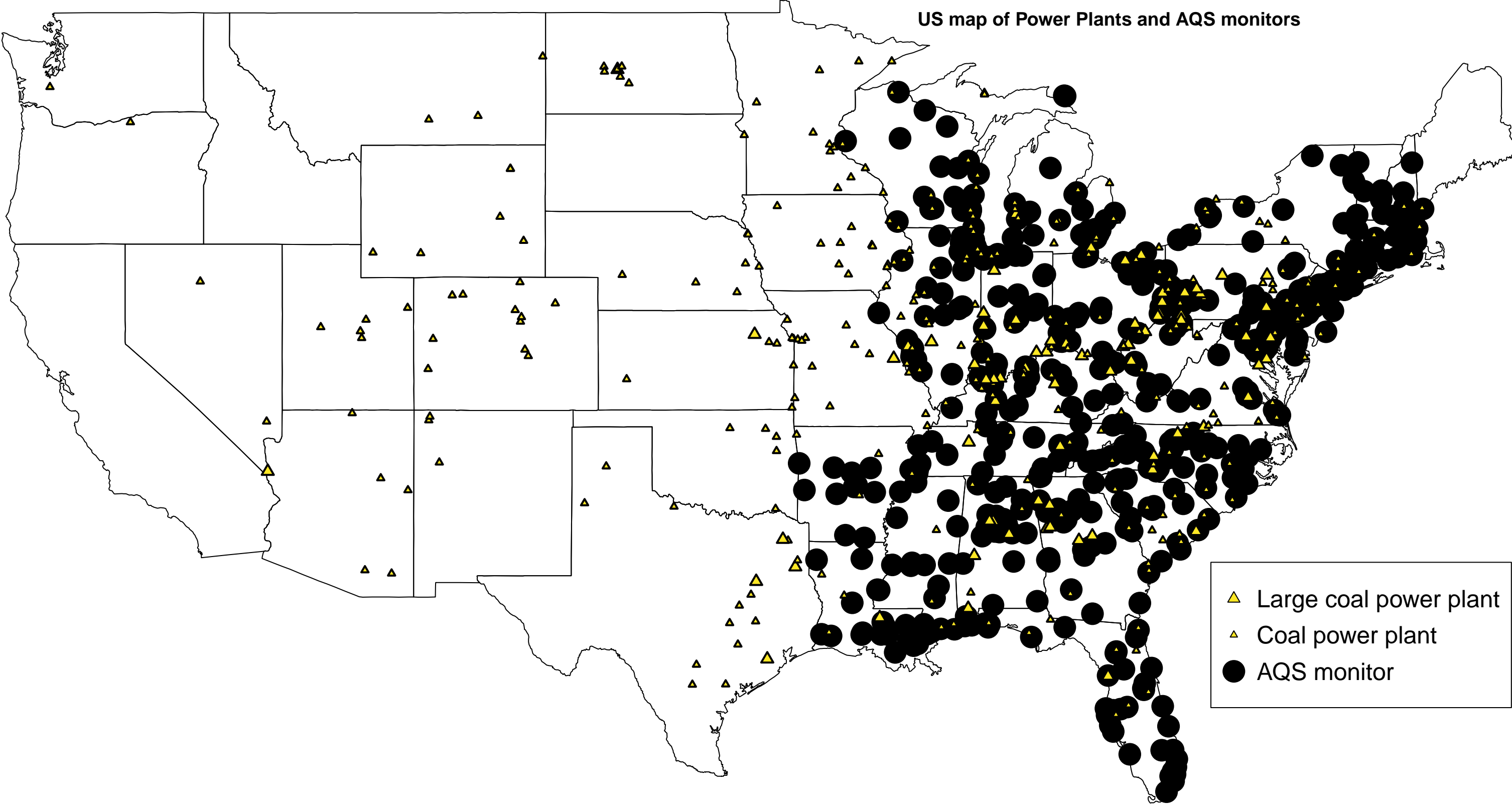
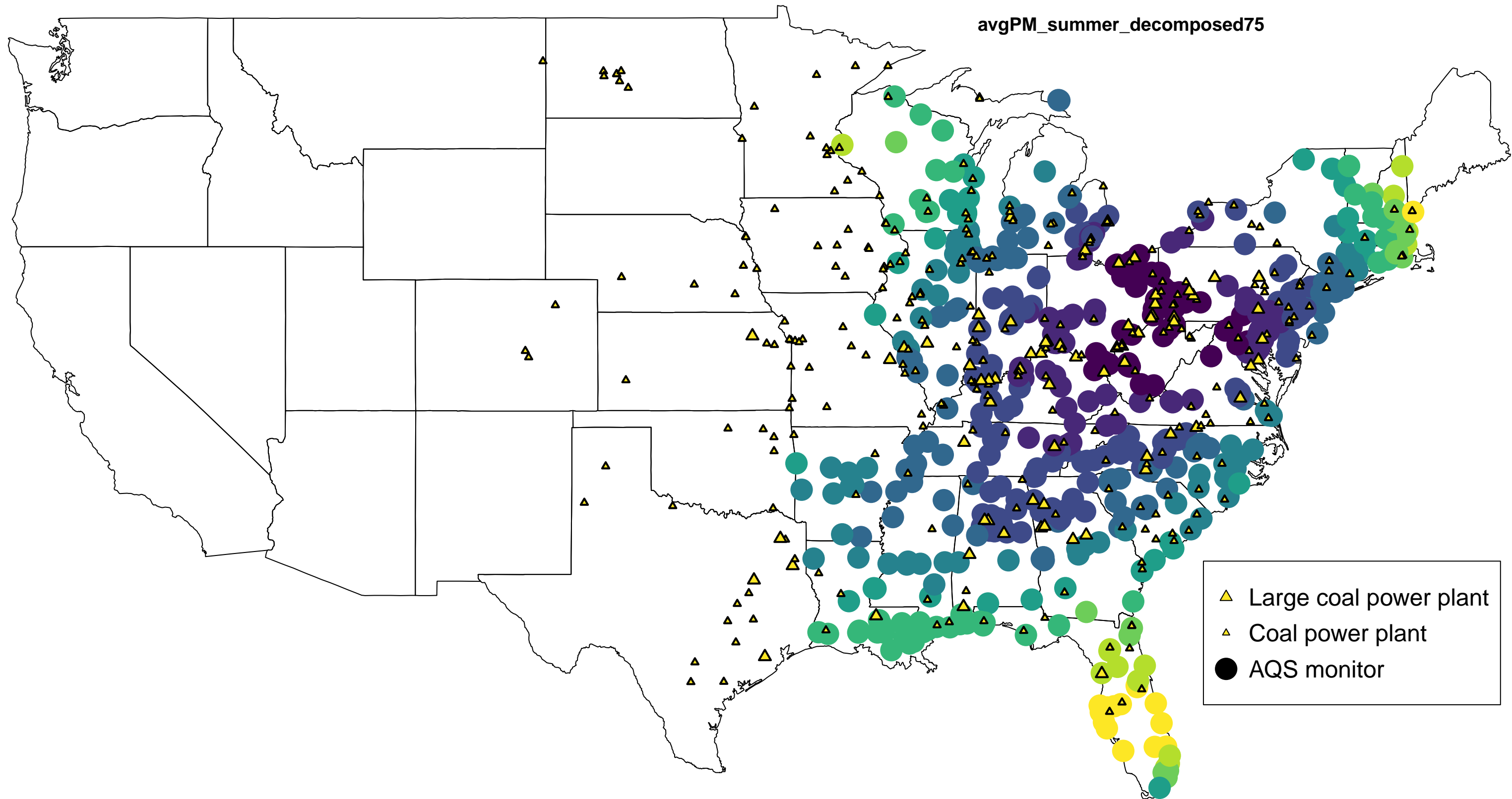
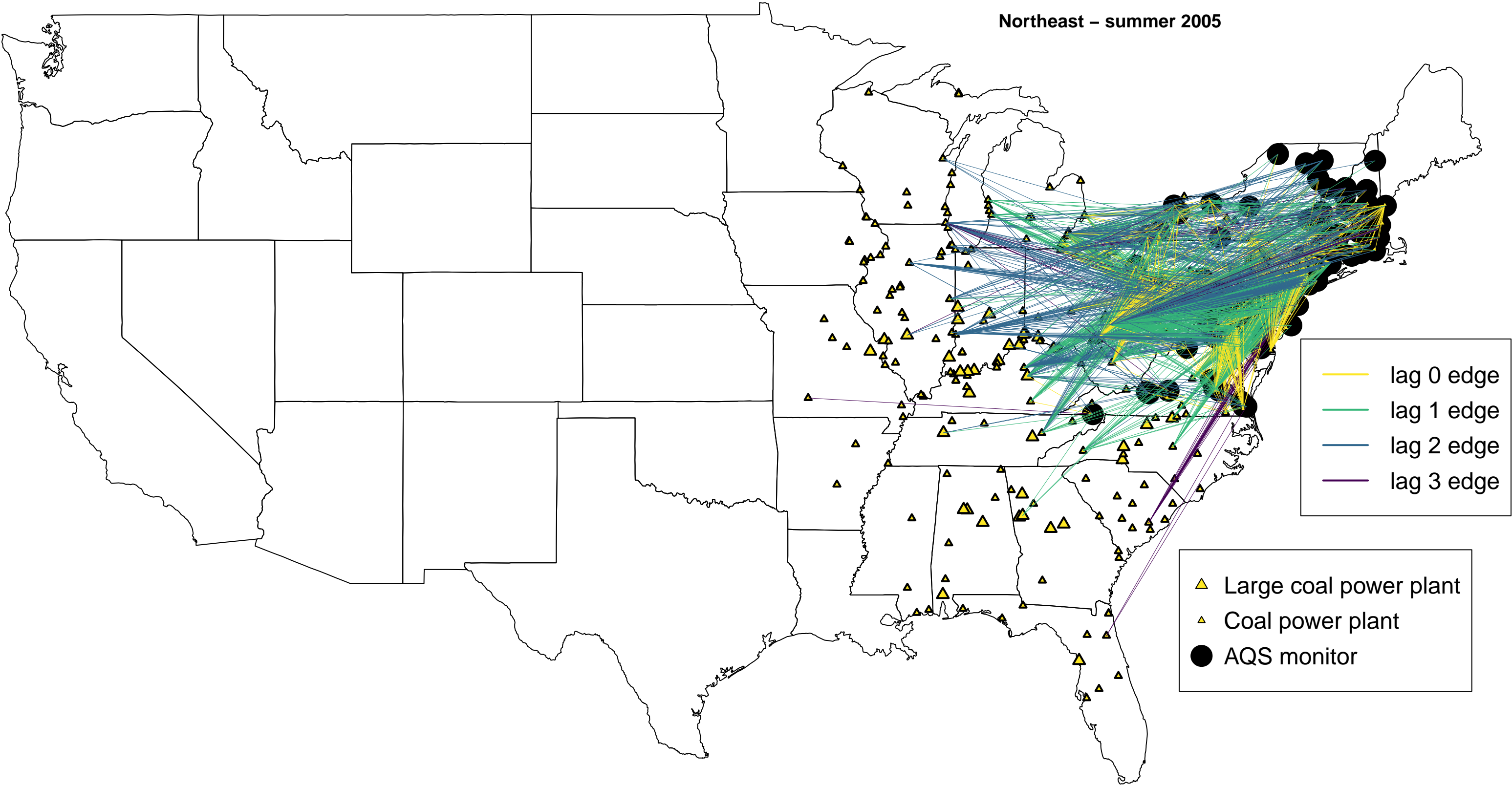


US map of Power Plants and AQS monitors

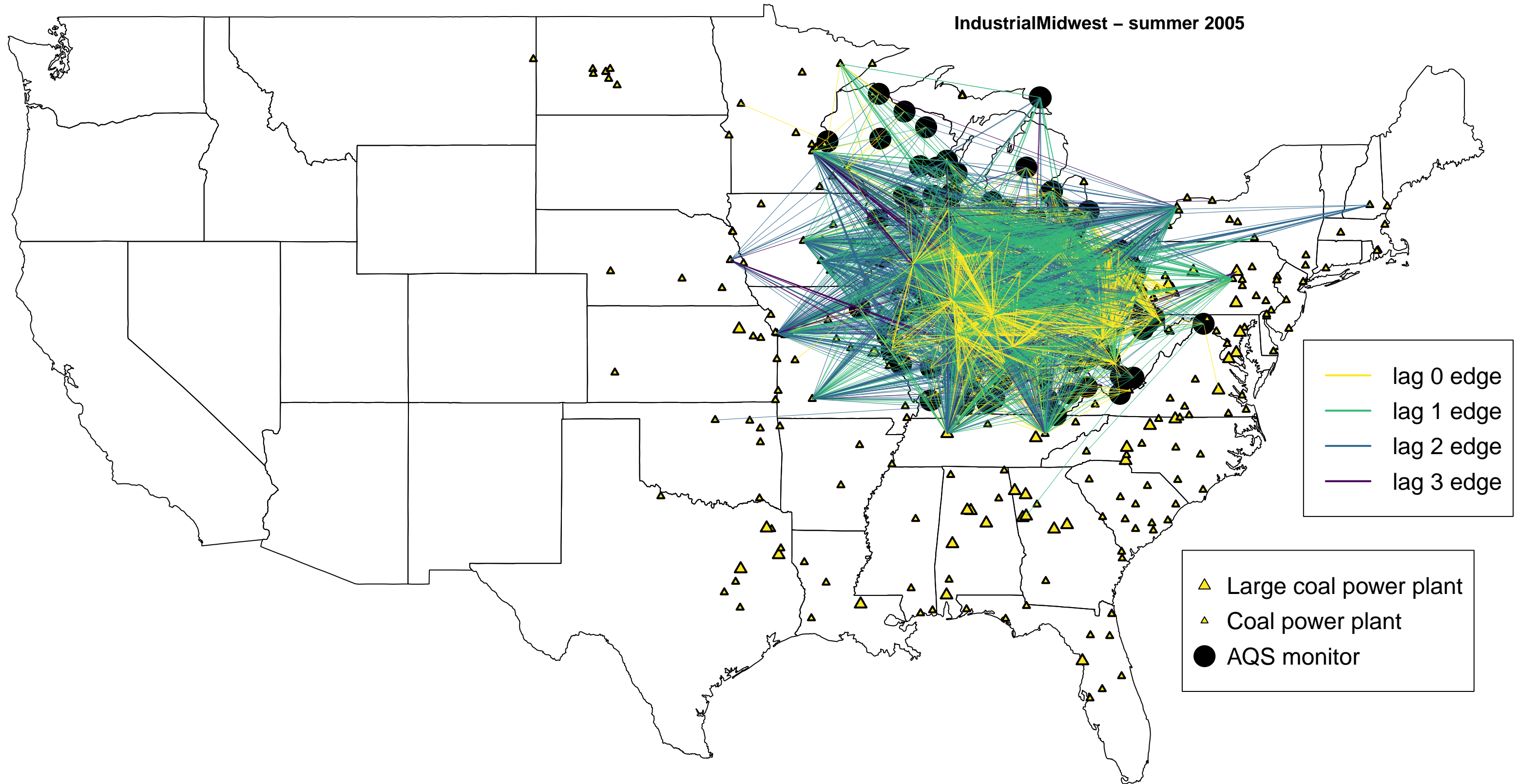


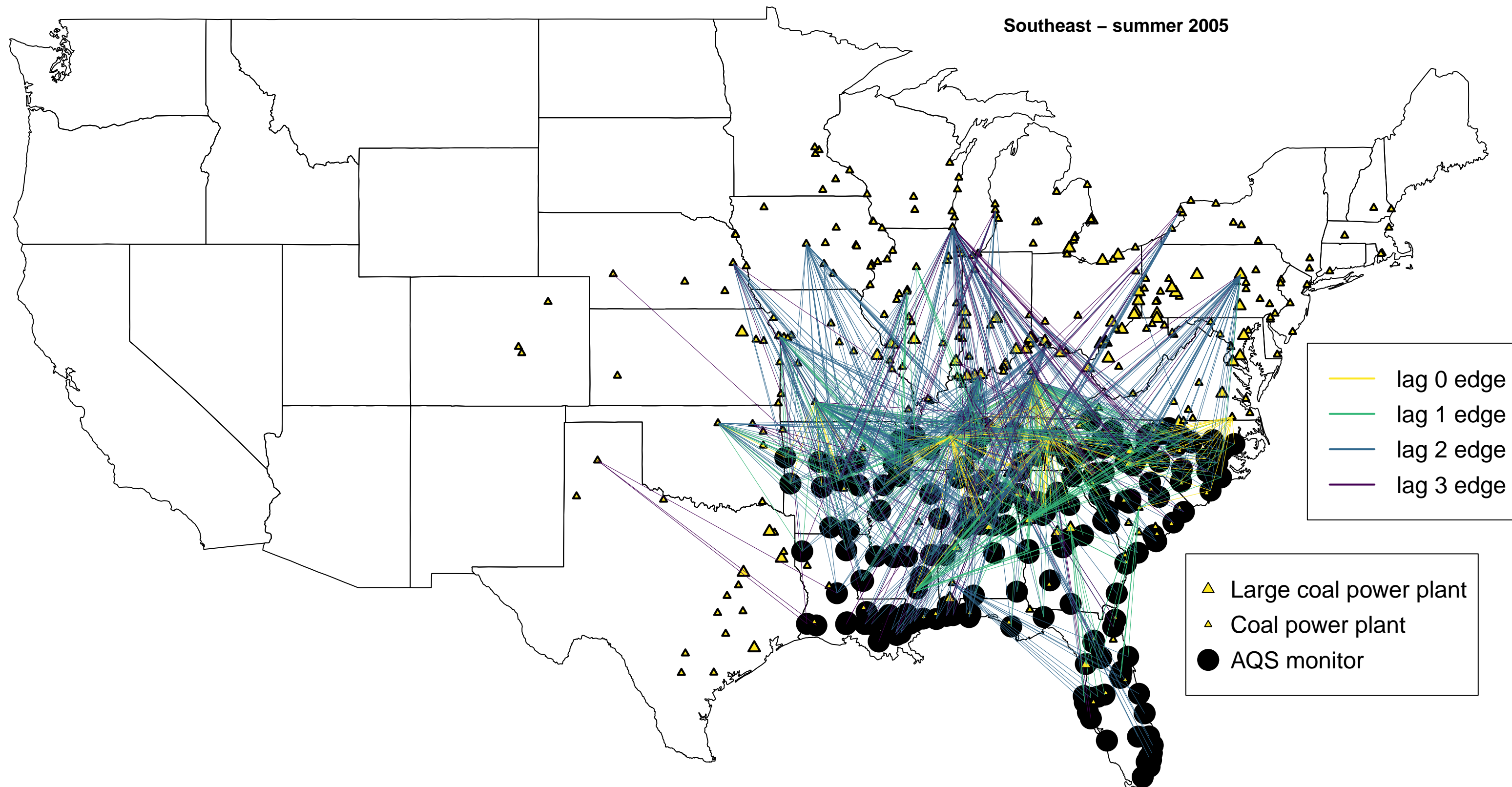


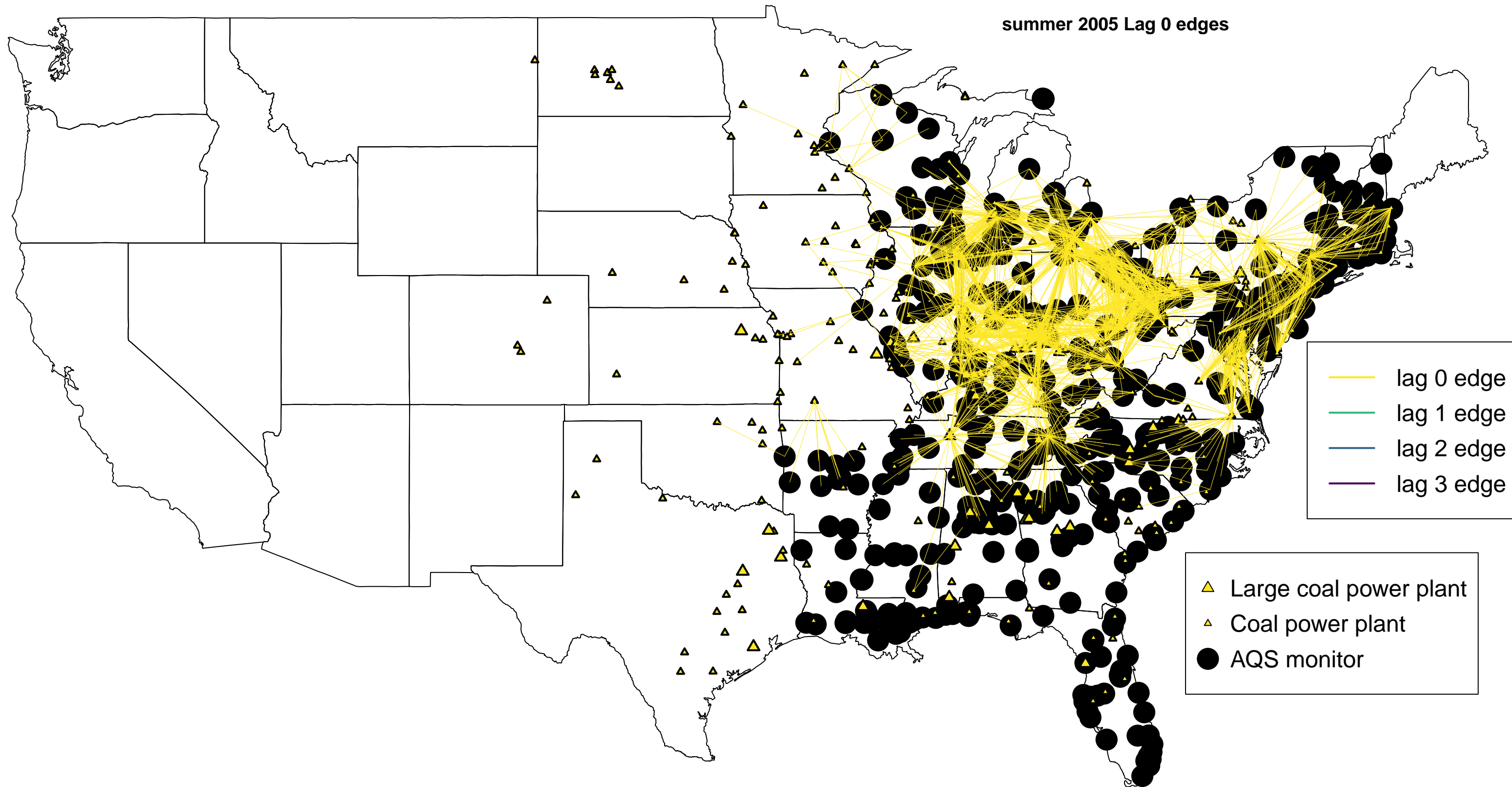
Northeast – summer 2005

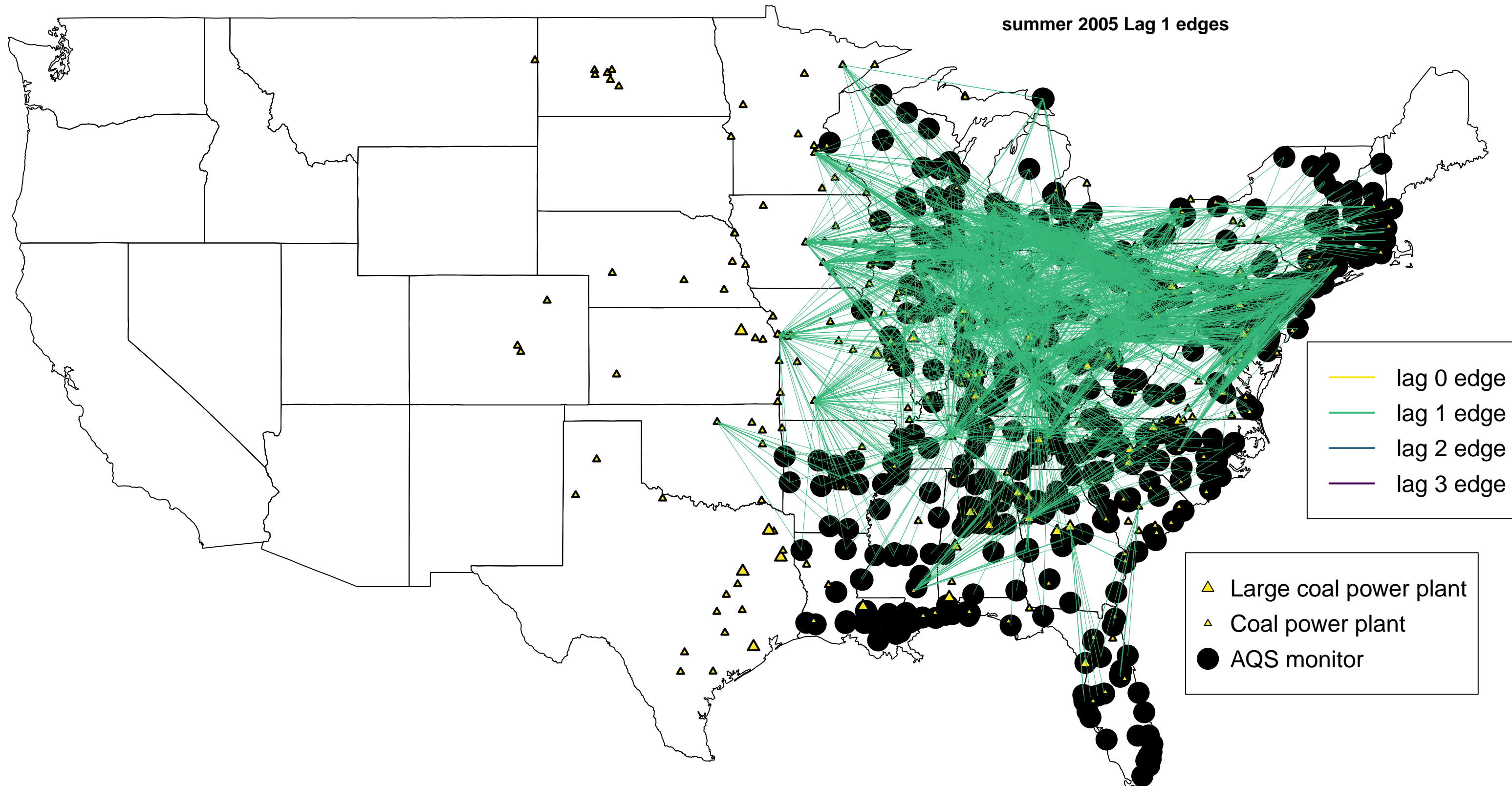


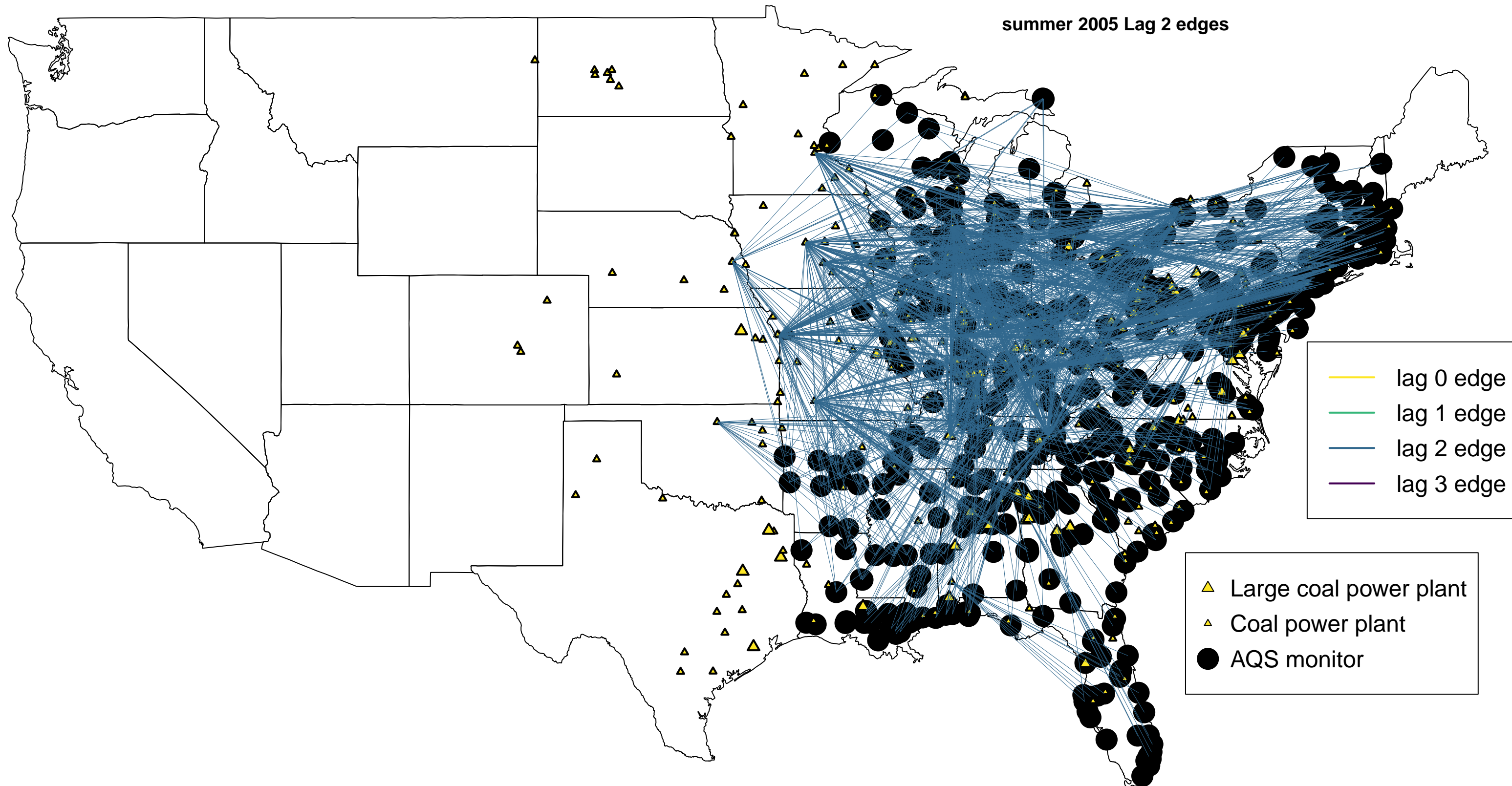
IndustrialMidwest – summer 2005

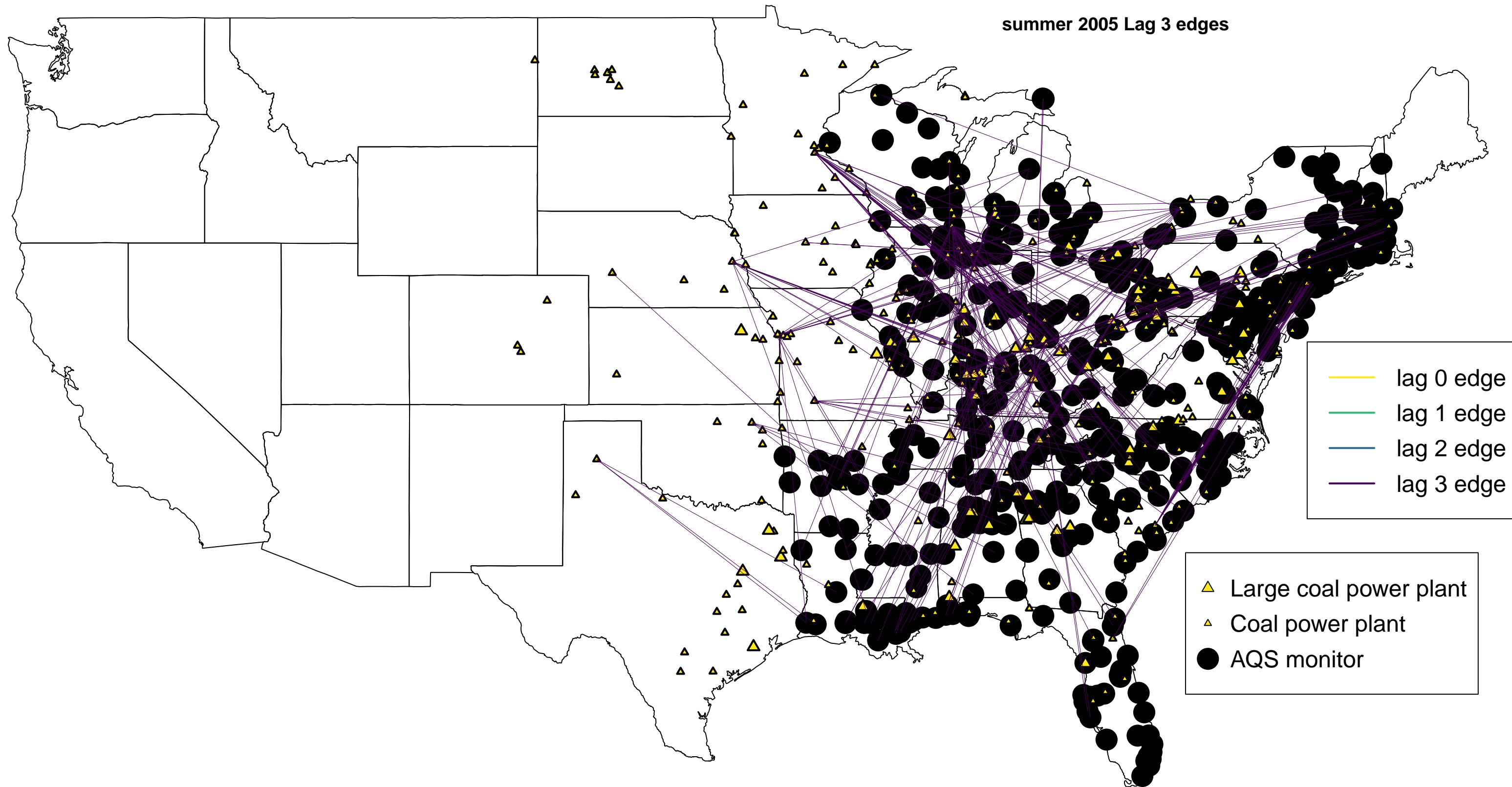




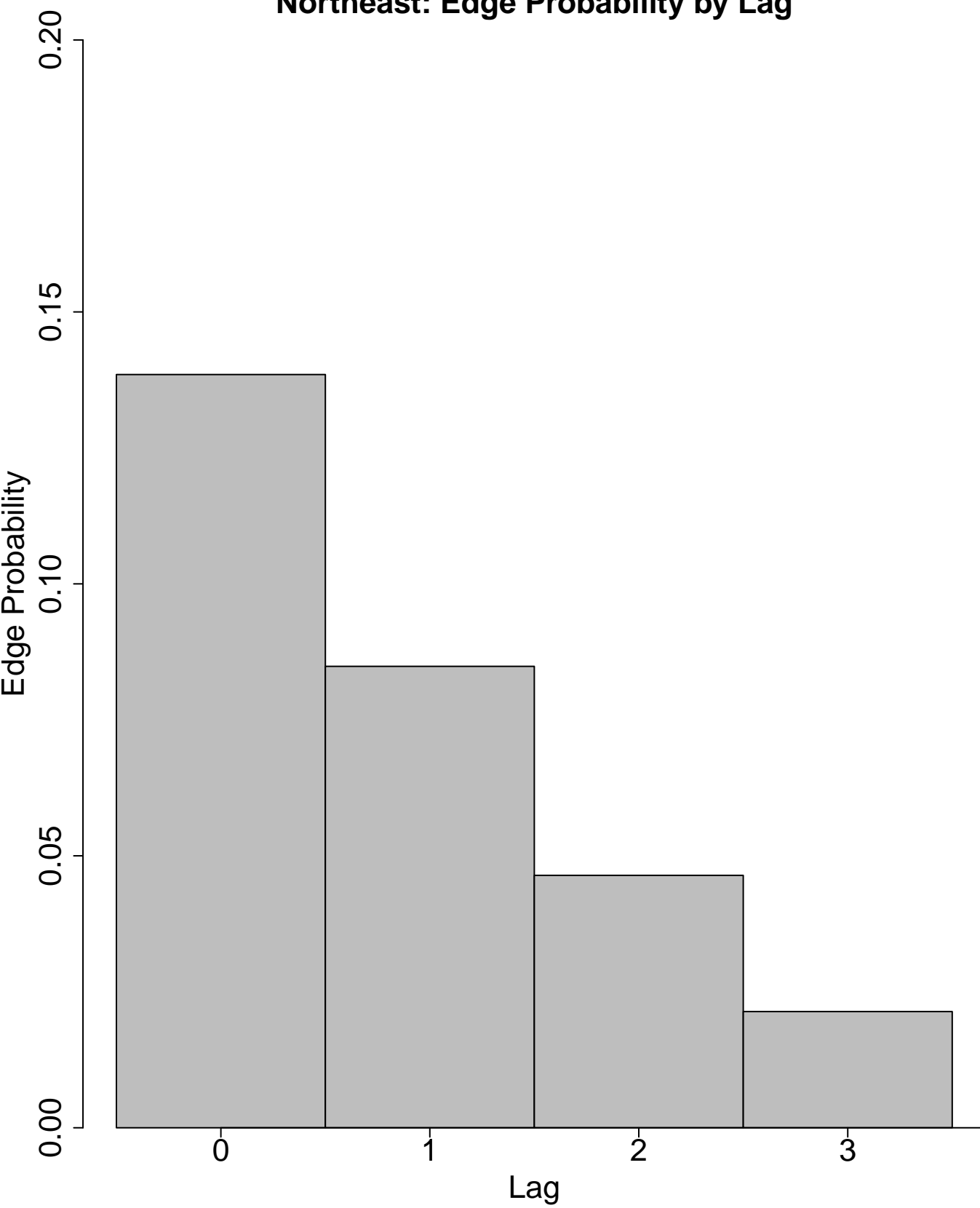




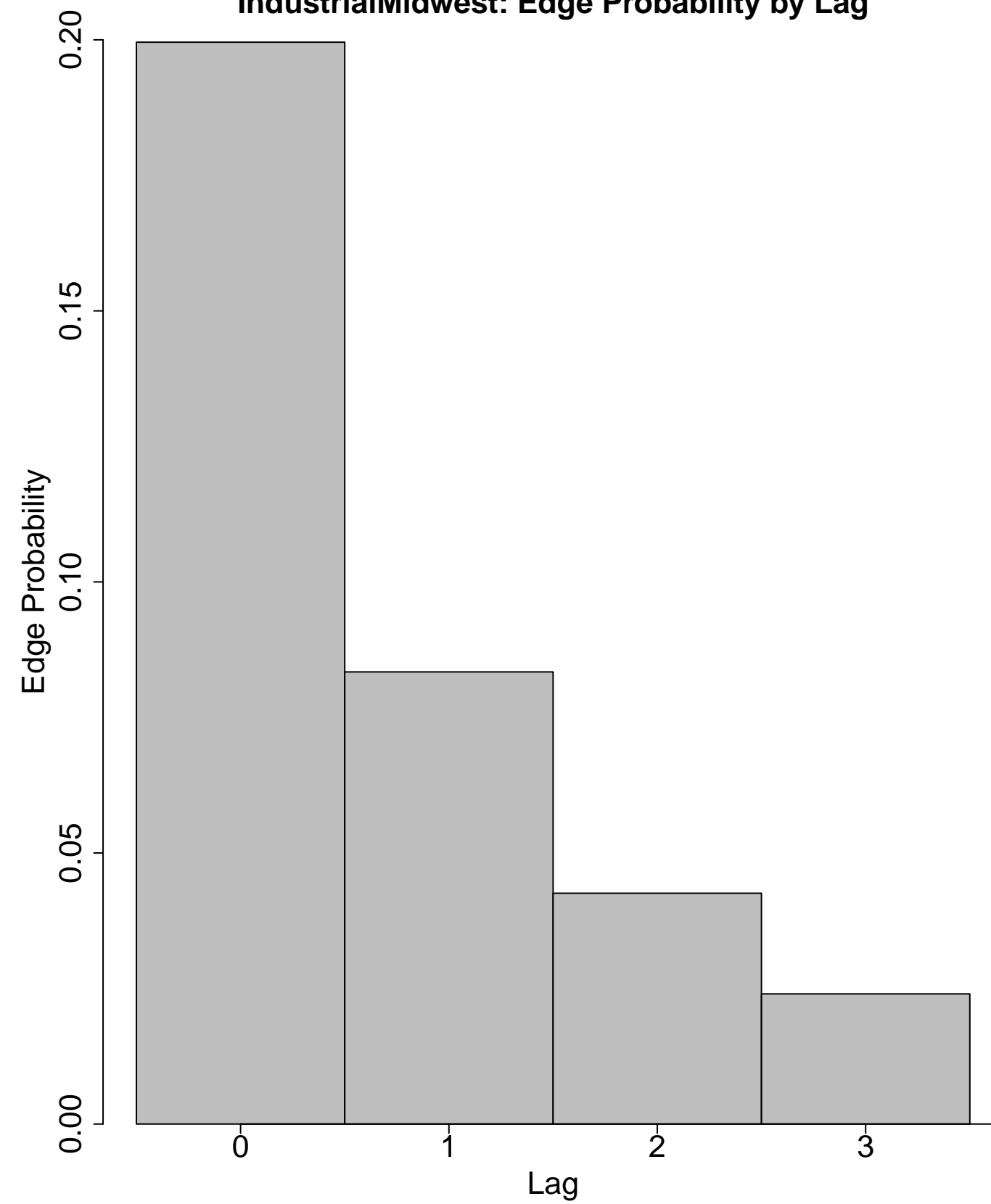




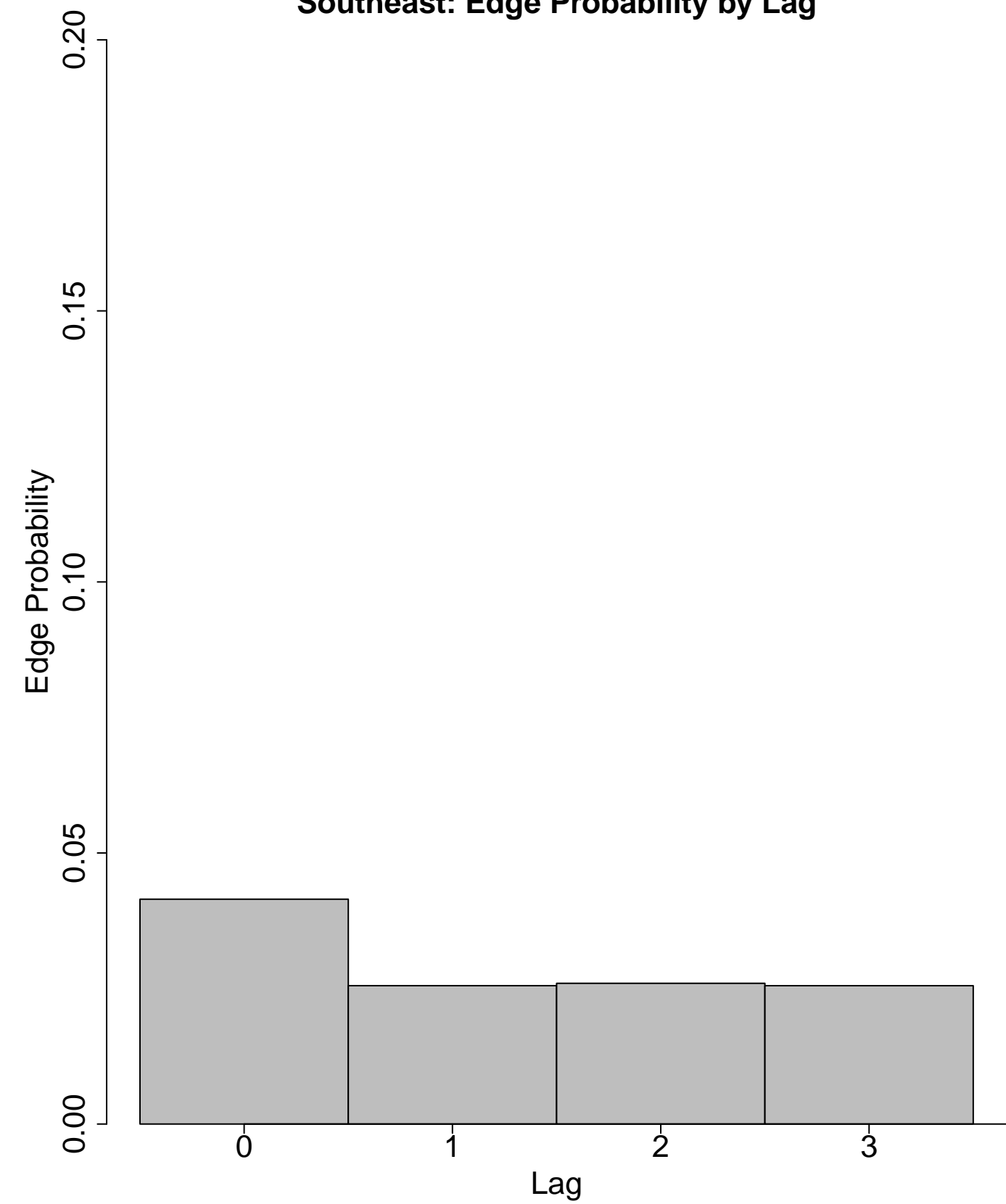
Northeast: Edge Probability by Lag



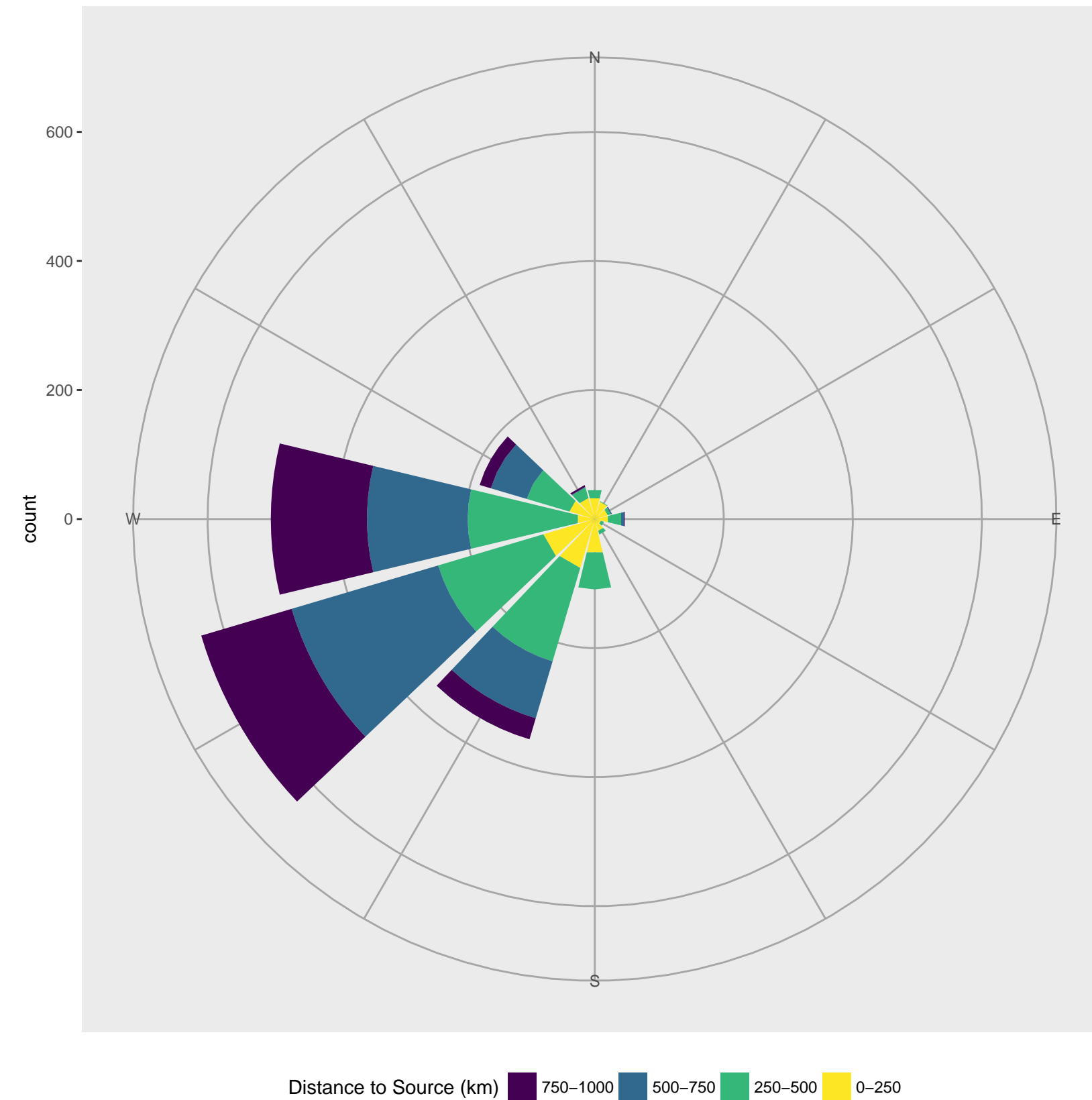
IndustrialMidwest: Edge Probability by Lag



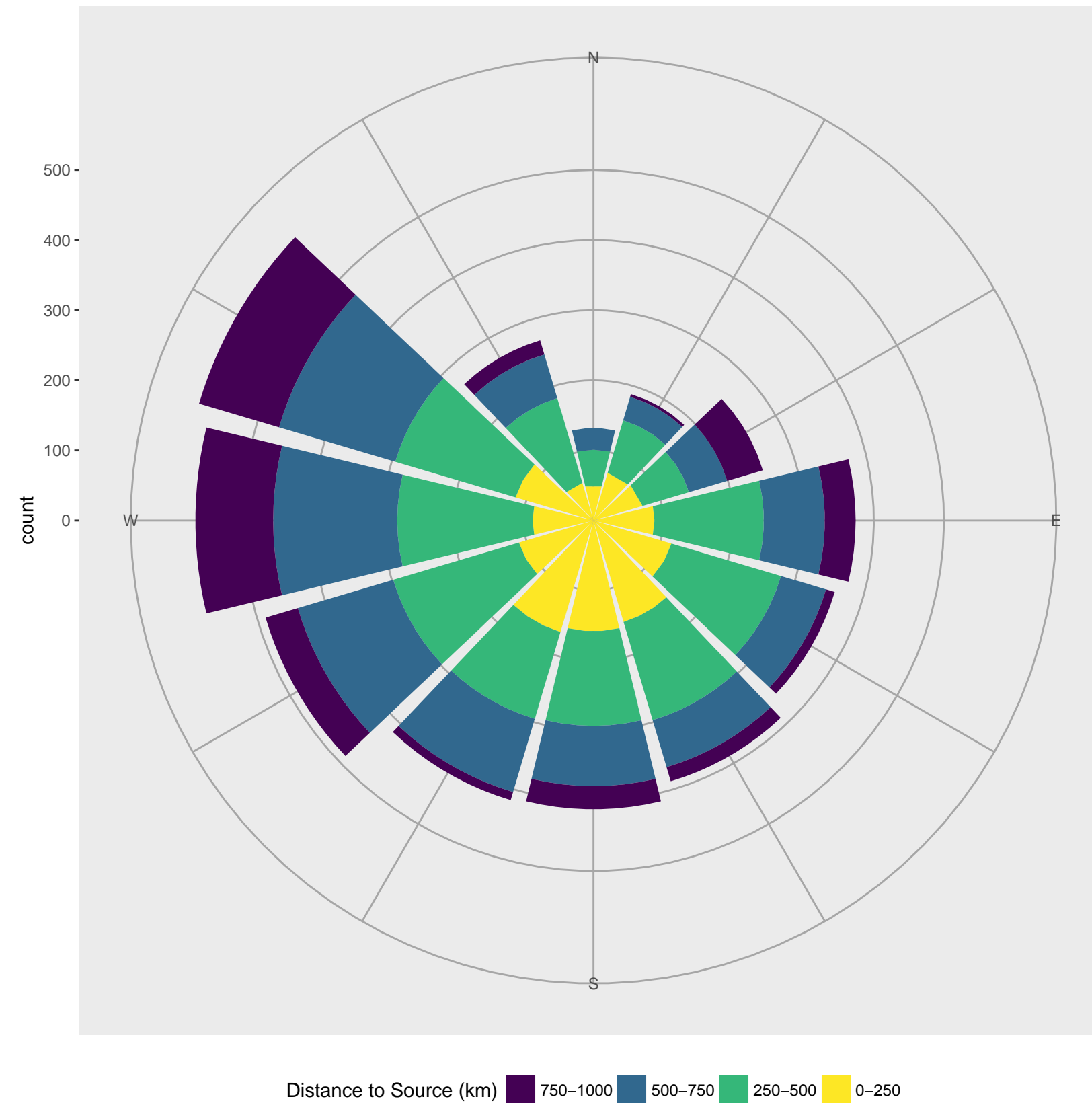
Southeast: Edge Probability by Lag



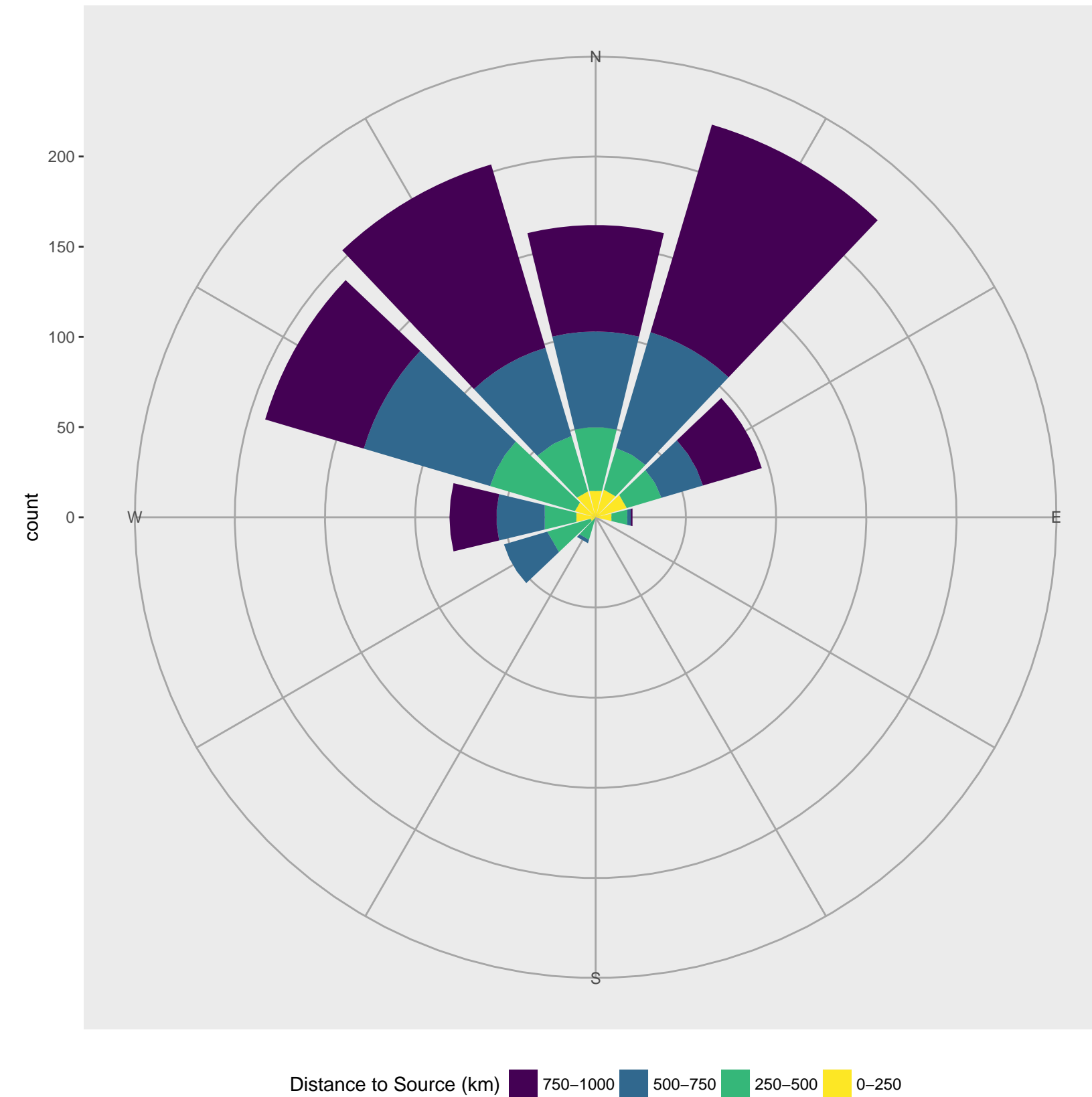
Northeast receptors: Edges by distance and direction to source



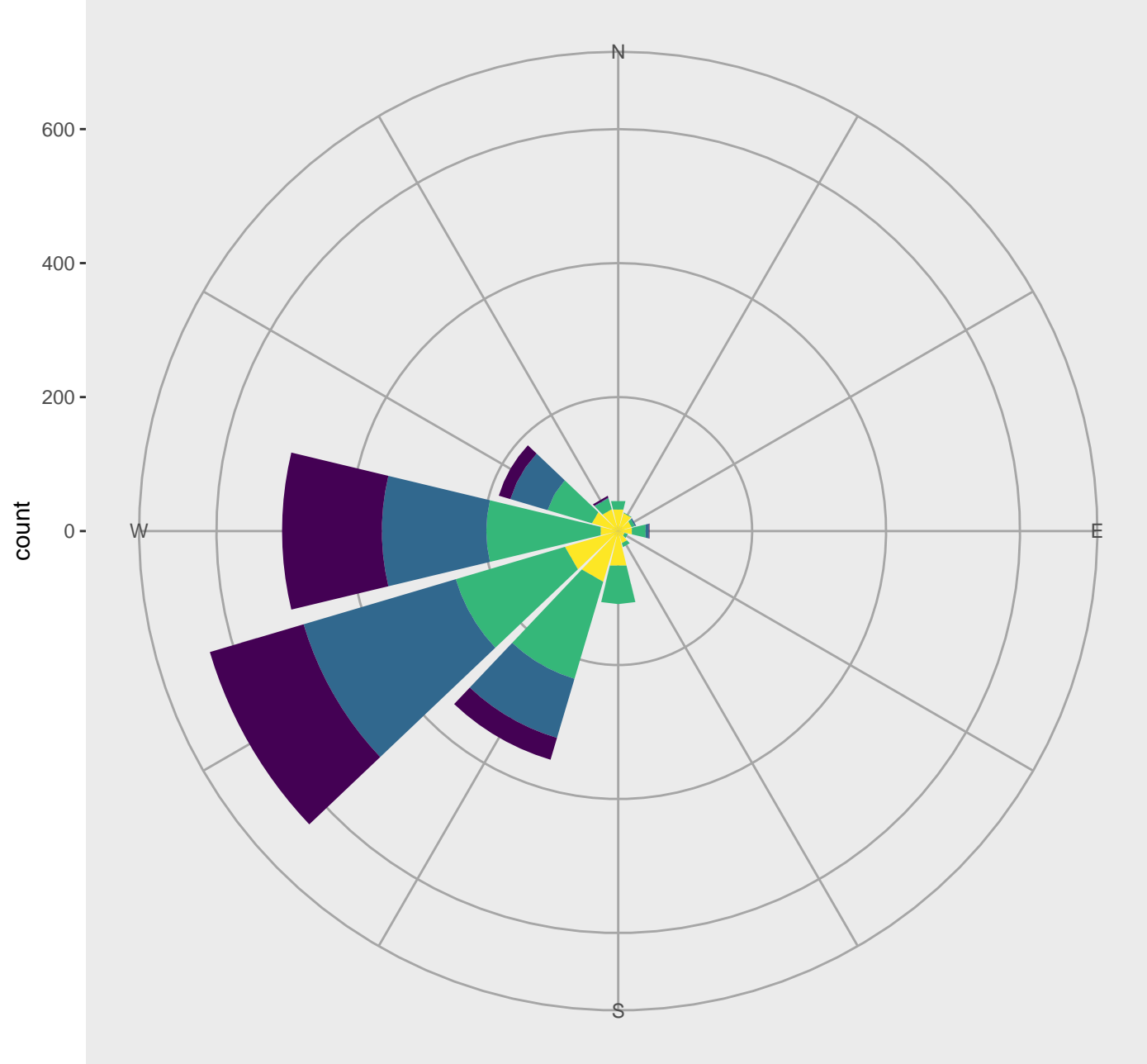
IndustrialMidwest receptors: Edges by distance and direction to source



Southeast receptors: Edges by distance and direction to source

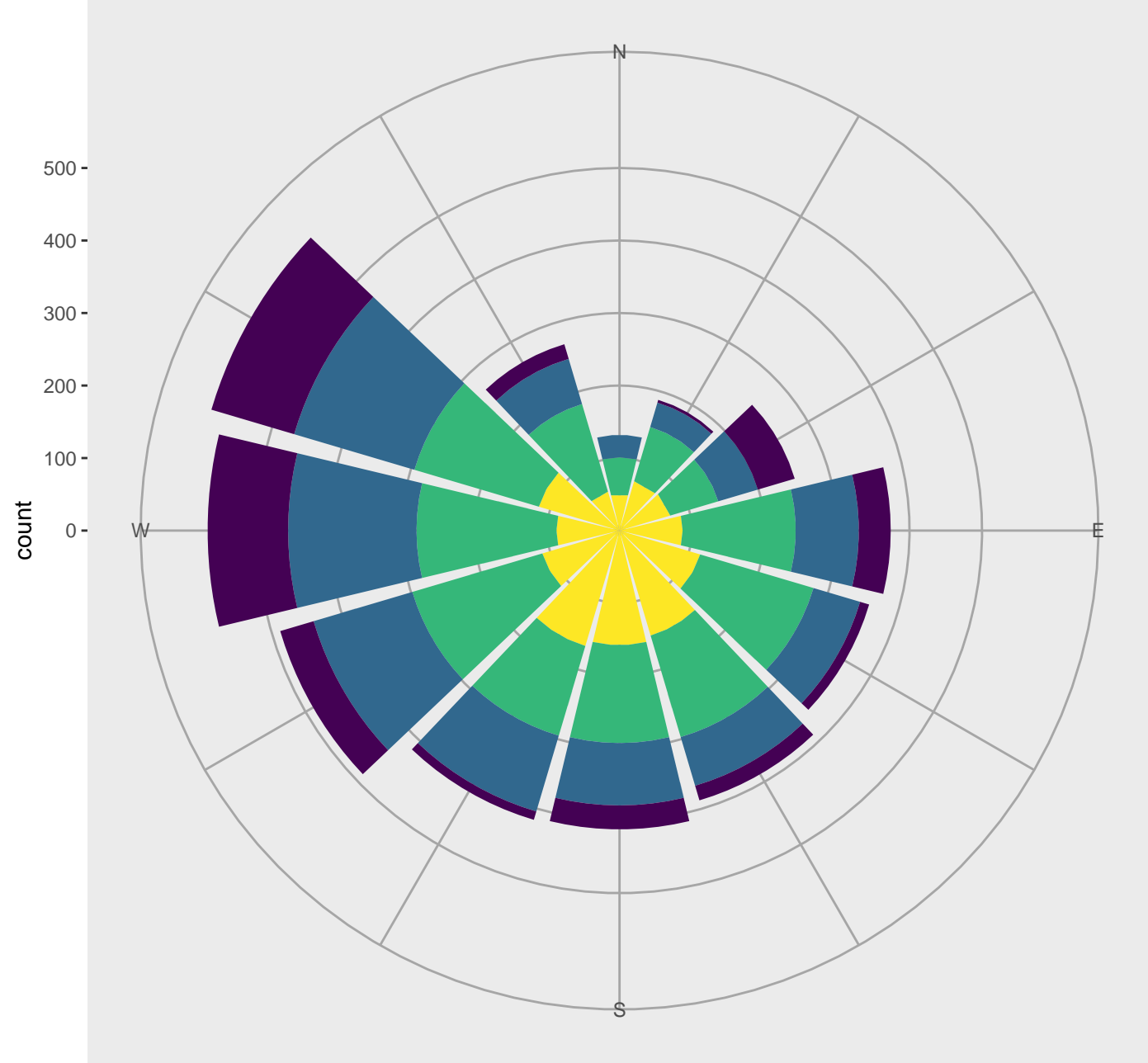


Northeast receptors: Edges by distance and direction to source



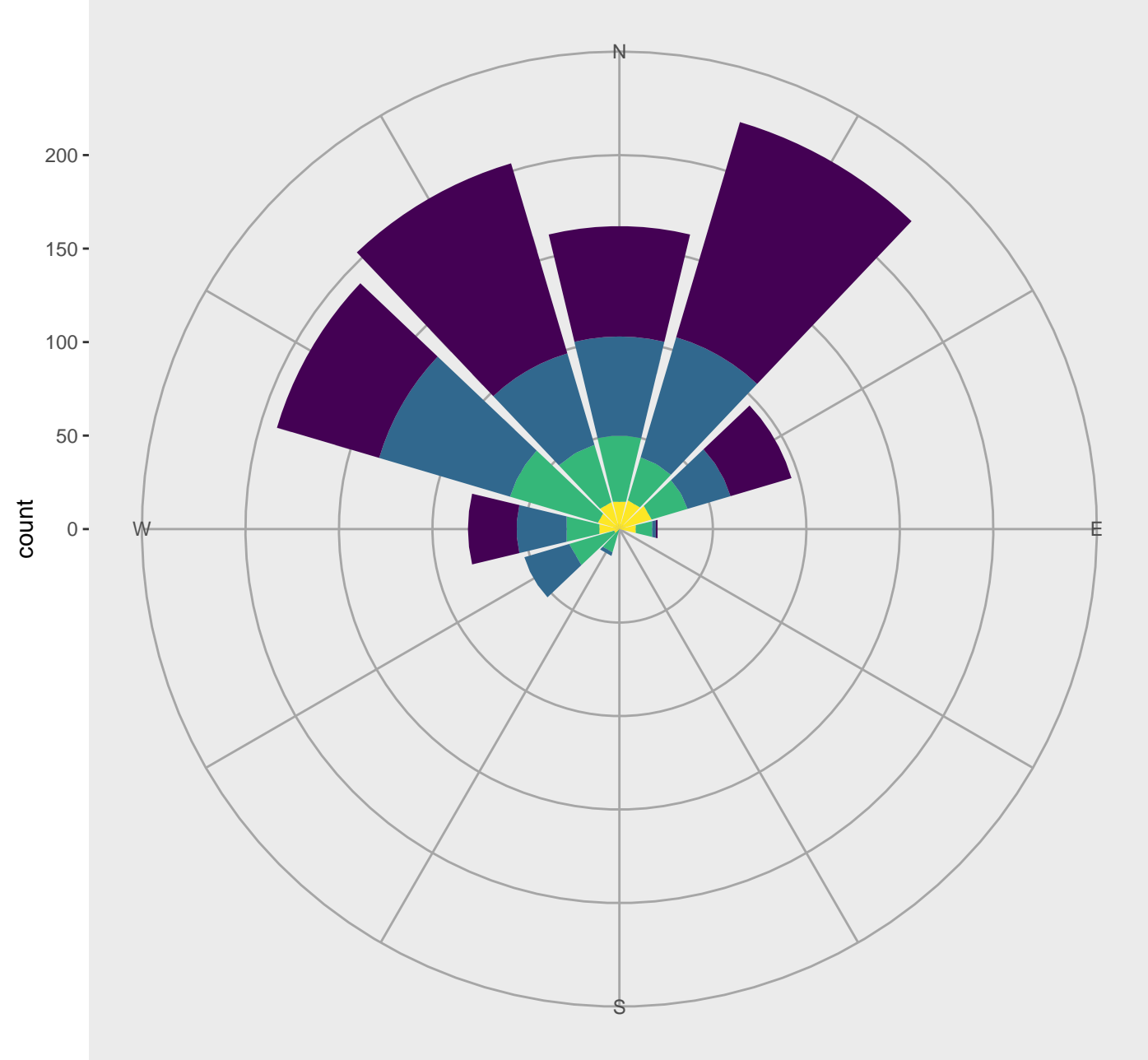
Distance to Source (km) 750-1000 500-750 250-500 0-250

IndustrialMidwest receptors: Edges by distance and direction to source

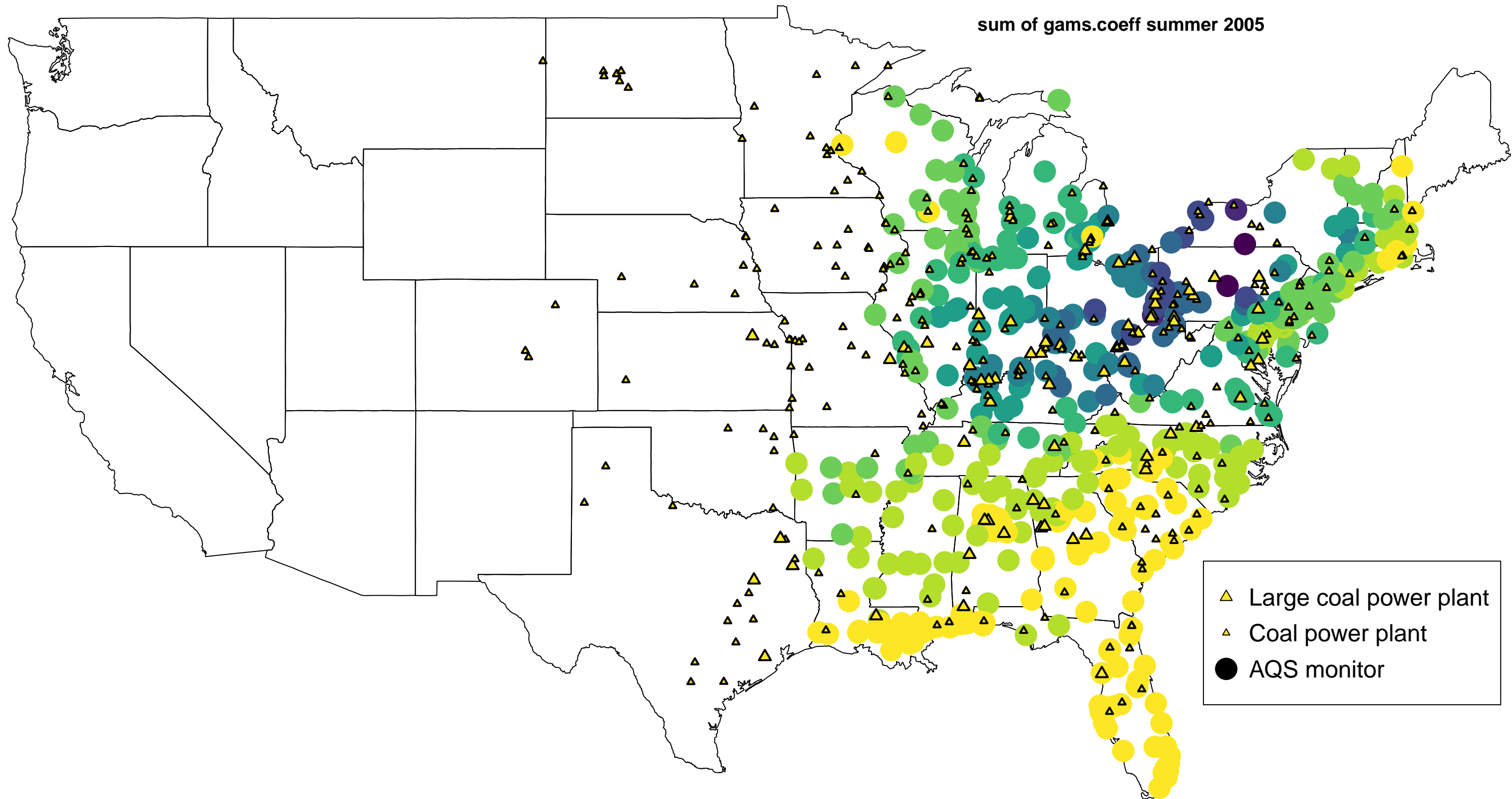


Distance to Source (km) 750-1000 500-750 250-500 0-250

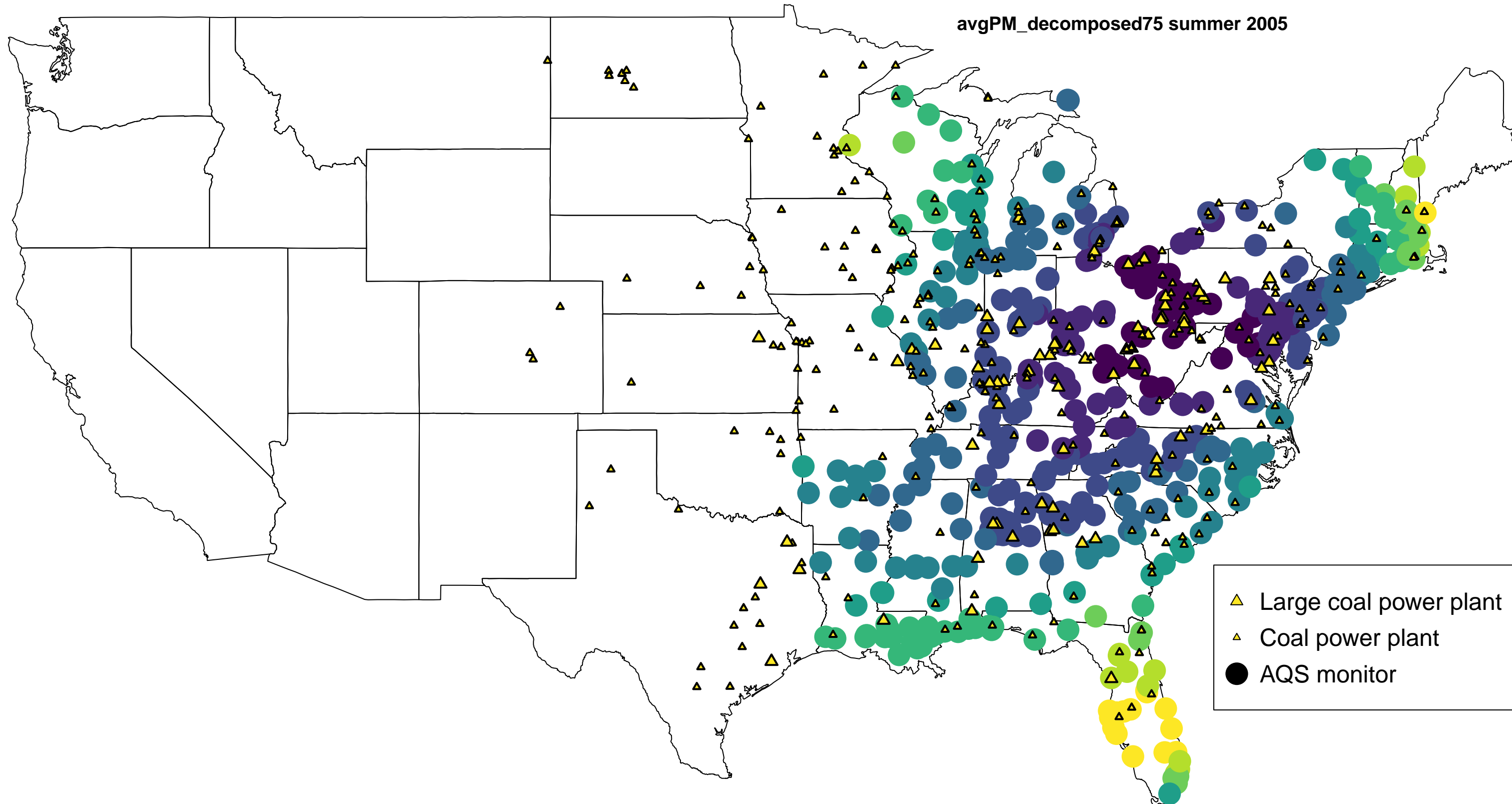
Southeast receptors: Edges by distance and direction to source

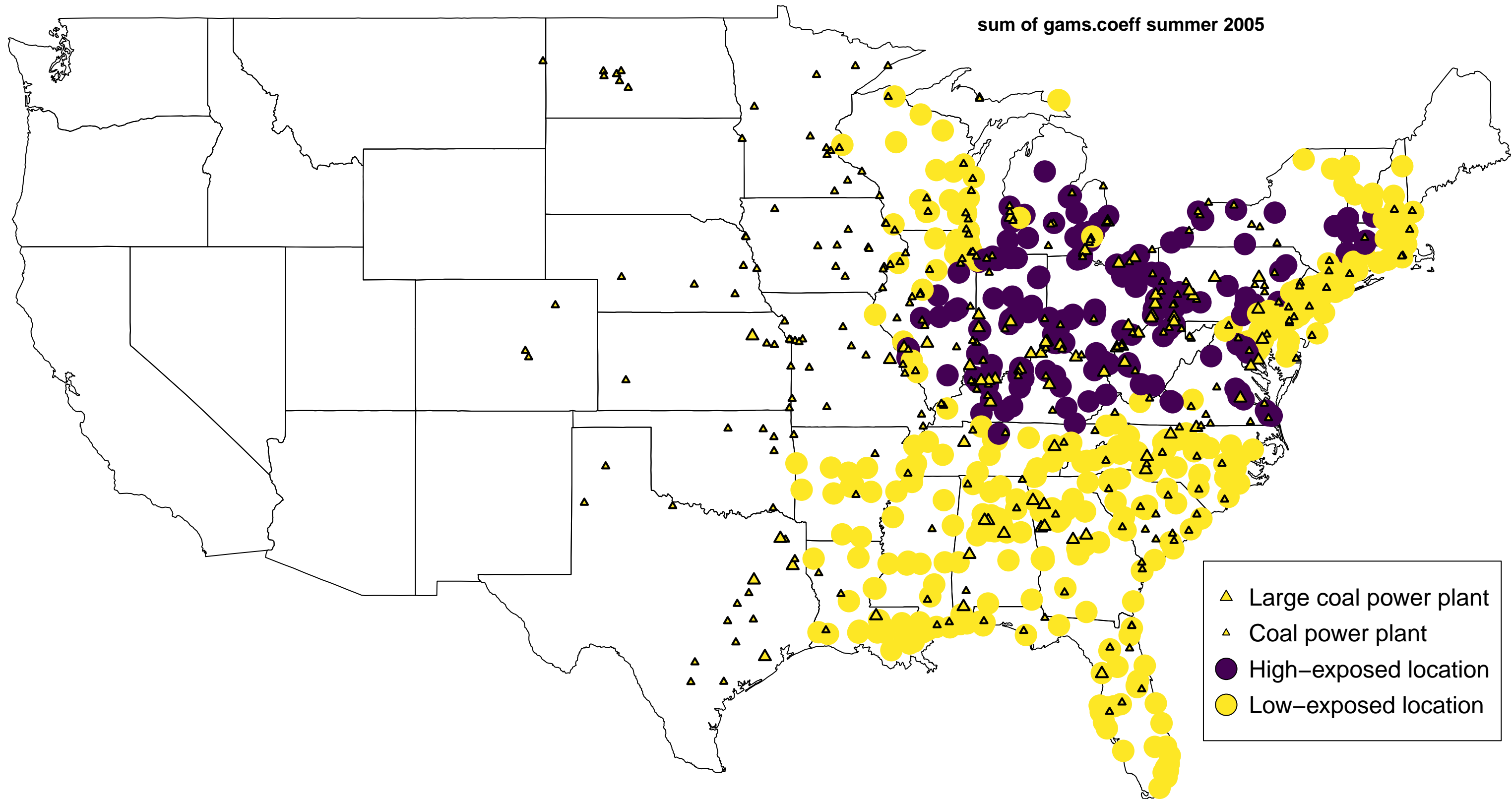


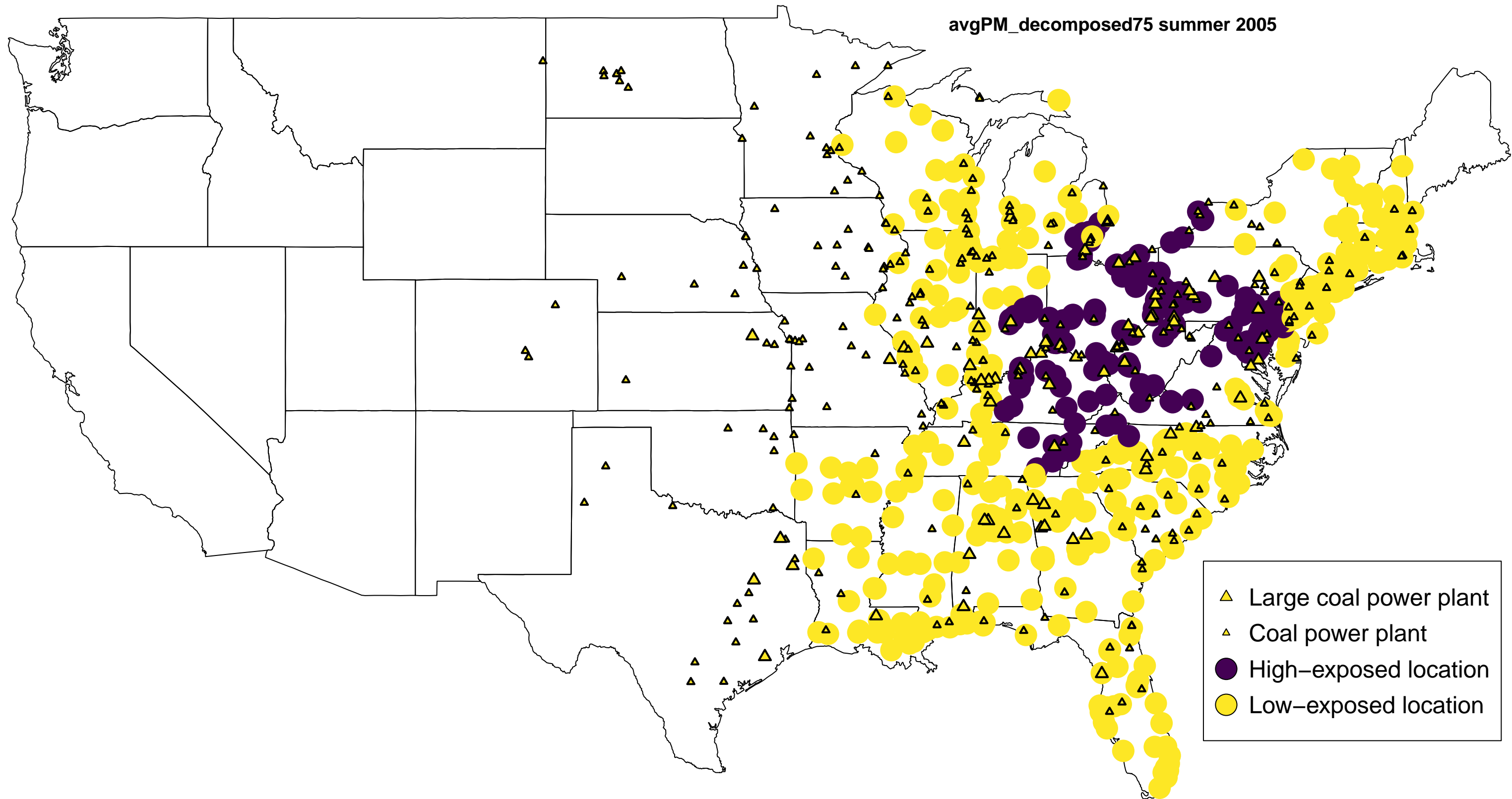
Distance to Source (km) 750-1000 500-750 250-500 0-250



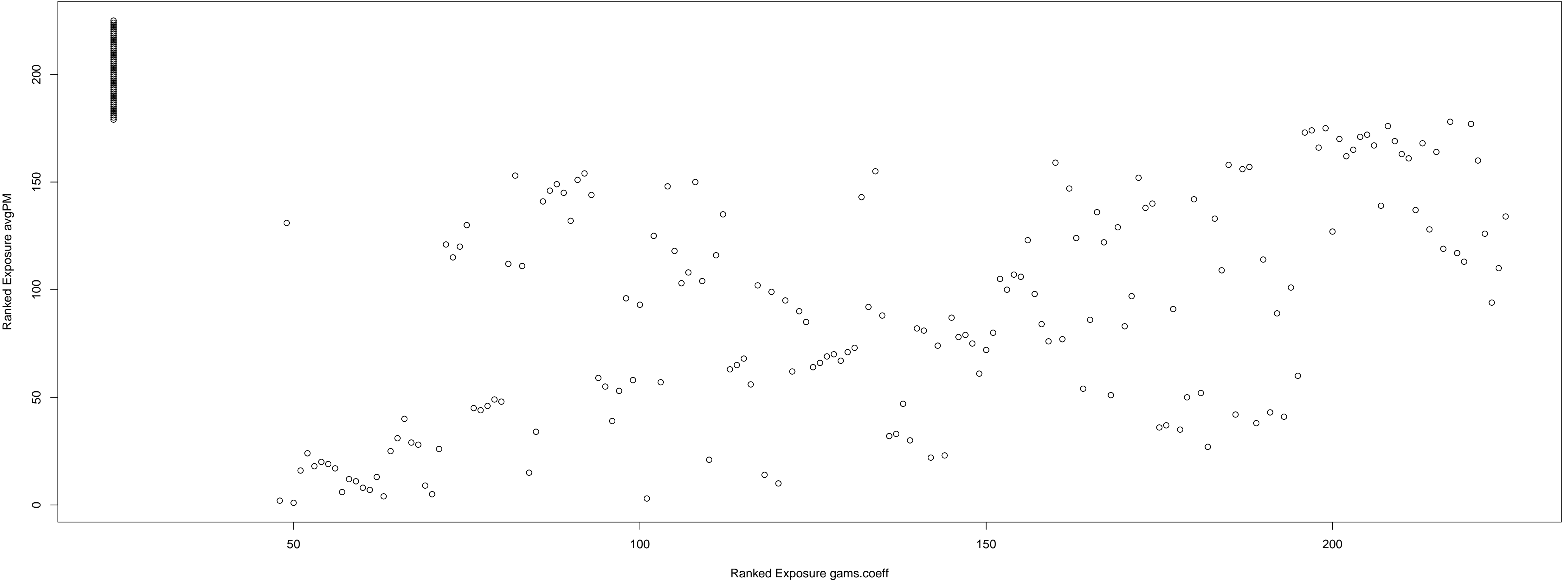
avgPM_decomposed75 summer 2005



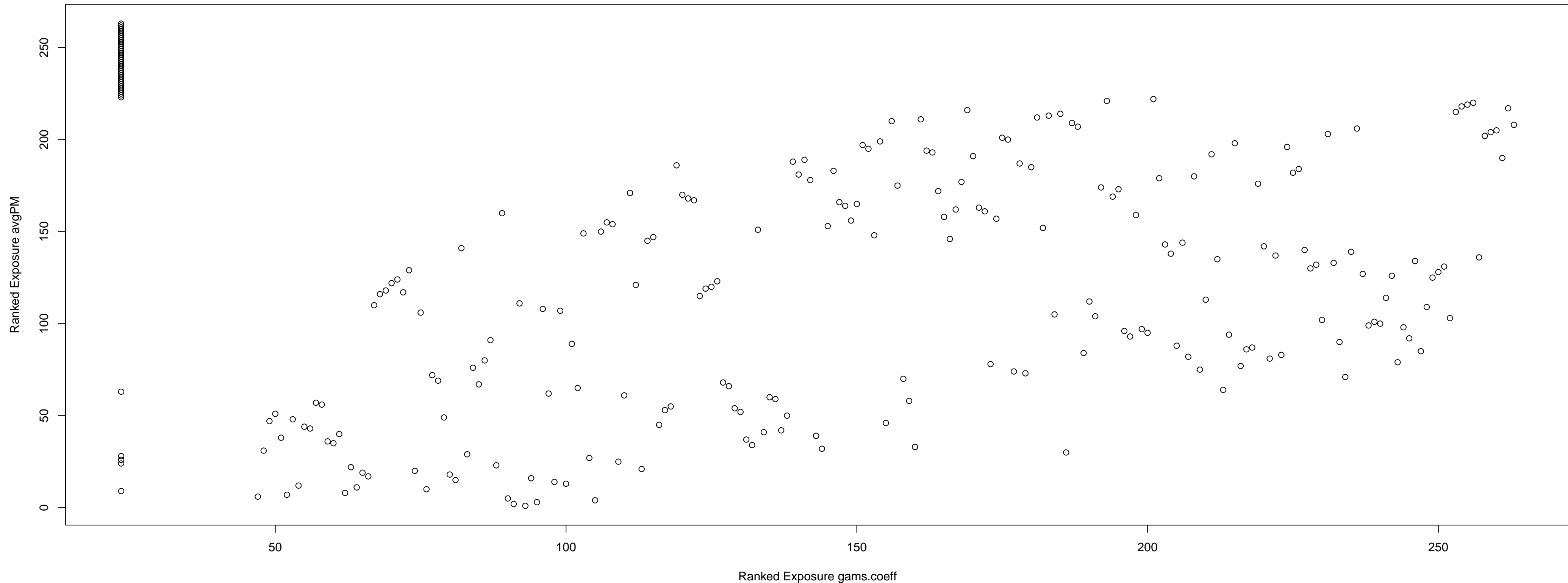




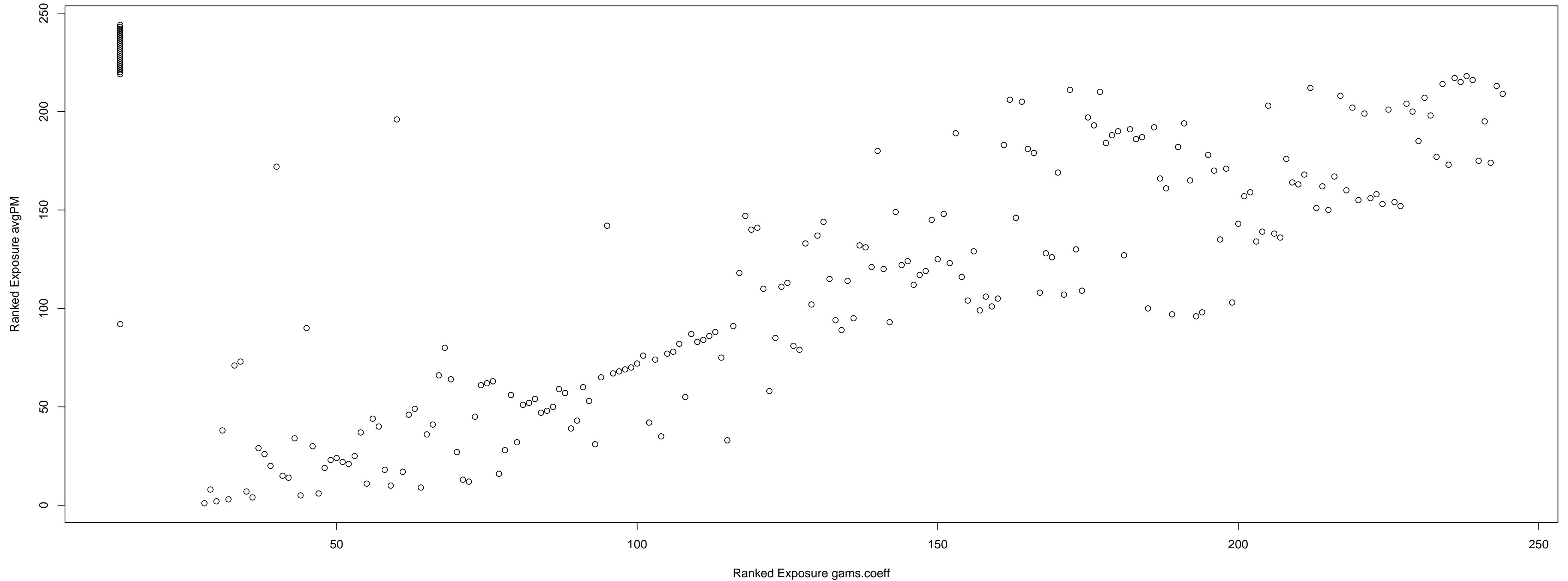
Northeast correlation = 0.55



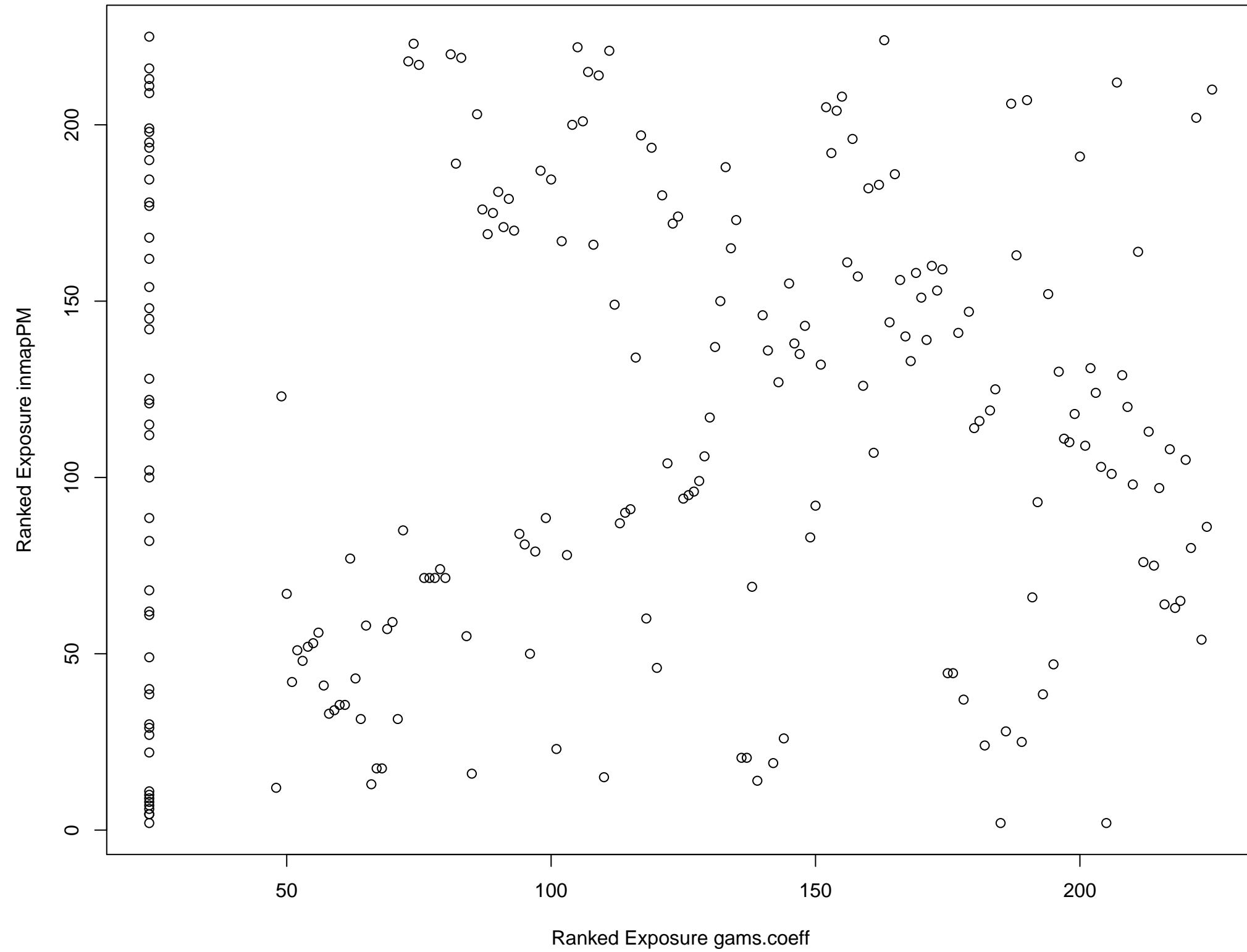
Southeast correlation = 0.53



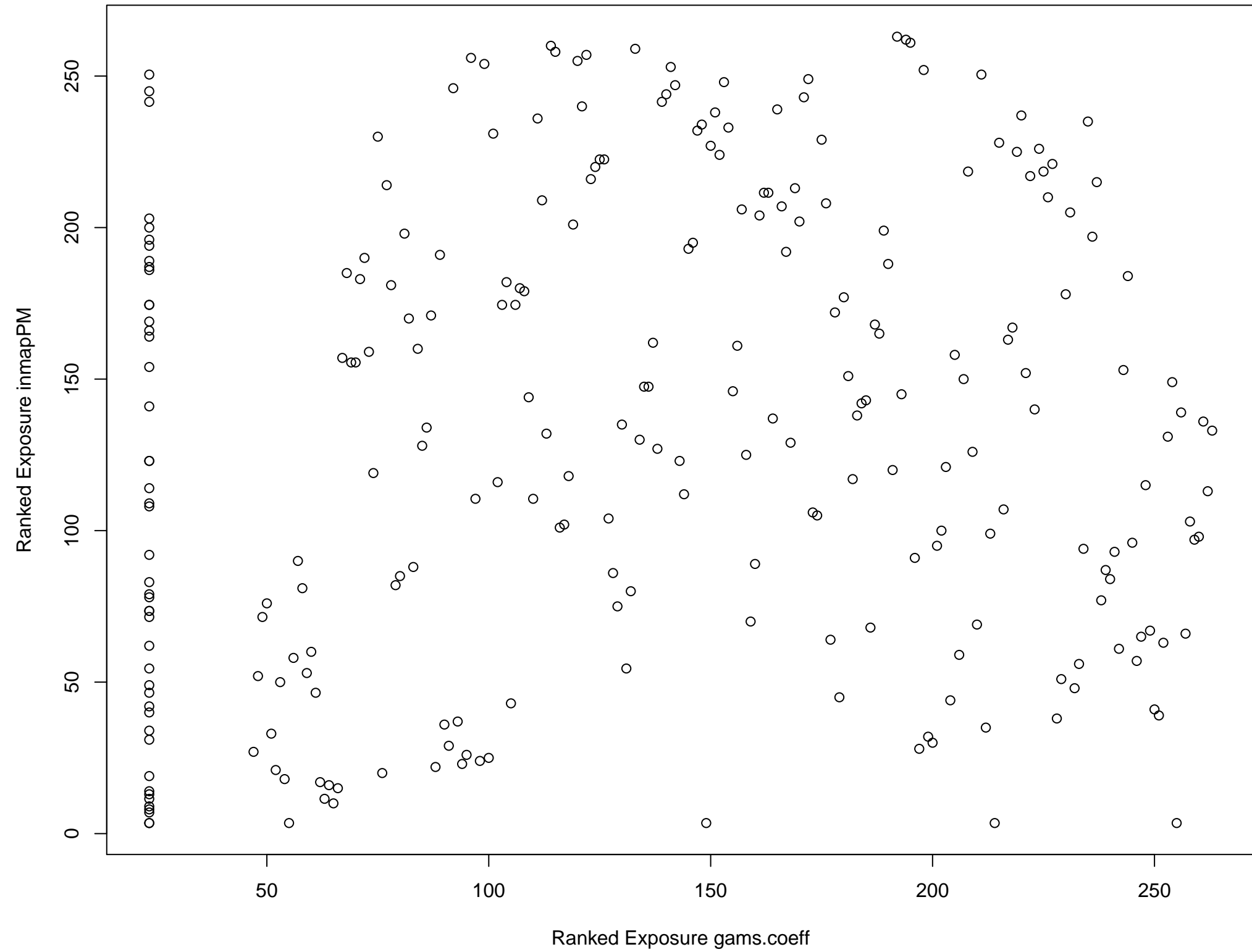
IndustrialMidwest correlation = 0.87



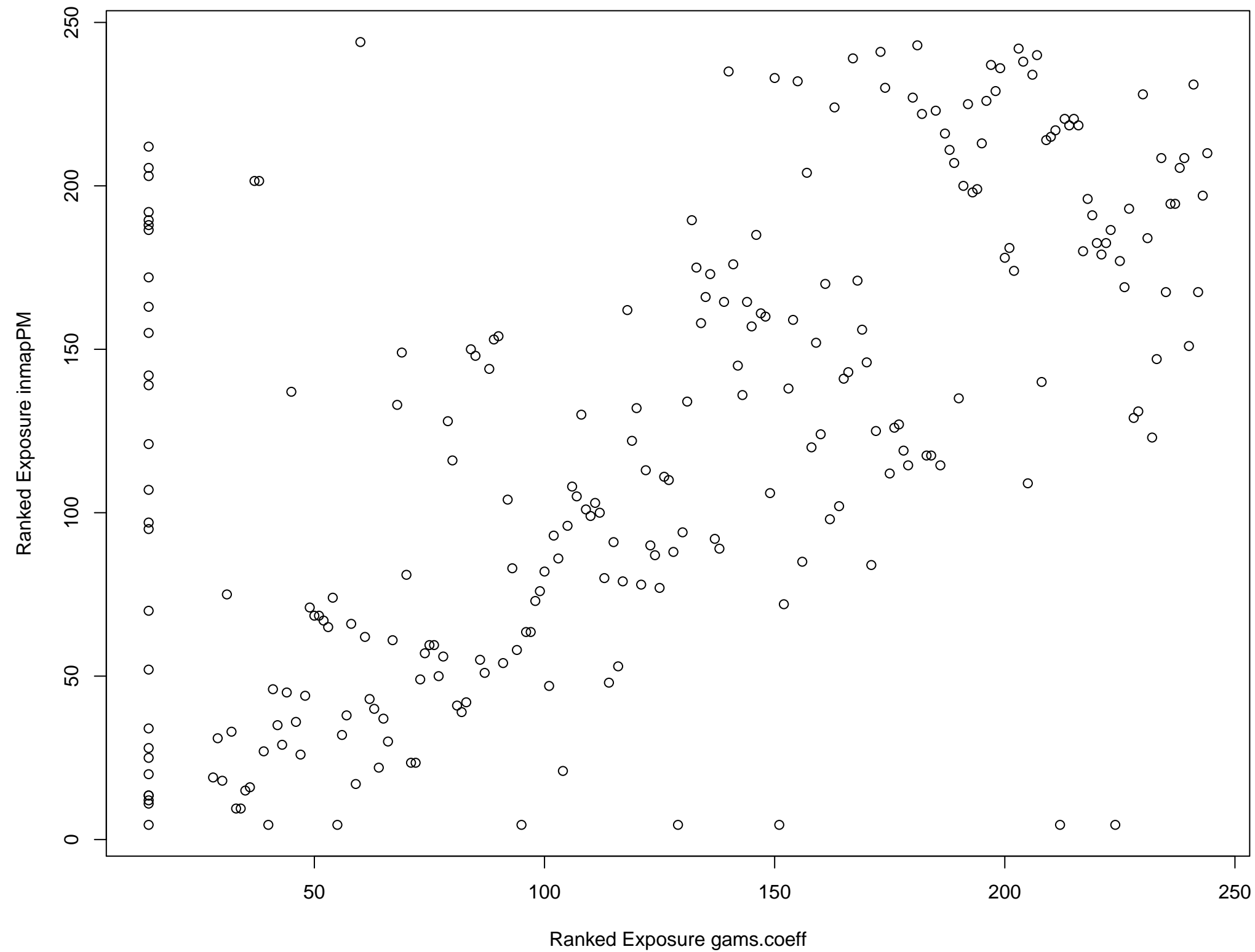
Northeast correlation = 0.14



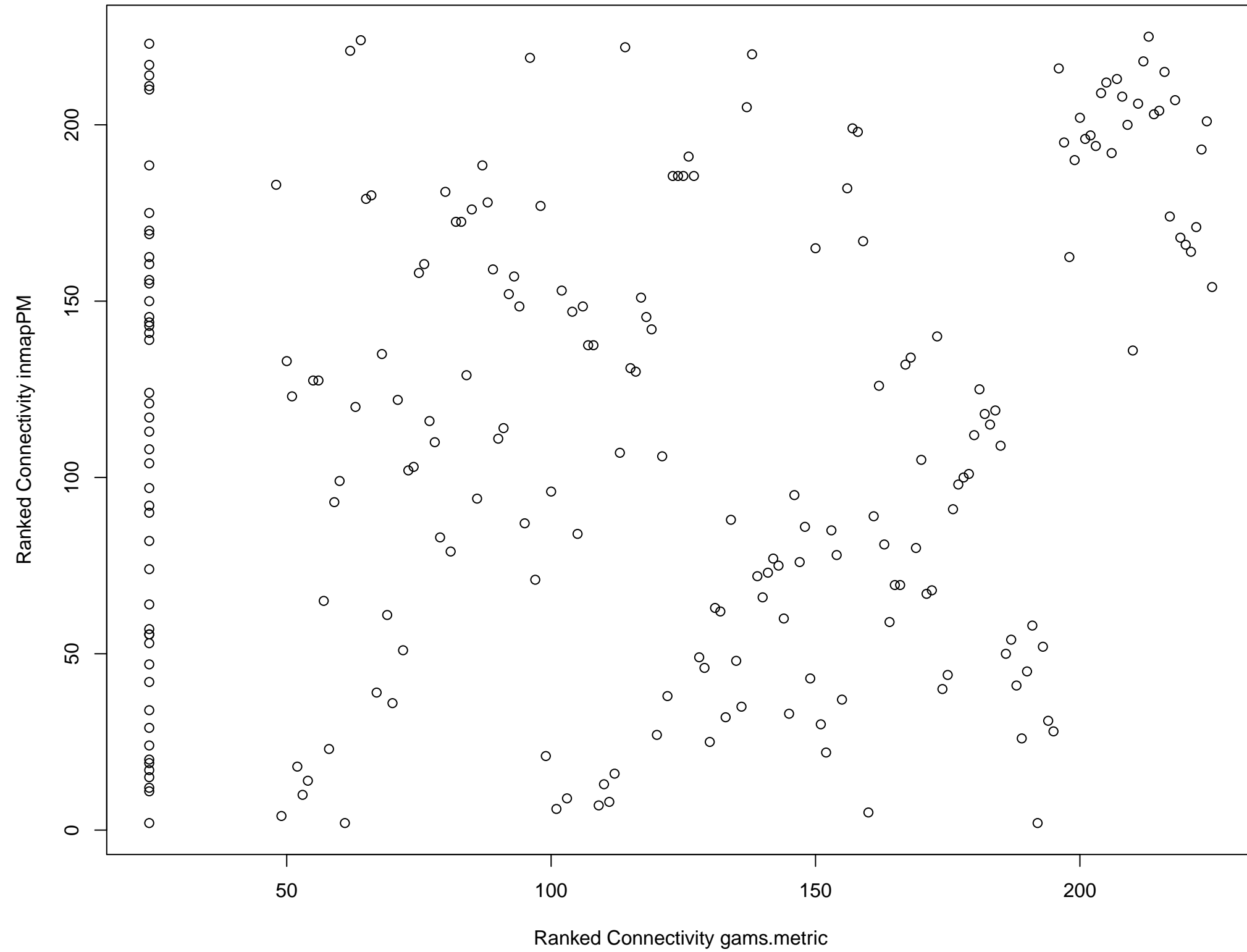
Southeast correlation = 0.08



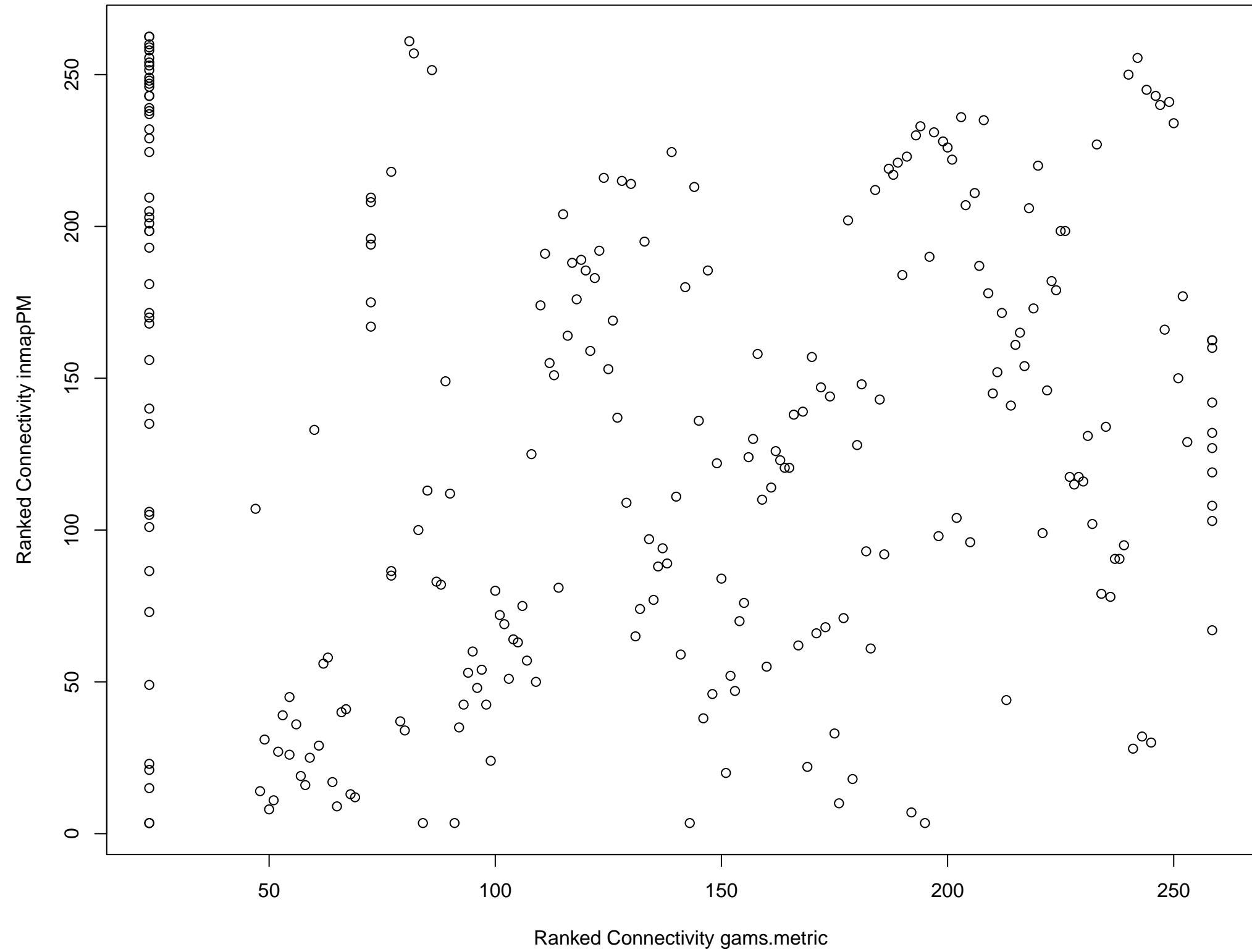
IndustrialMidwest correlation = 0.71



Northeast correlation = 0.18



Southeast correlation = 0.04



IndustrialMidwest correlation = 0.36

