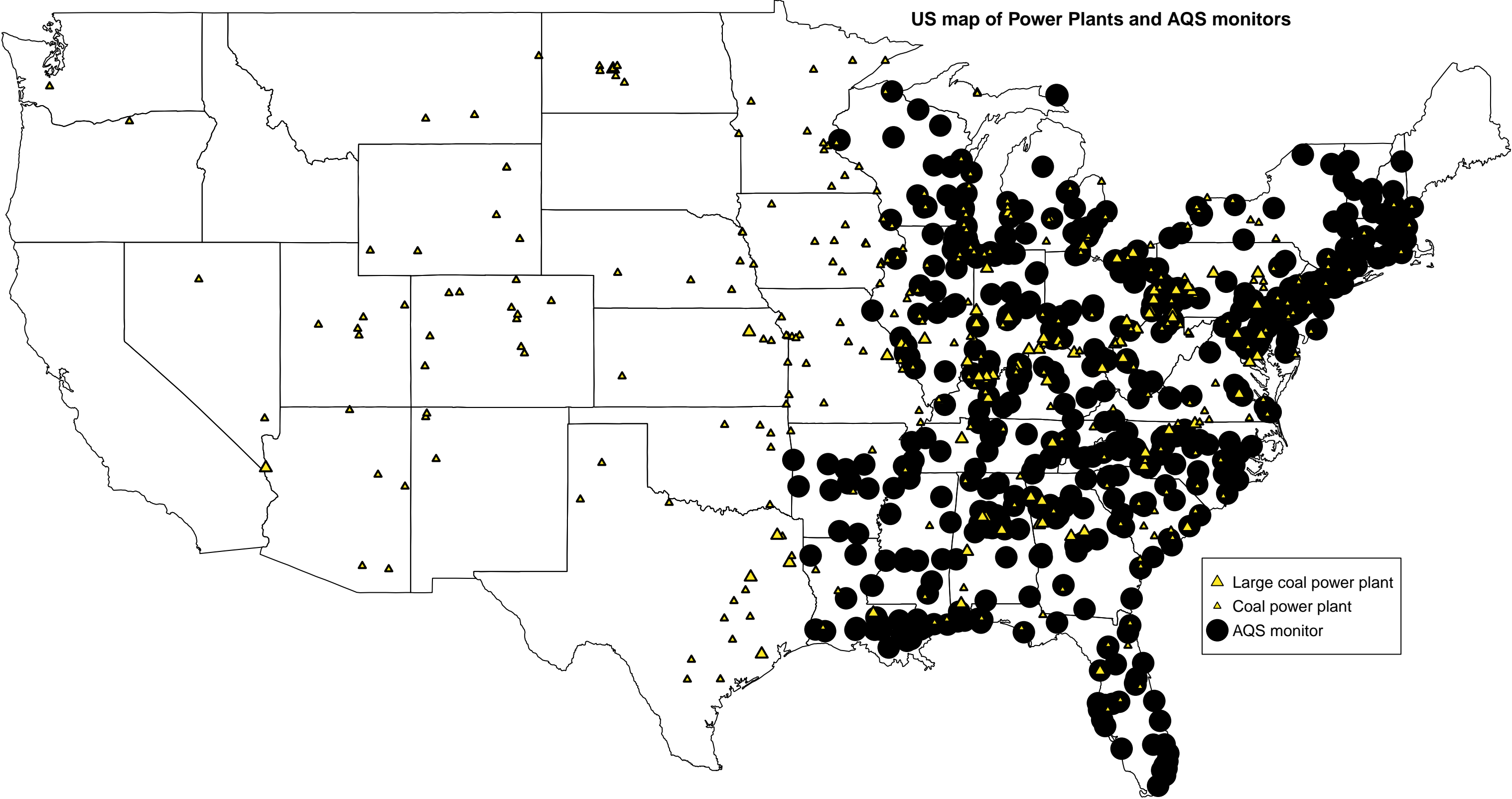
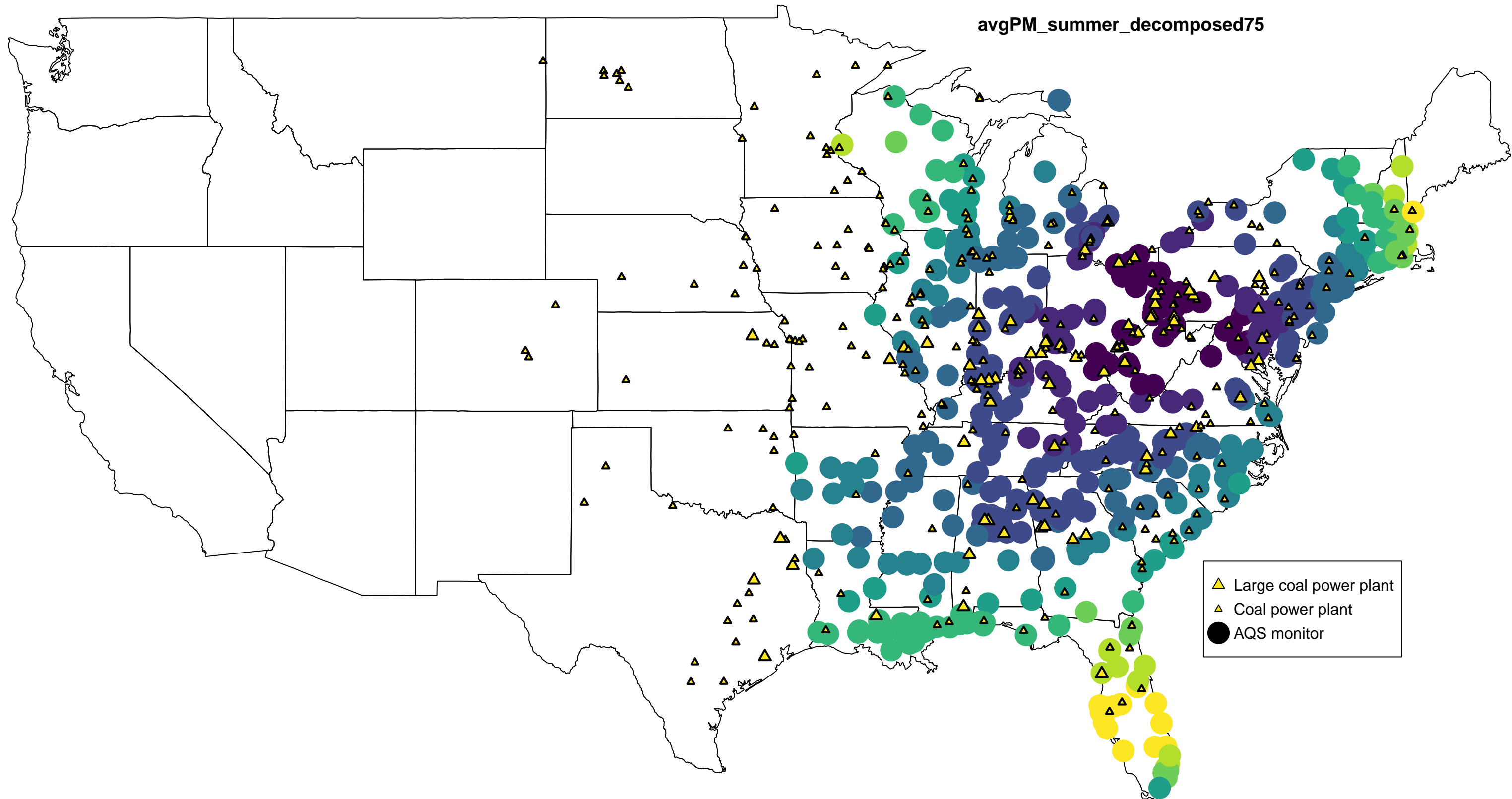
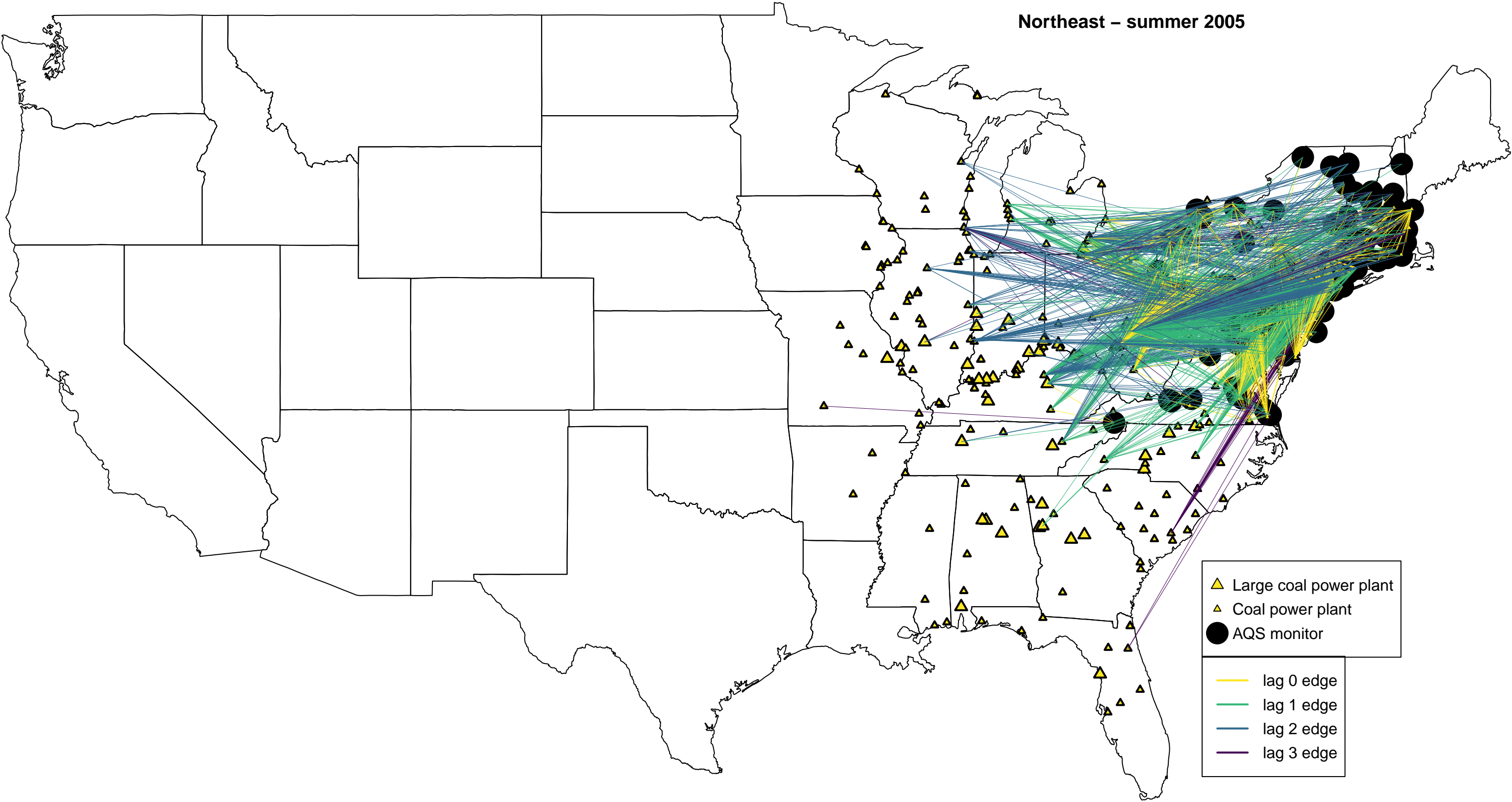


US map of Power Plants and AQS monitors

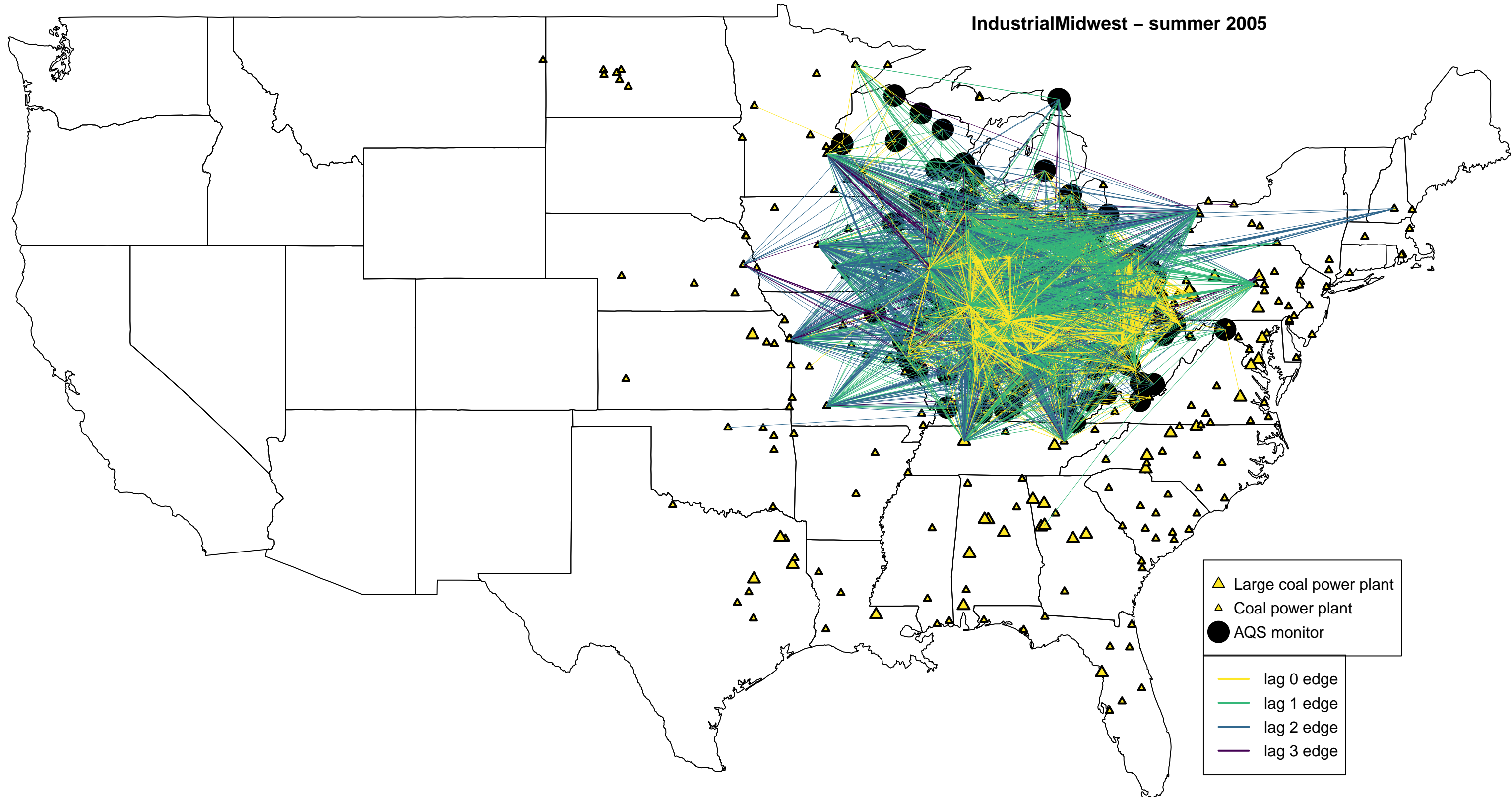




Northeast – summer 2005

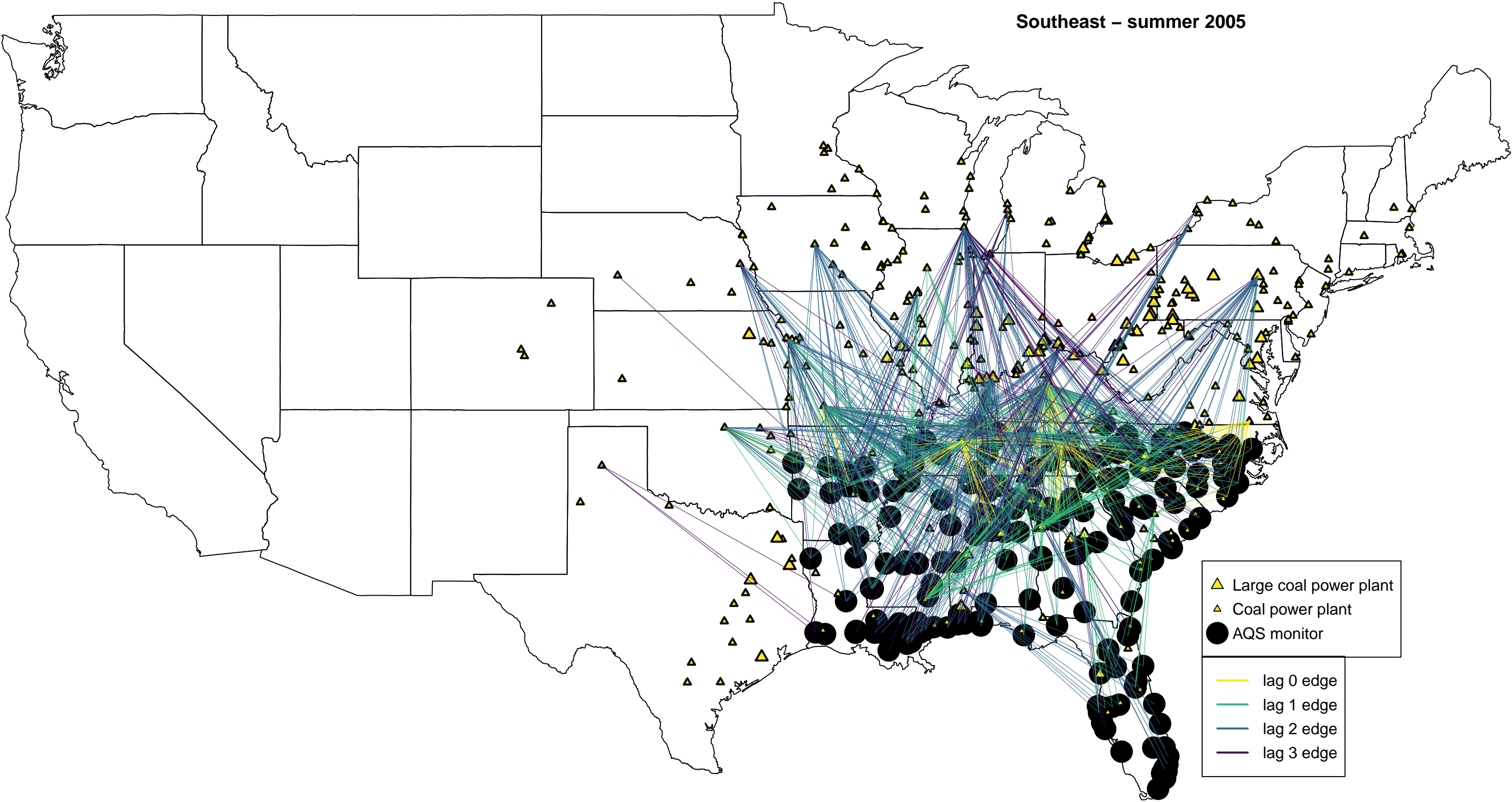


IndustrialMidwest – summer 2005

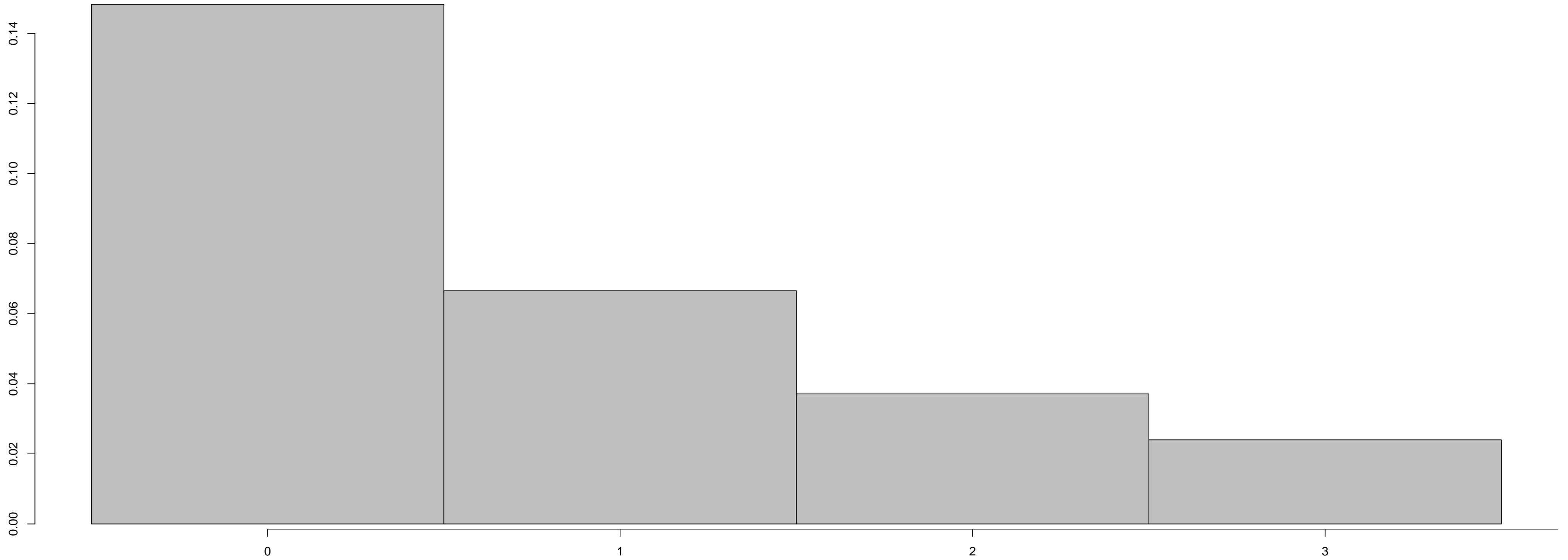




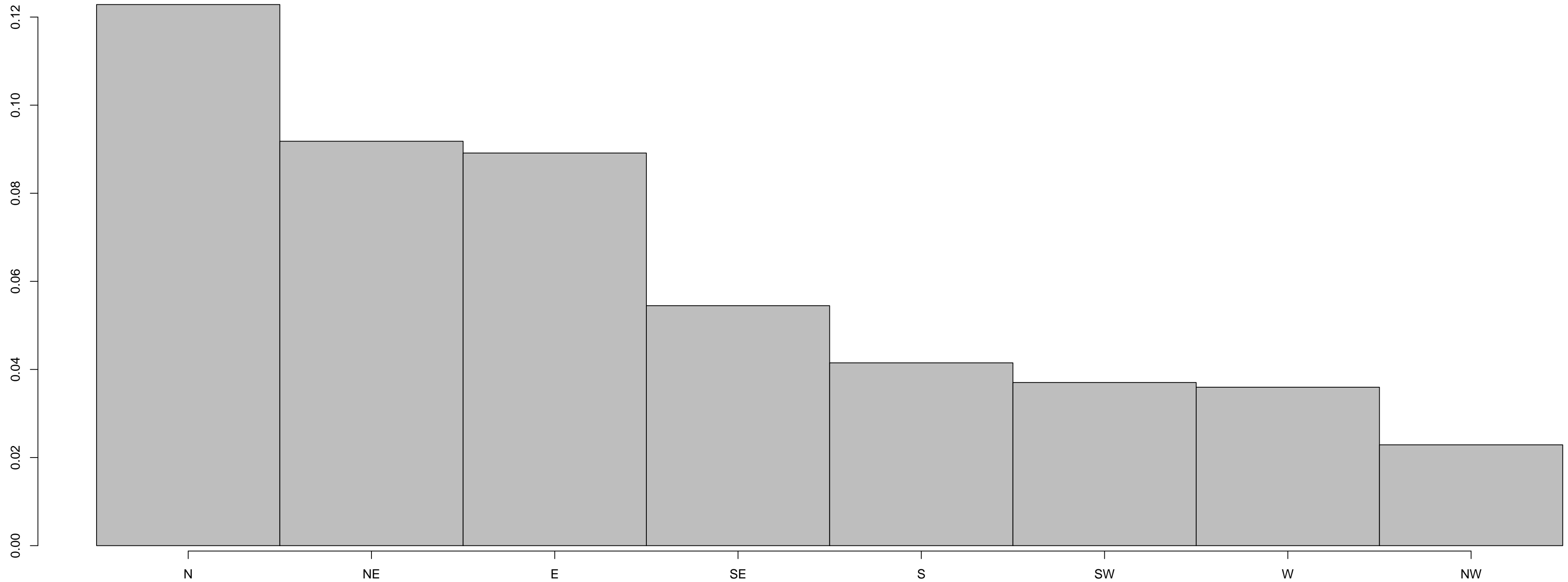
Southeast – summer 2005



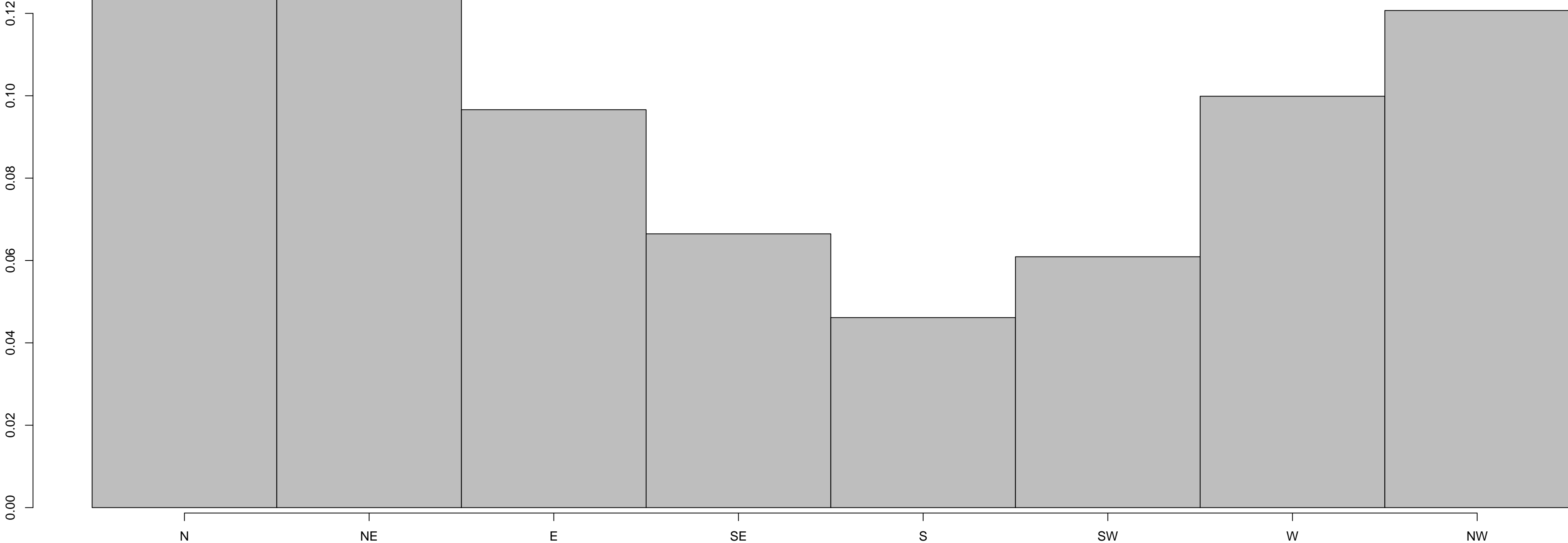
Edge Probability by Lag



Edge Probability by Direction from Power Plant to Receptor (Northeast Power Plants)

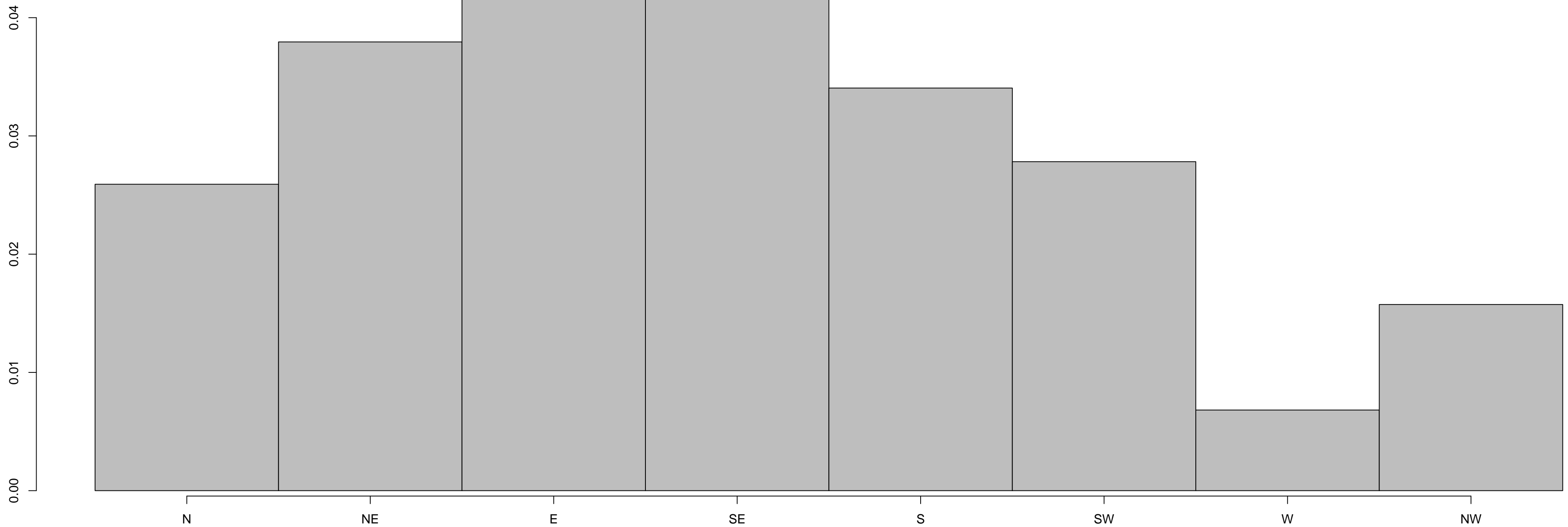


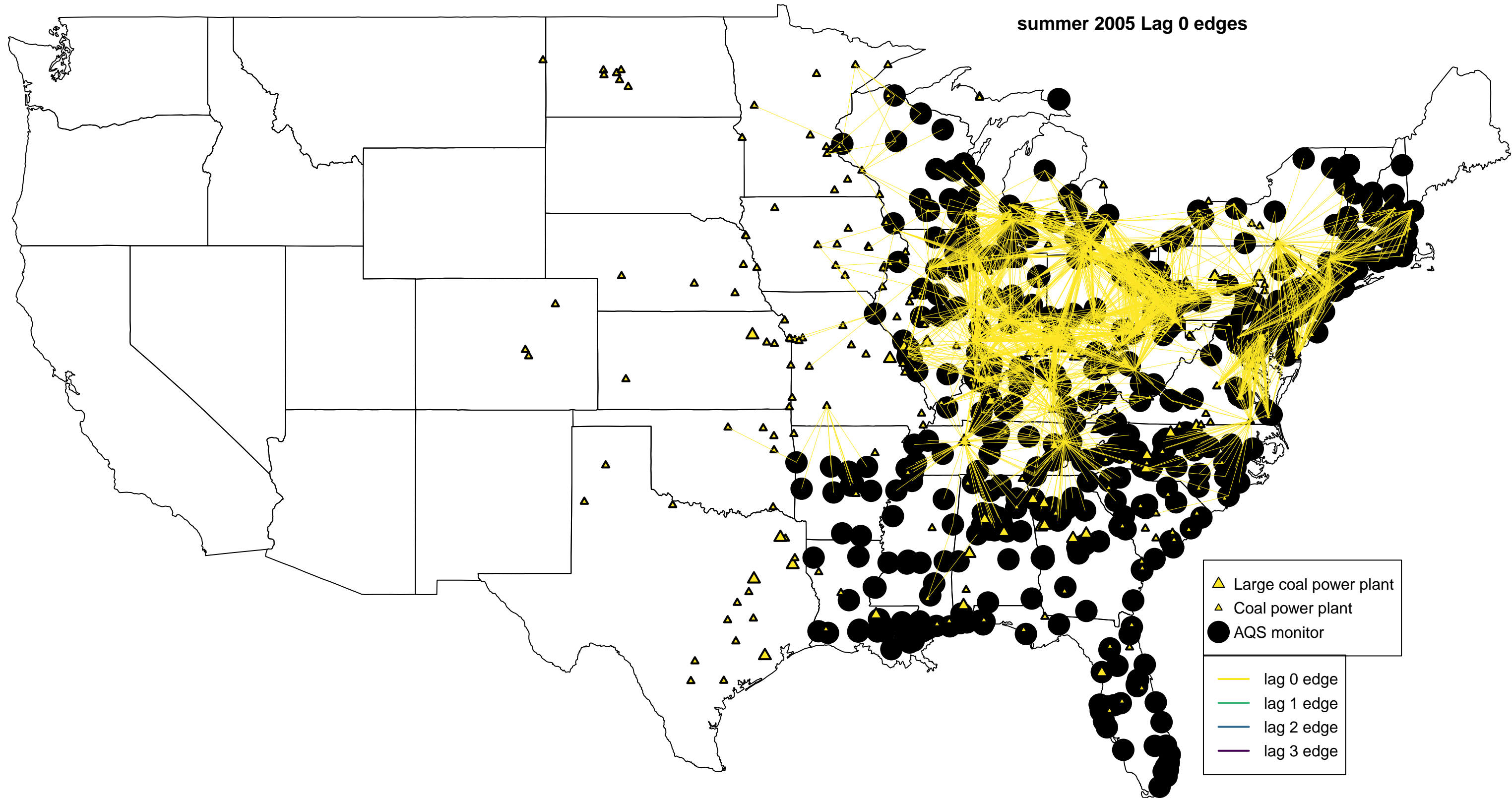
Edge Probability by Direction from Power Plant to Receptor (IndustrialMidwest Power Plants)

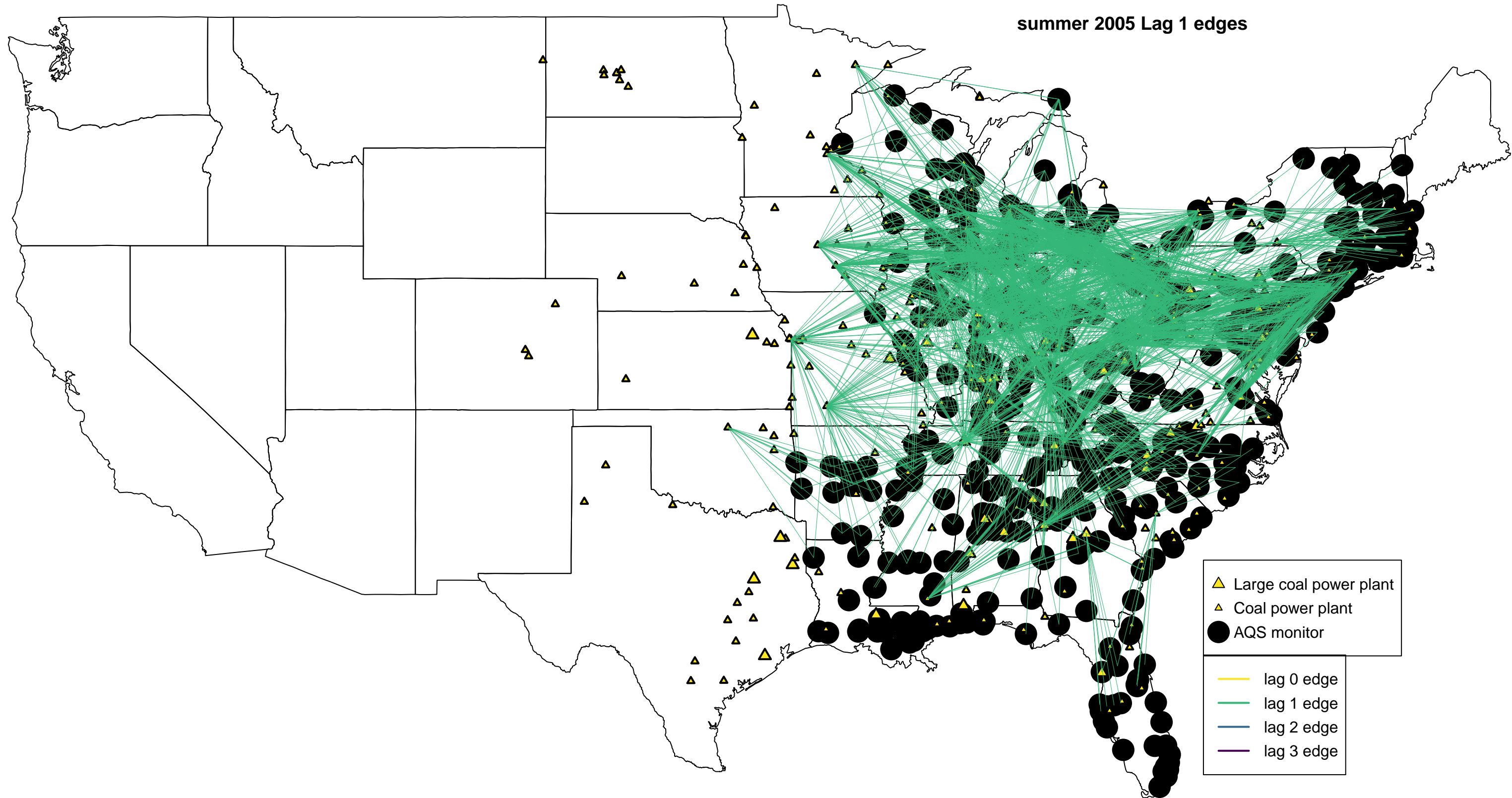




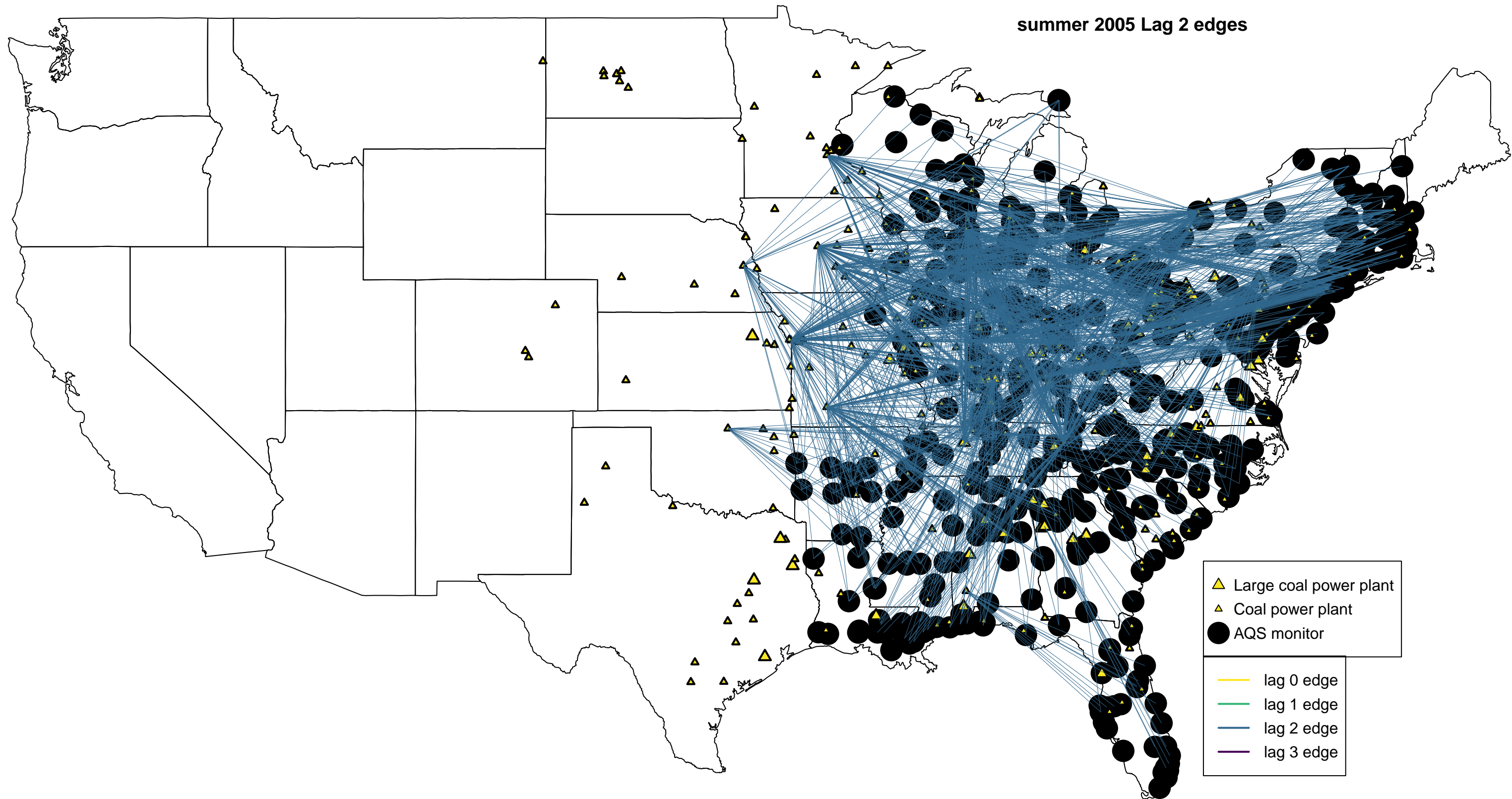
Edge Probability by Direction from Power Plant to Receptor (Southeast Power Plants)

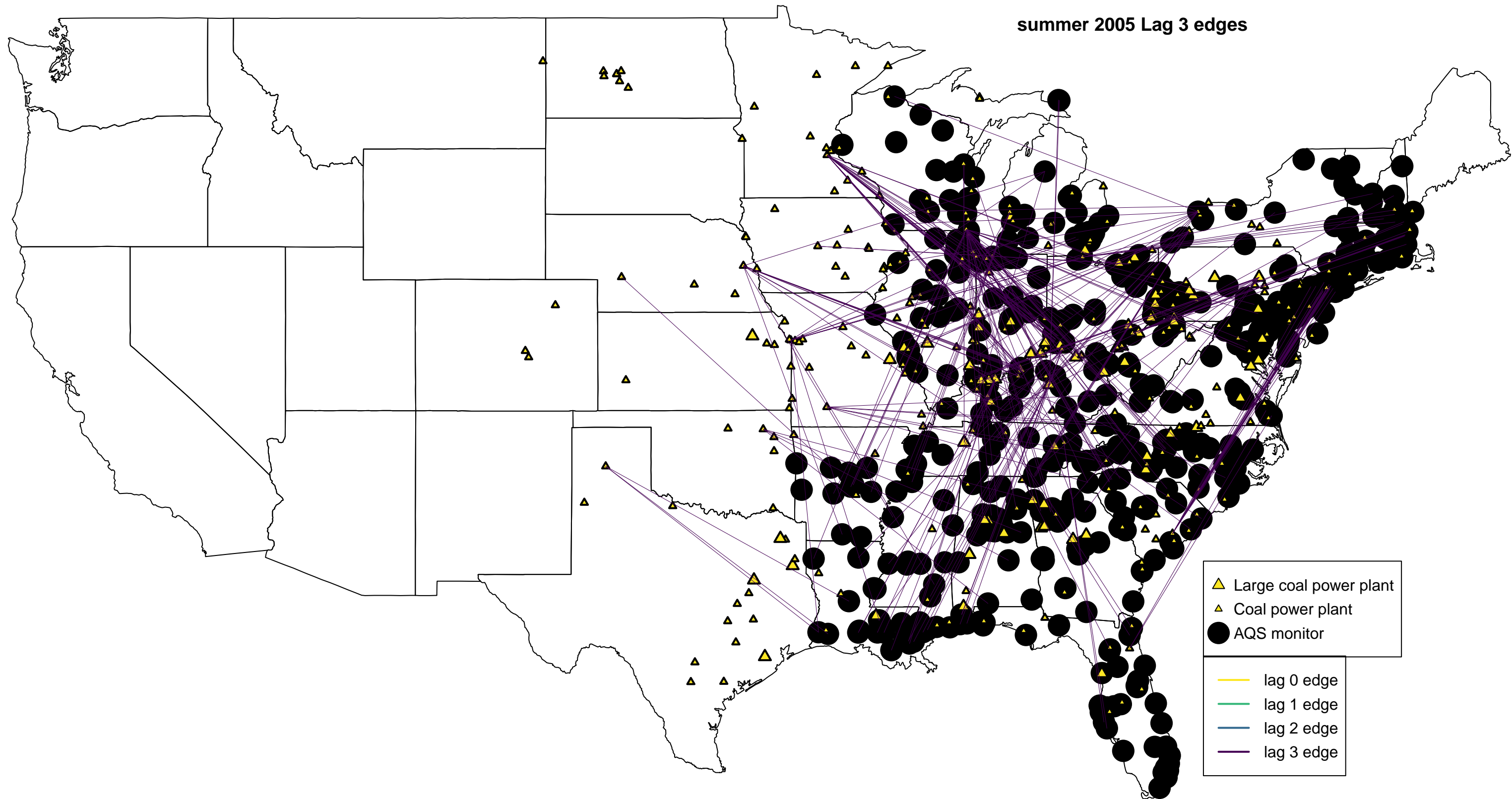






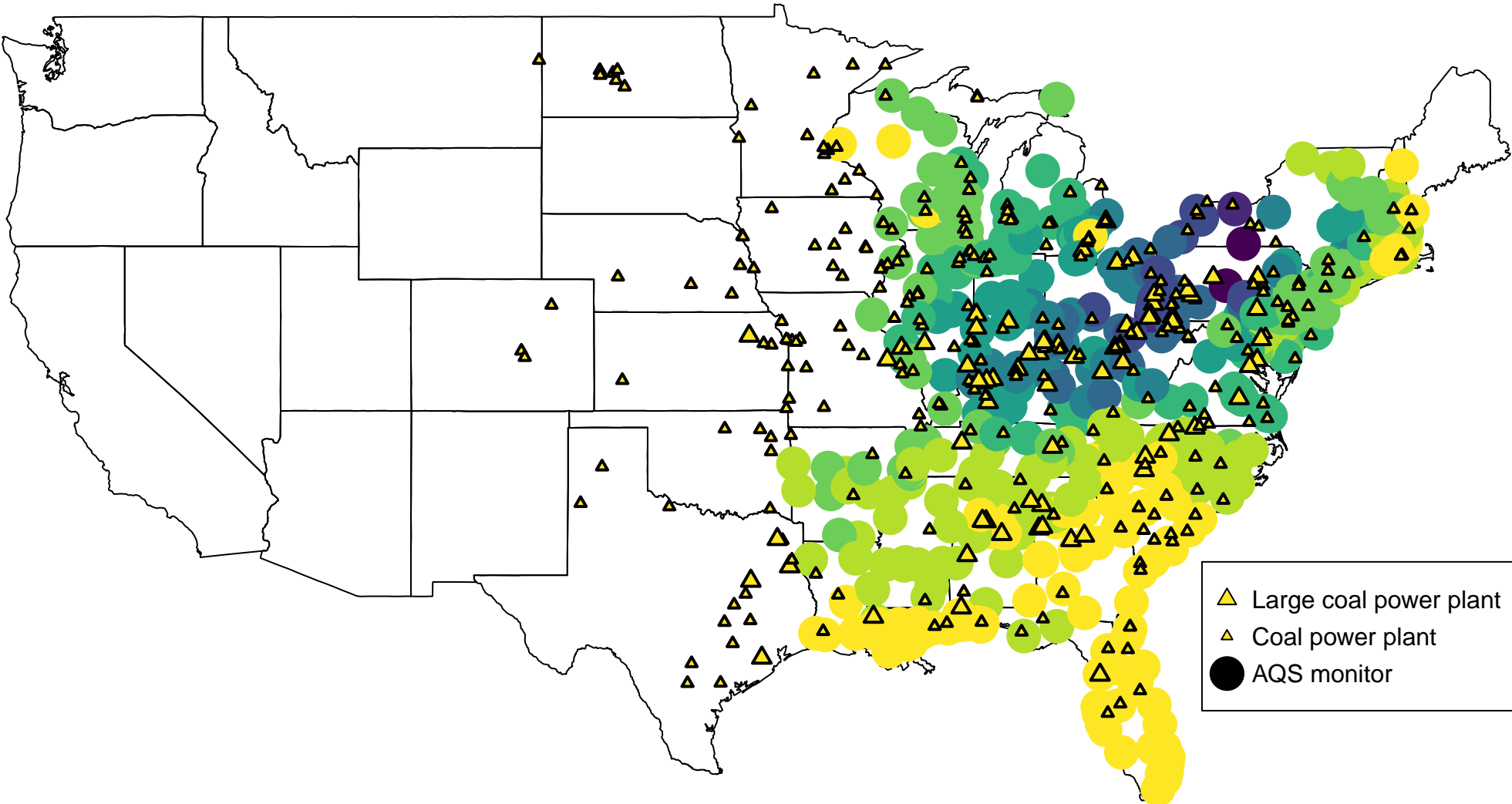




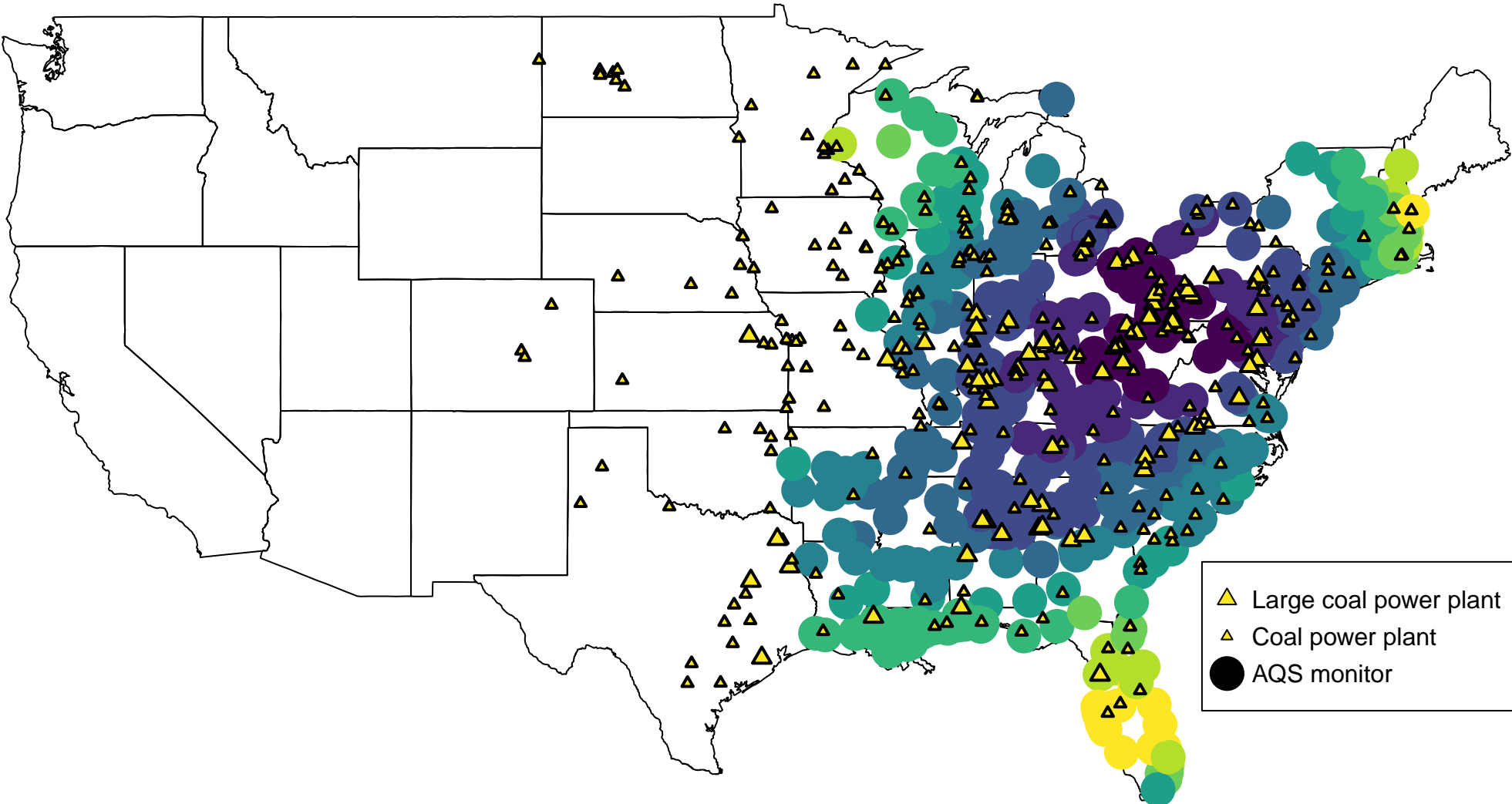




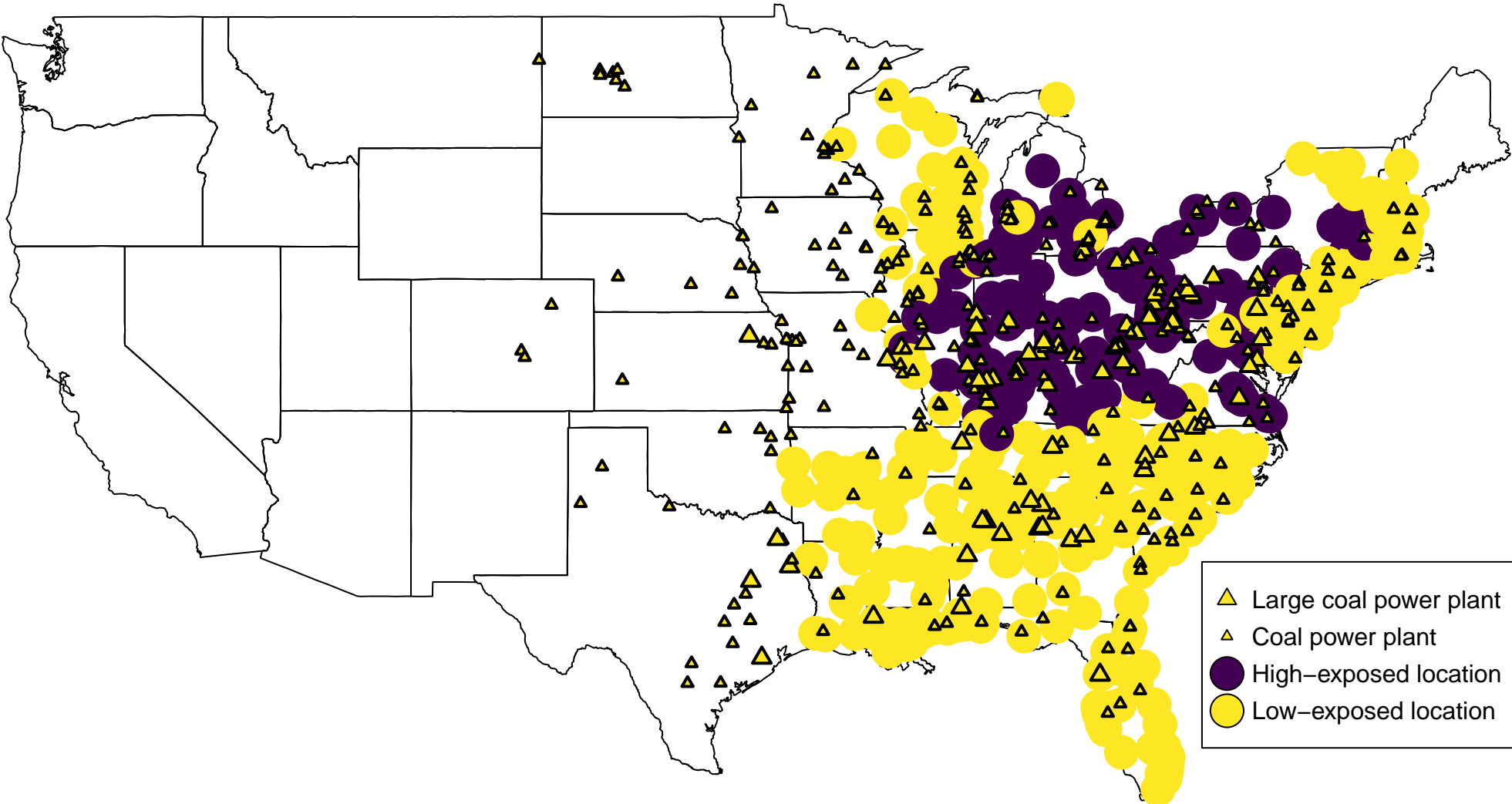
sum of gams.coeff summer 2005



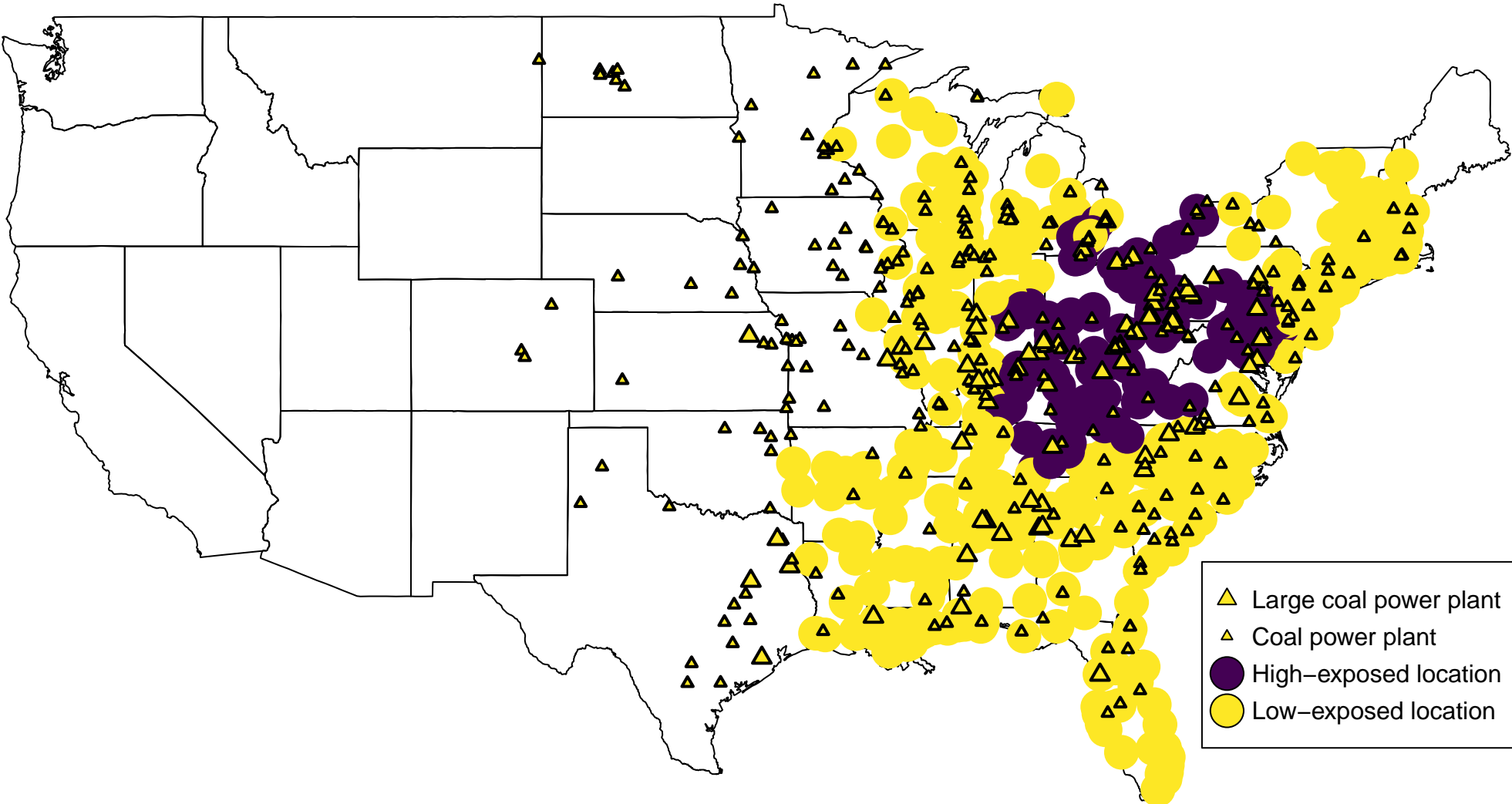
avgPM\_decomposed75 summer 2005



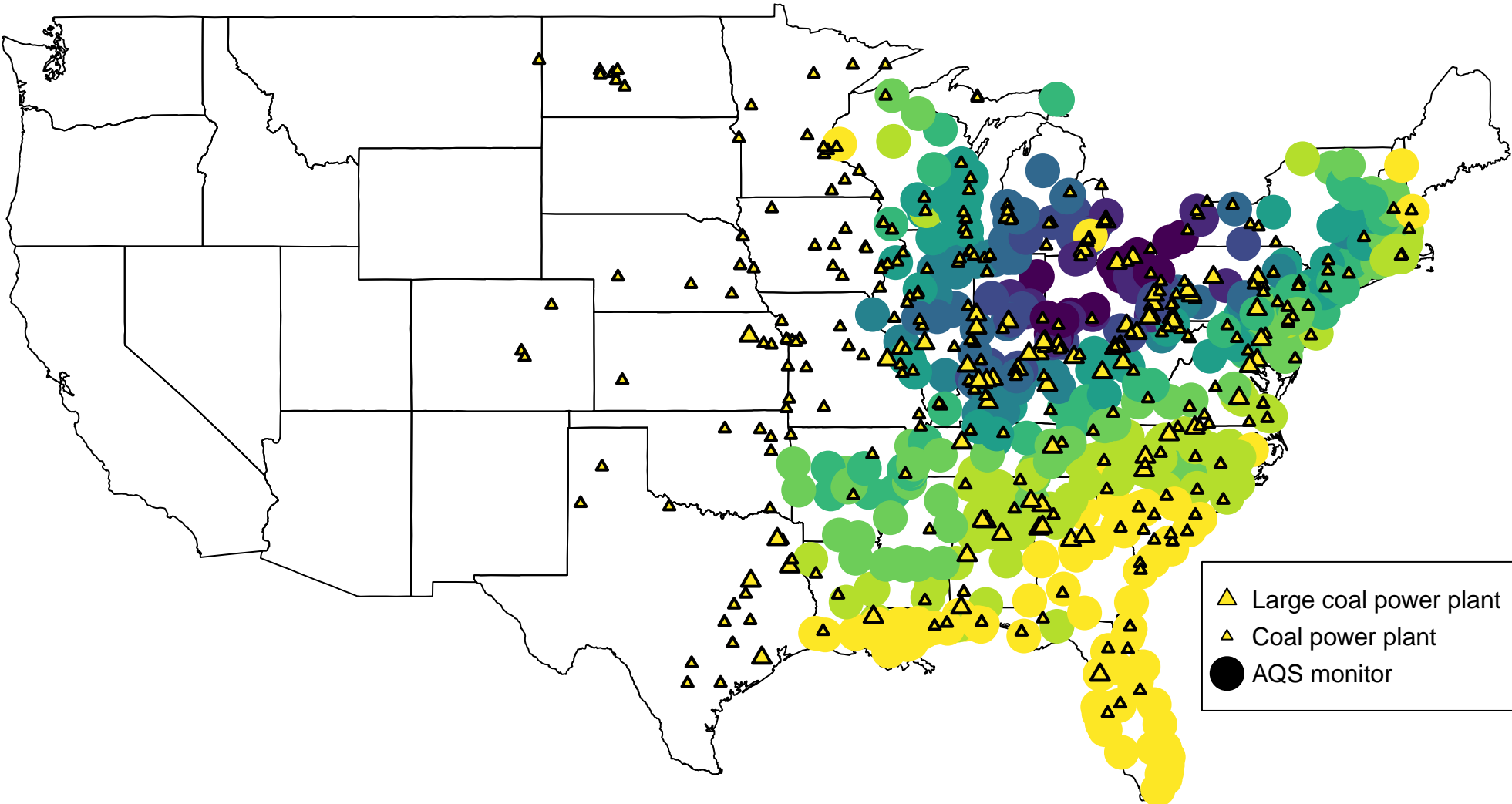
sum of gams.coeff summer 2005



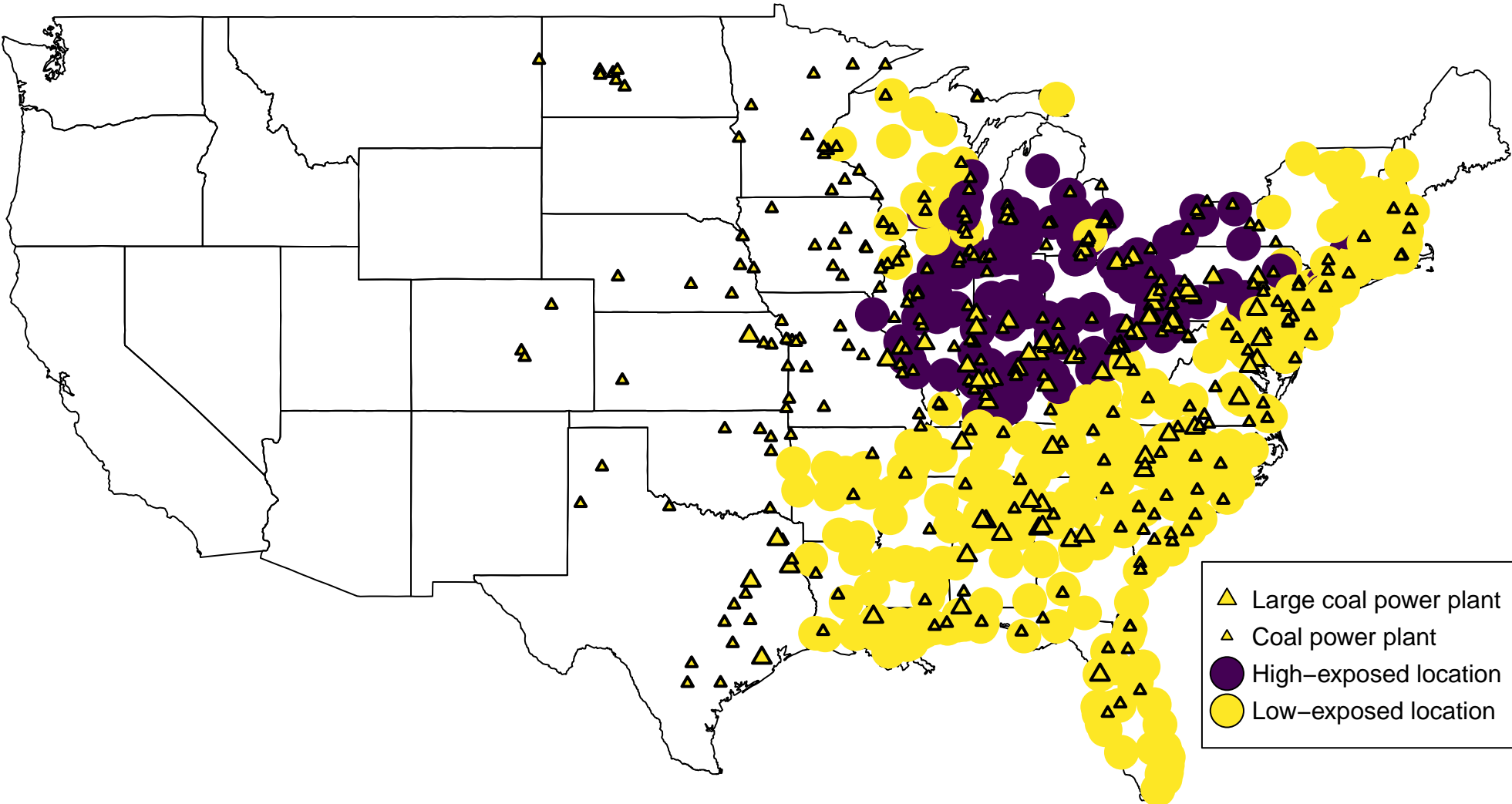
avgPM\_decomposed75 summer 2005



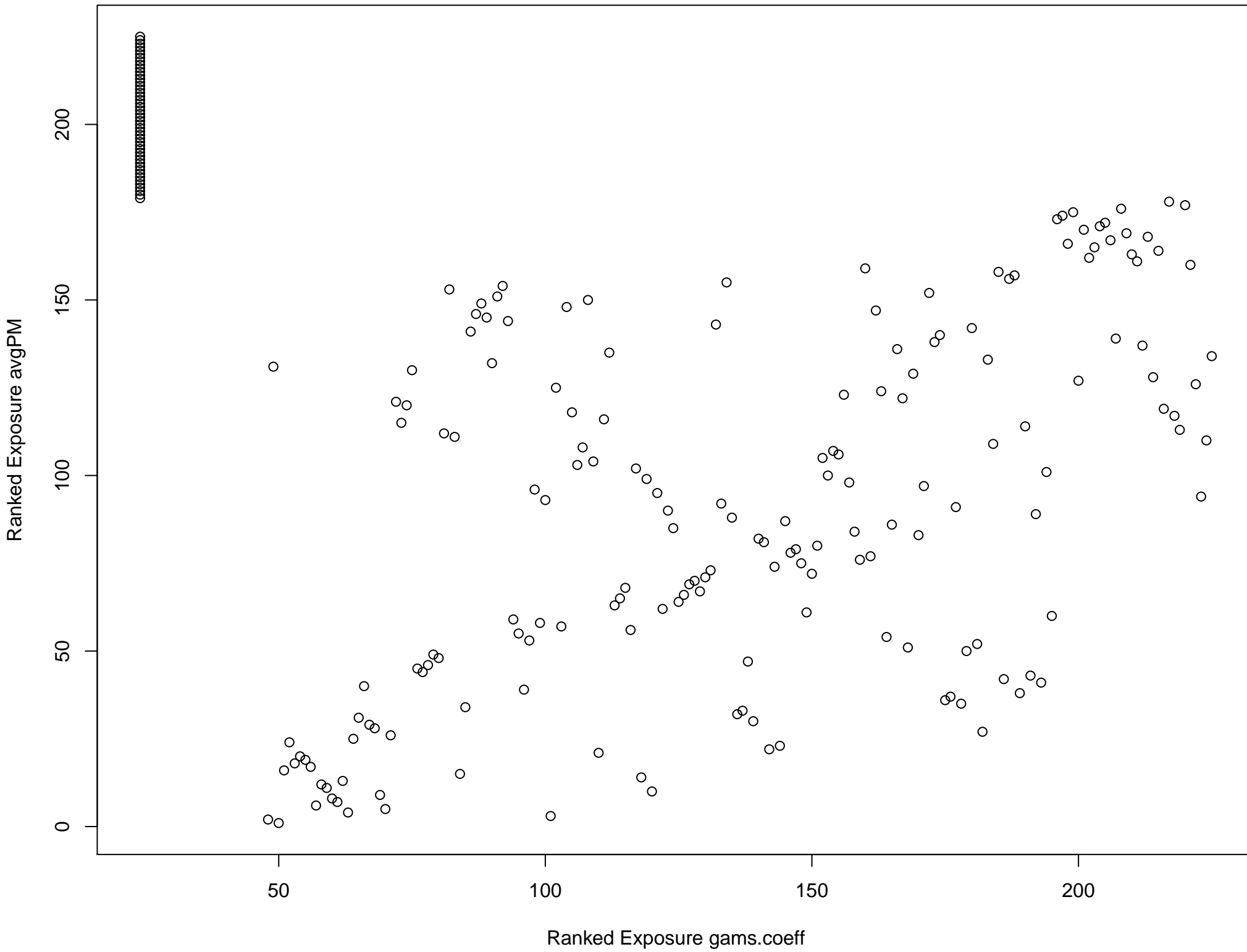
num\_edges summer 2005



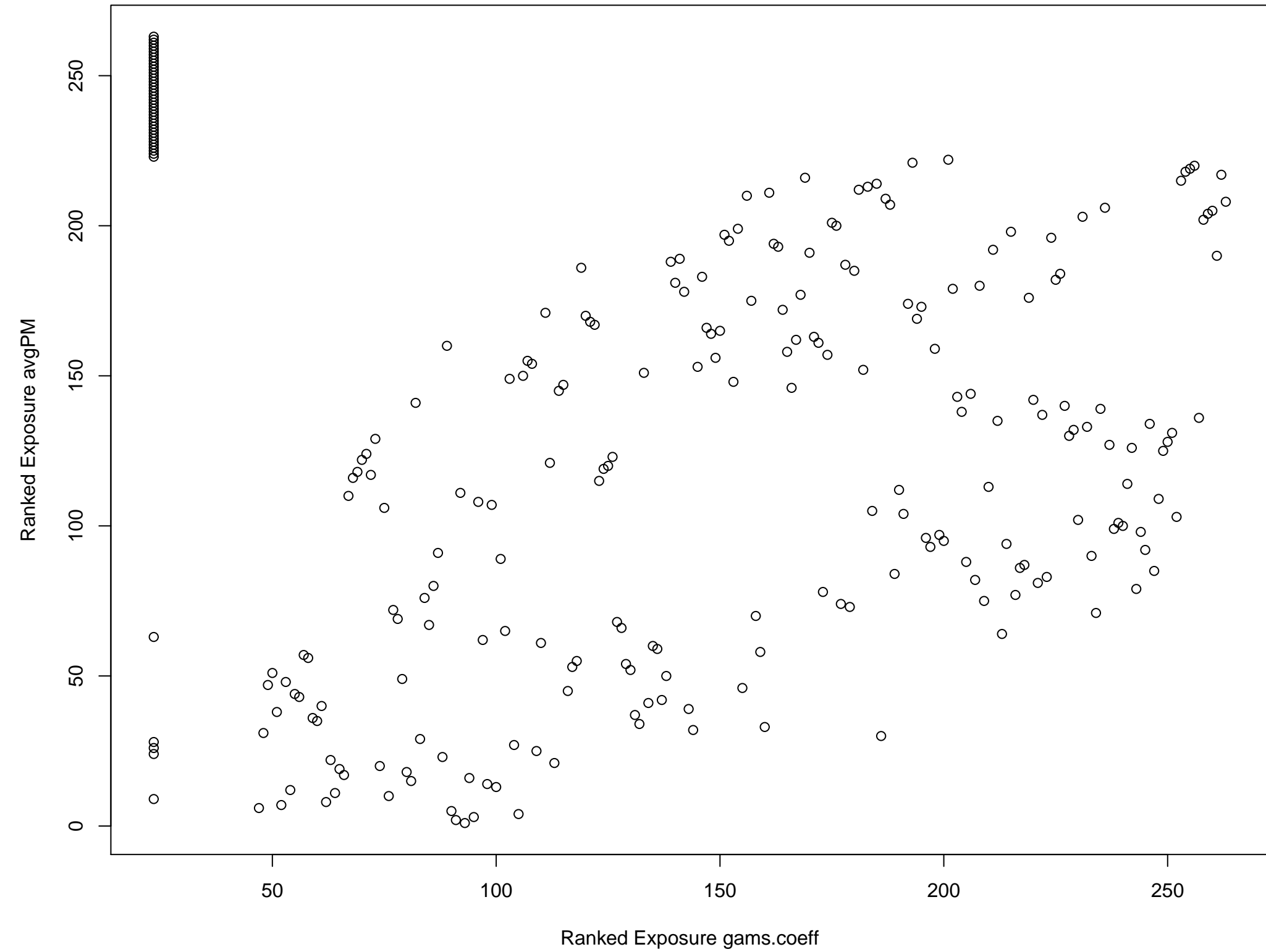
num\_edges summer 2005



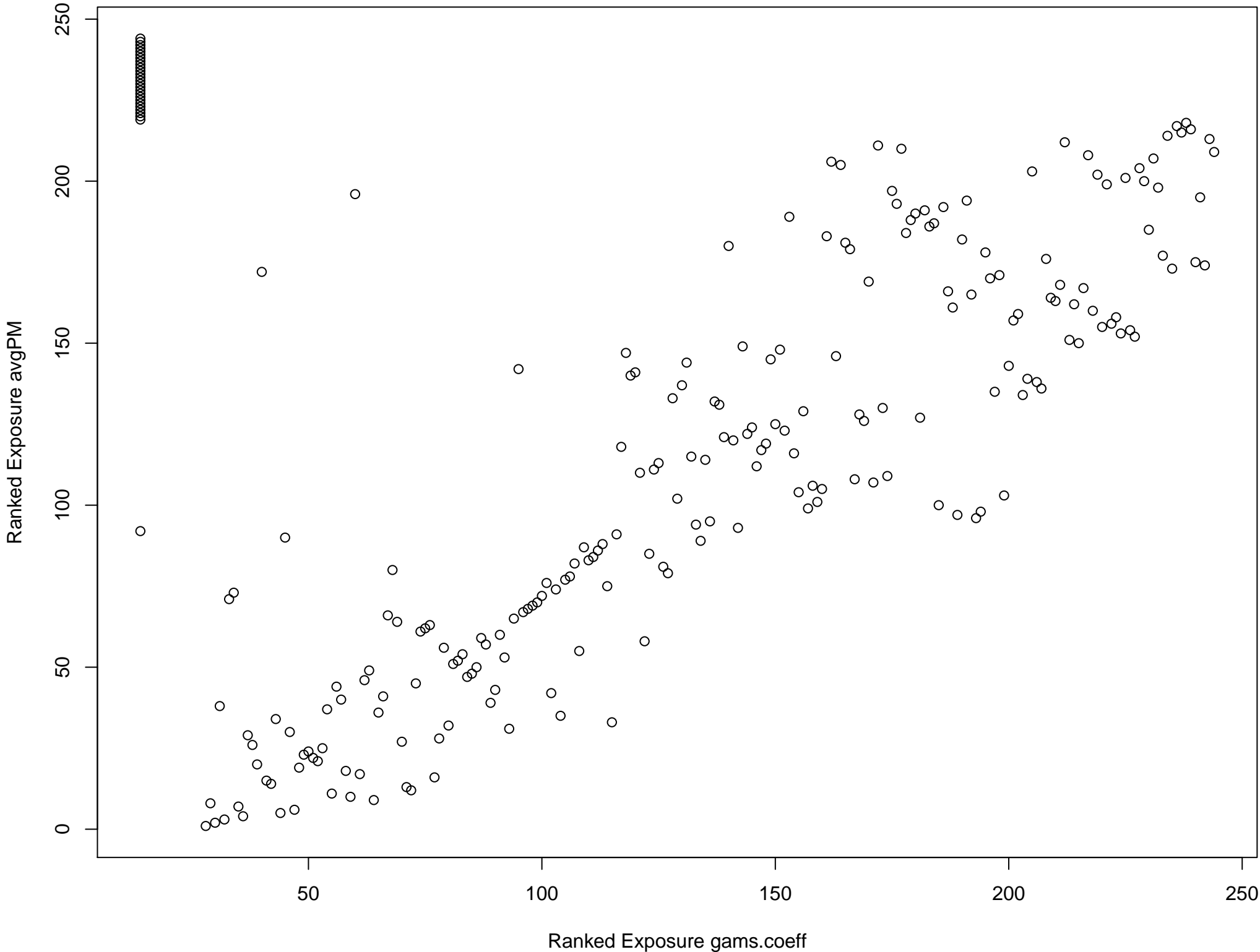
Northeast correlation =  $-0.22$



Southeast correlation =  $-0.05$

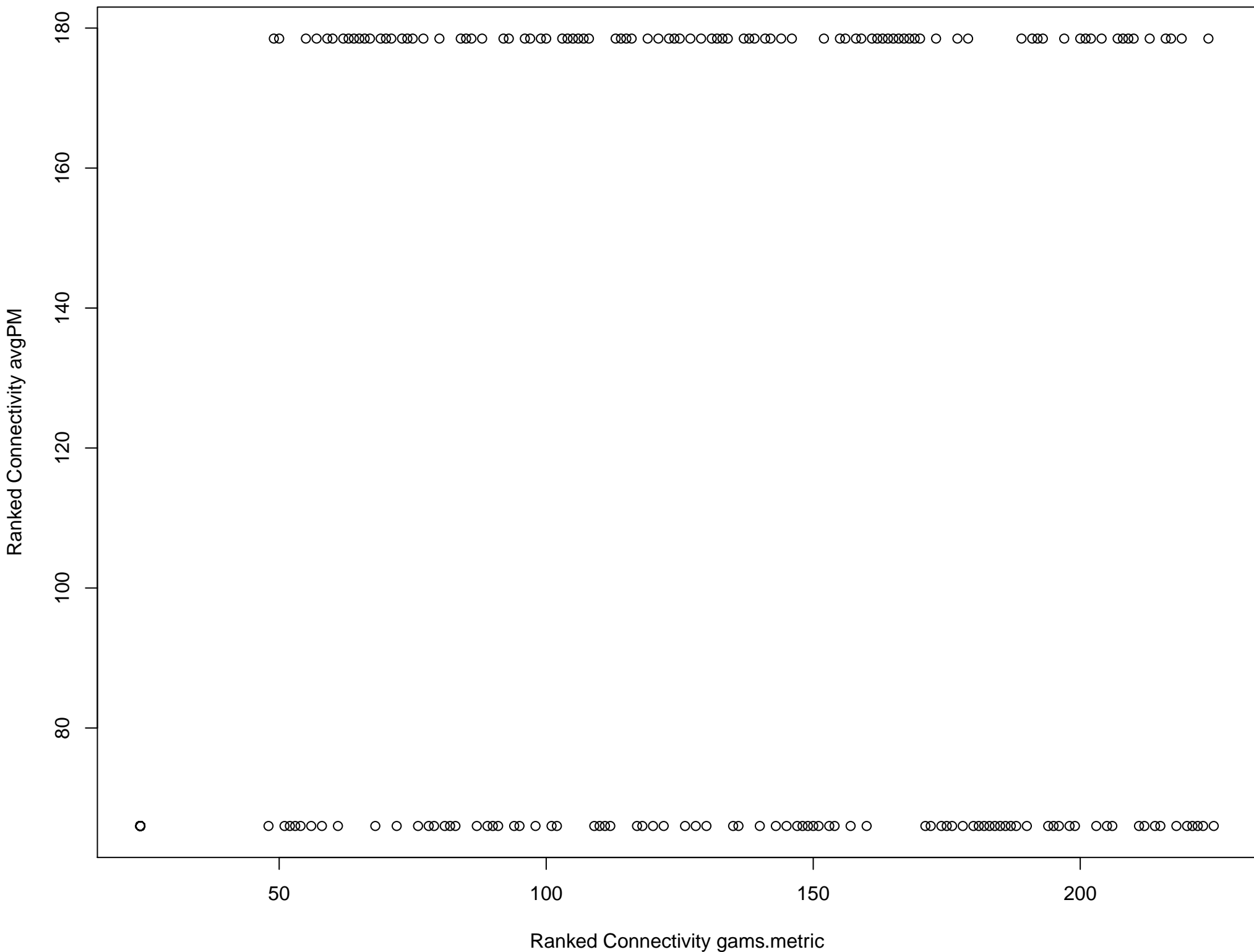


IndustrialMidwest correlation = 0.33

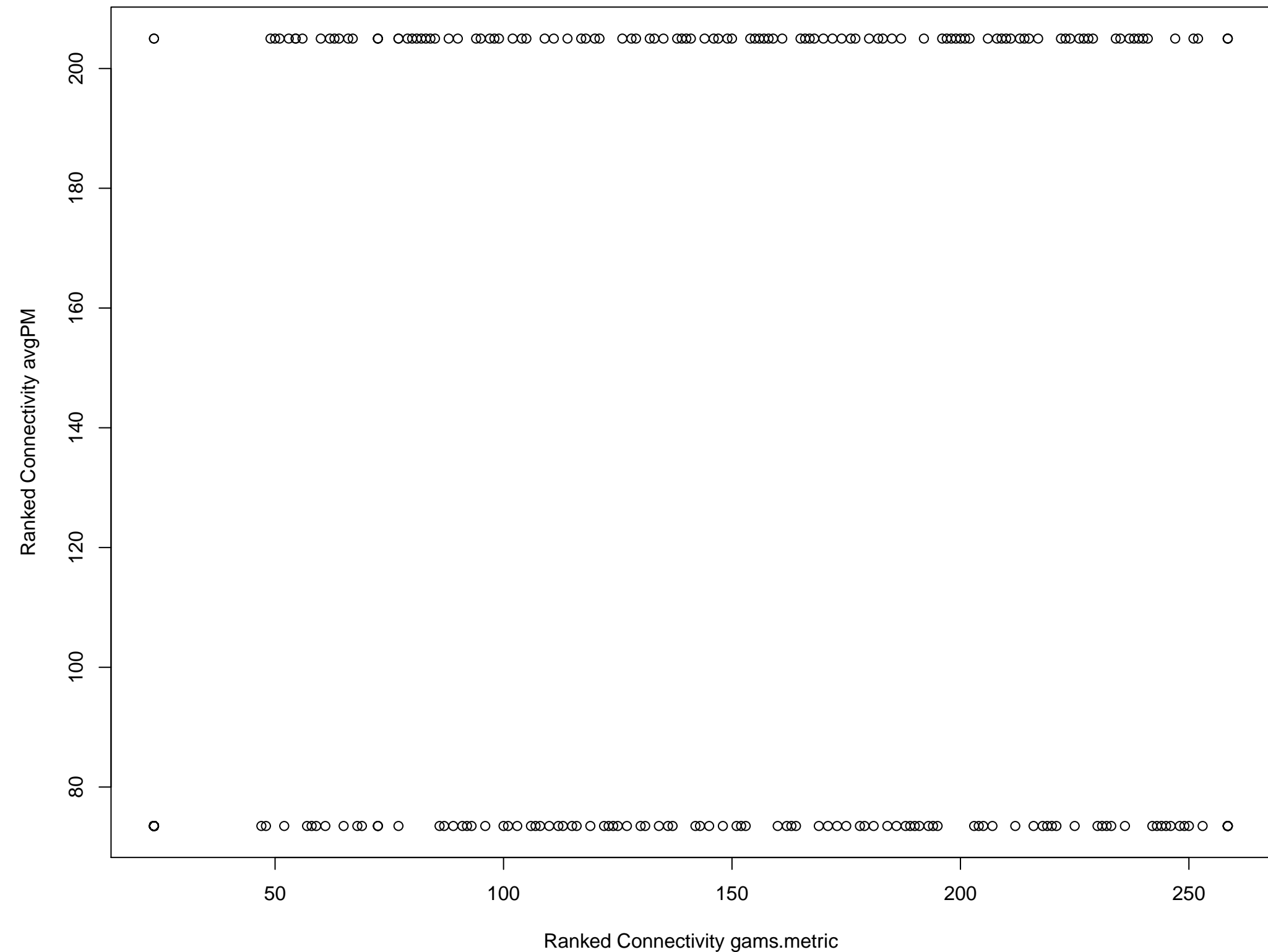




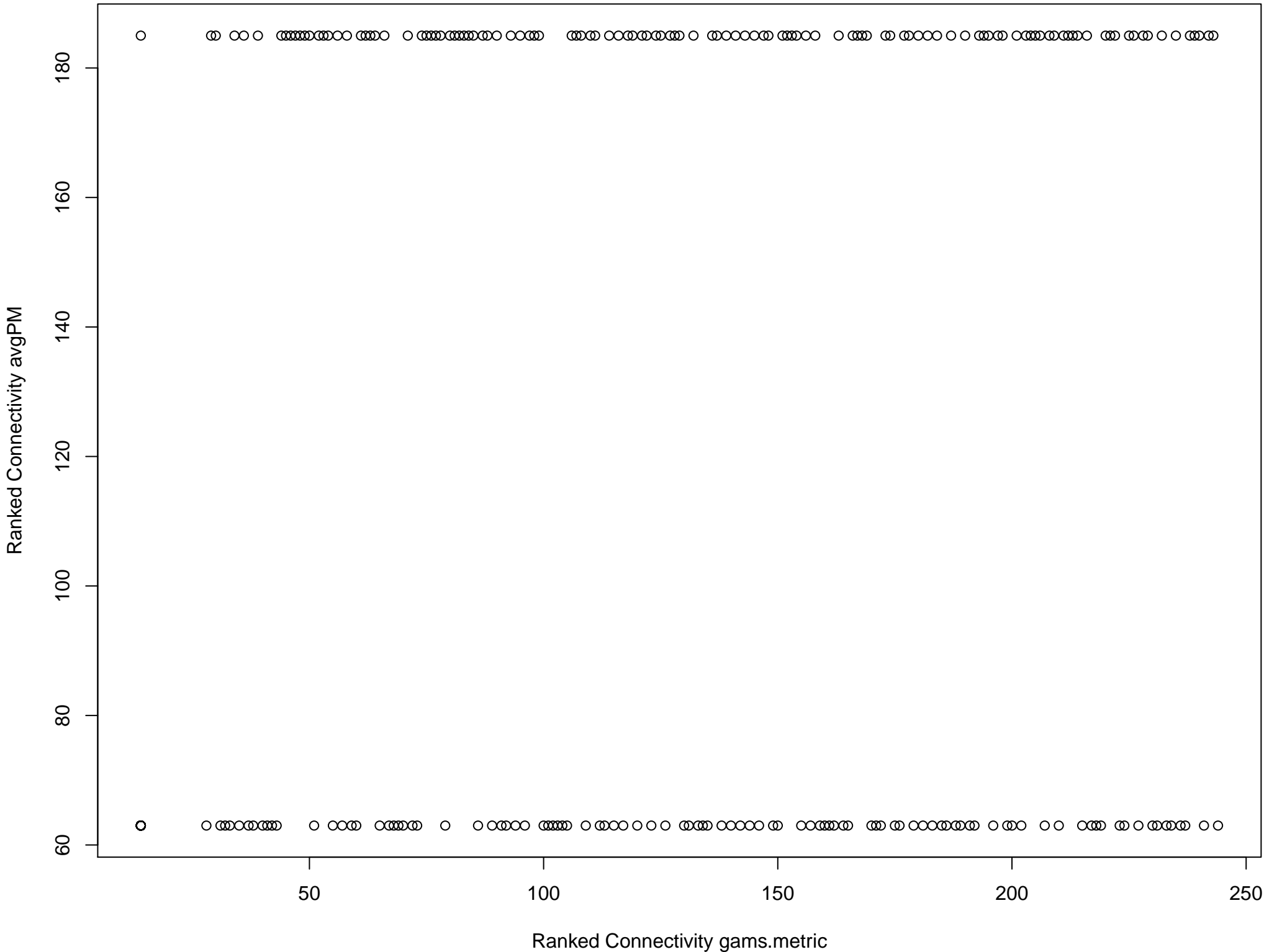
Northeast correlation = 0.24



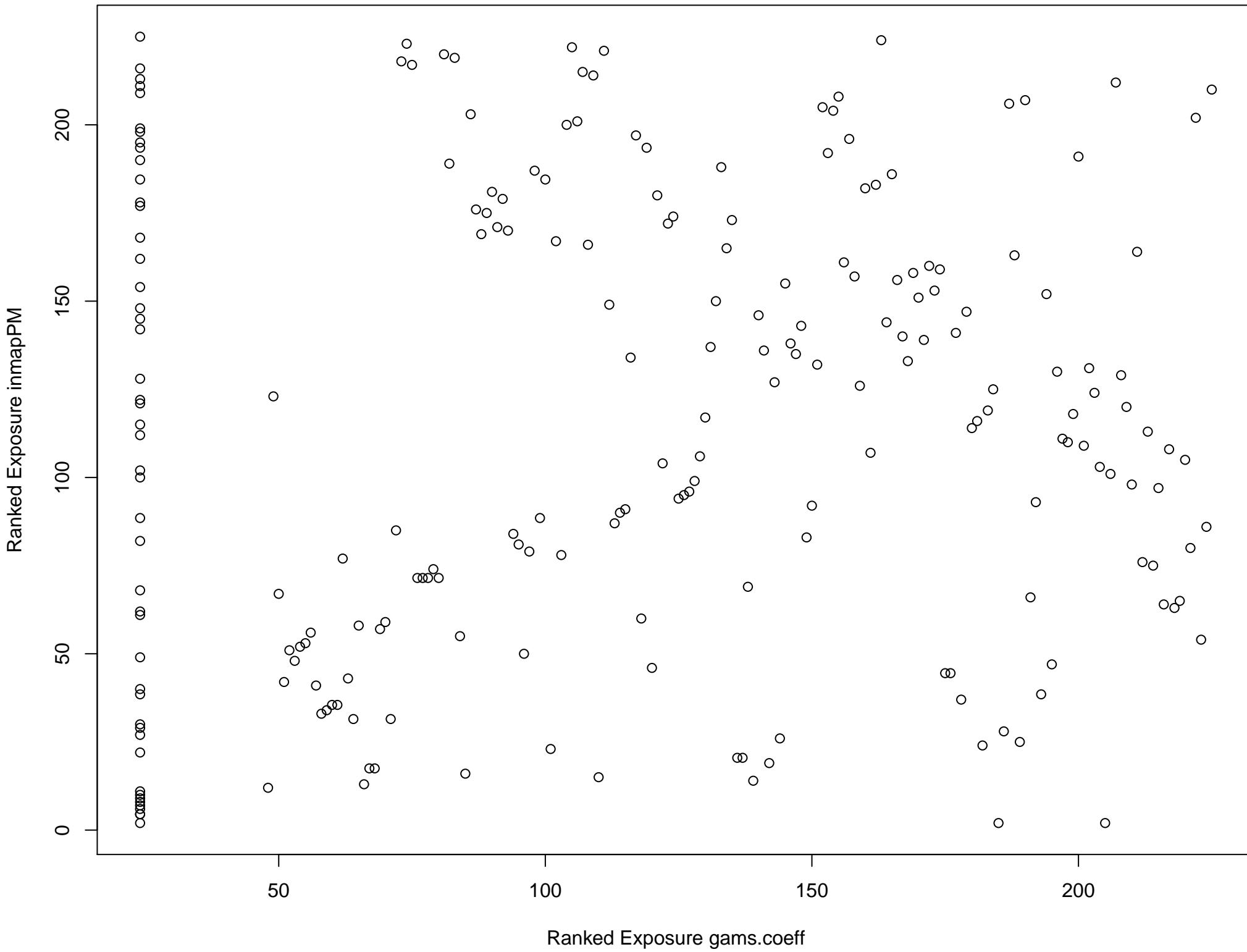
Southeast correlation = 0.2



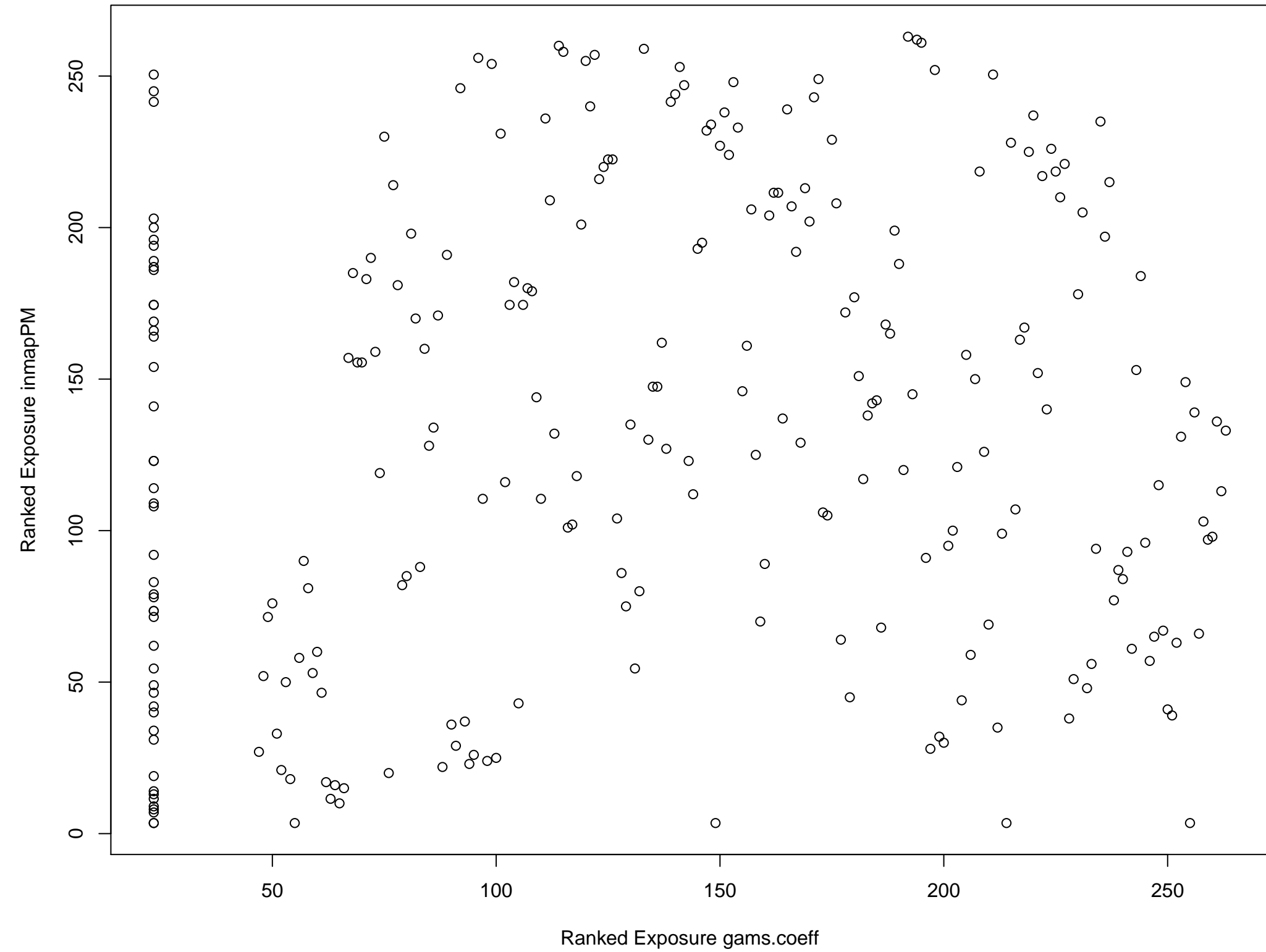
IndustrialMidwest correlation = 0.17



Northeast correlation = 0.12



Southeast correlation = 0.16



IndustrialMidwest correlation = 0.6

