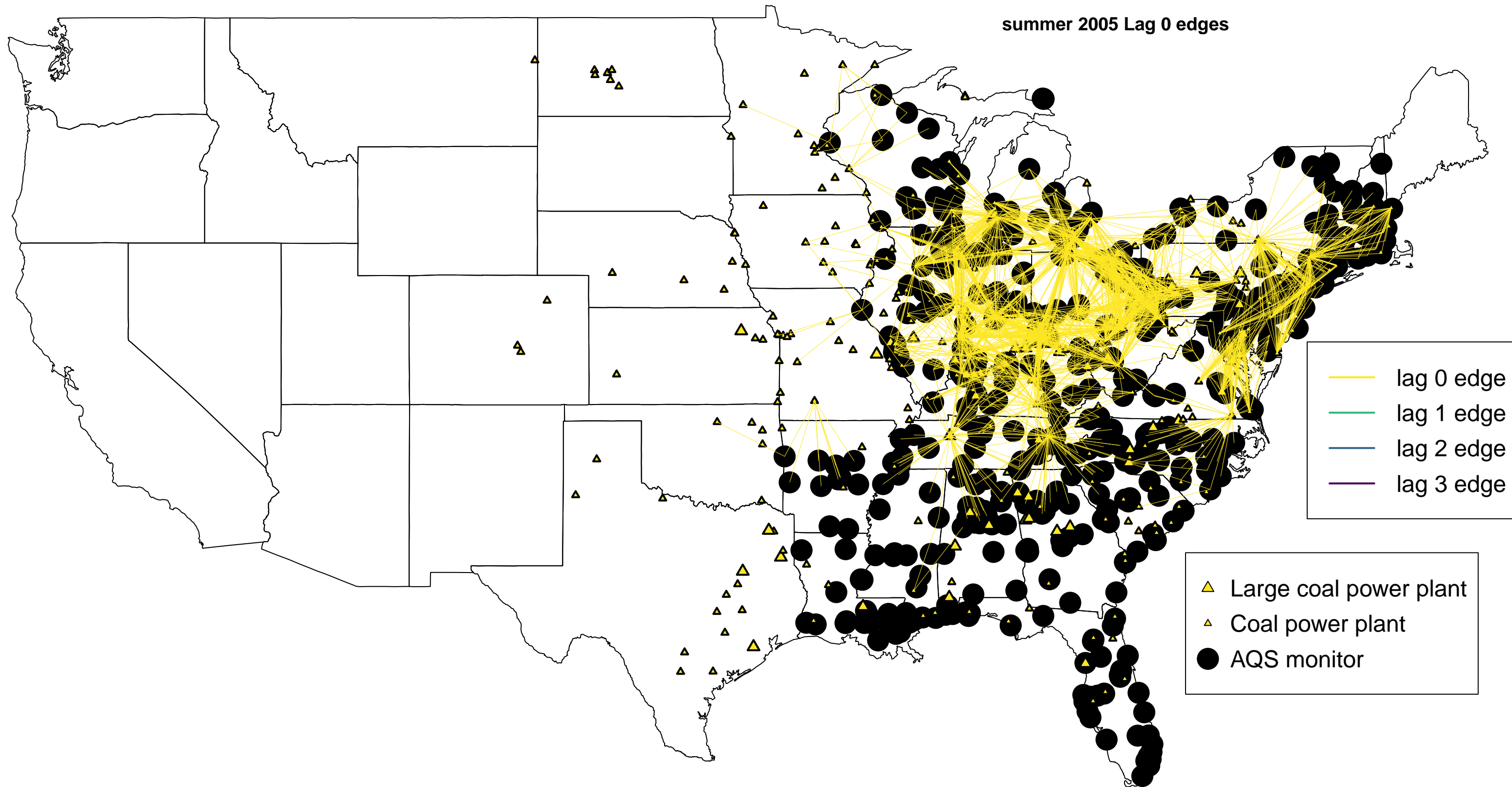




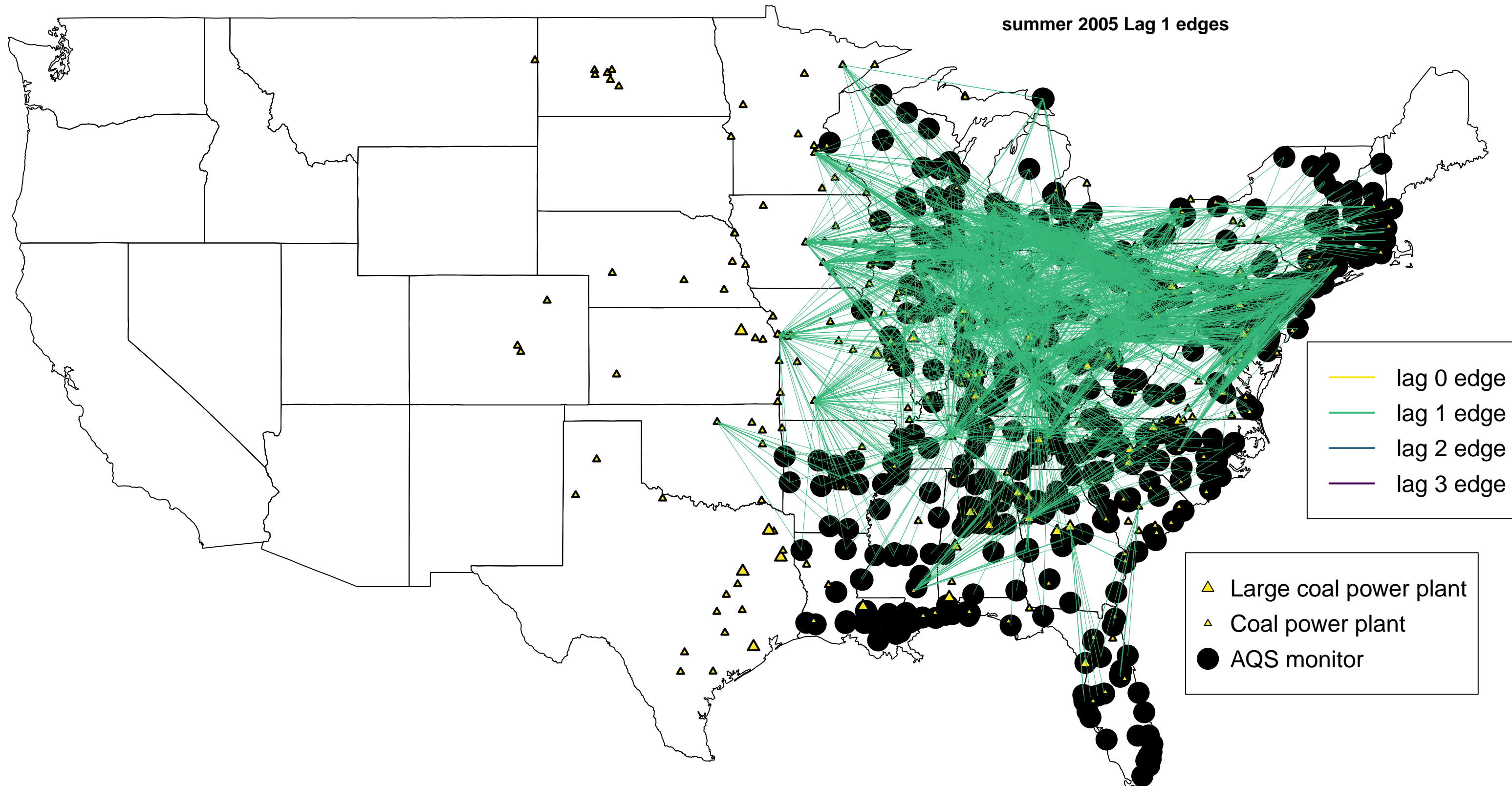


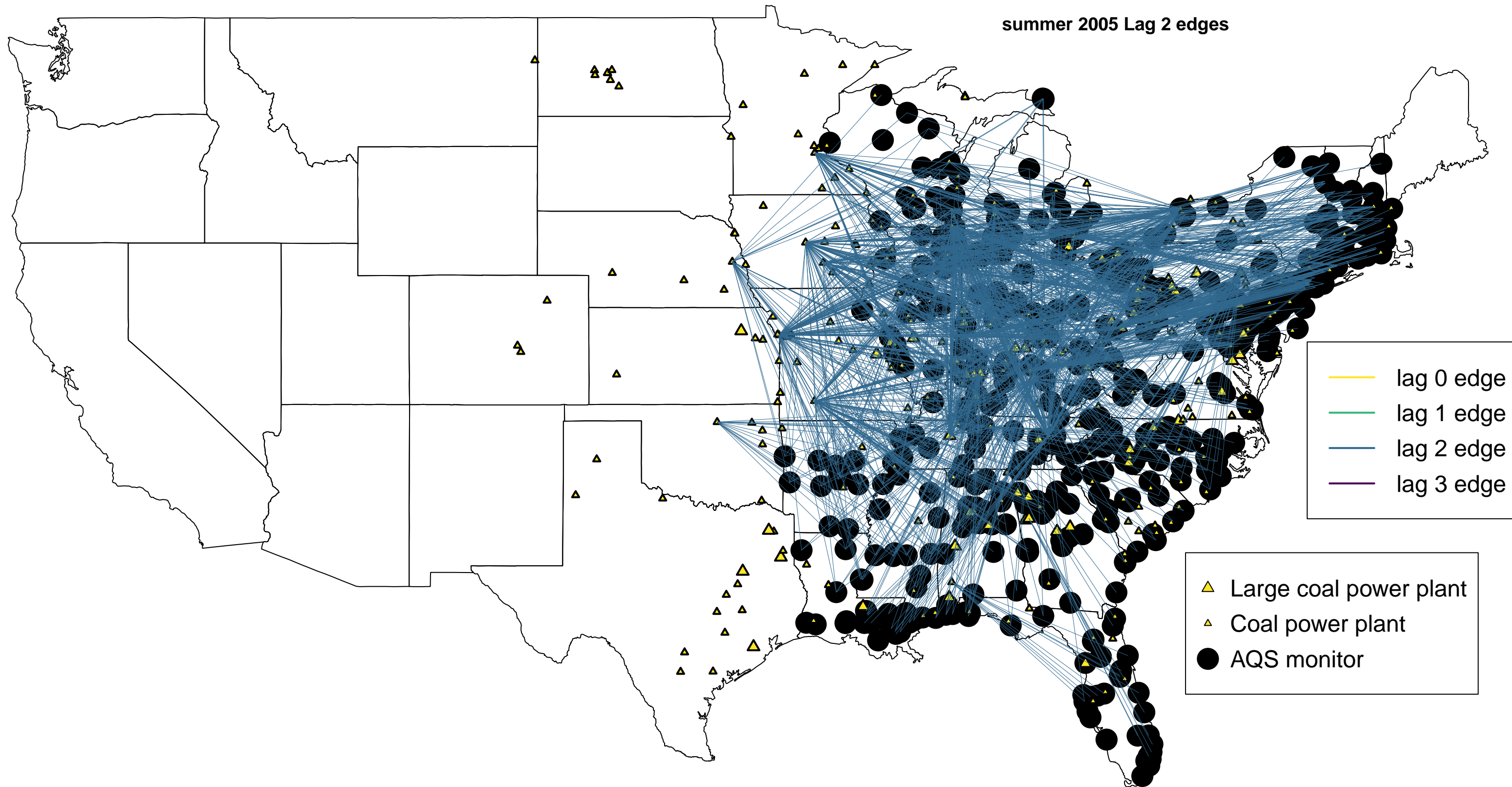
Southeast – summer 2005



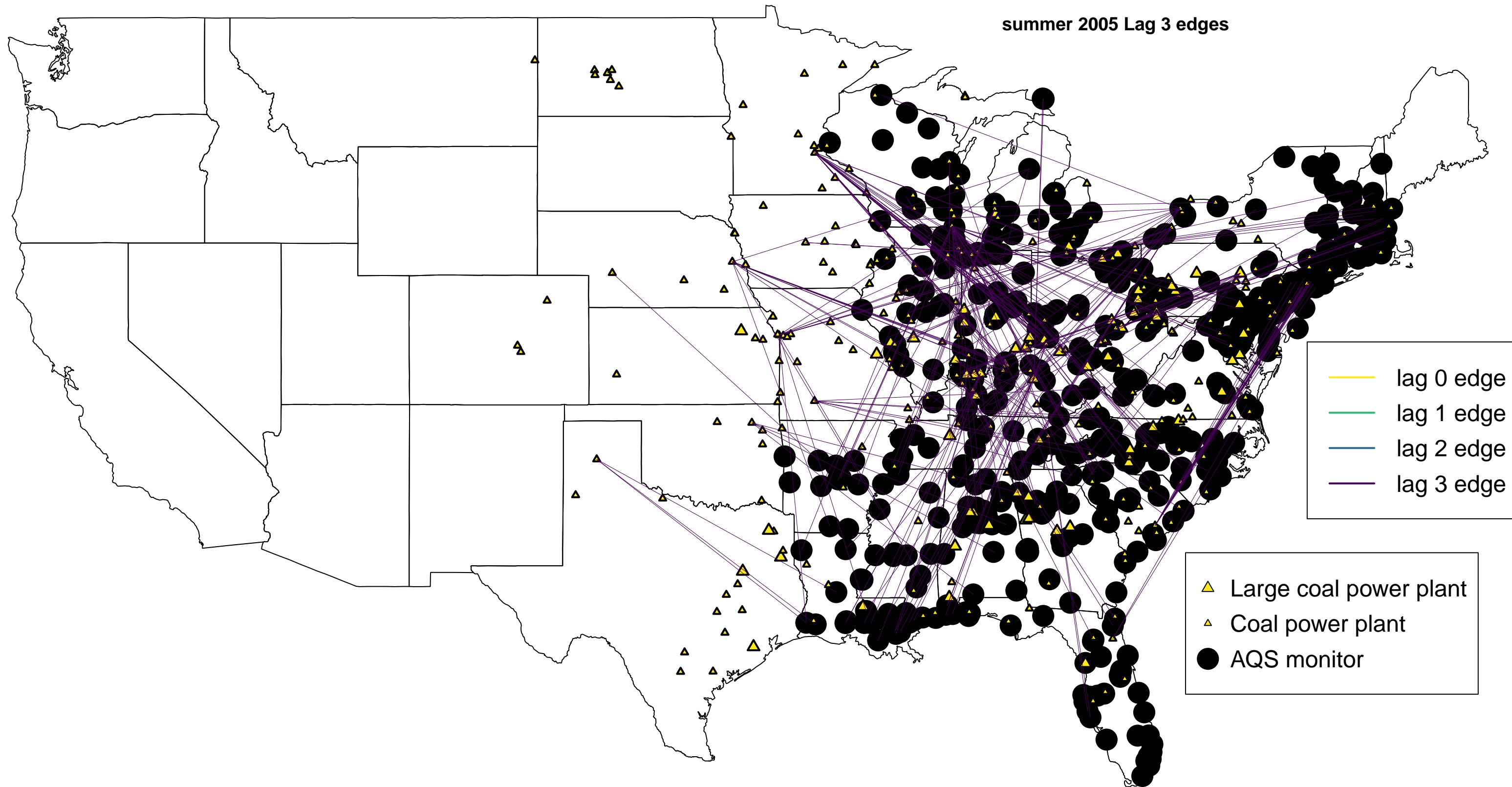




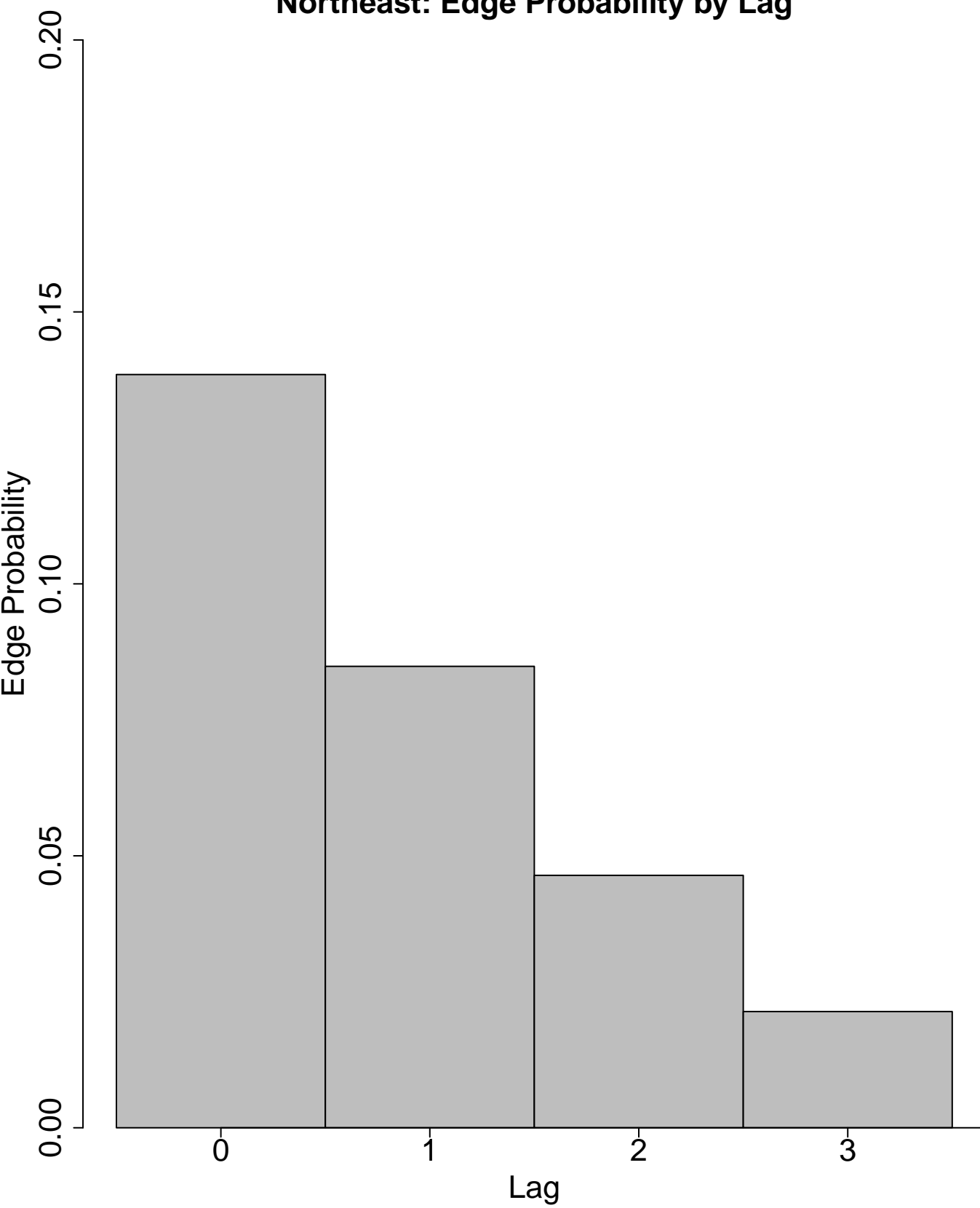




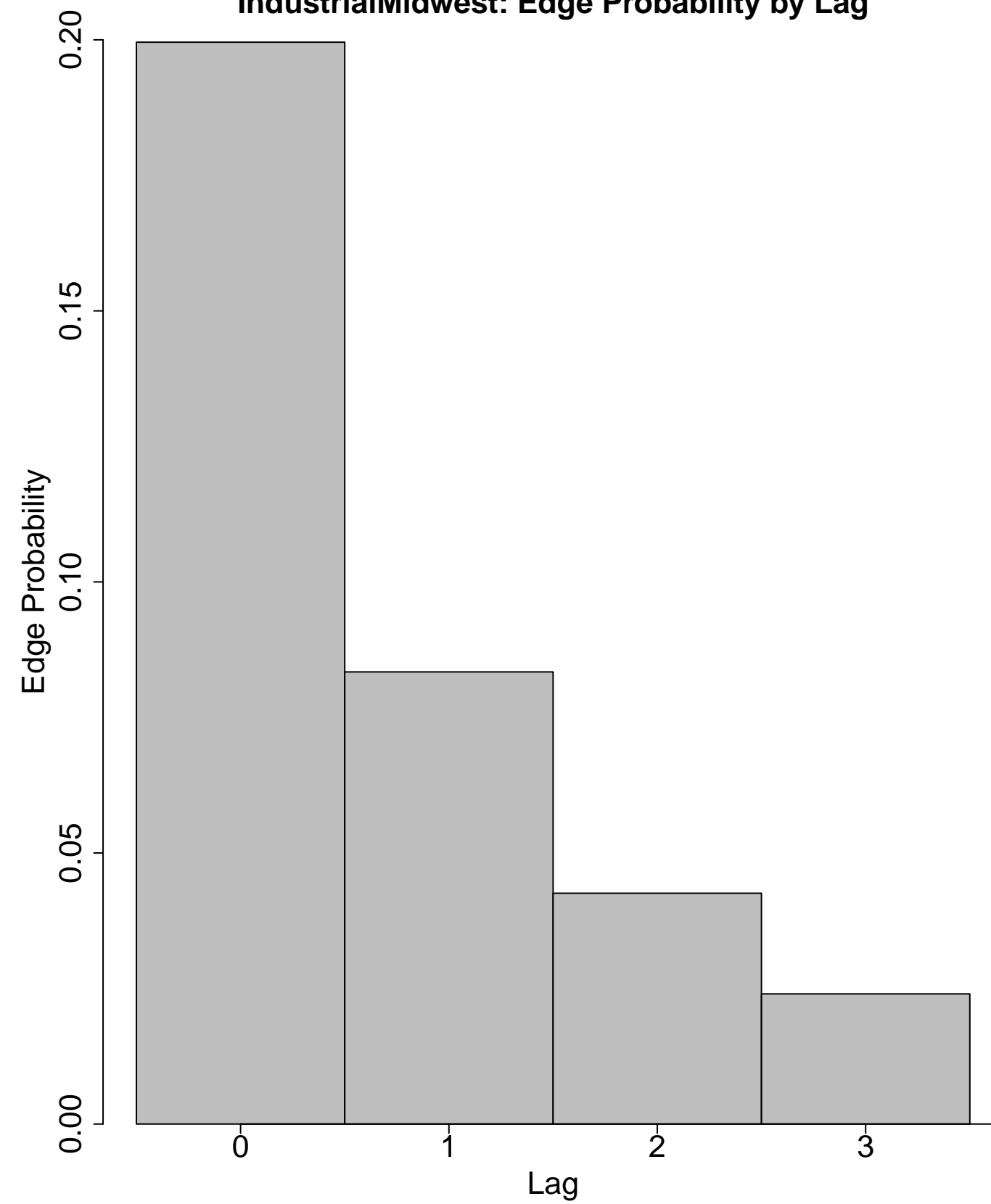




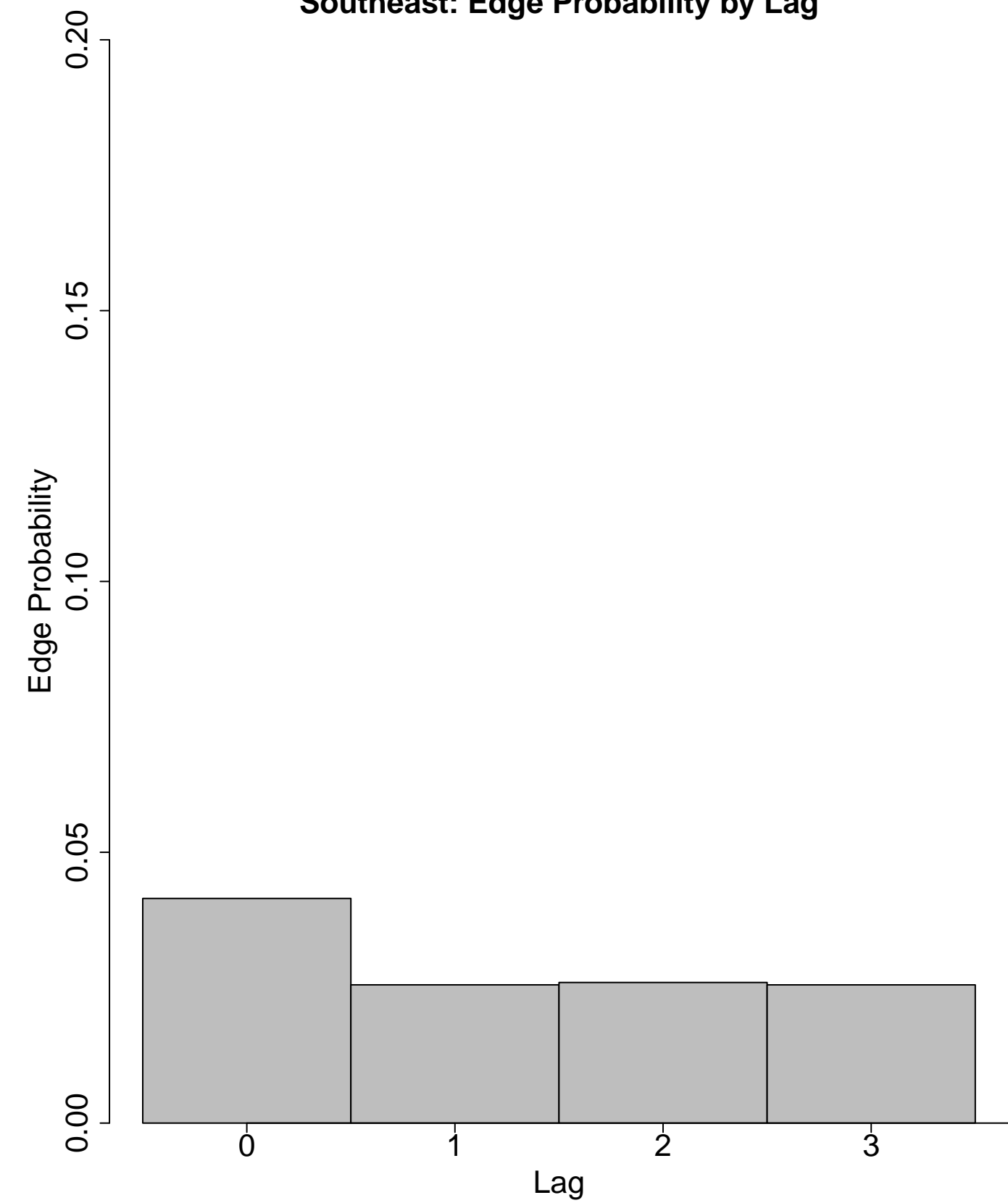
Northeast: Edge Probability by Lag



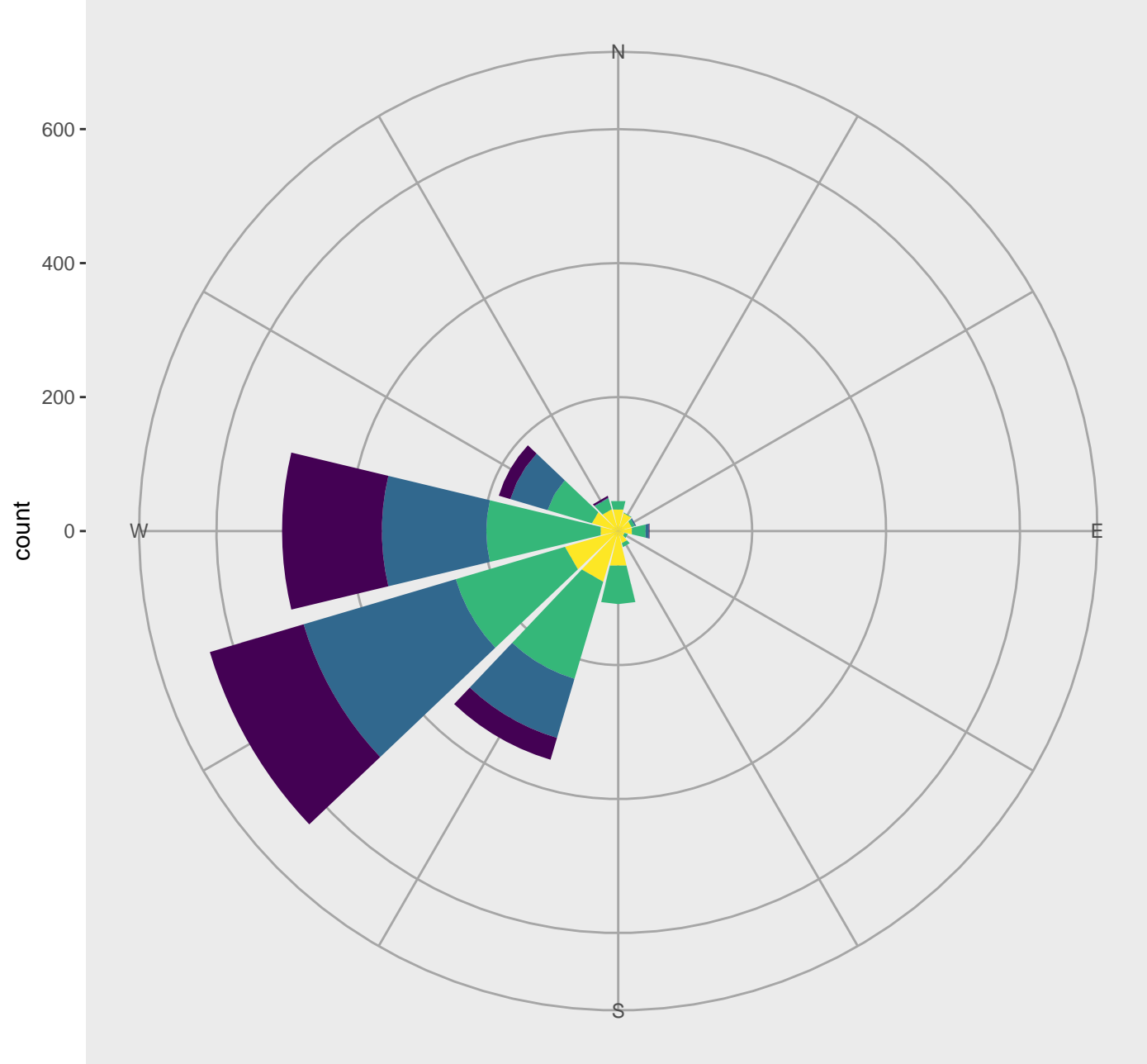
IndustrialMidwest: Edge Probability by Lag



Southeast: Edge Probability by Lag

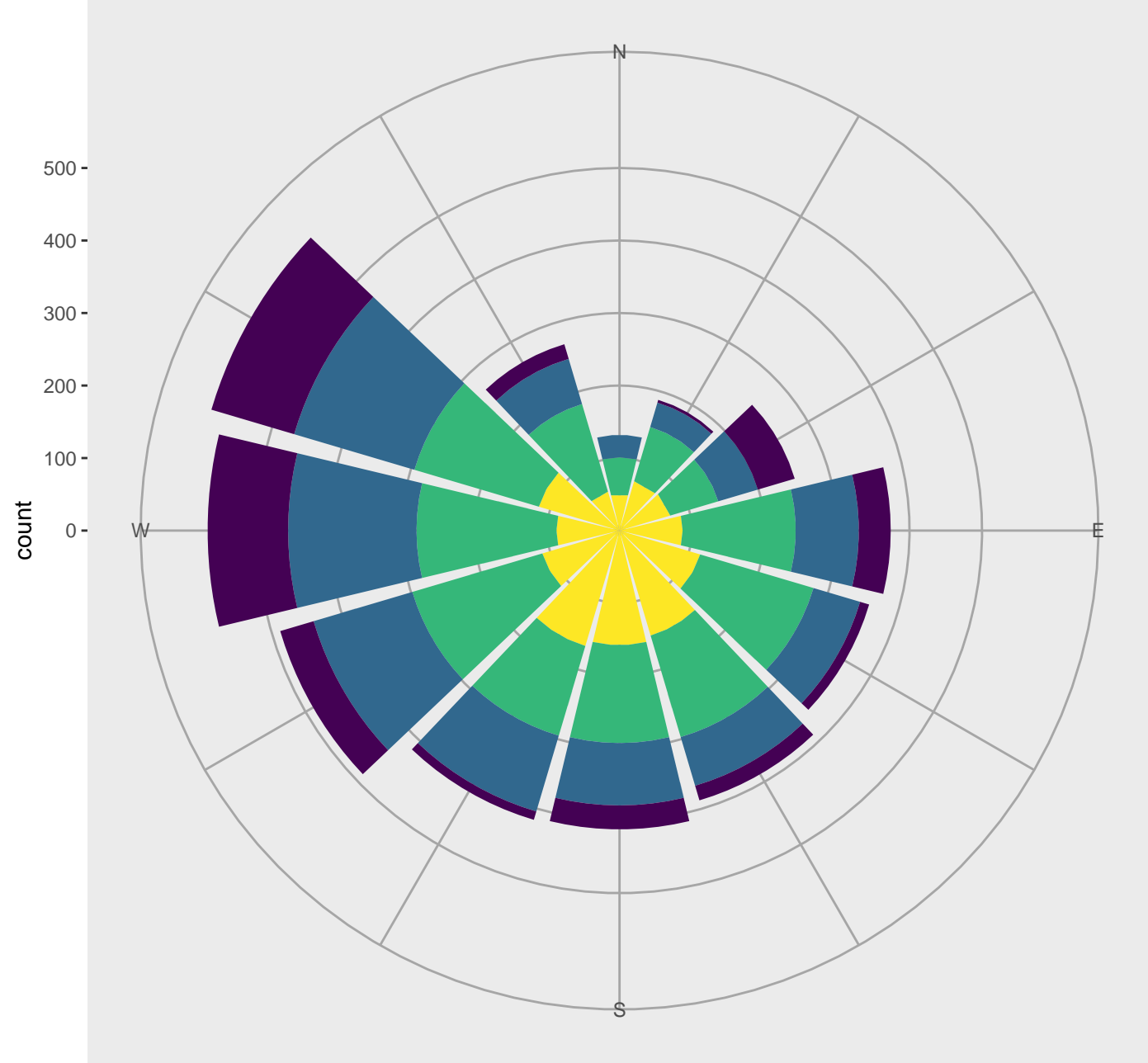


Northeast receptors: Edges by distance and direction to source



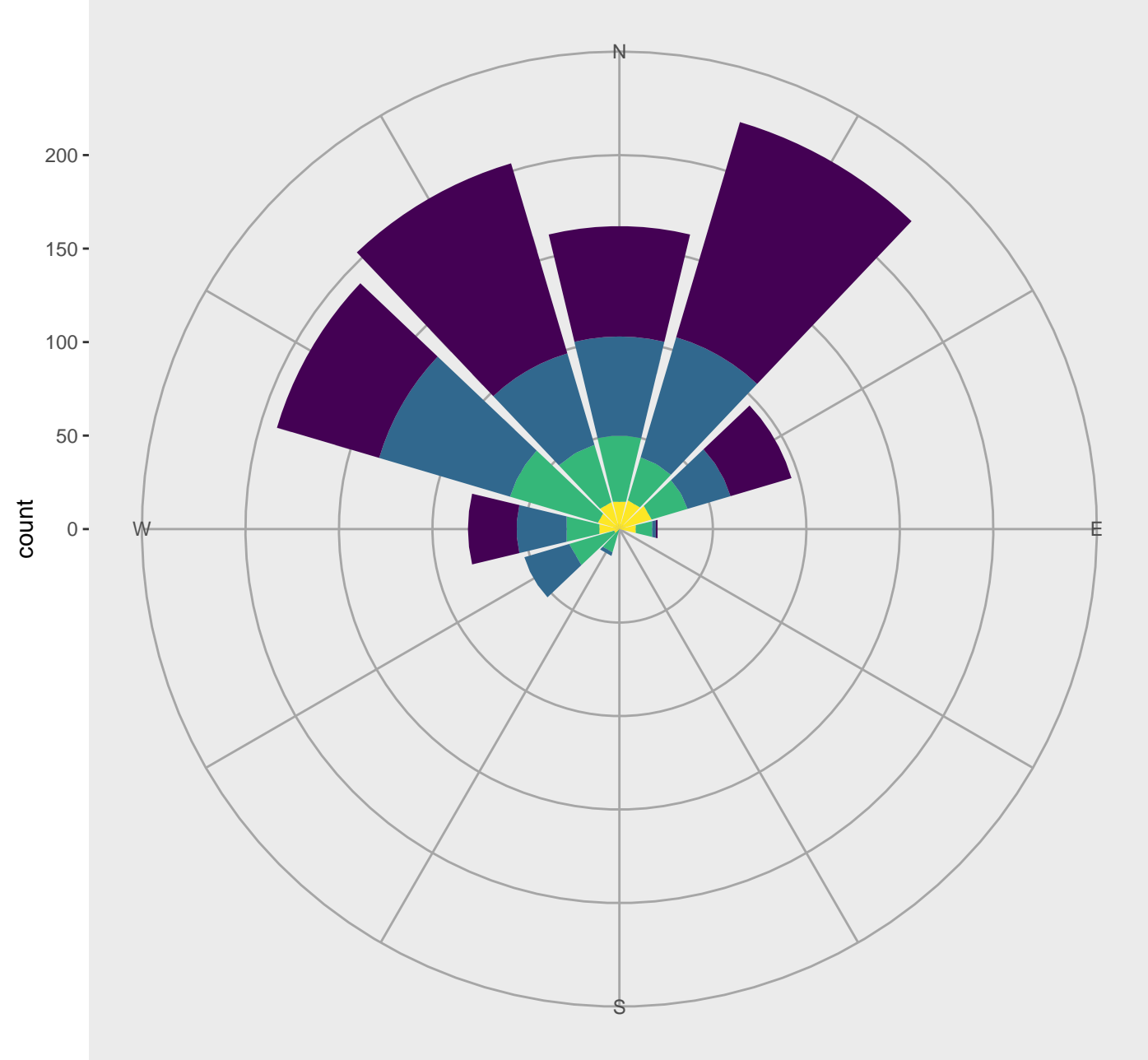
Distance to Source (km) 750-1000 500-750 250-500 0-250

IndustrialMidwest receptors: Edges by distance and direction to source



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

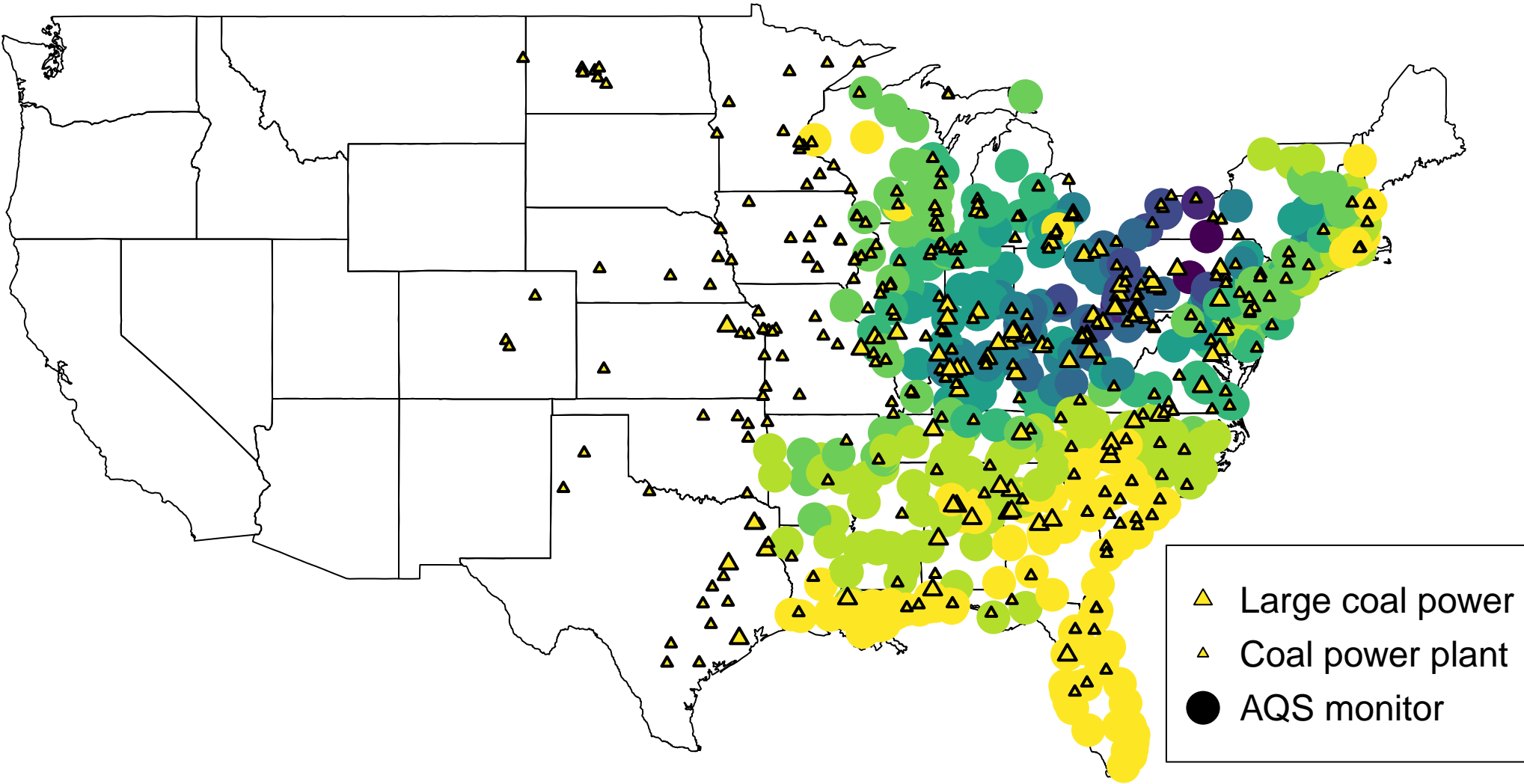
Southeast receptors: Edges by distance and direction to source



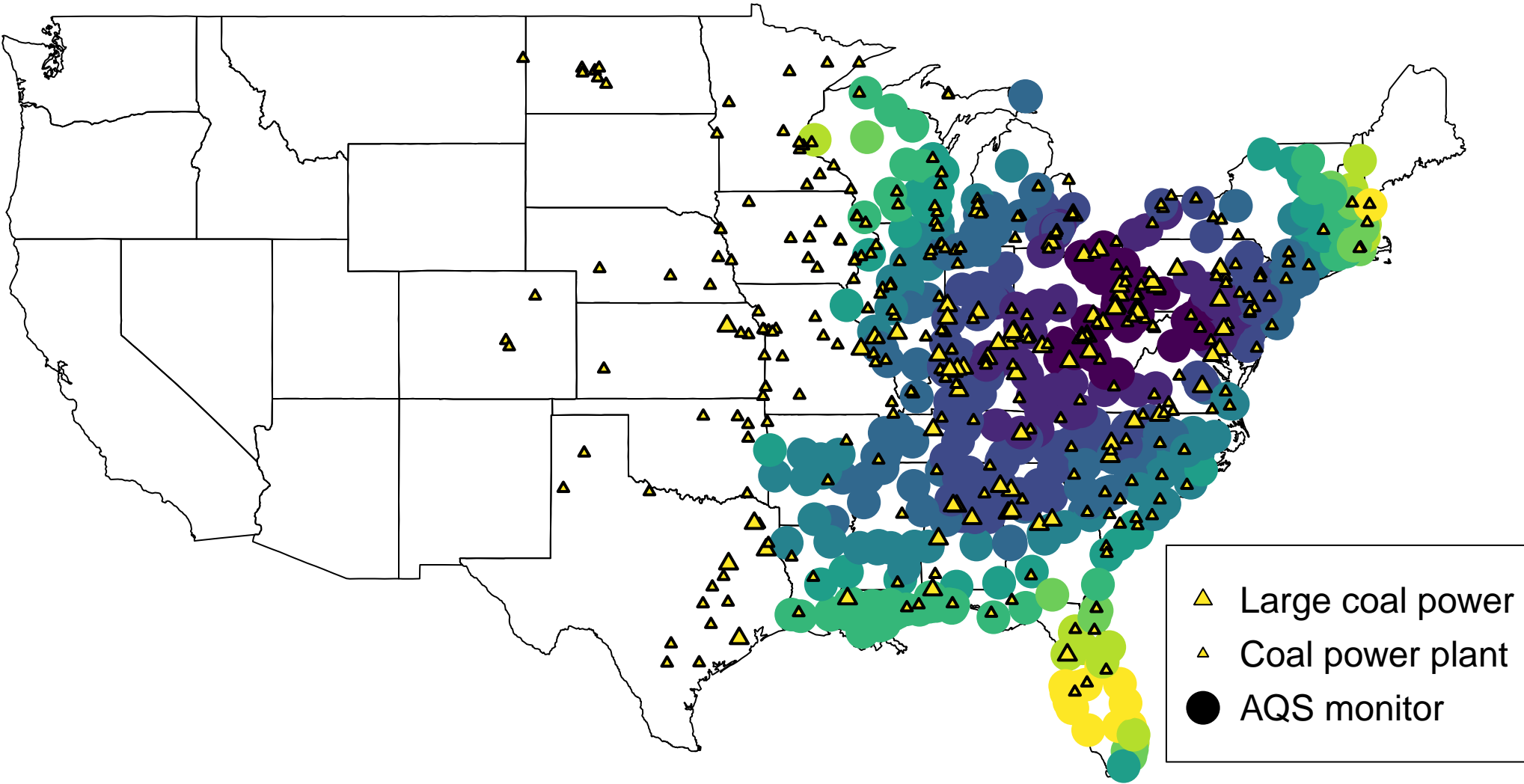
Distance to Source (km) 750-1000 500-750 250-500 0-250



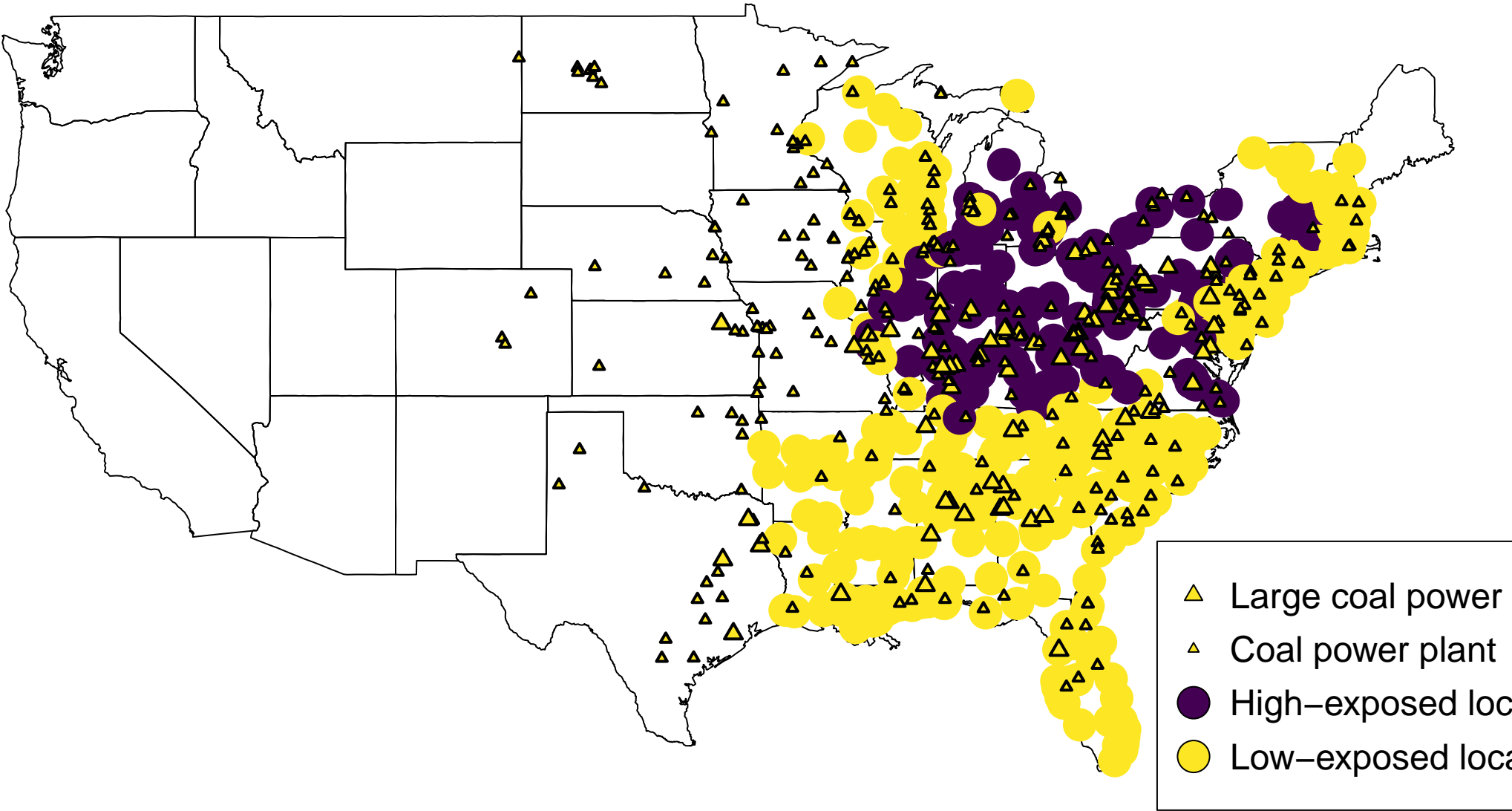
sum of gams.coeff summer 2005



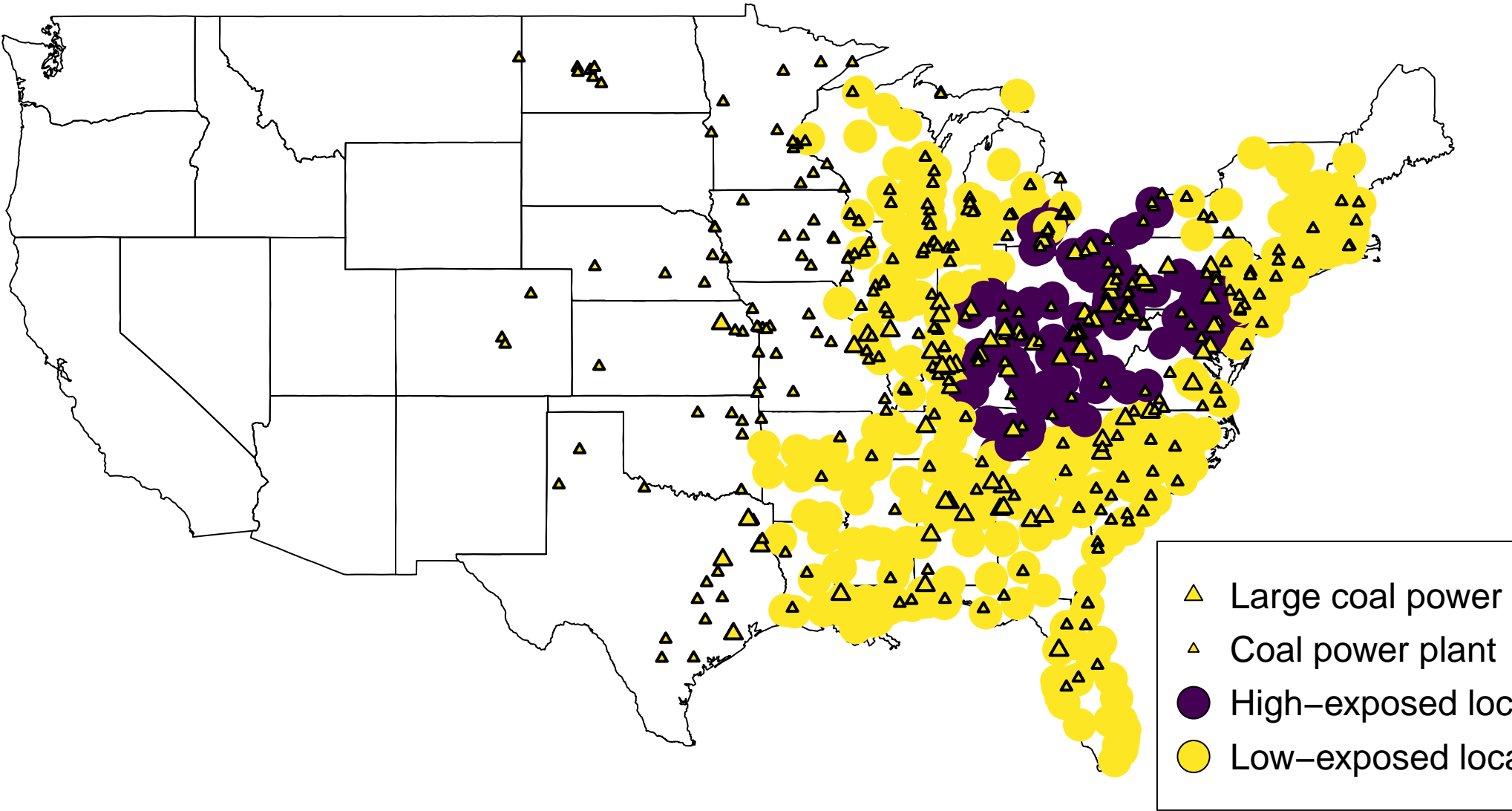
avgPM\_decomposed75 summer 2005



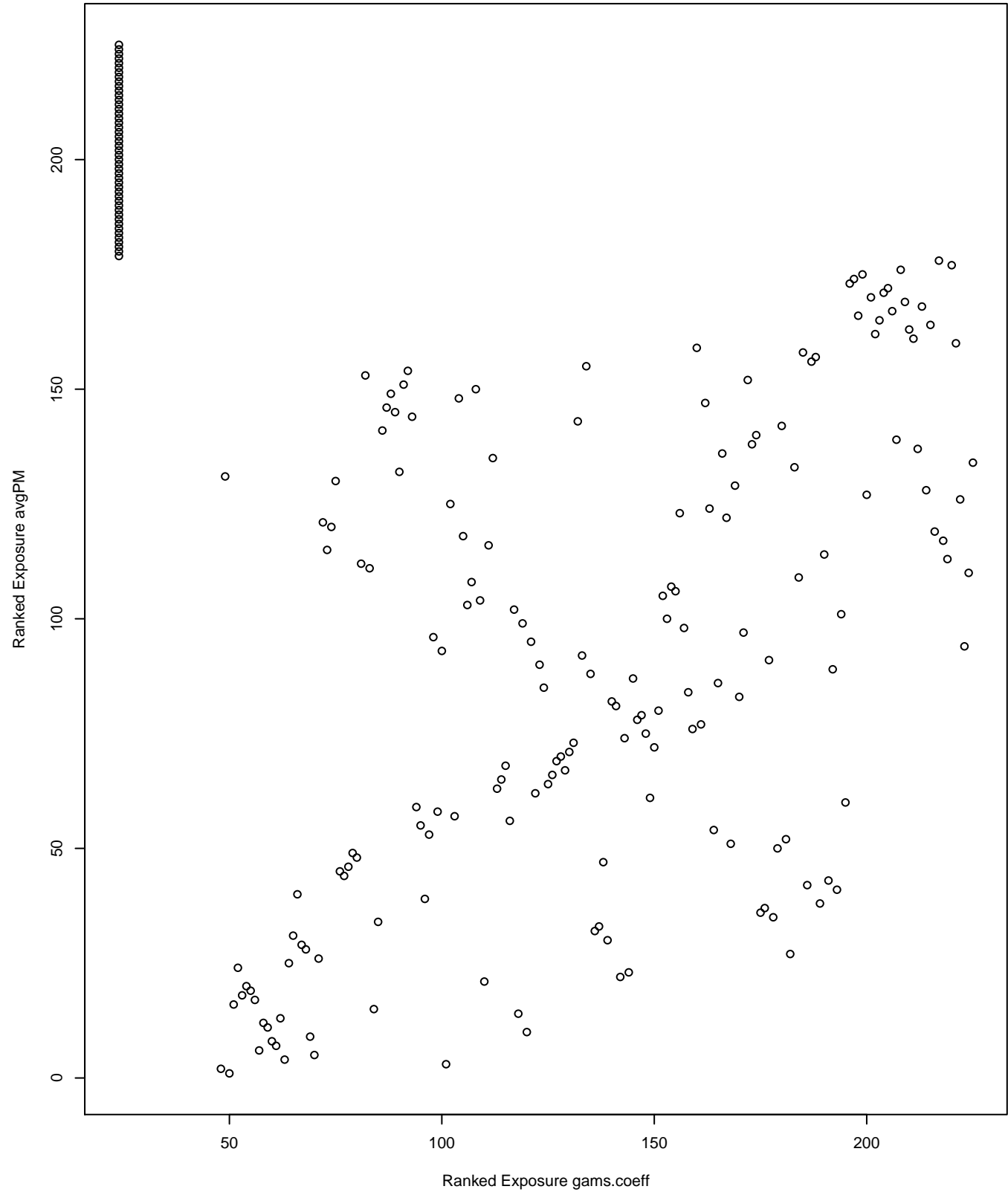
sum of gams.coeff summer 2005



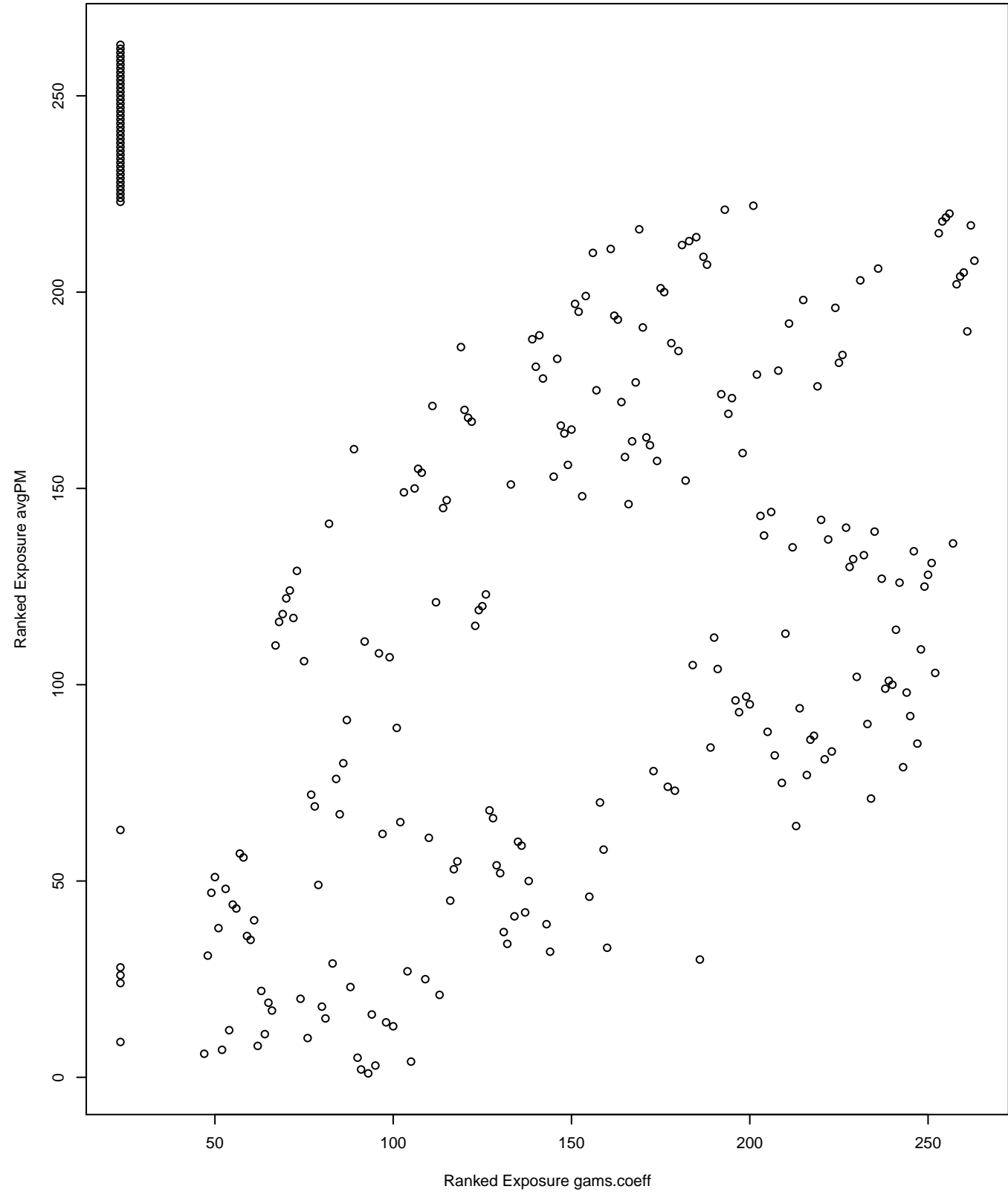
avgPM\_decomposed75 summer 2005



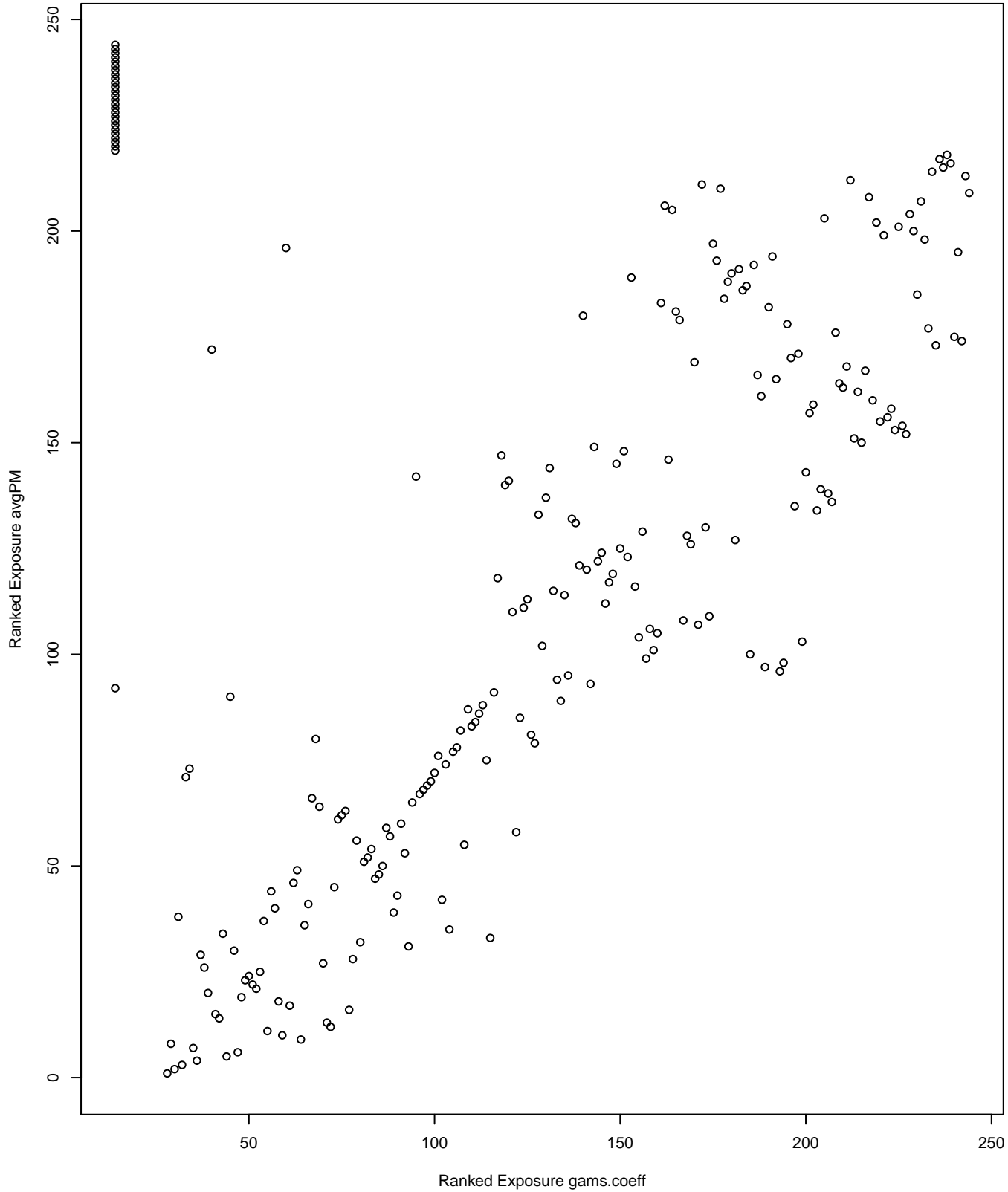
Northeast correlation = 0.55



Southeast correlation = 0.53

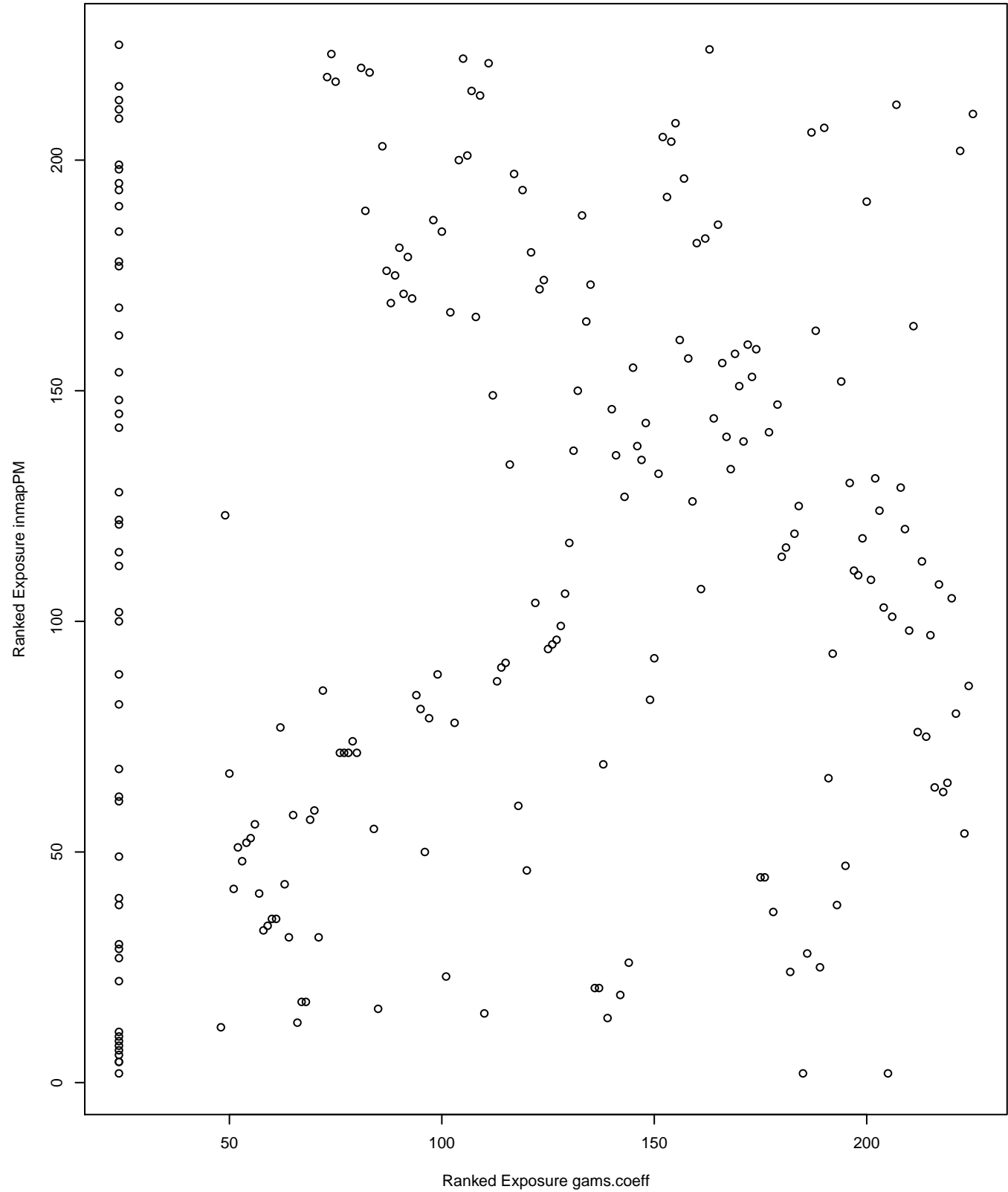


IndustrialMidwest correlation = 0.87

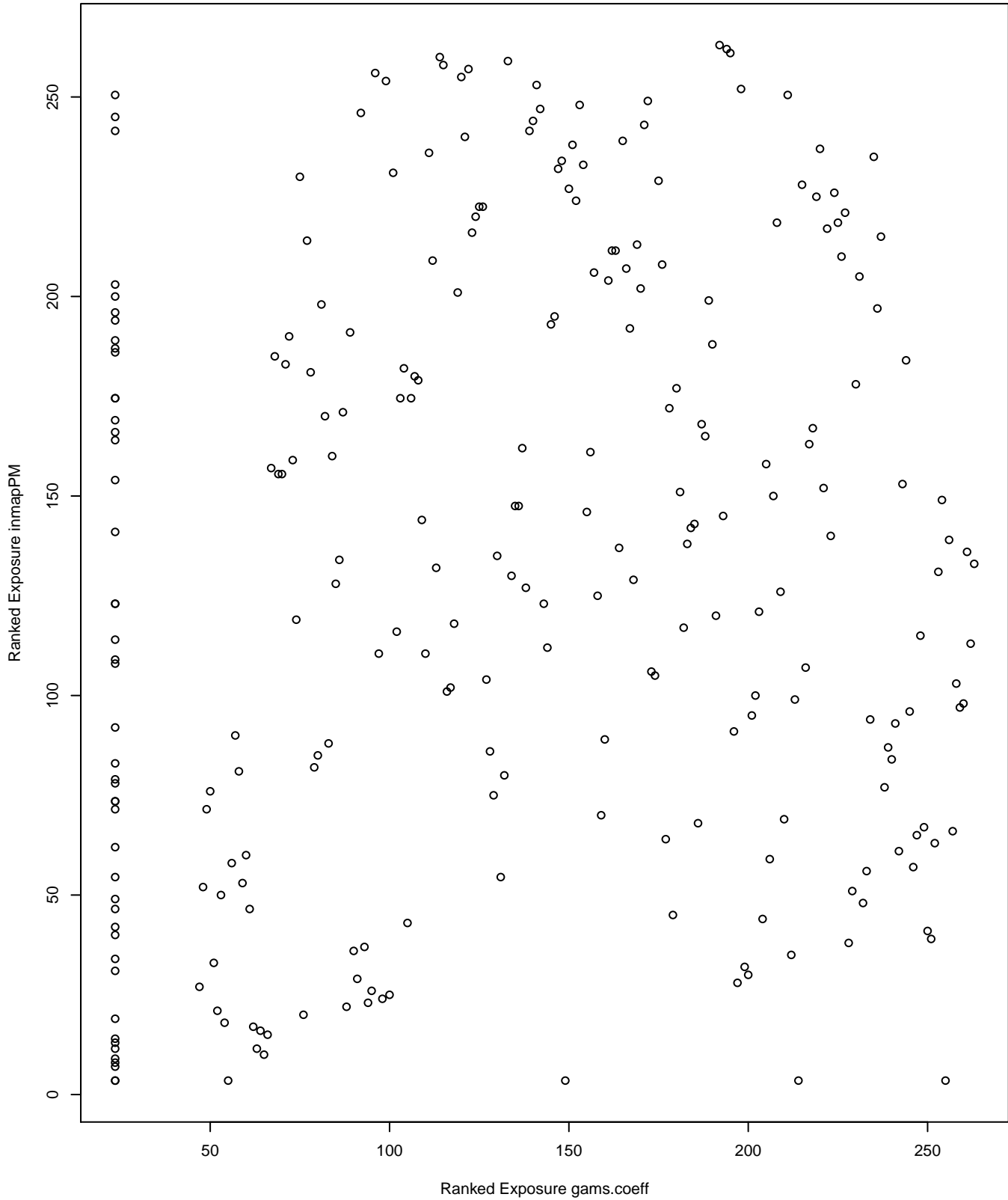




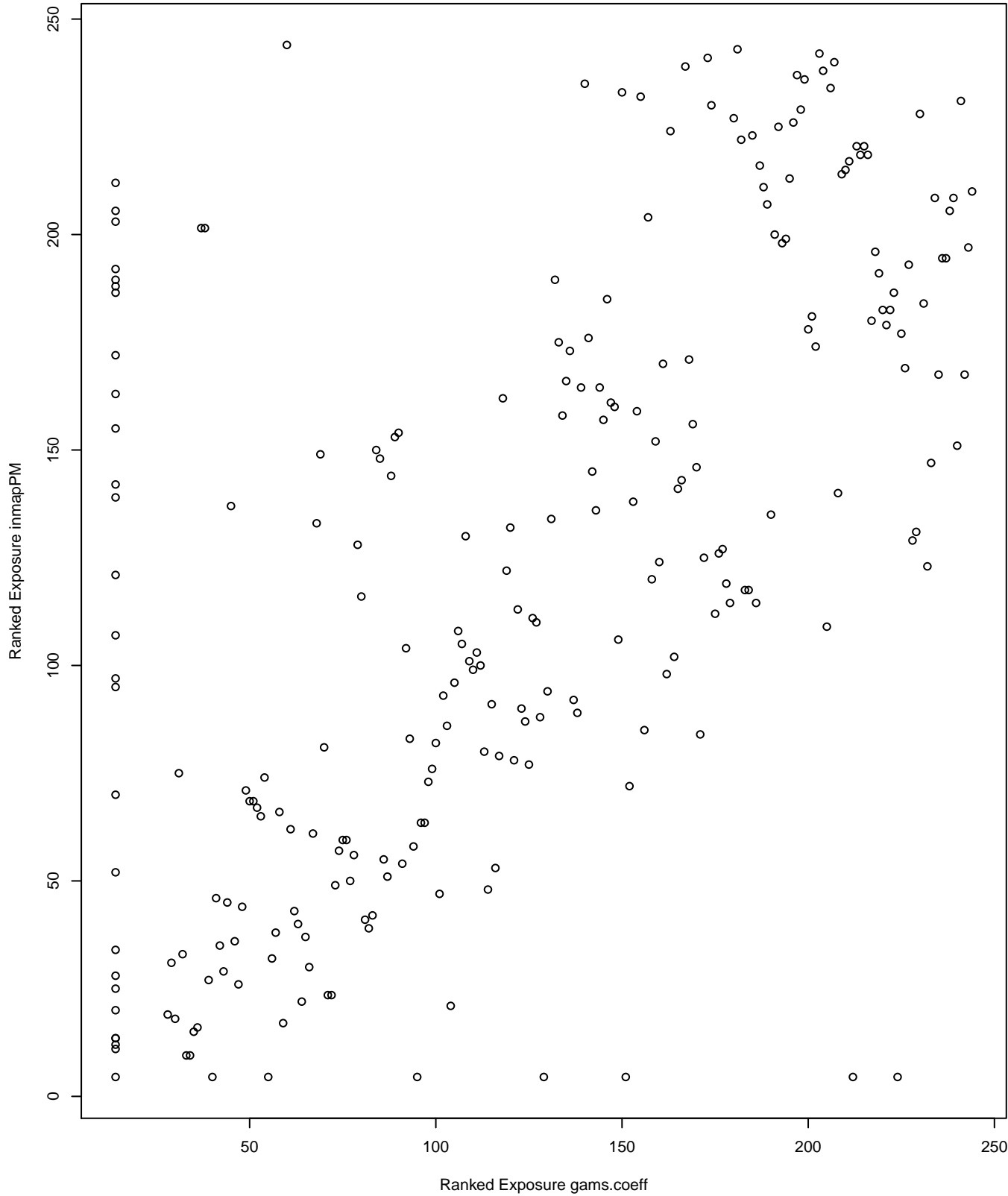
Northeast correlation = 0.14



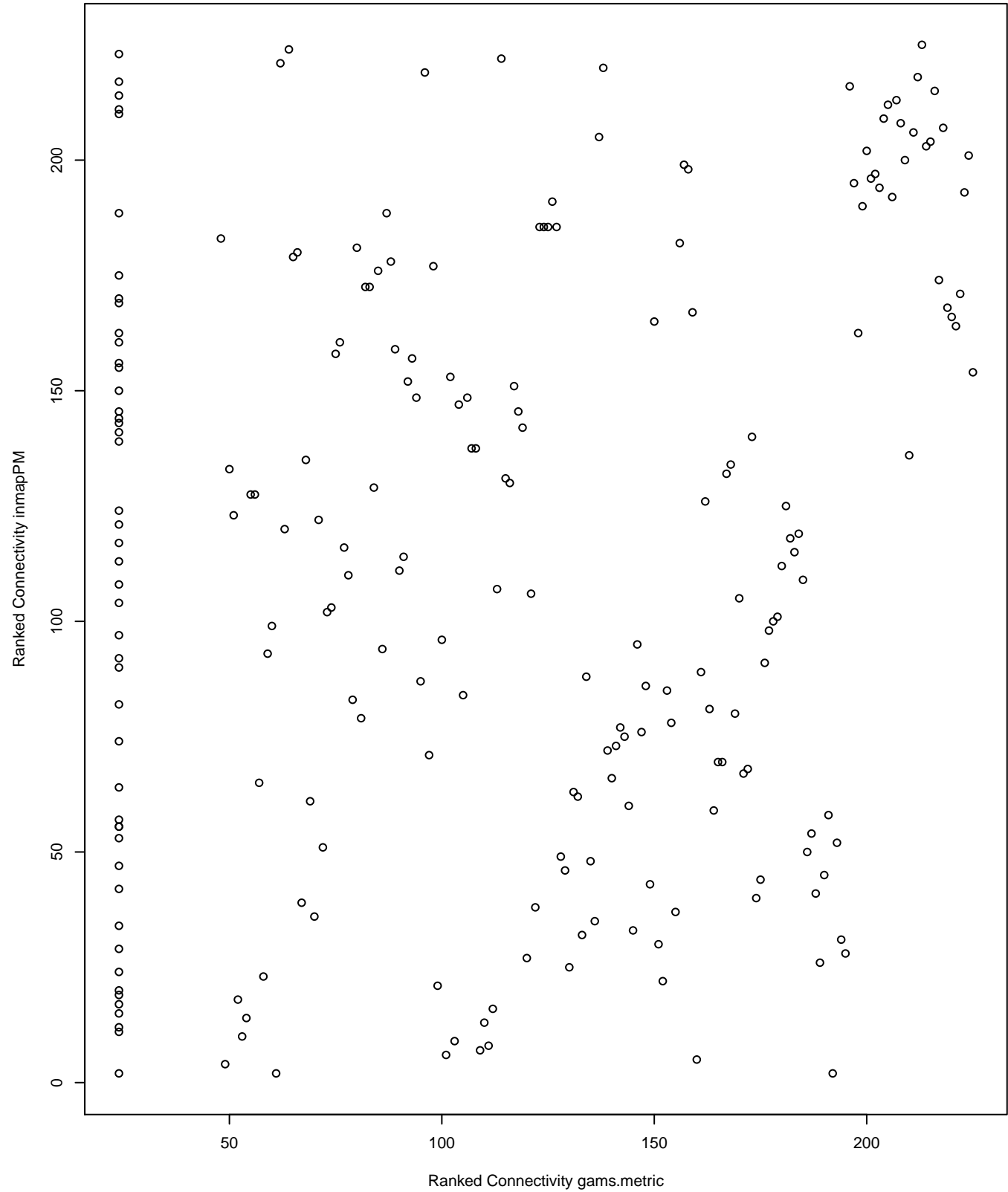
Southeast correlation = 0.08



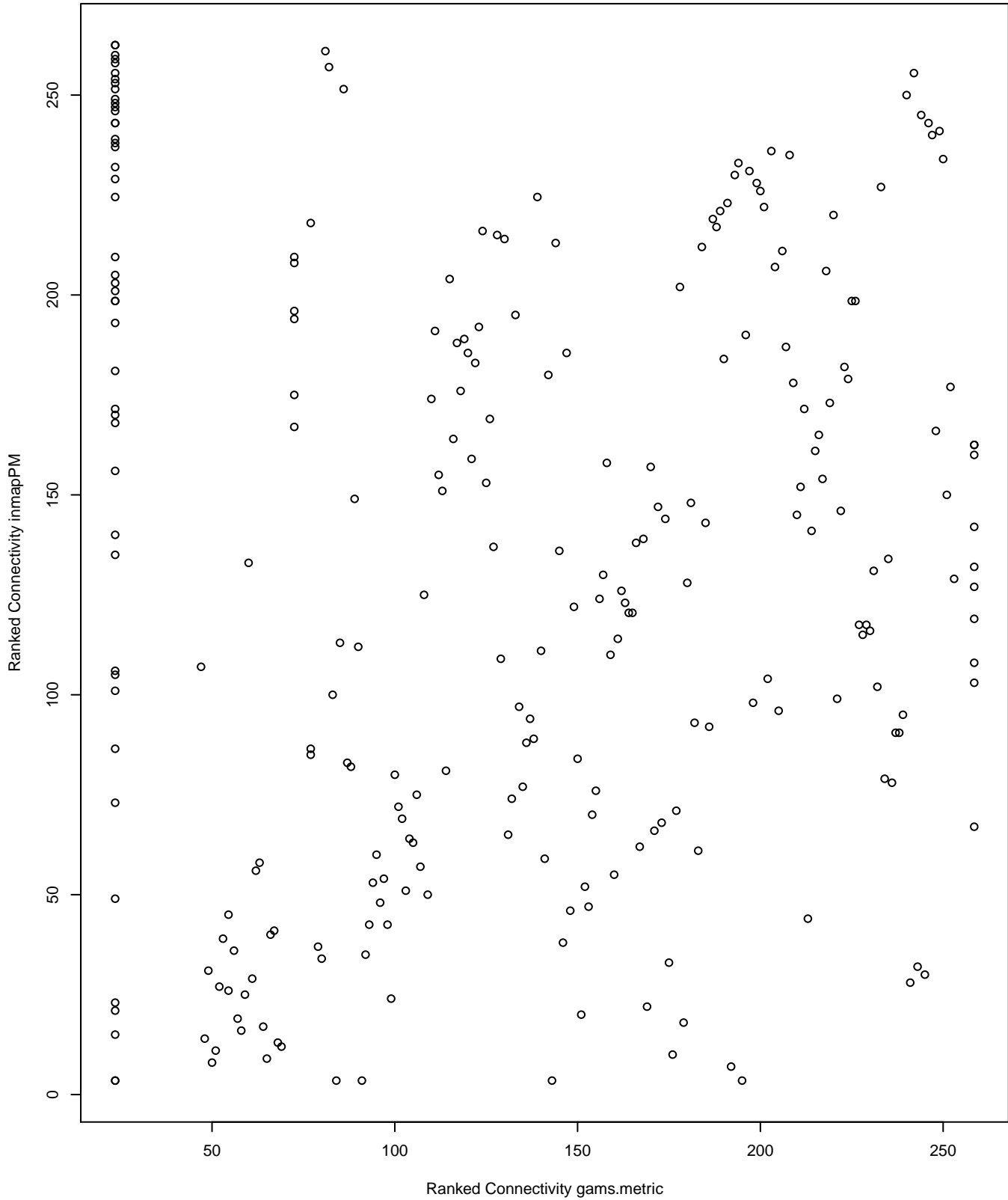
IndustrialMidwest correlation = 0.71



Northeast correlation = 0.18



Southeast correlation = 0.04



IndustrialMidwest correlation = 0.36

