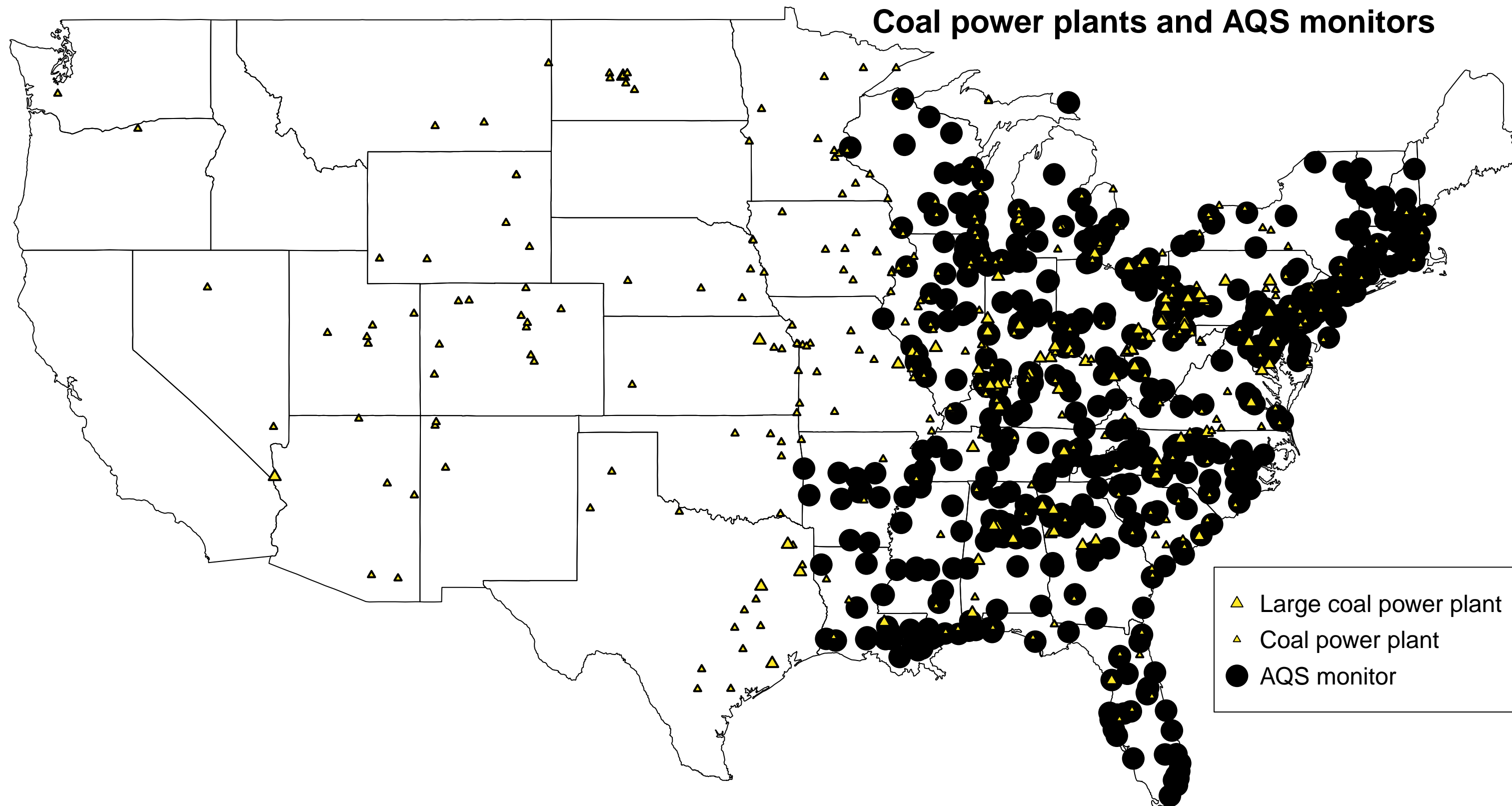
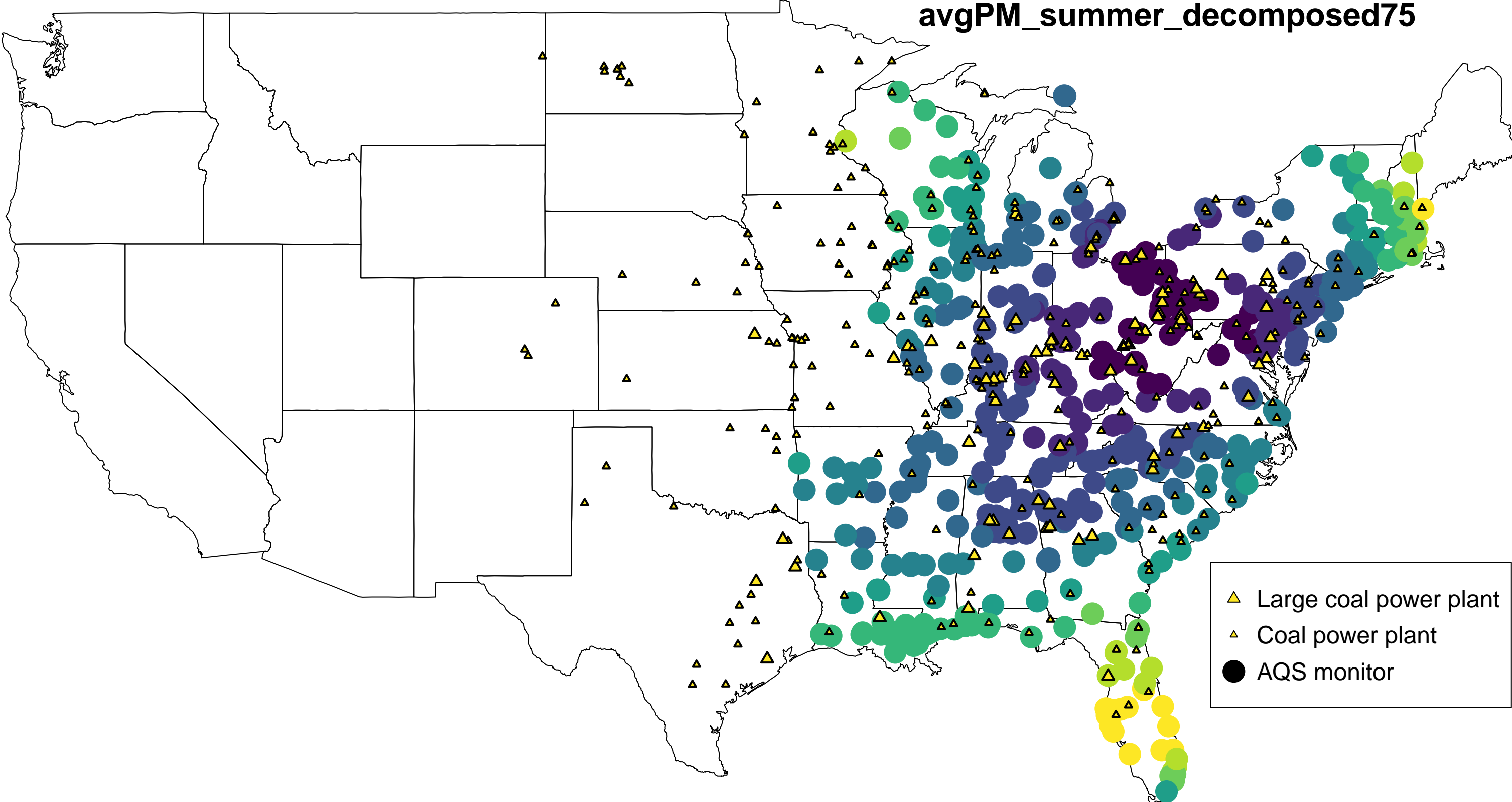


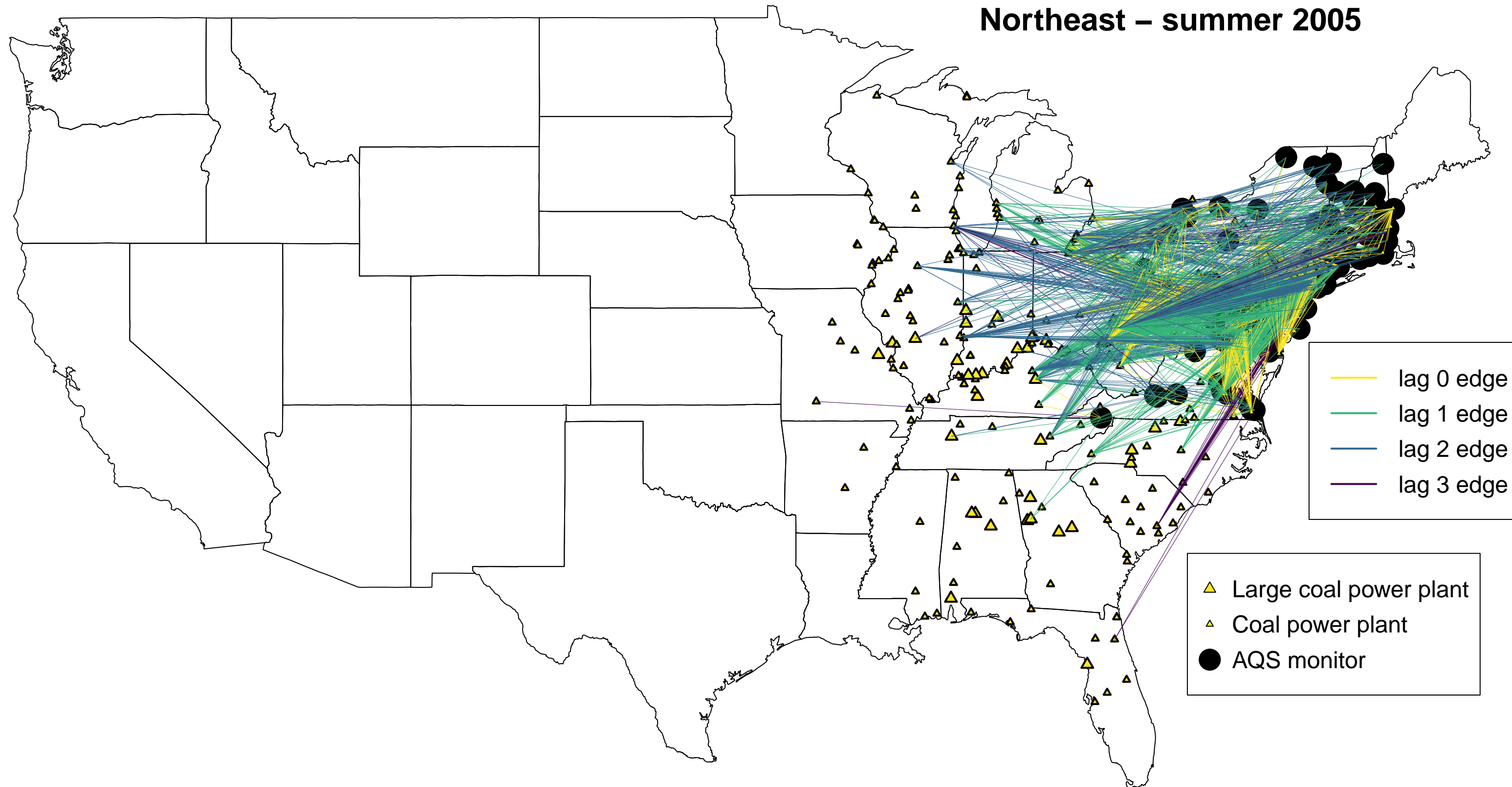
Coal power plants and AQS monitors



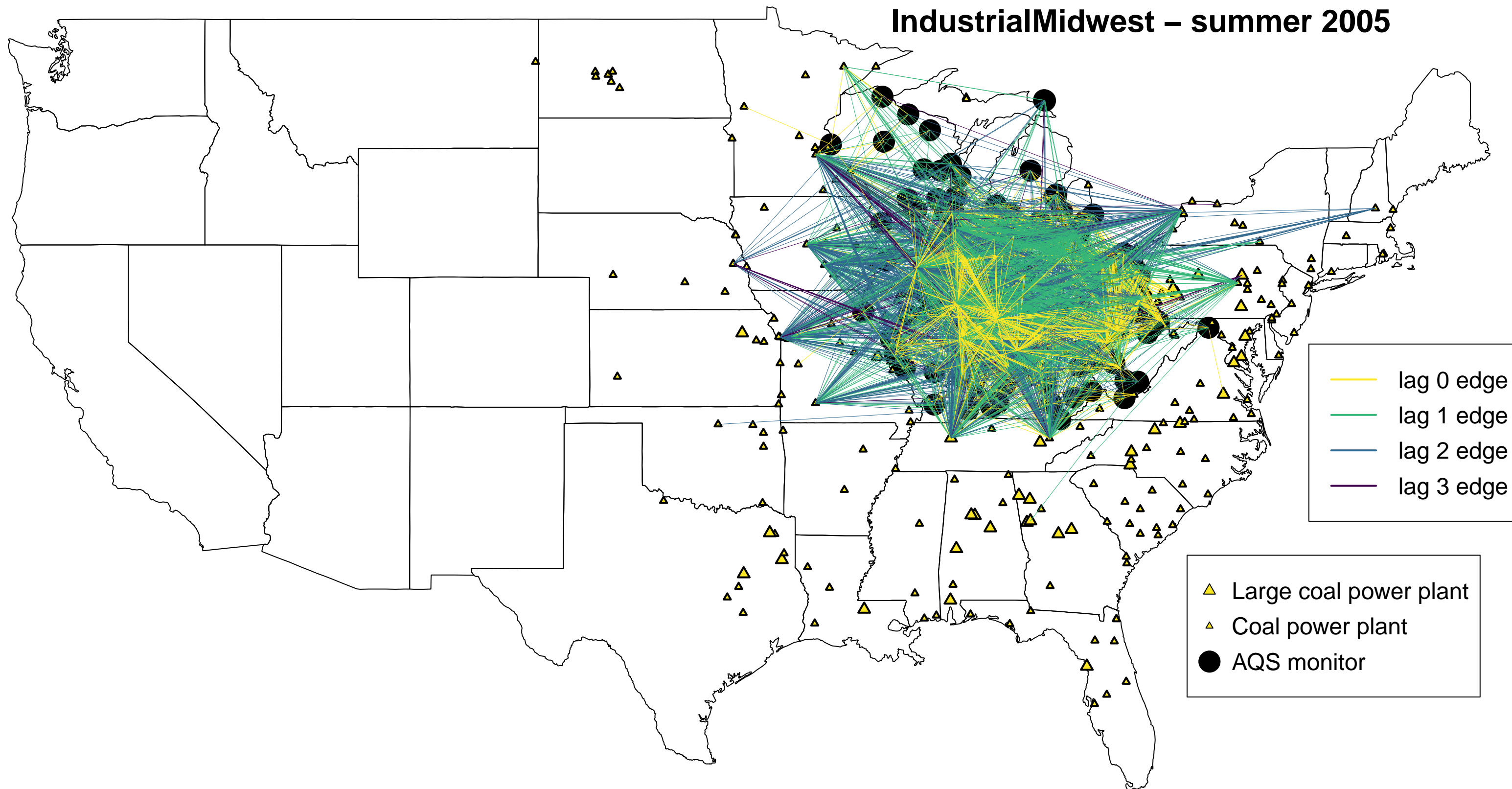
avgPM_summer_decomposed75



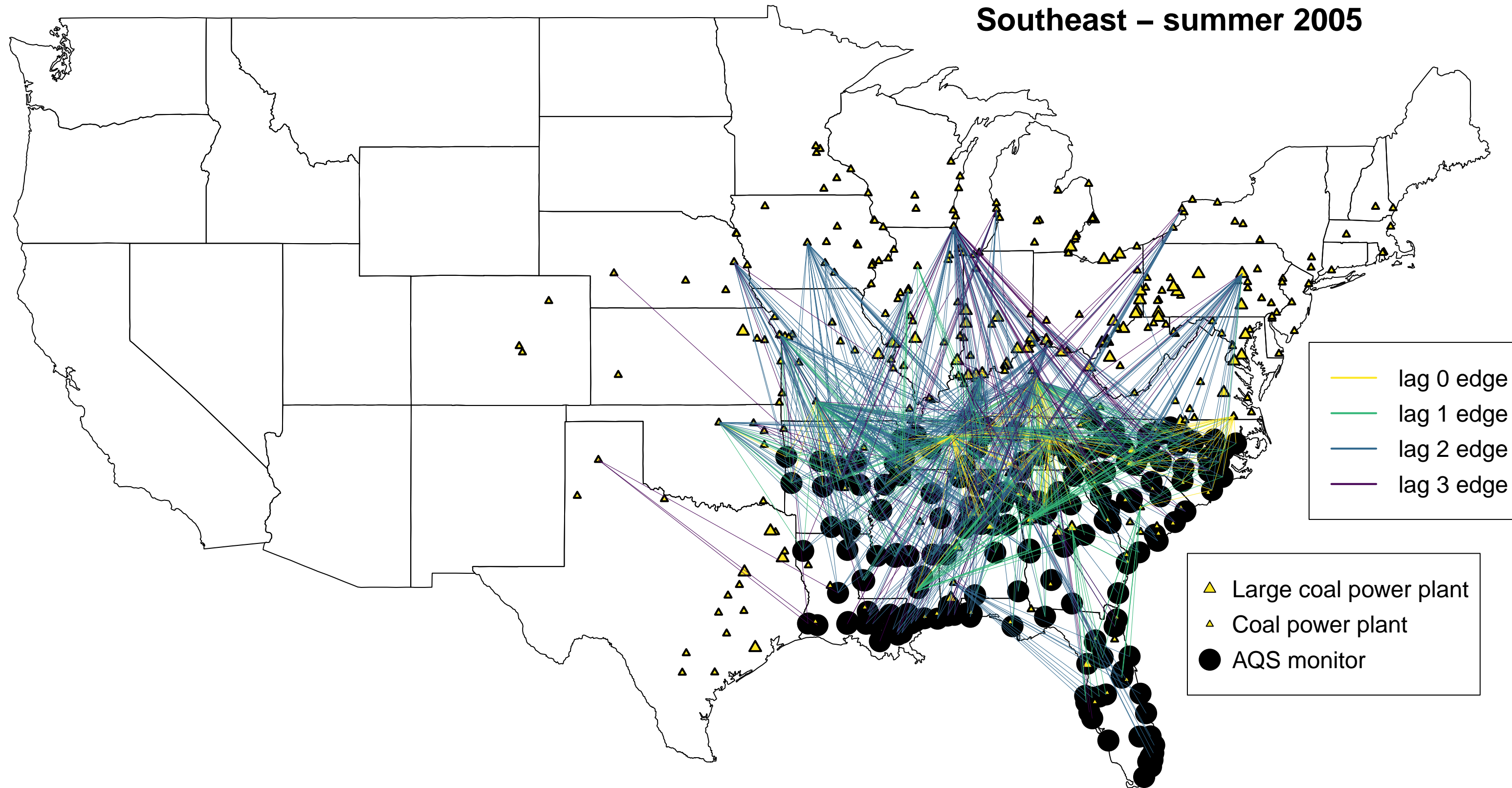
Northeast – summer 2005



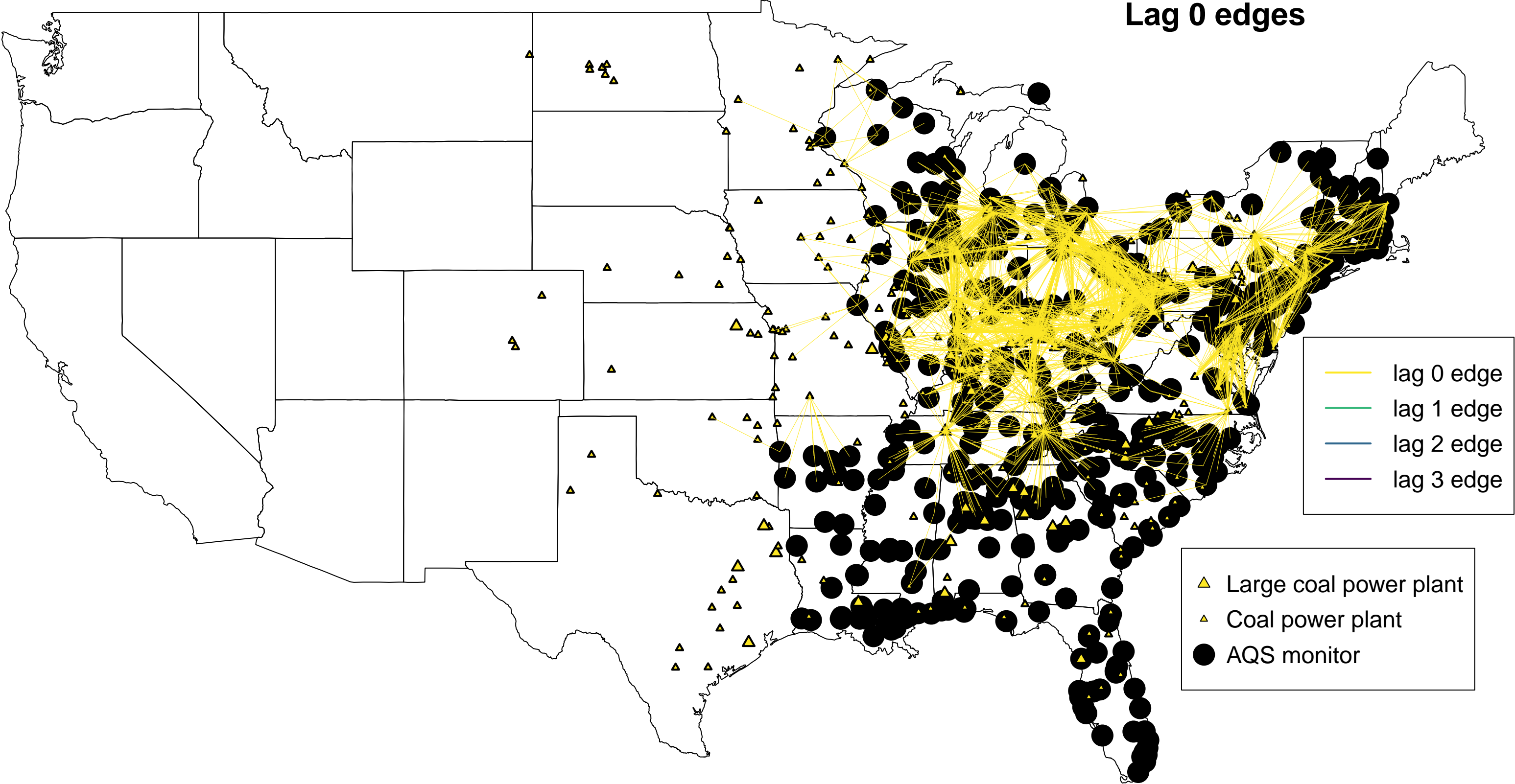
IndustrialMidwest – summer 2005



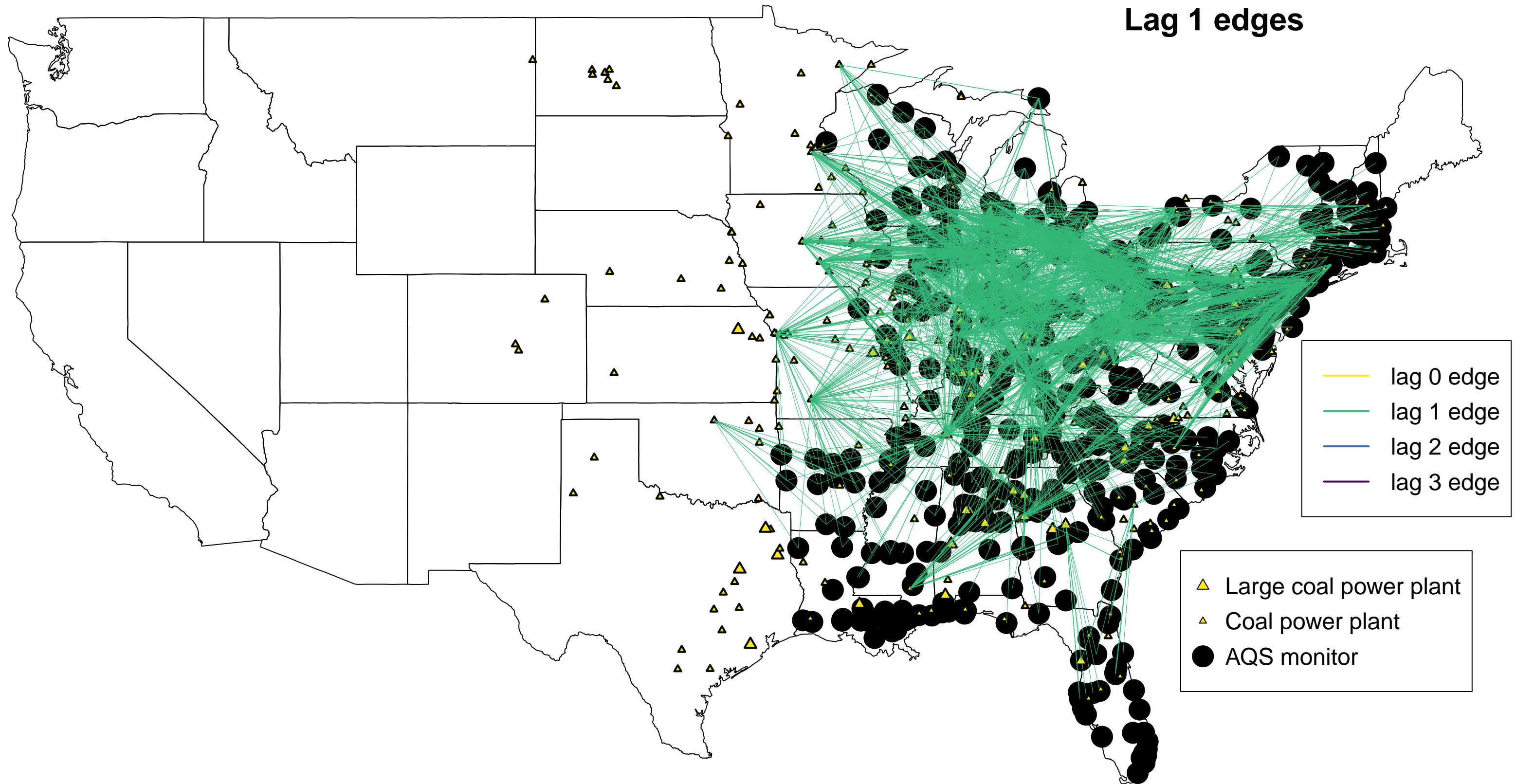
Southeast – summer 2005



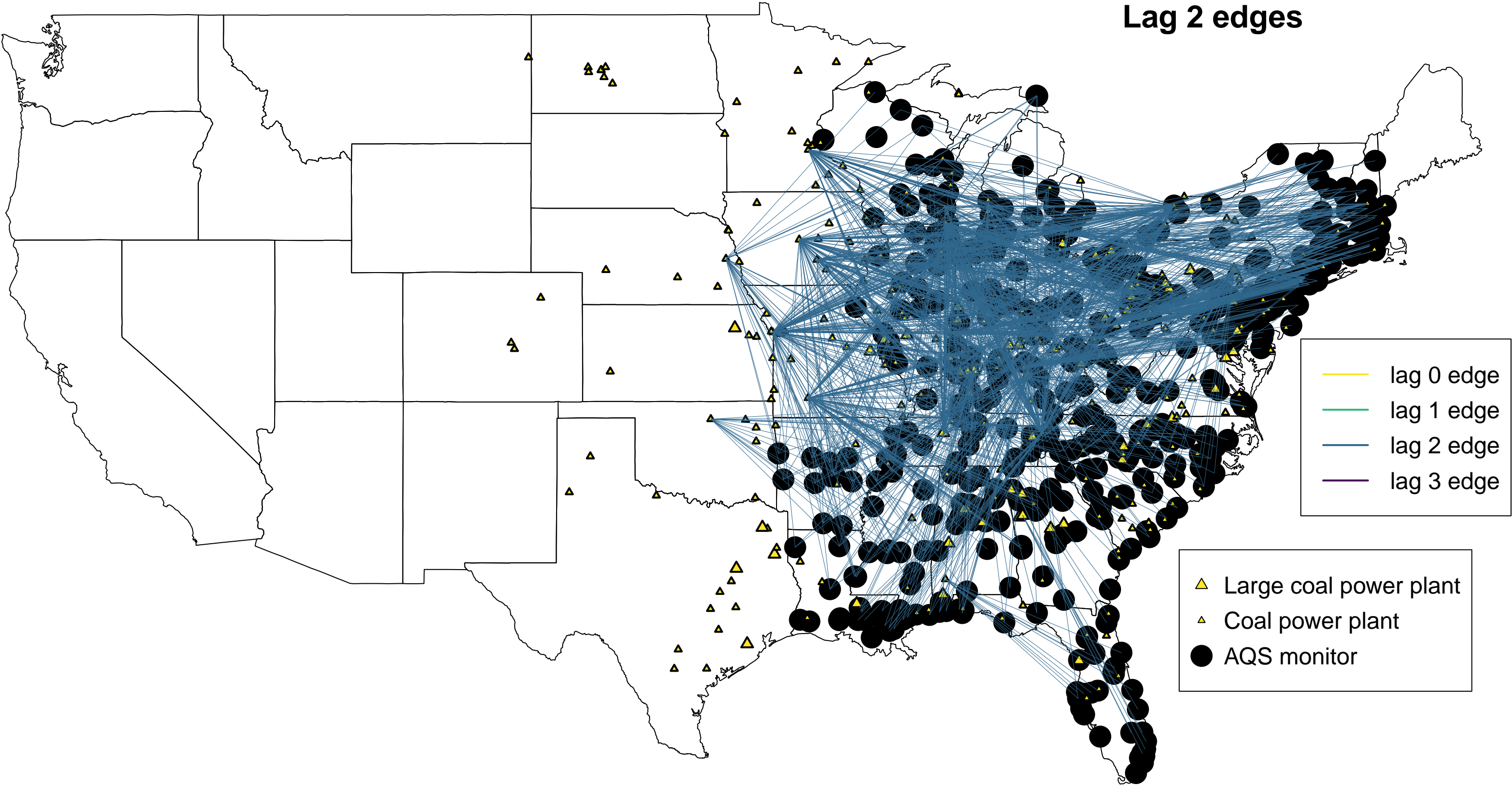
Lag 0 edges



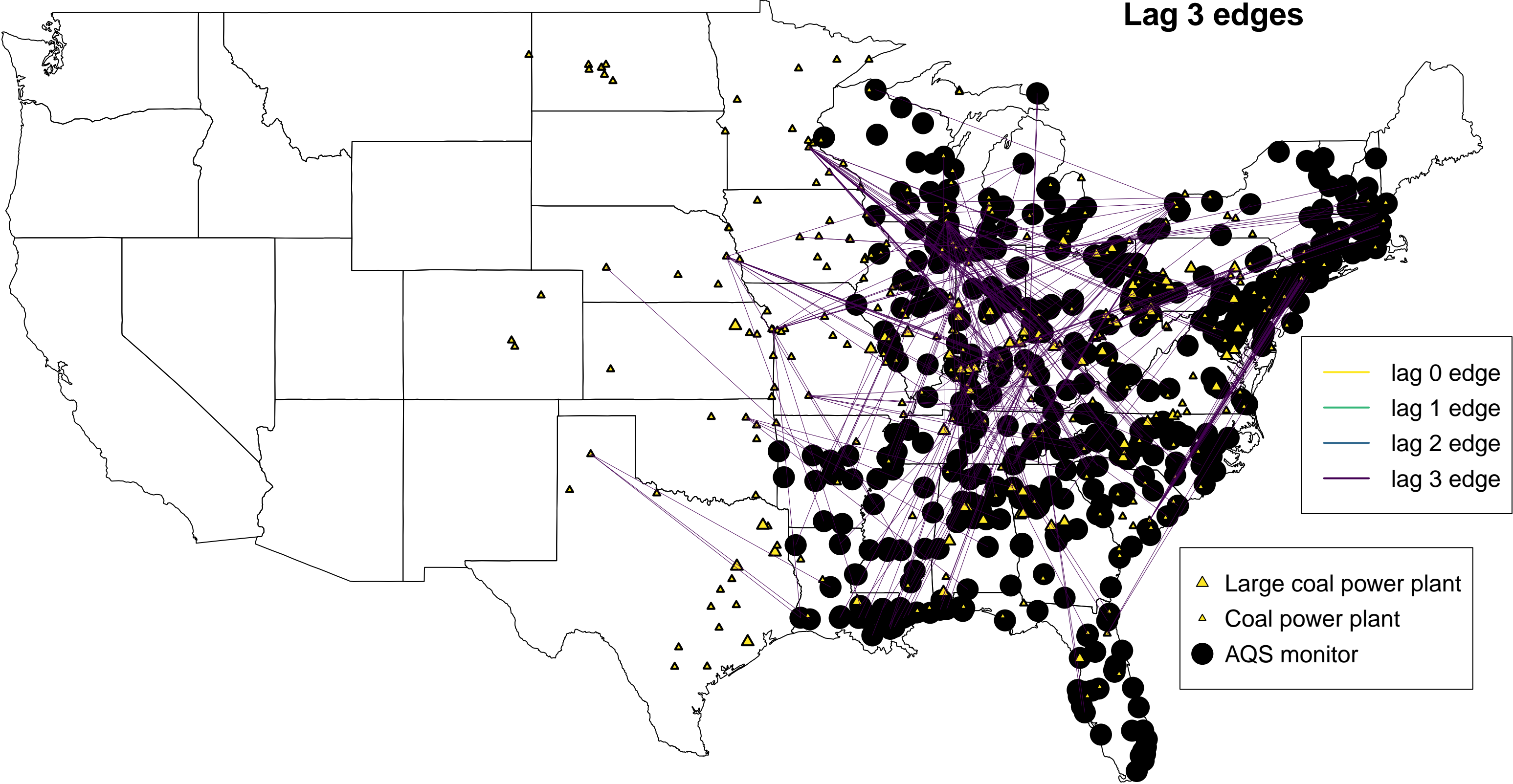
Lag 1 edges



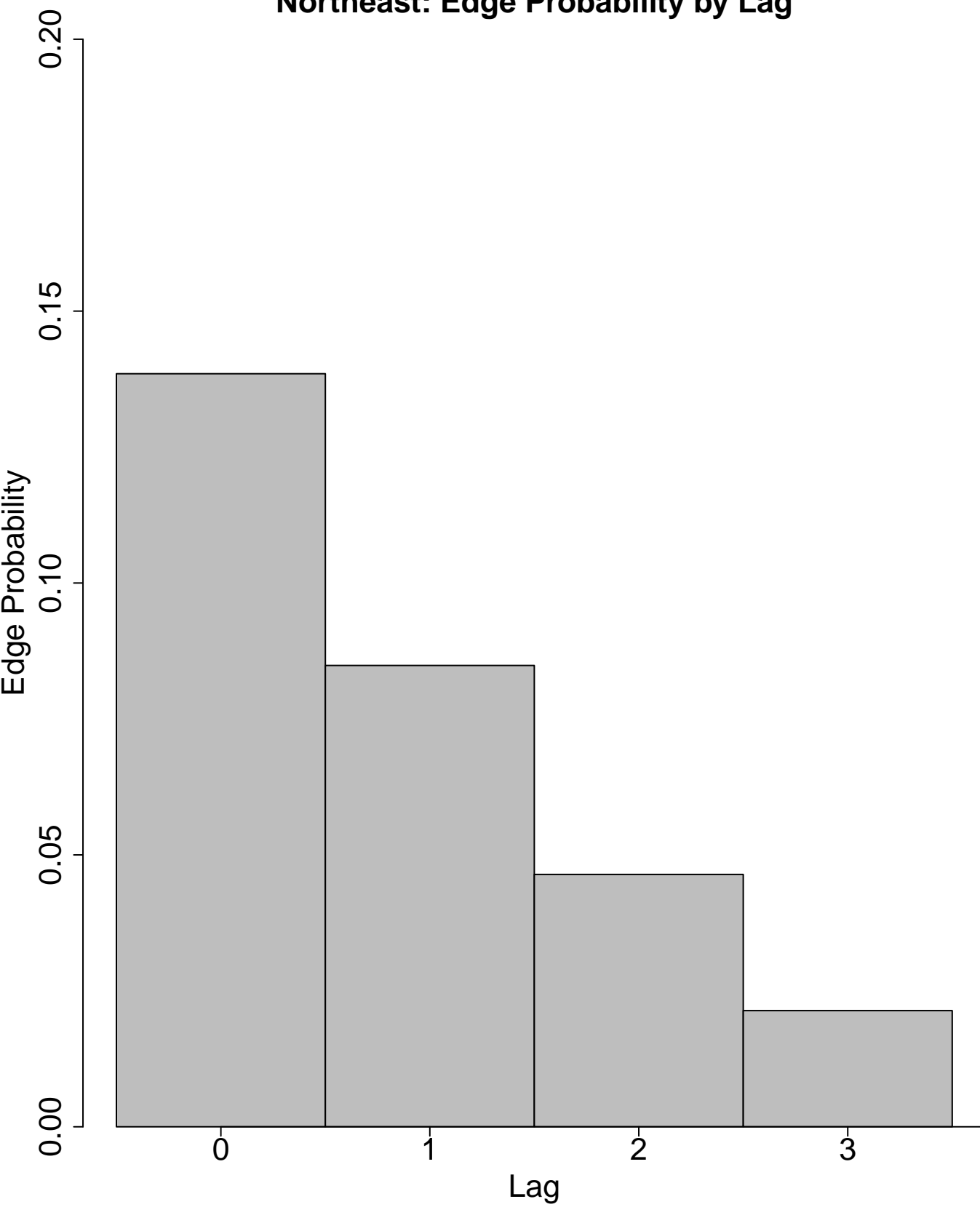
Lag 2 edges



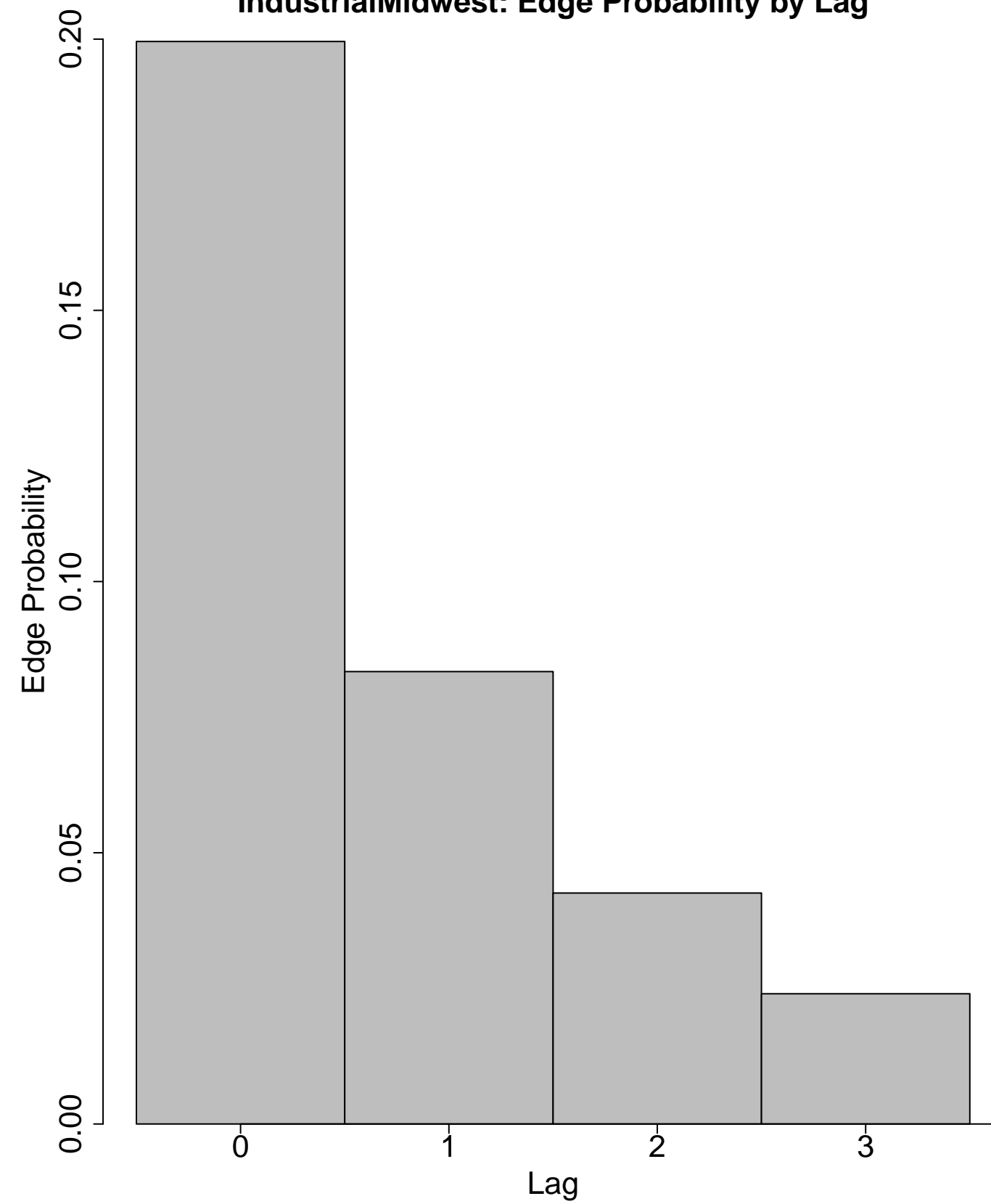
Lag 3 edges



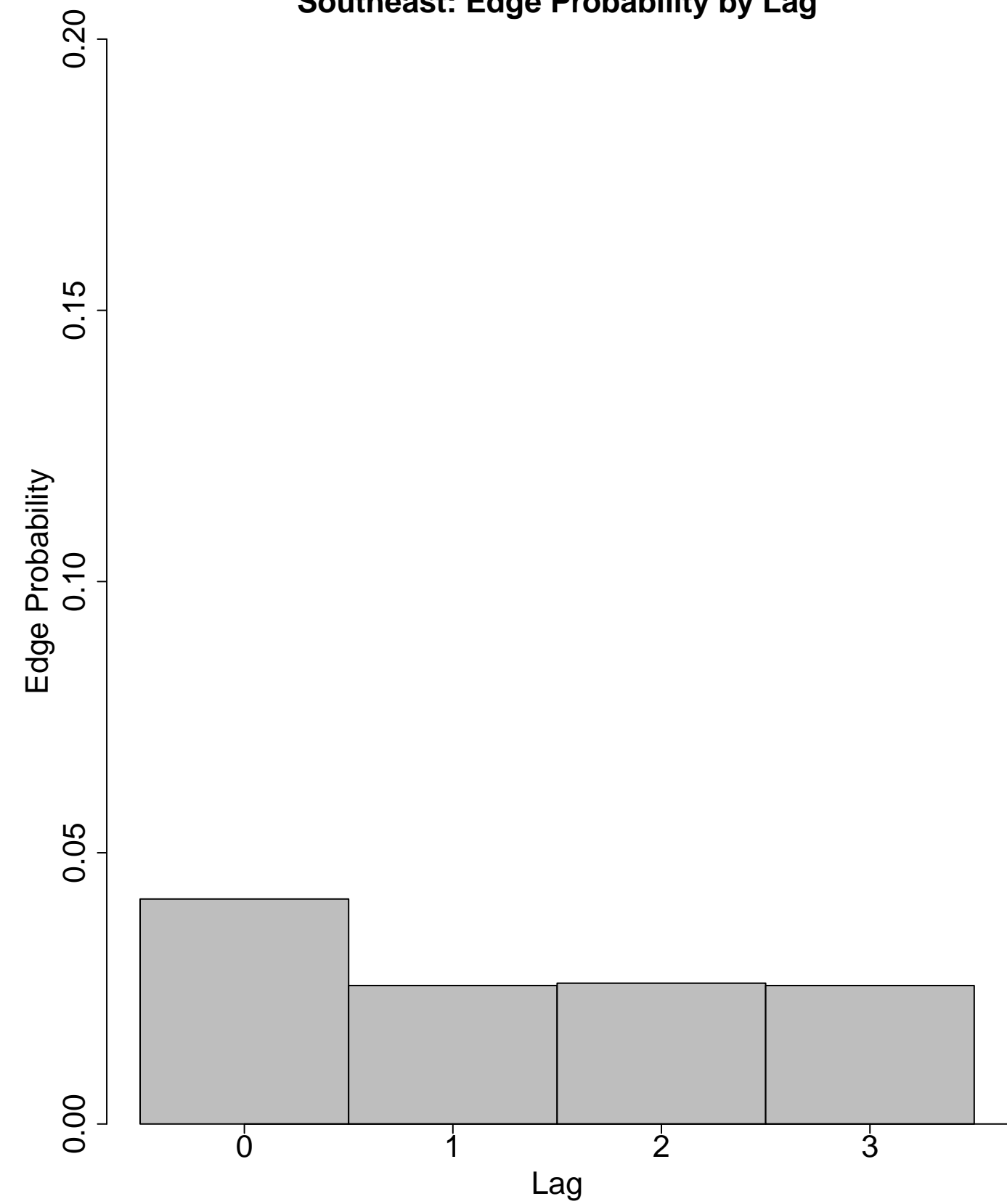
Northeast: Edge Probability by Lag



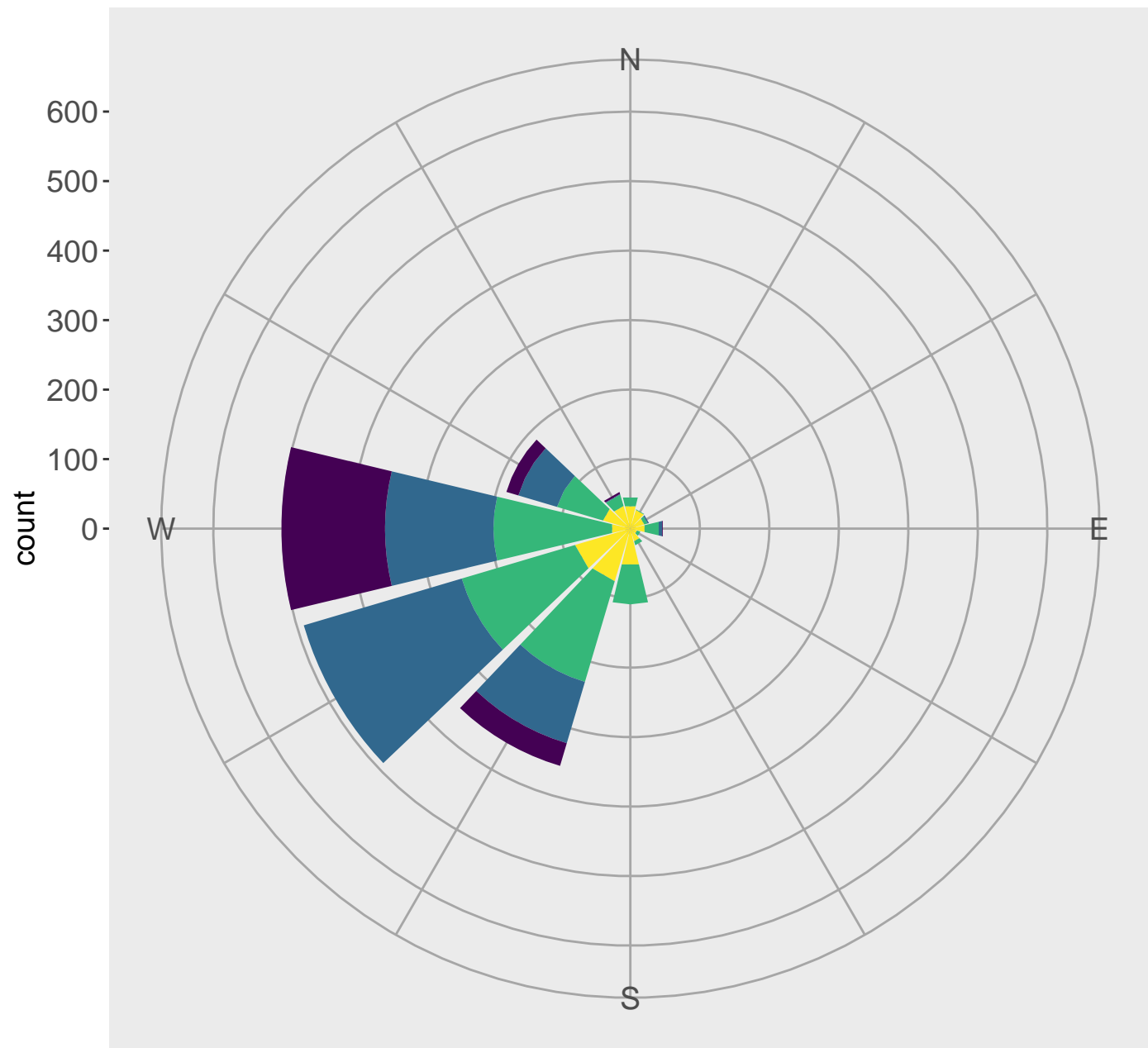
IndustrialMidwest: Edge Probability by Lag



Southeast: Edge Probability by Lag

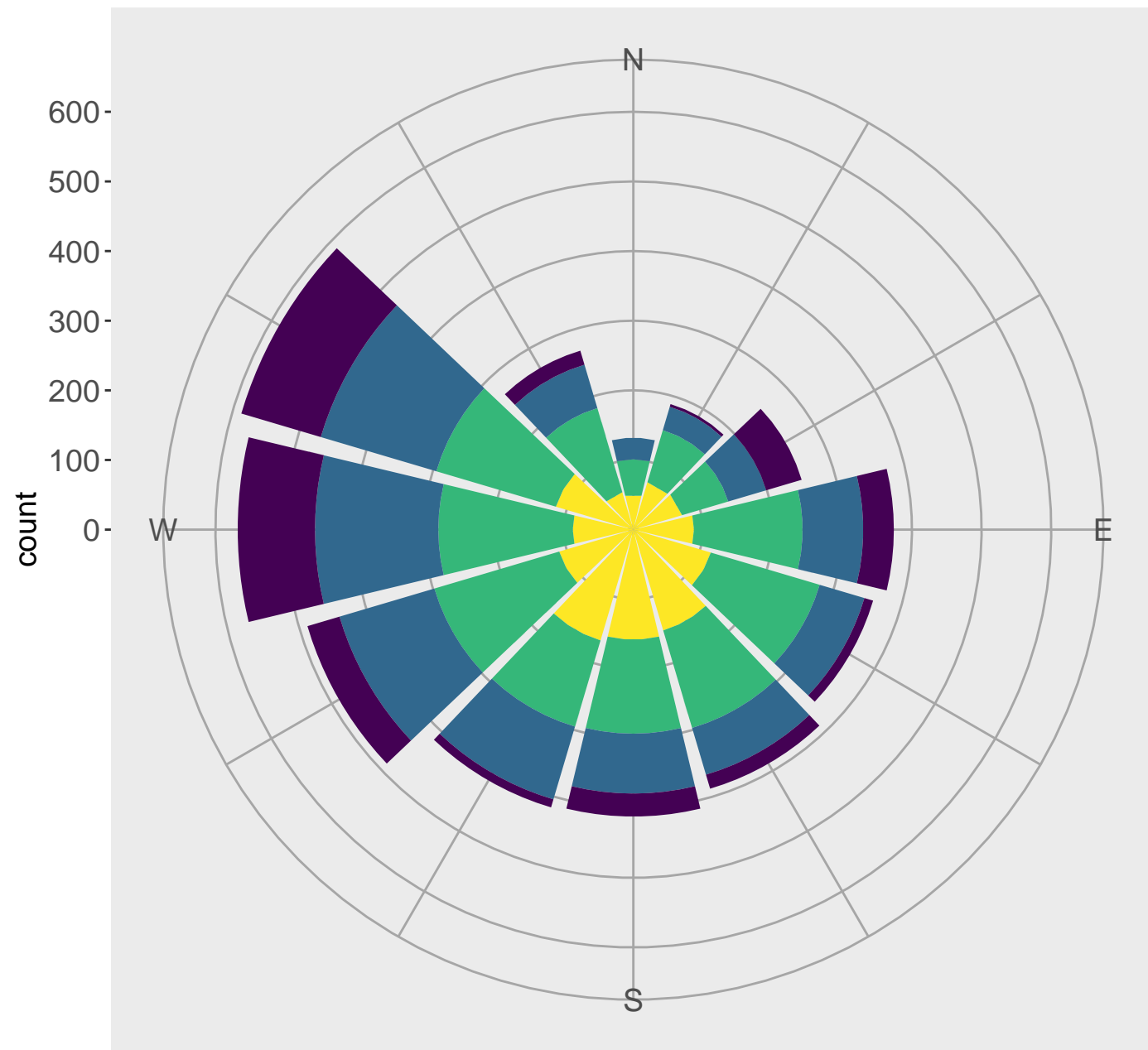


Edge counts by distance/direction to source
Northeast receptors



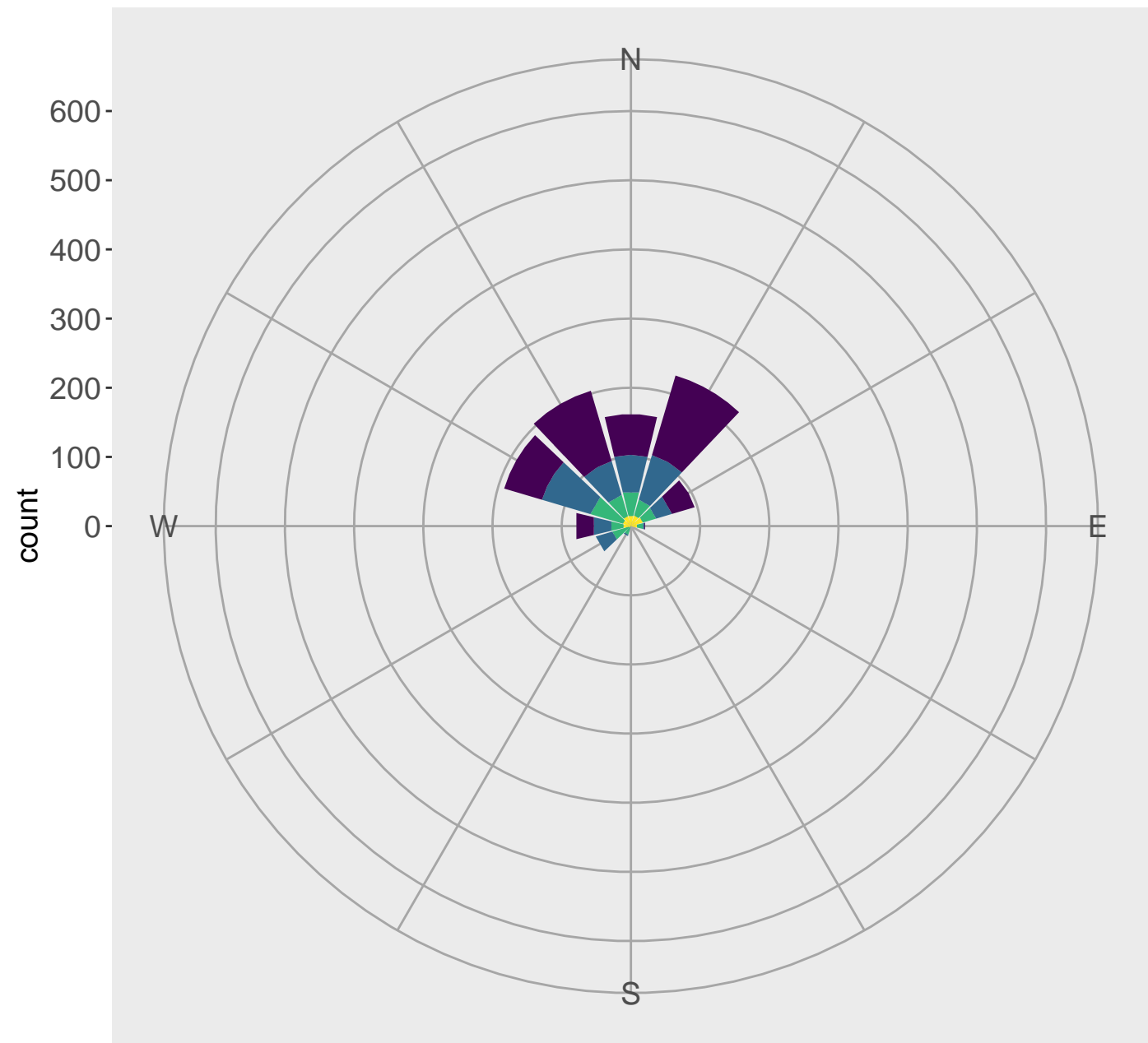
Distance to Source (km) 750–1000 500–750 250–500 0–250

Edge counts by distance/direction to source
IndustrialMidwest receptors



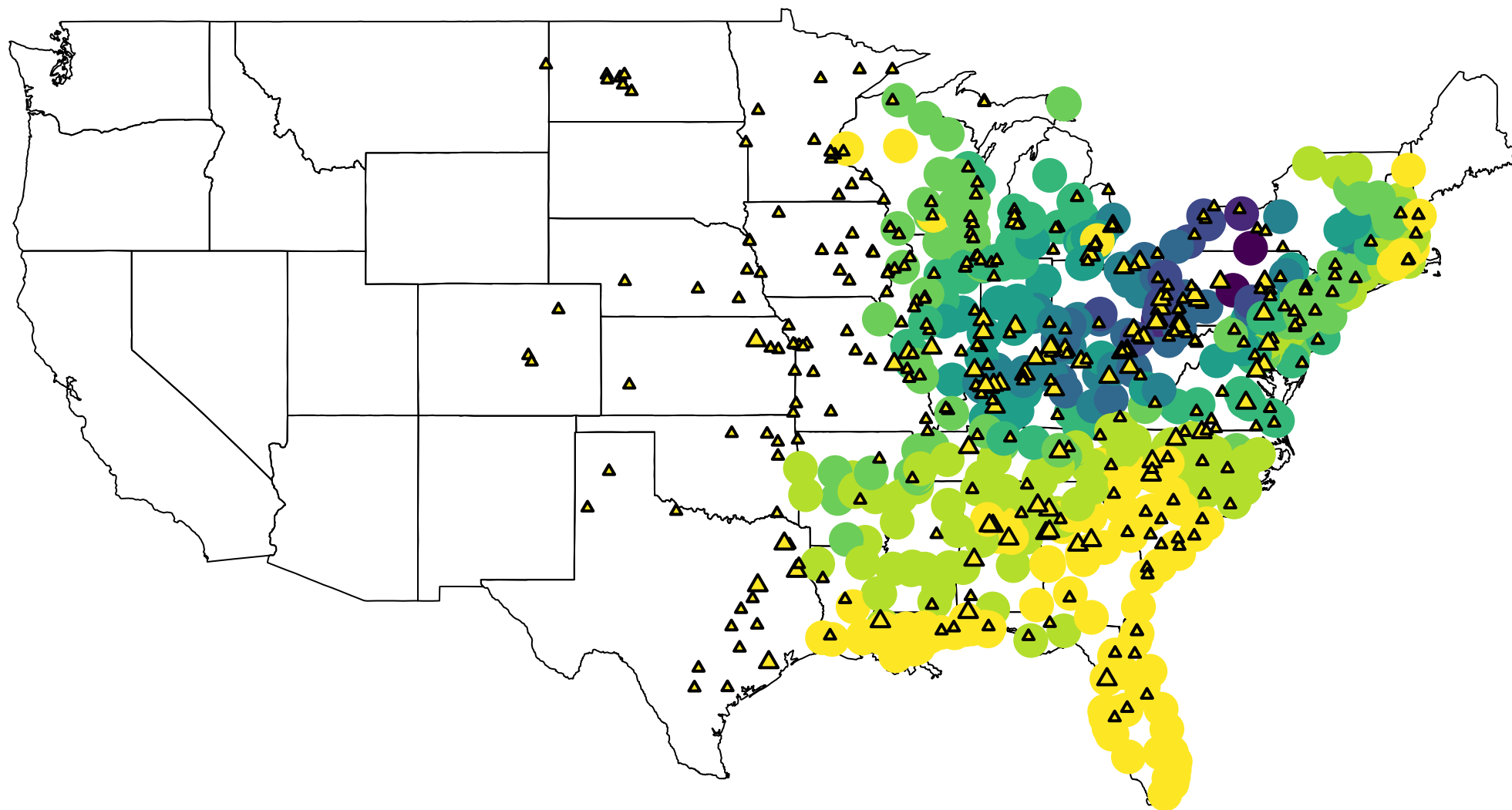
Distance to Source (km) 750–1000 500–750 250–500 0–250

Edge counts by distance/direction to source
Southeast receptors

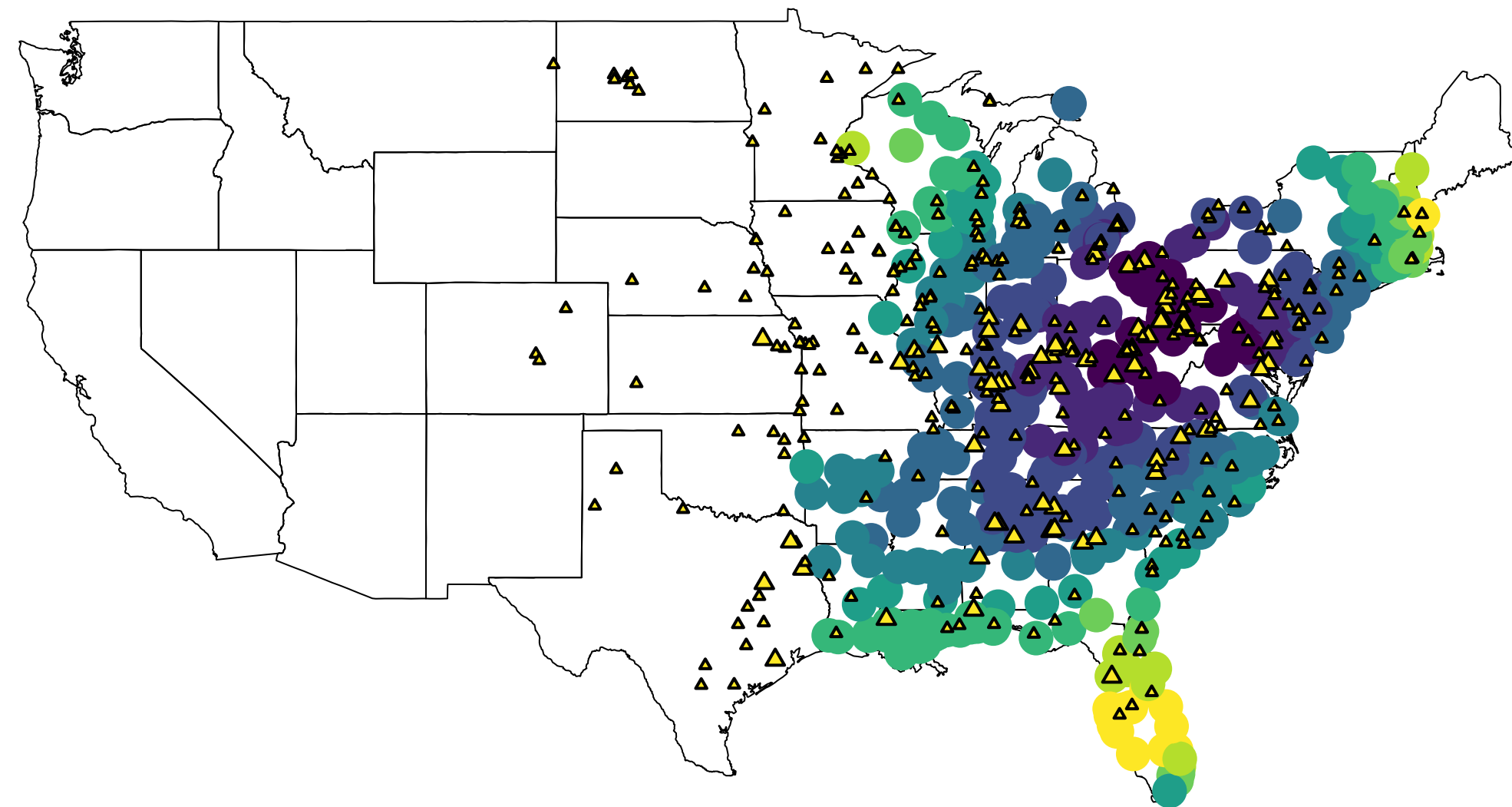


Distance to Source (km) 750–1000 500–750 250–500 0–250

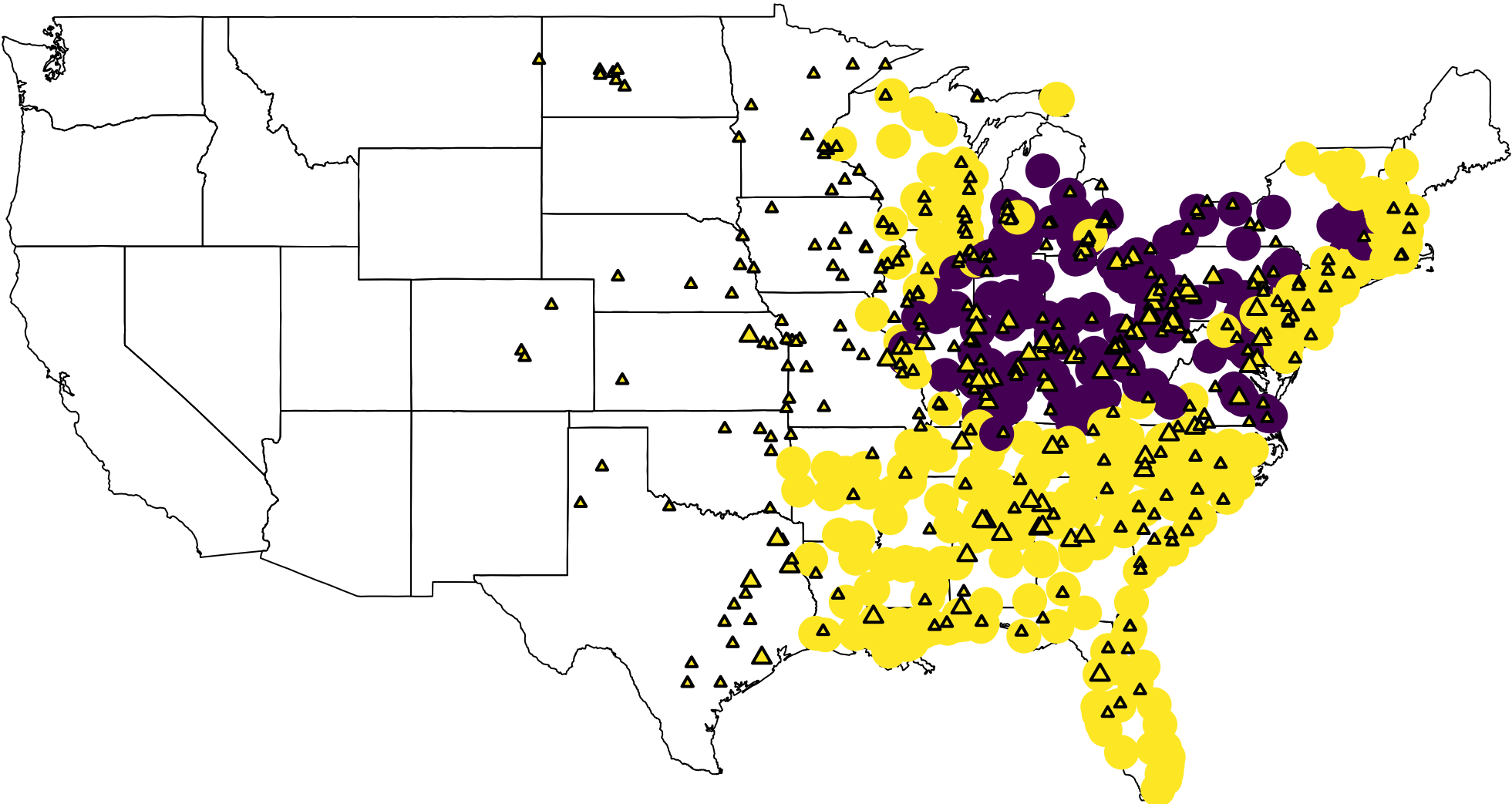
Monitor exposure: sum of gams.coeff, summer 2005



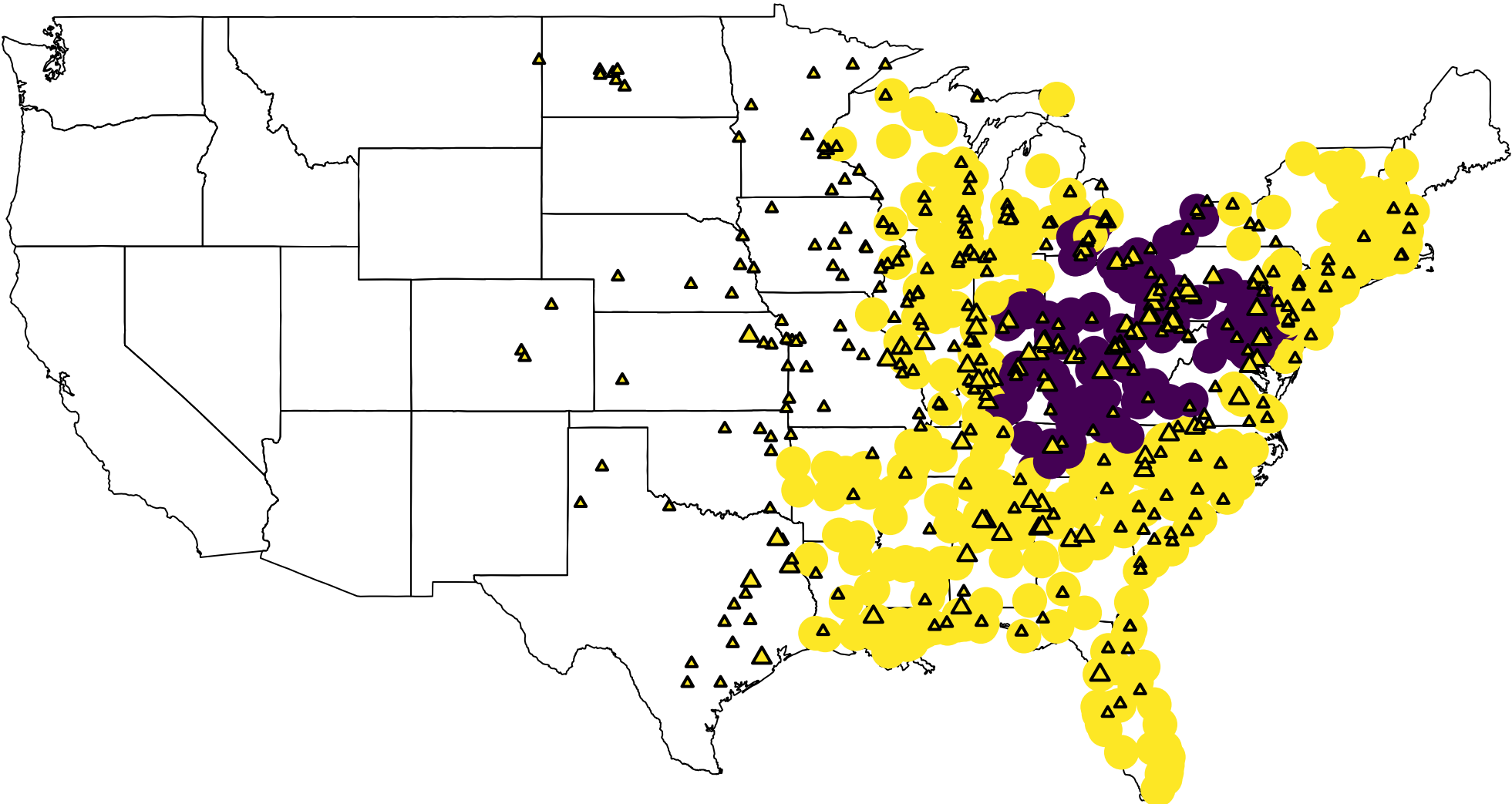
Monitor exposure: avgPM, decomposed75 summer 2005



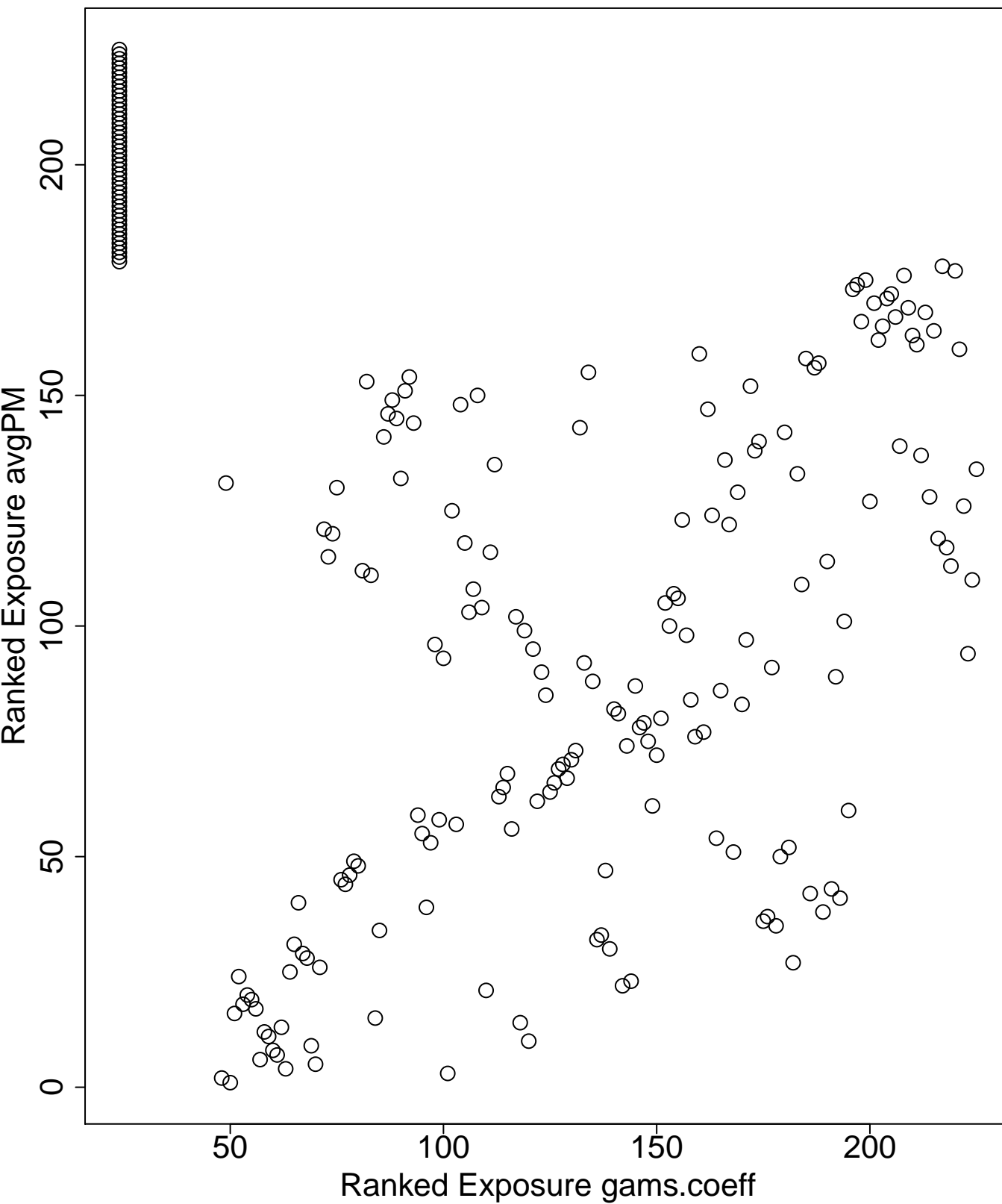
Highest exposed: sum of gams.coeff, summer 2005



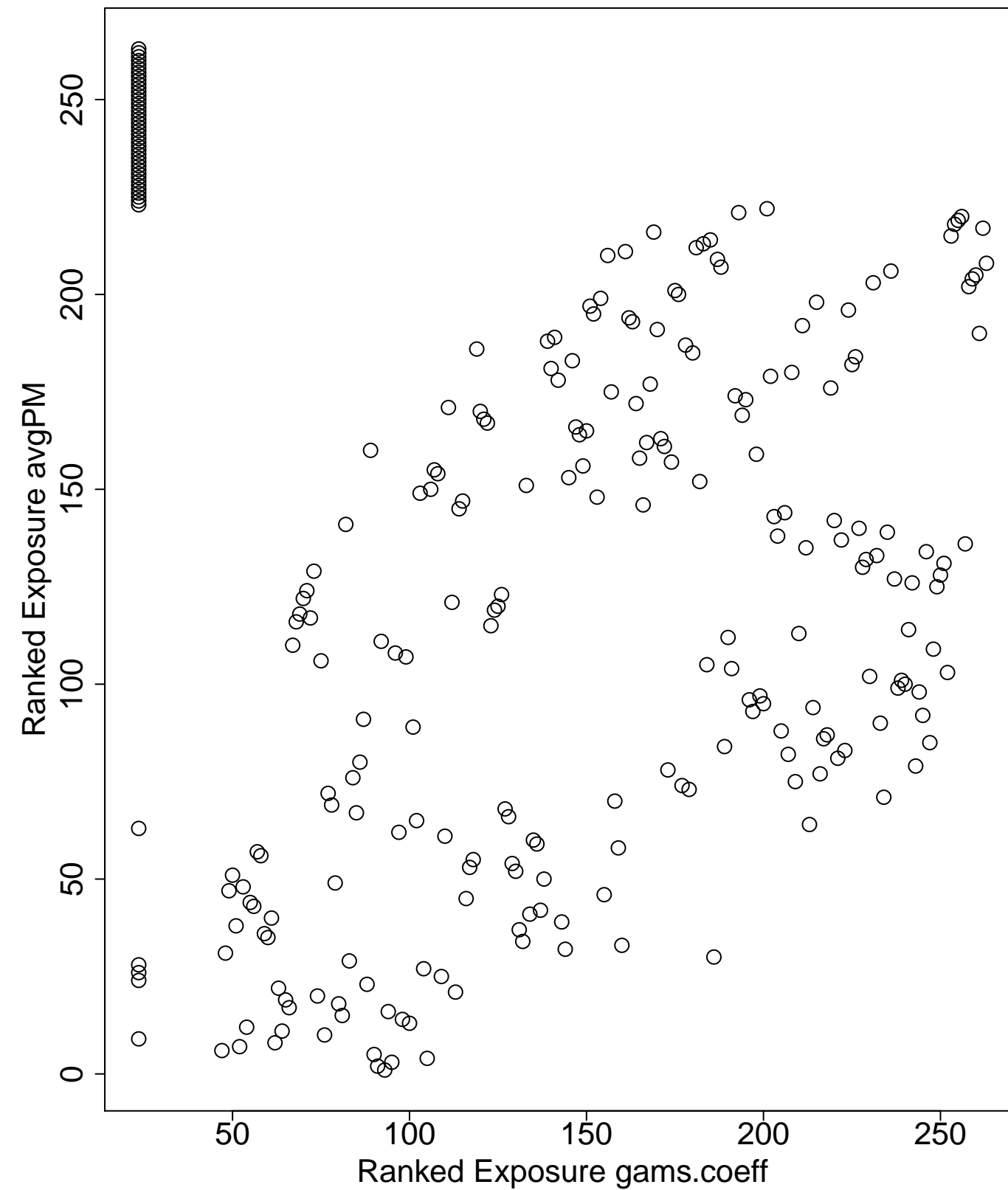
Highest exposed: avgPM, decomposed75 summer 2005



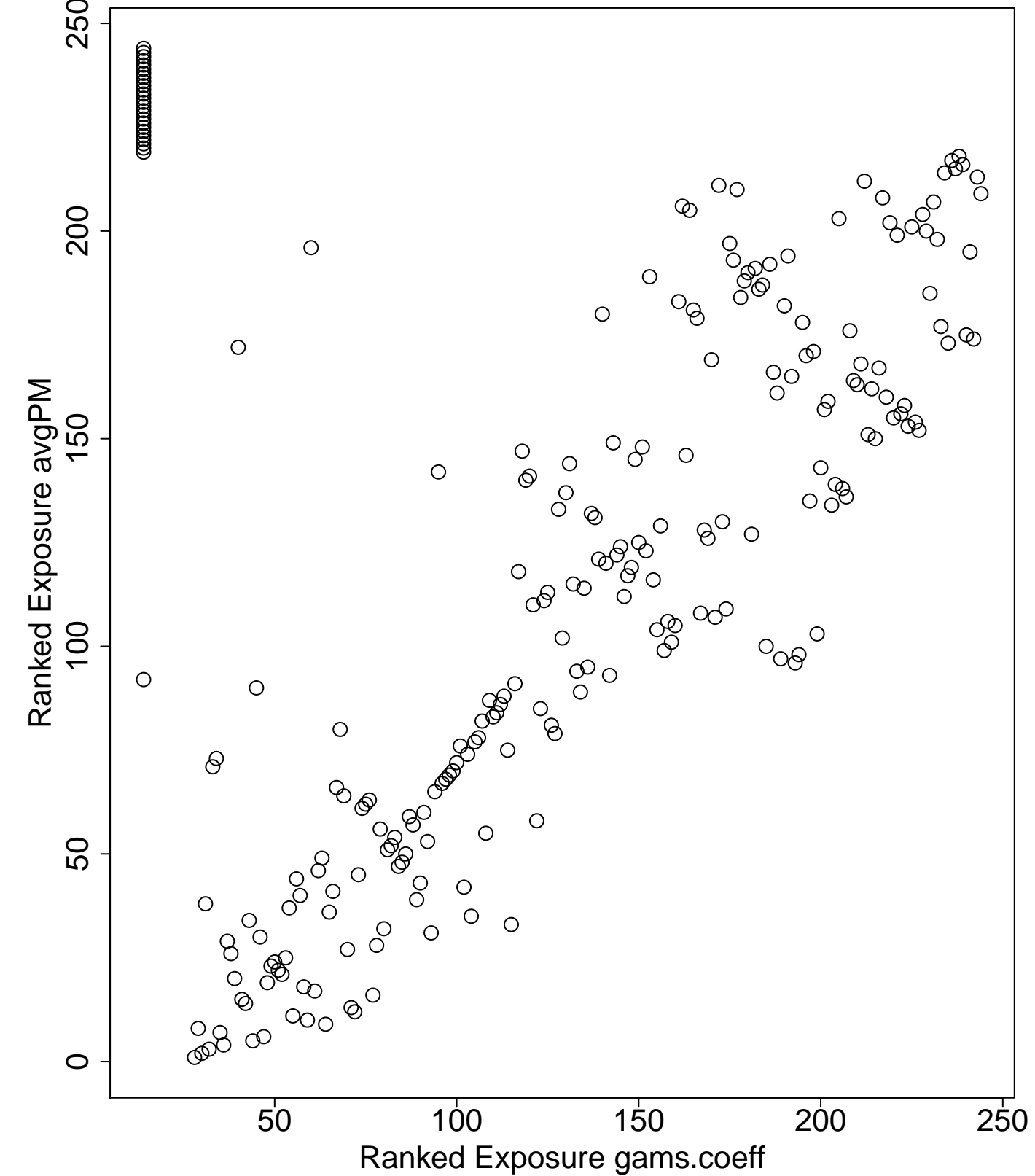
Northeast correlation = 0.55



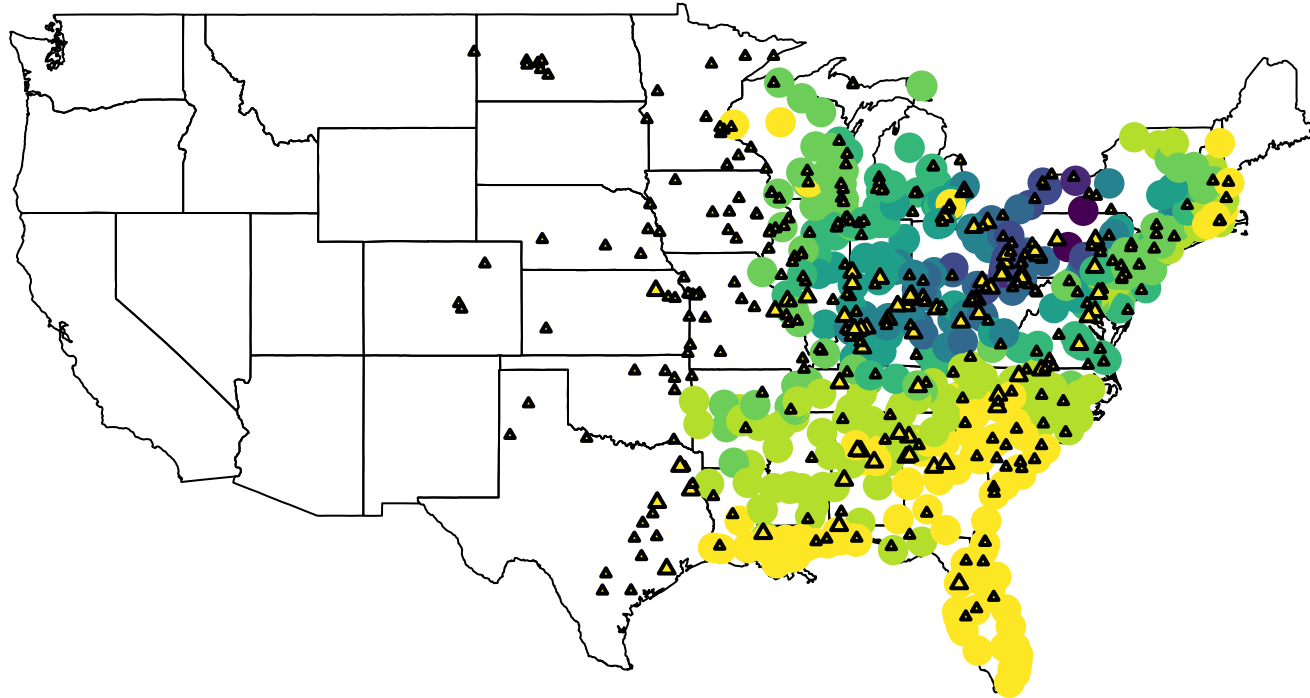
Southeast correlation = 0.53



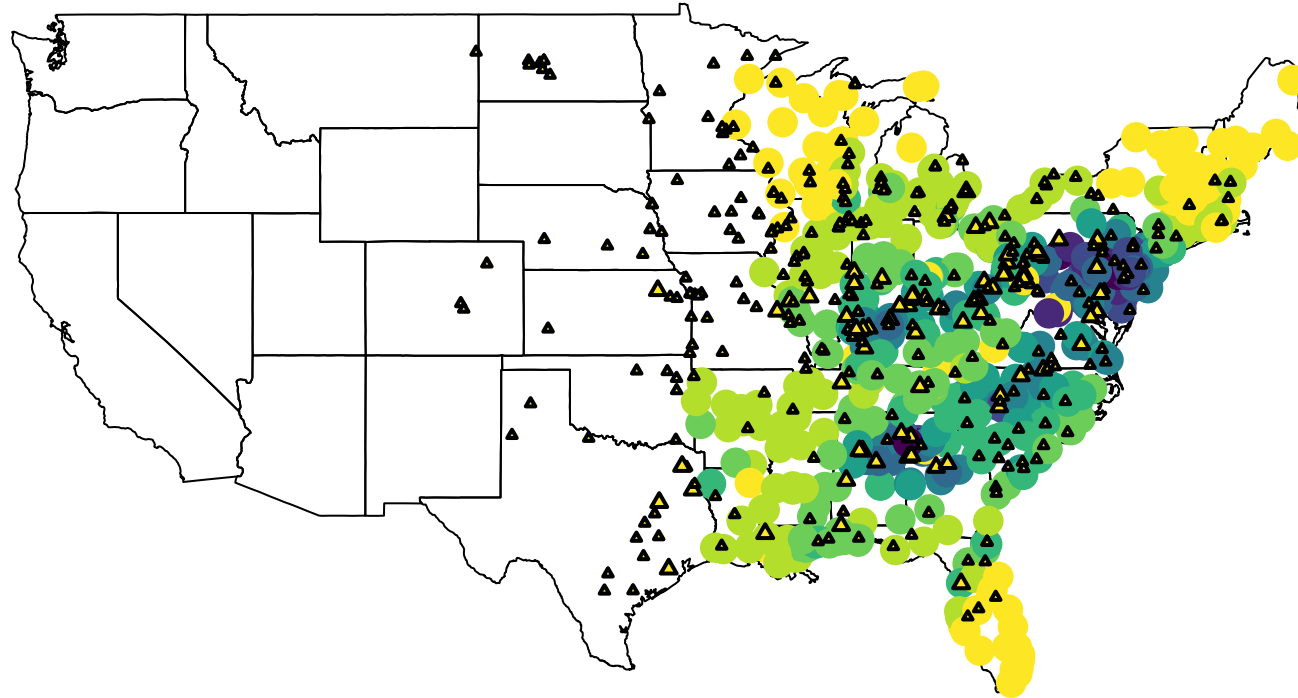
IndustrialMidwest correlation = 0.87



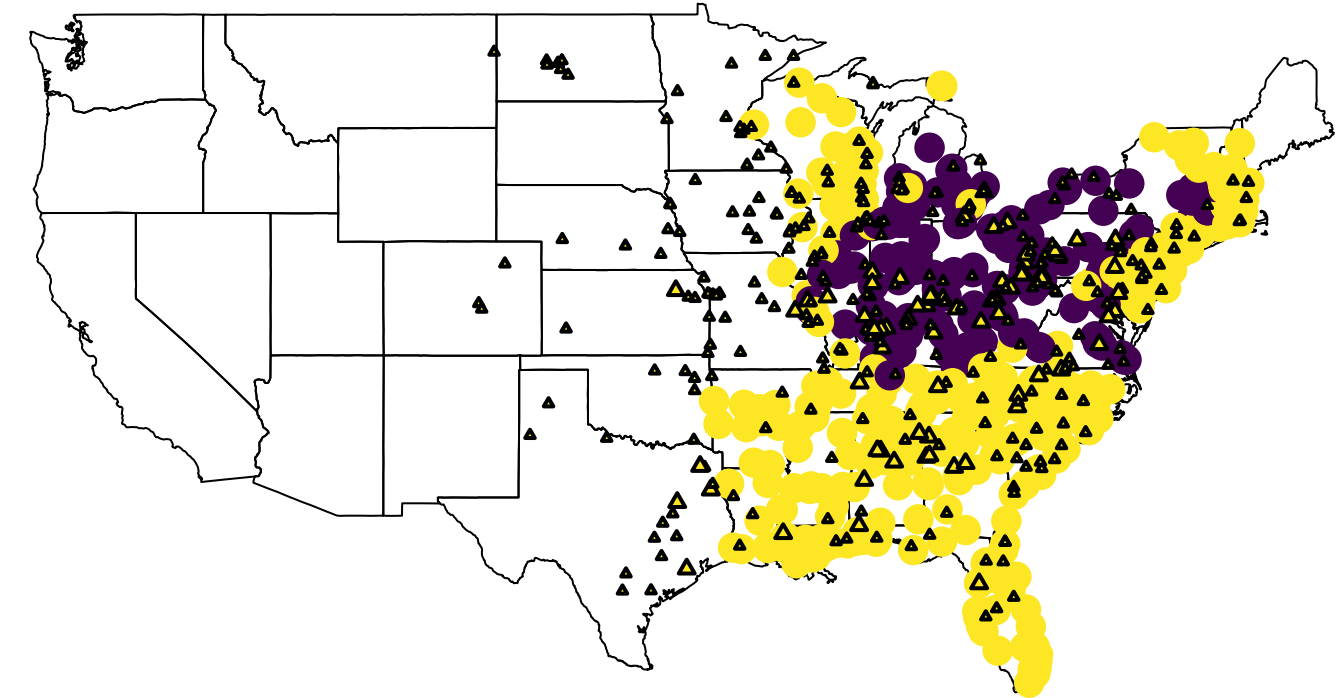
Monitor exposure: sum of gams.coeff, summer 2005



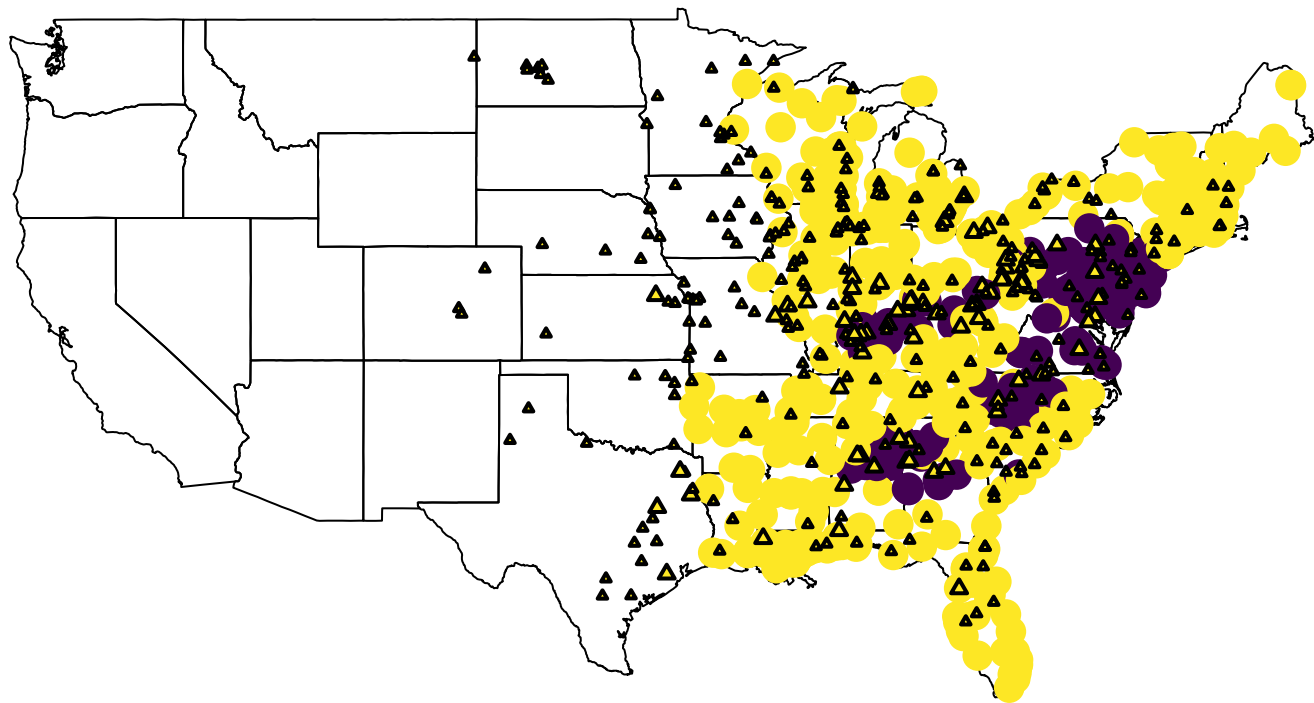
Monitor exposure: annual coal emissions (lnMAP)



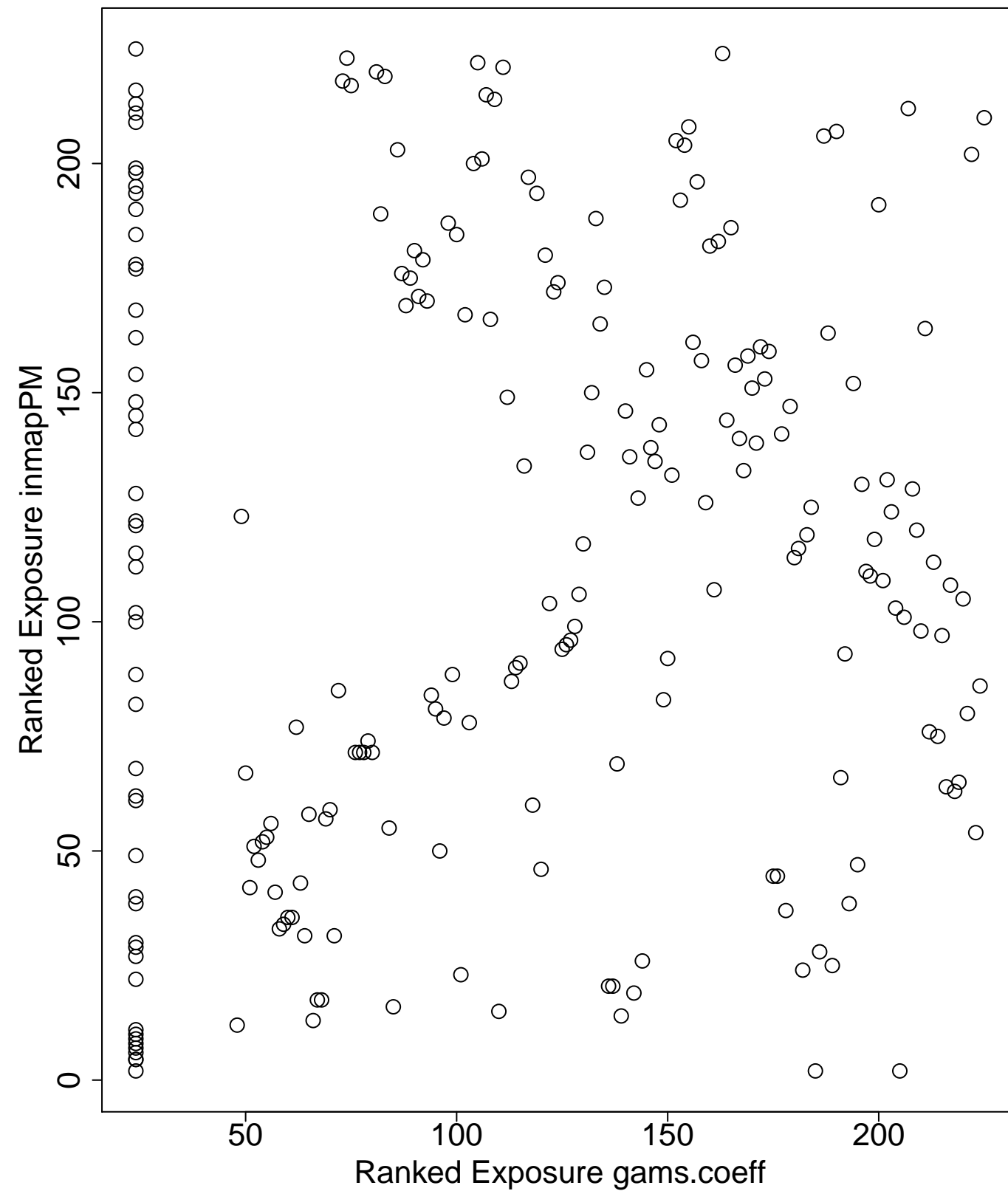
Highest exposed: sum of gams.coeff, summer 2005



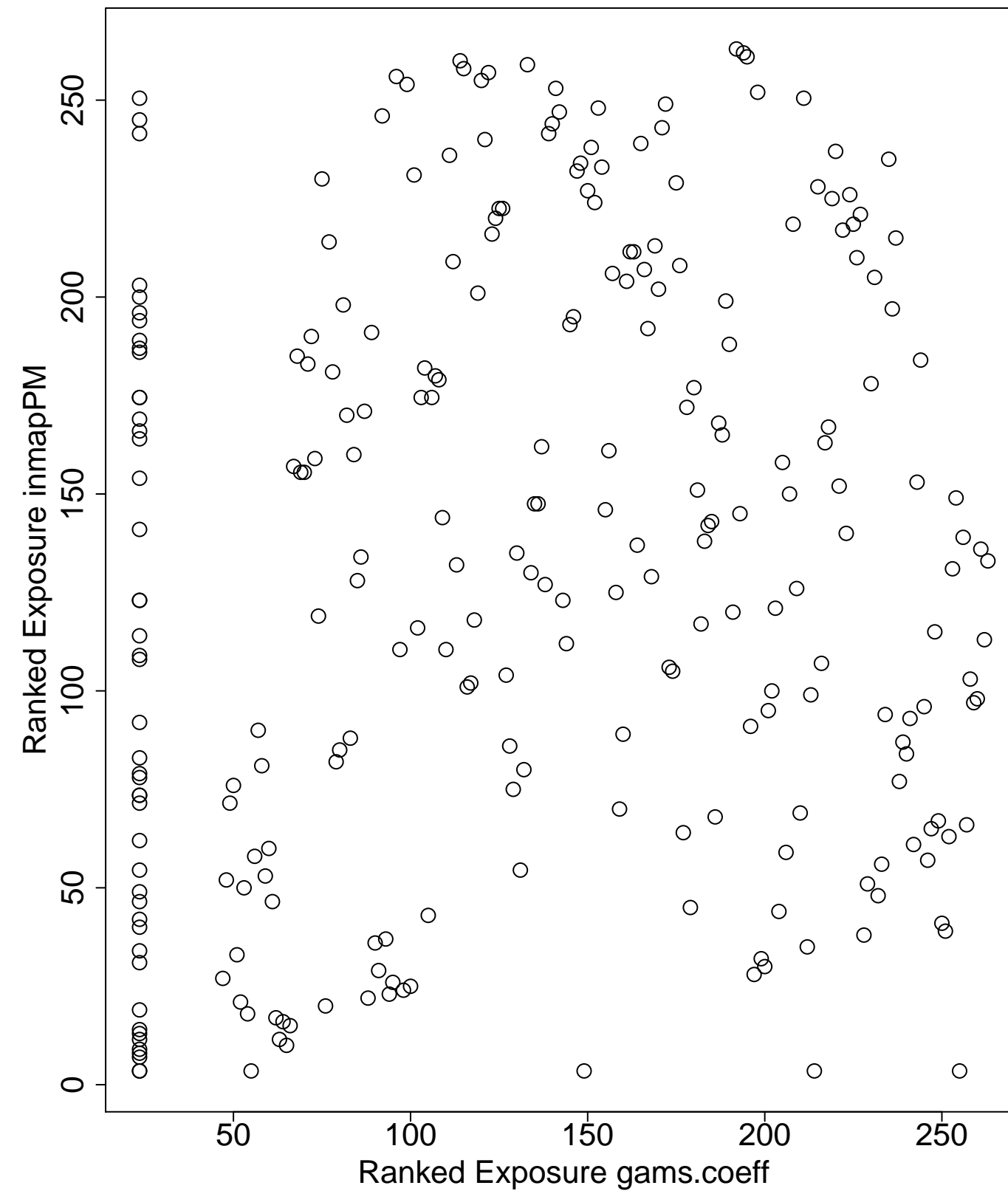
Highest exposed: annual coal emissions (lnMAP)



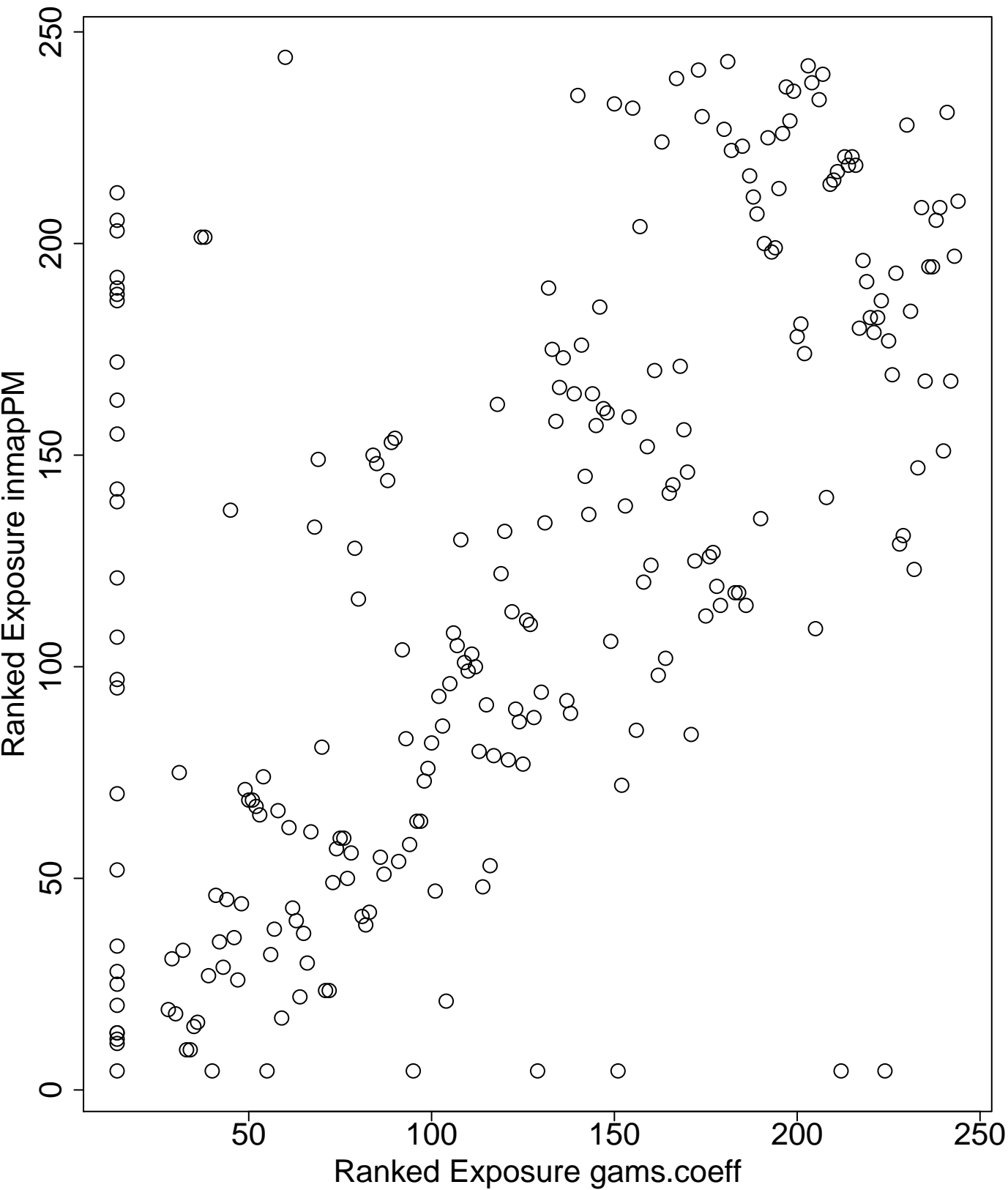
Northeast correlation = 0.14



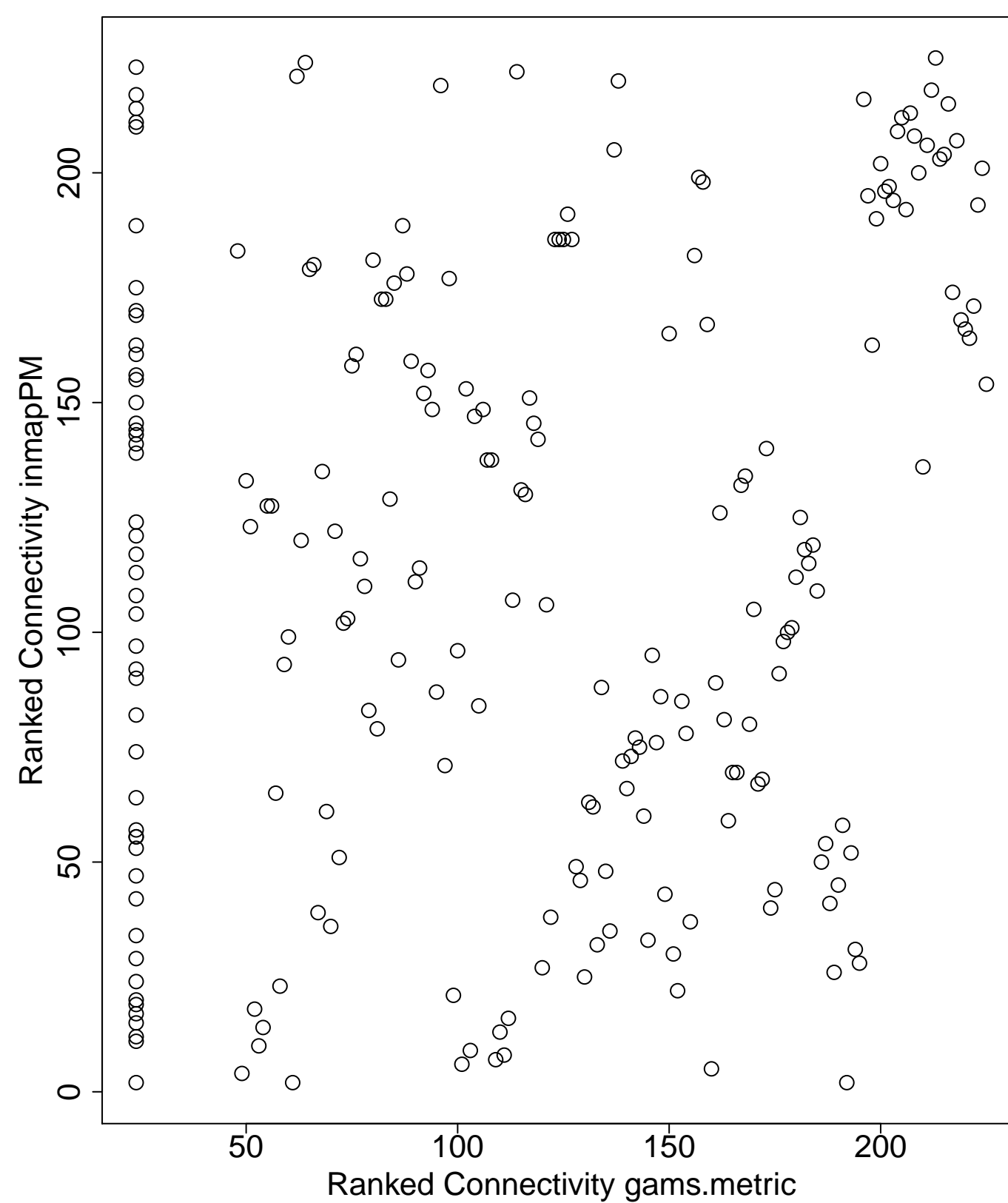
Southeast correlation = 0.08



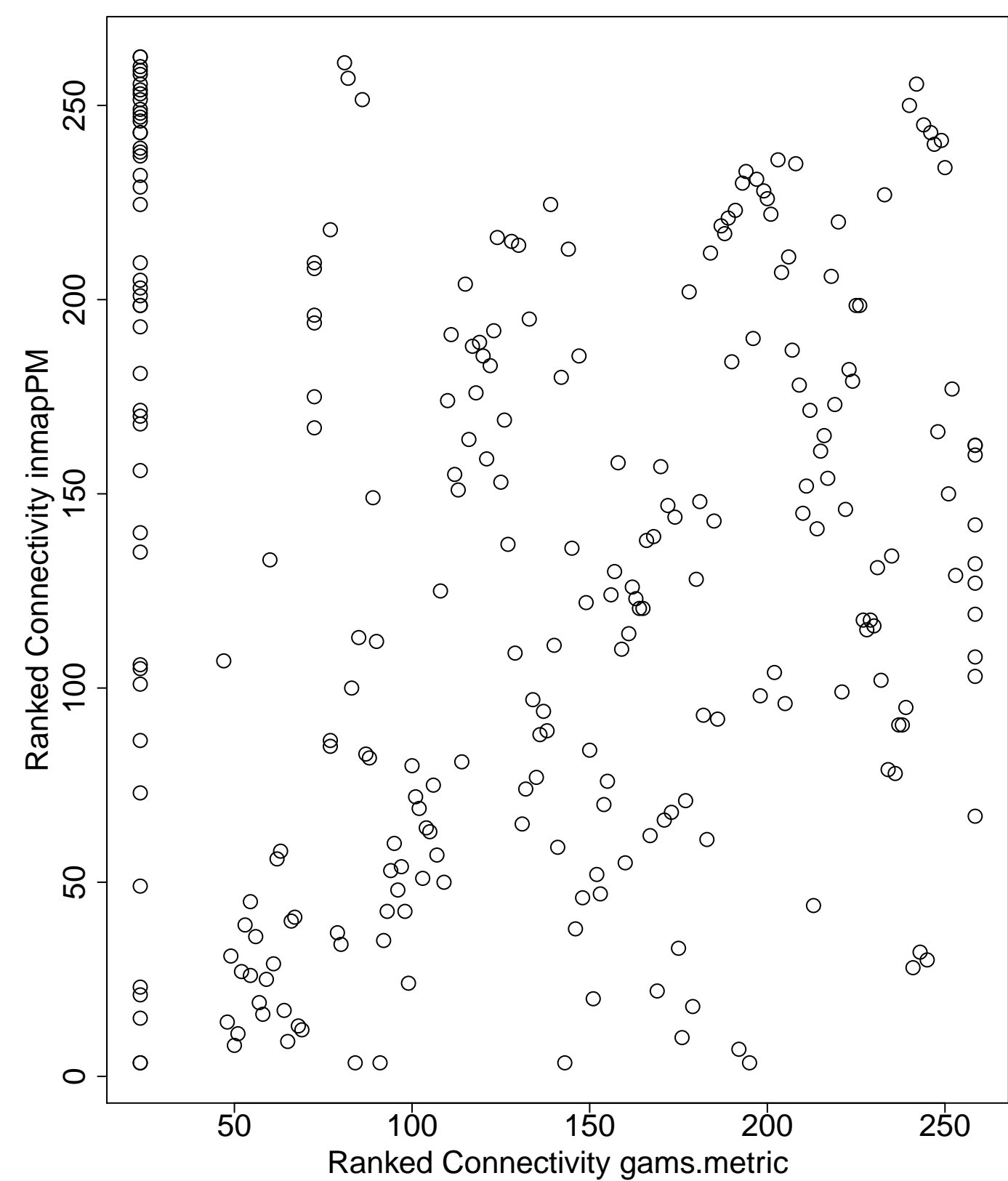
IndustrialMidwest correlation = 0.71



Northeast correlation = 0.18



Southeast correlation = 0.04



IndustrialMidwest correlation = 0.36

