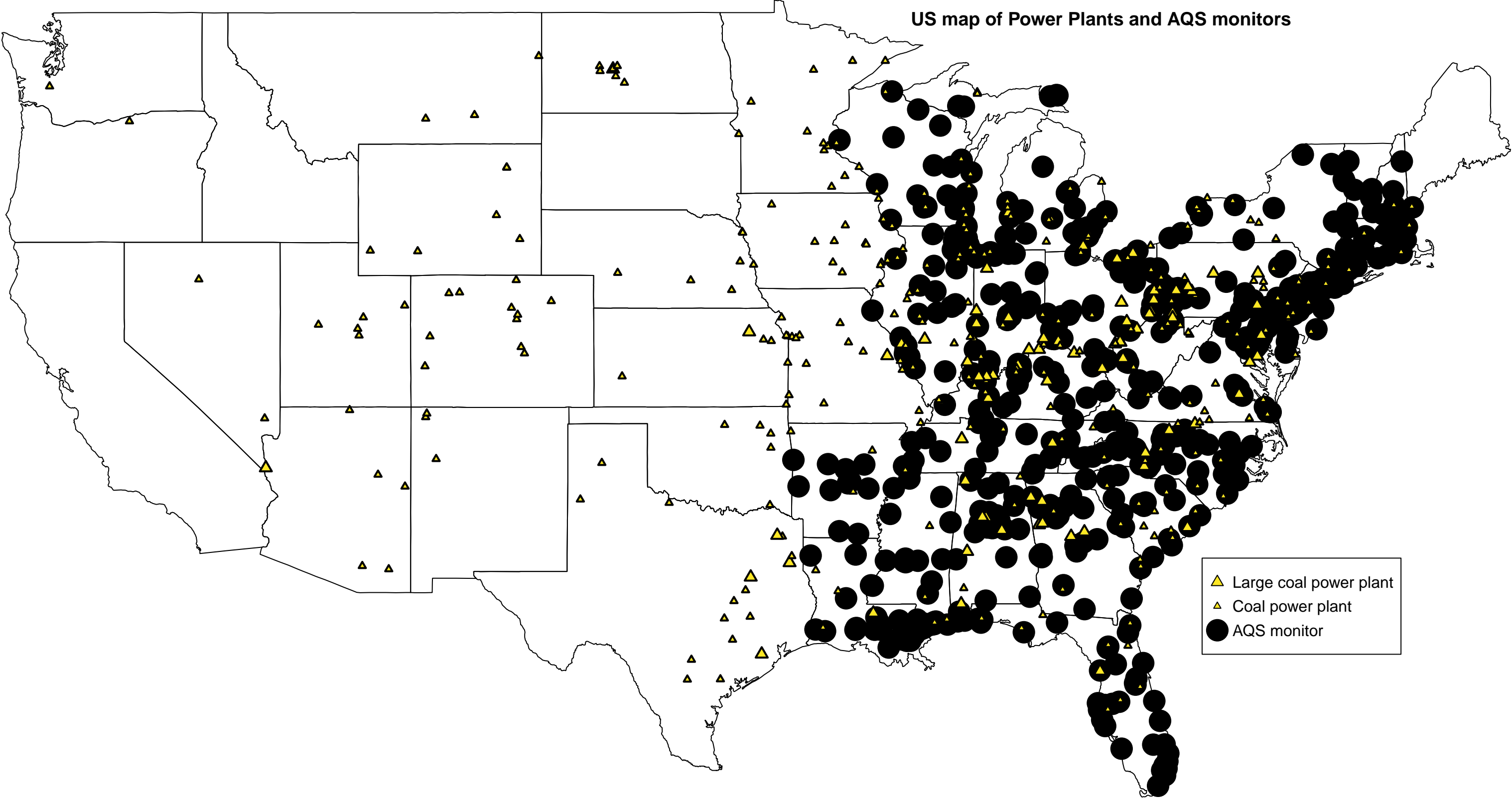
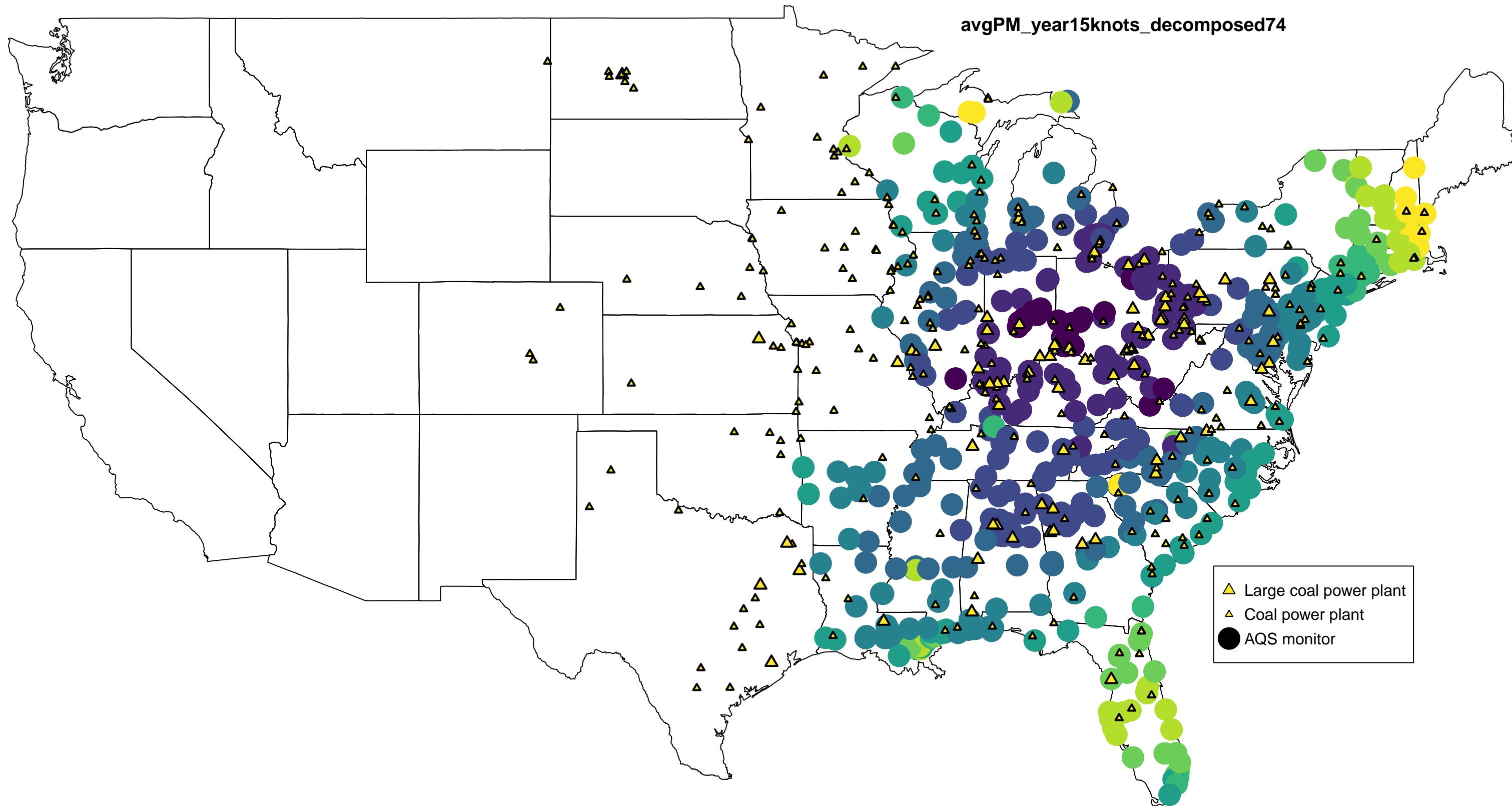
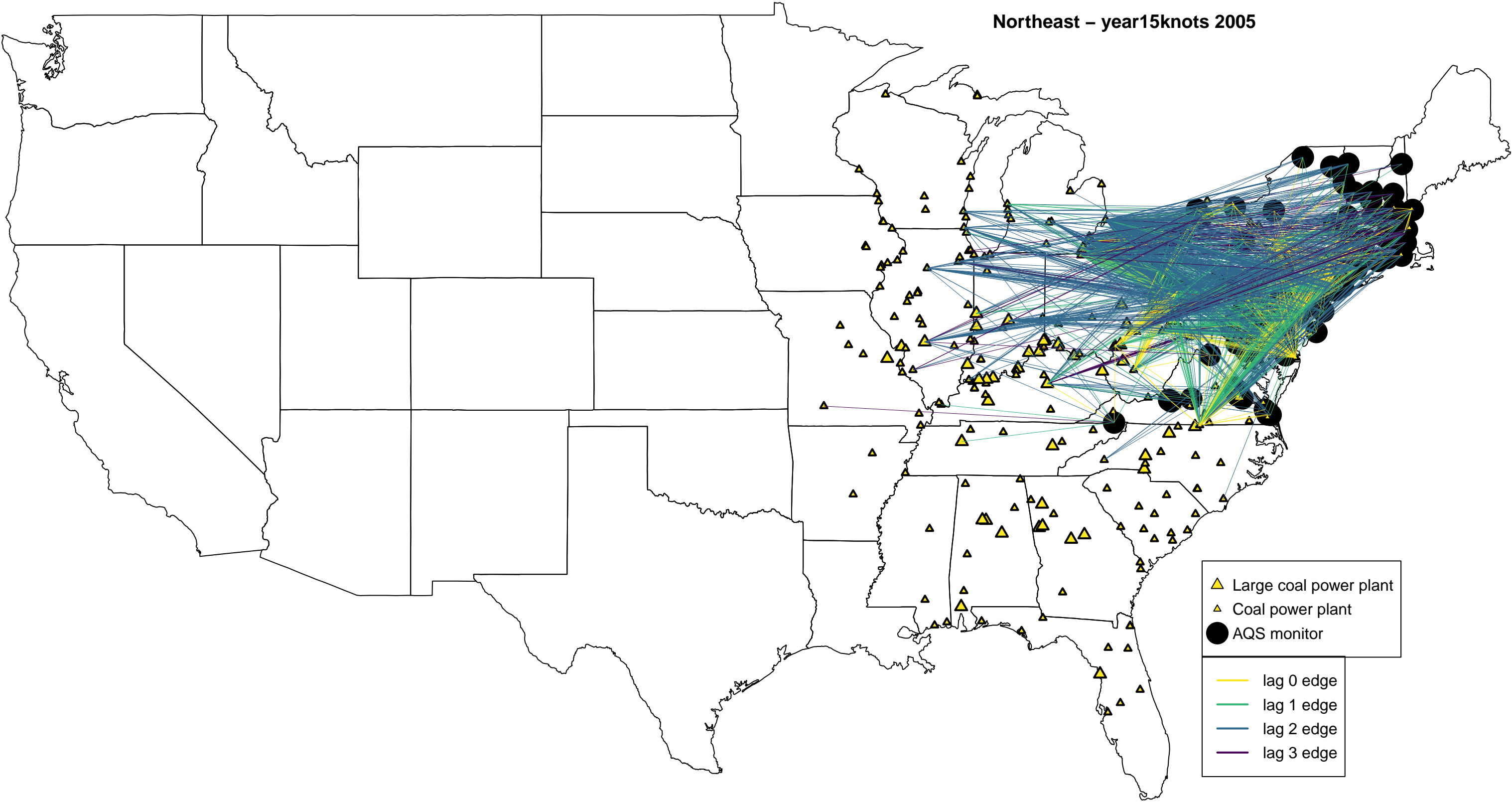


US map of Power Plants and AQS monitors

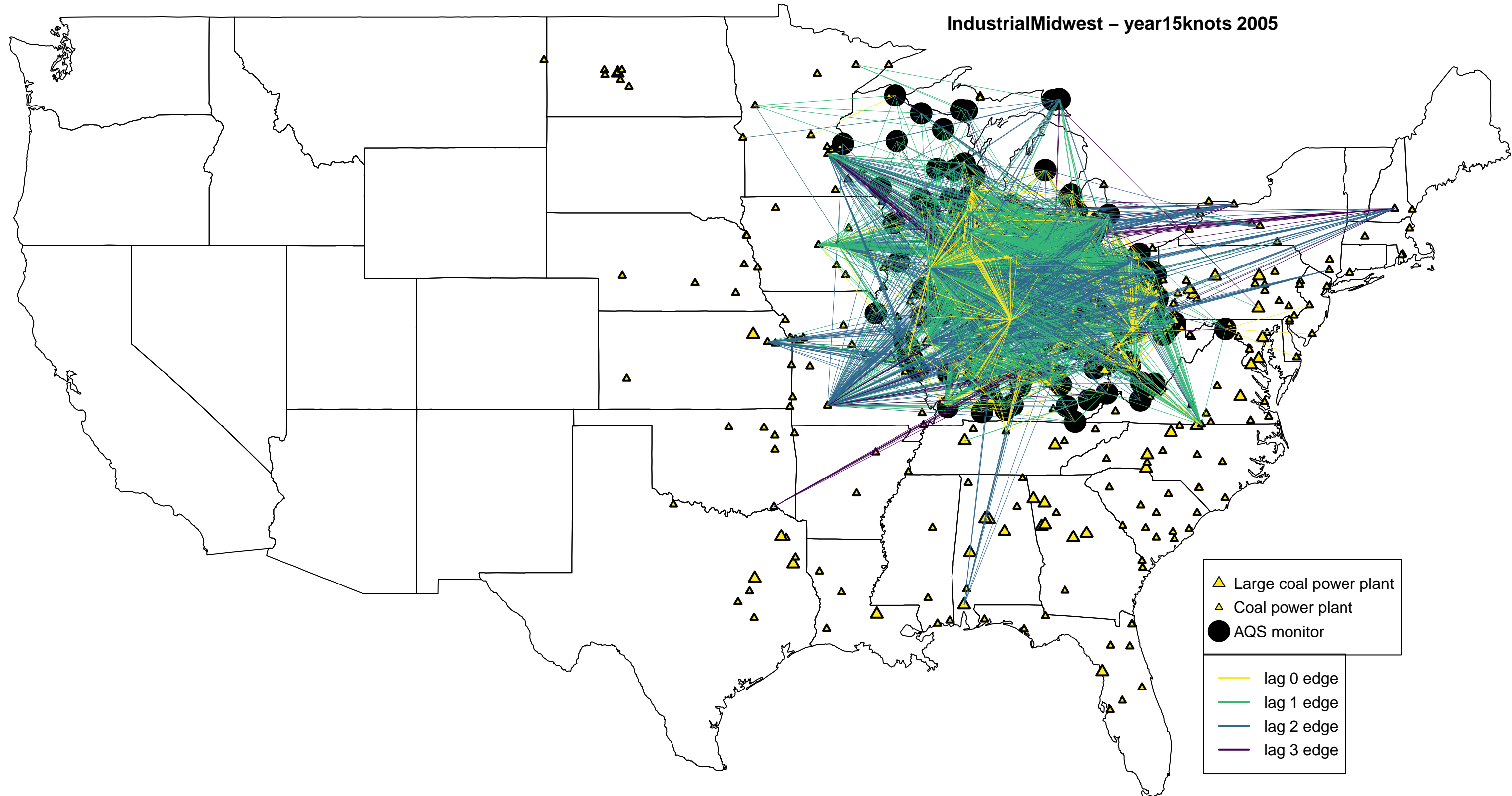




Northeast – year15knots 2005

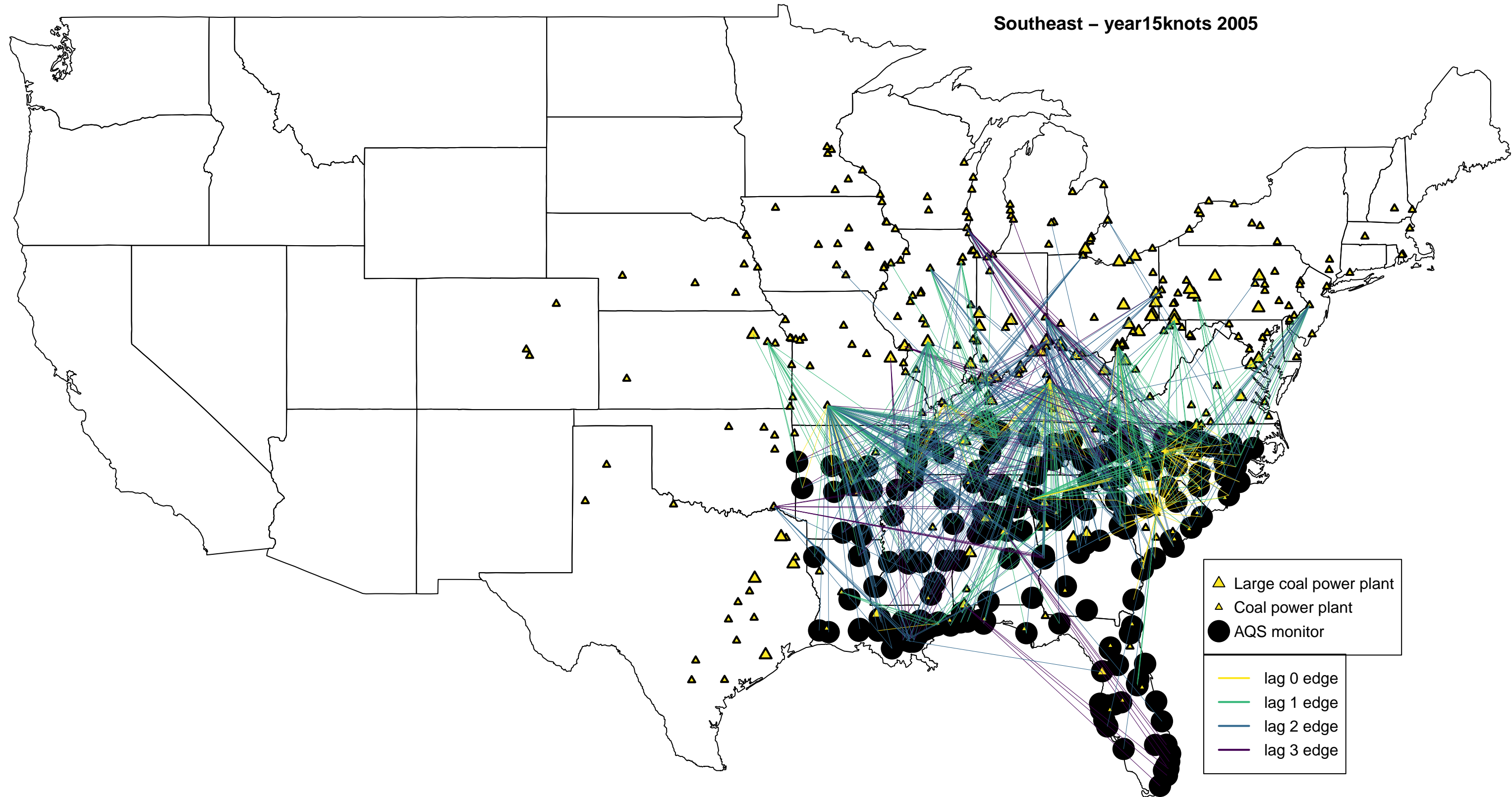


IndustrialMidwest – year15knots 2005

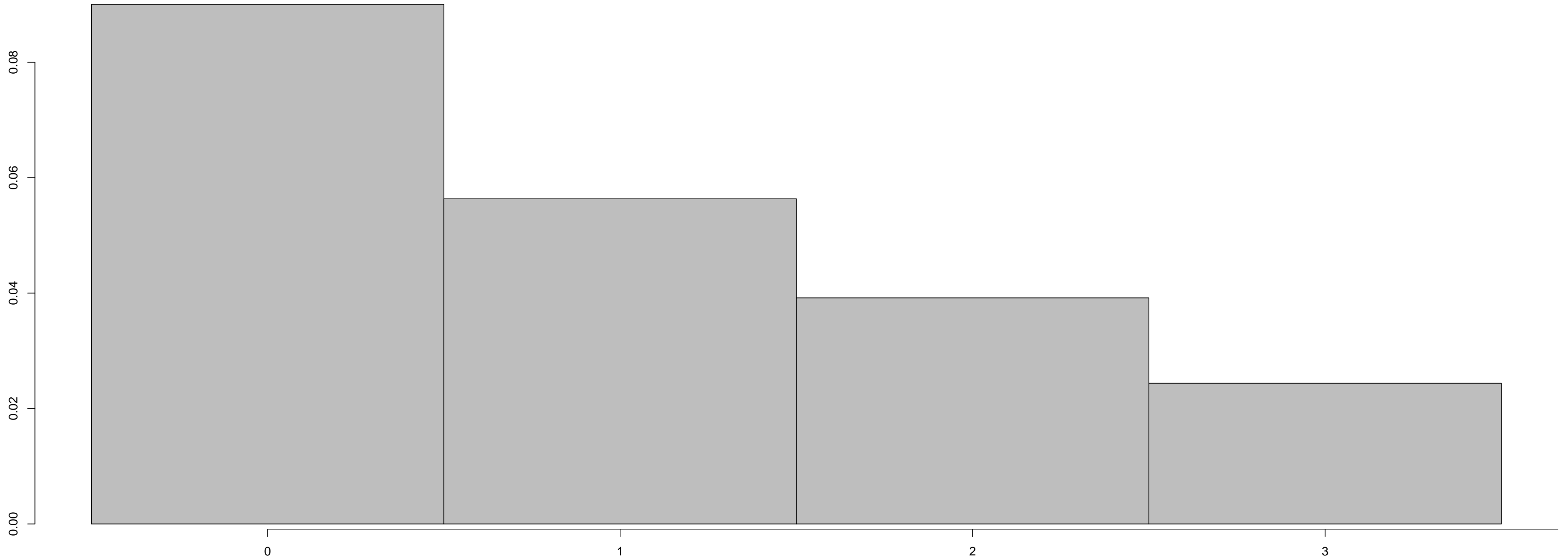




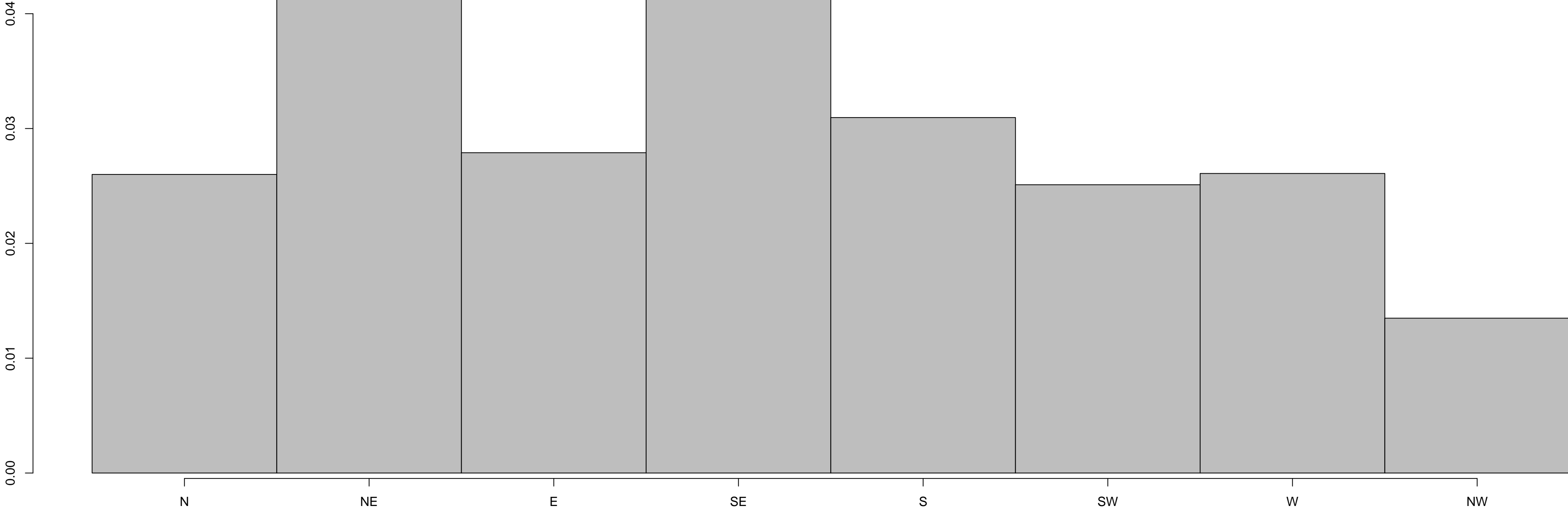
Southeast – year15knots 2005



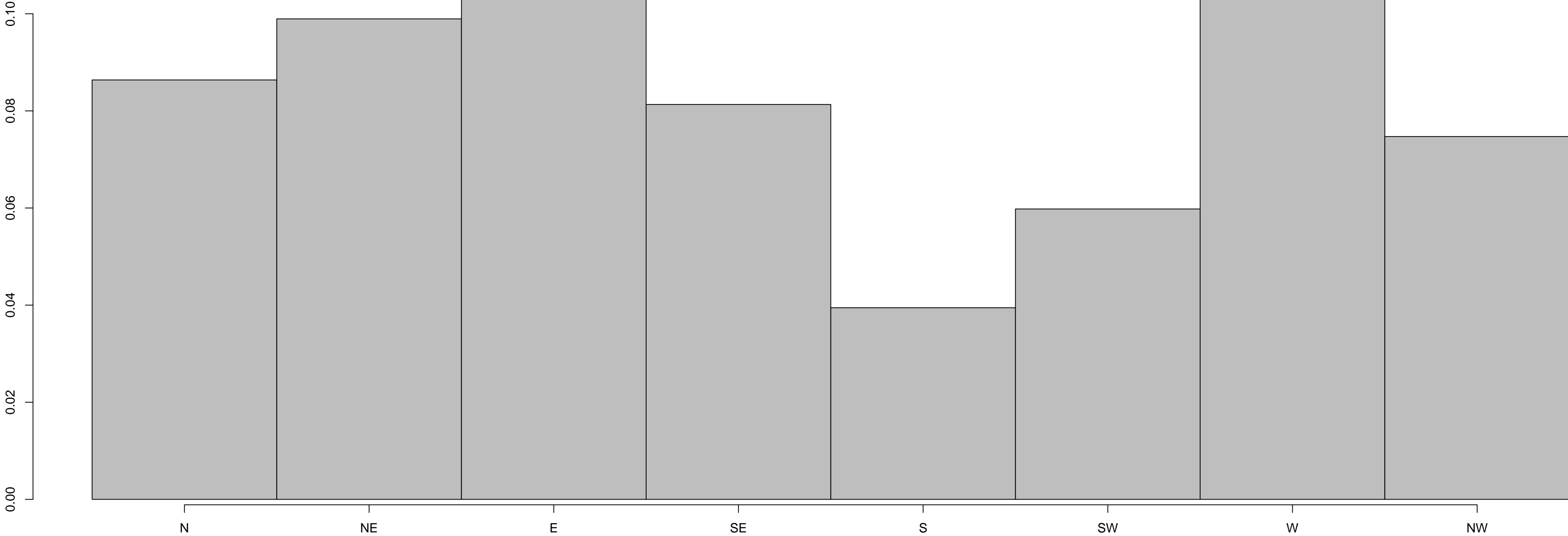
Edge Probability by Lag



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

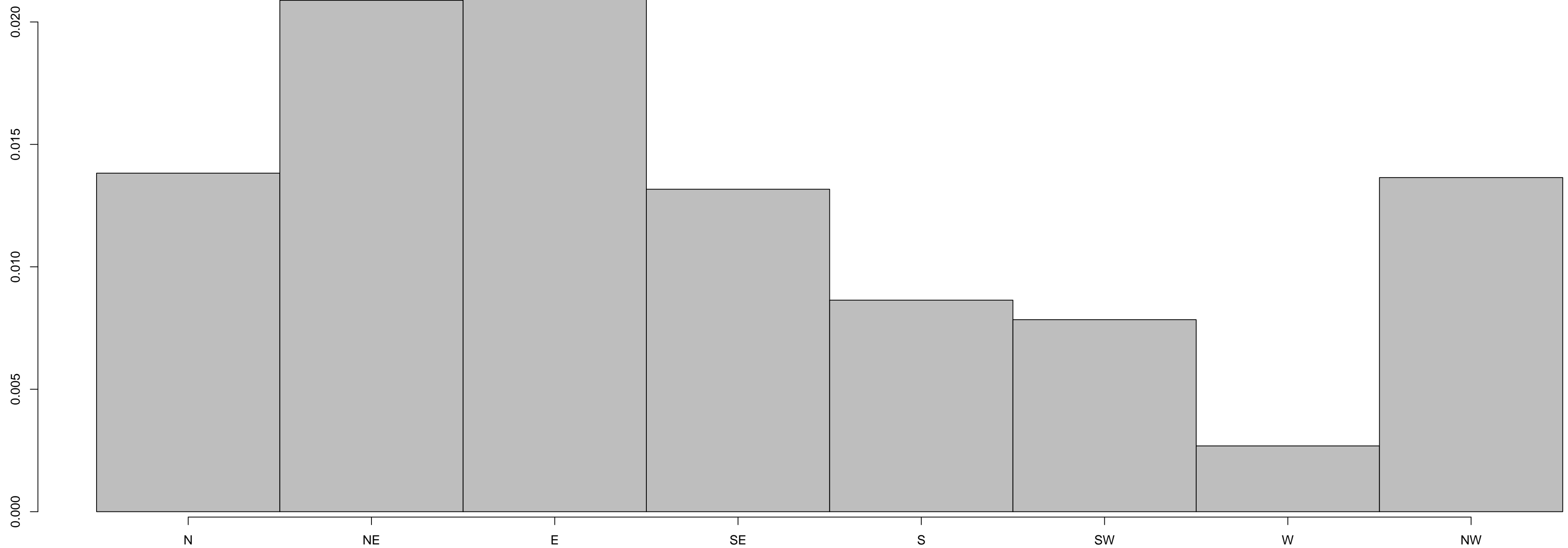


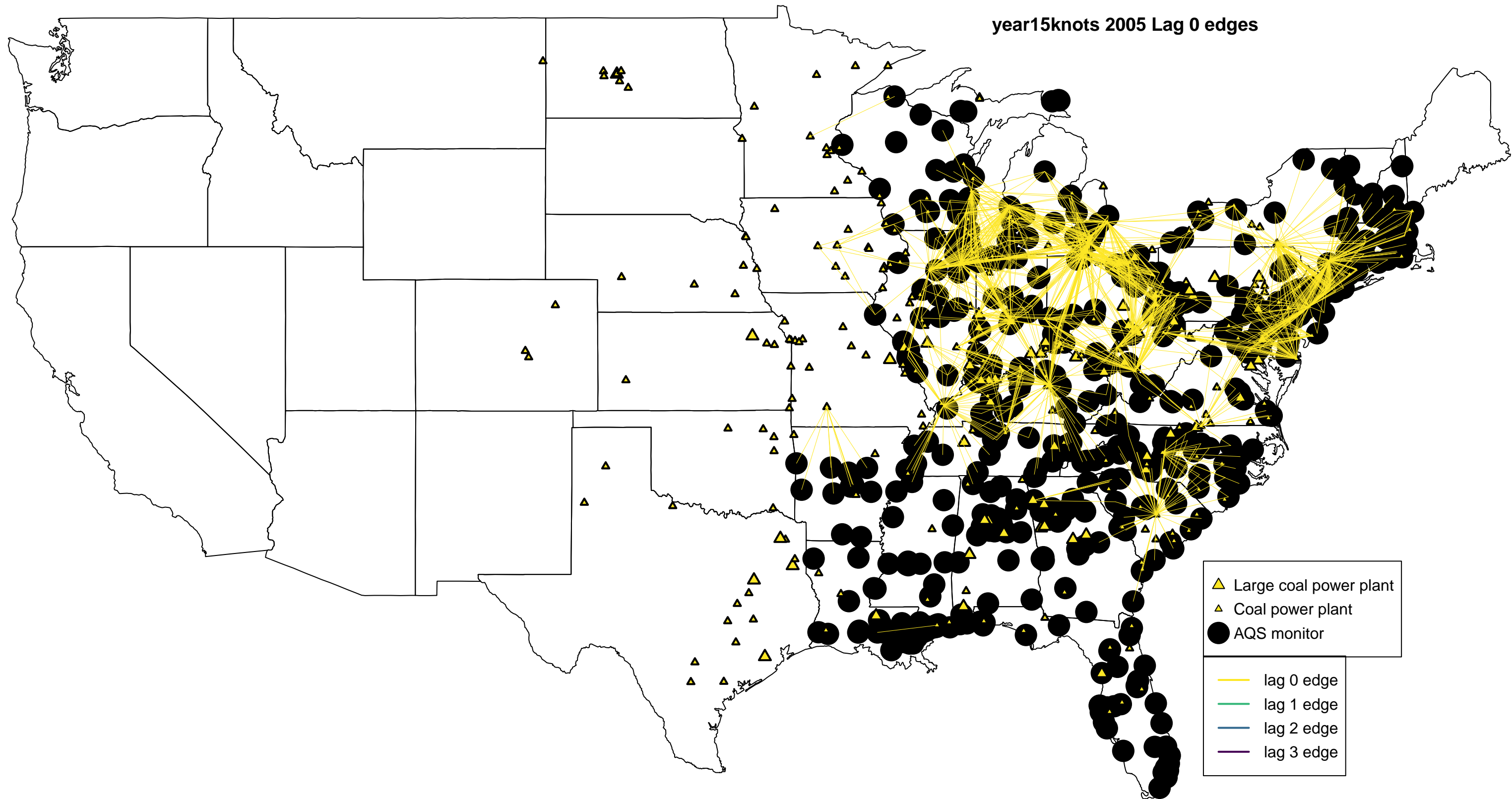
Edge Probability by Direction from Power Plant to Receptor (IndustrialMidwest Power Plants)

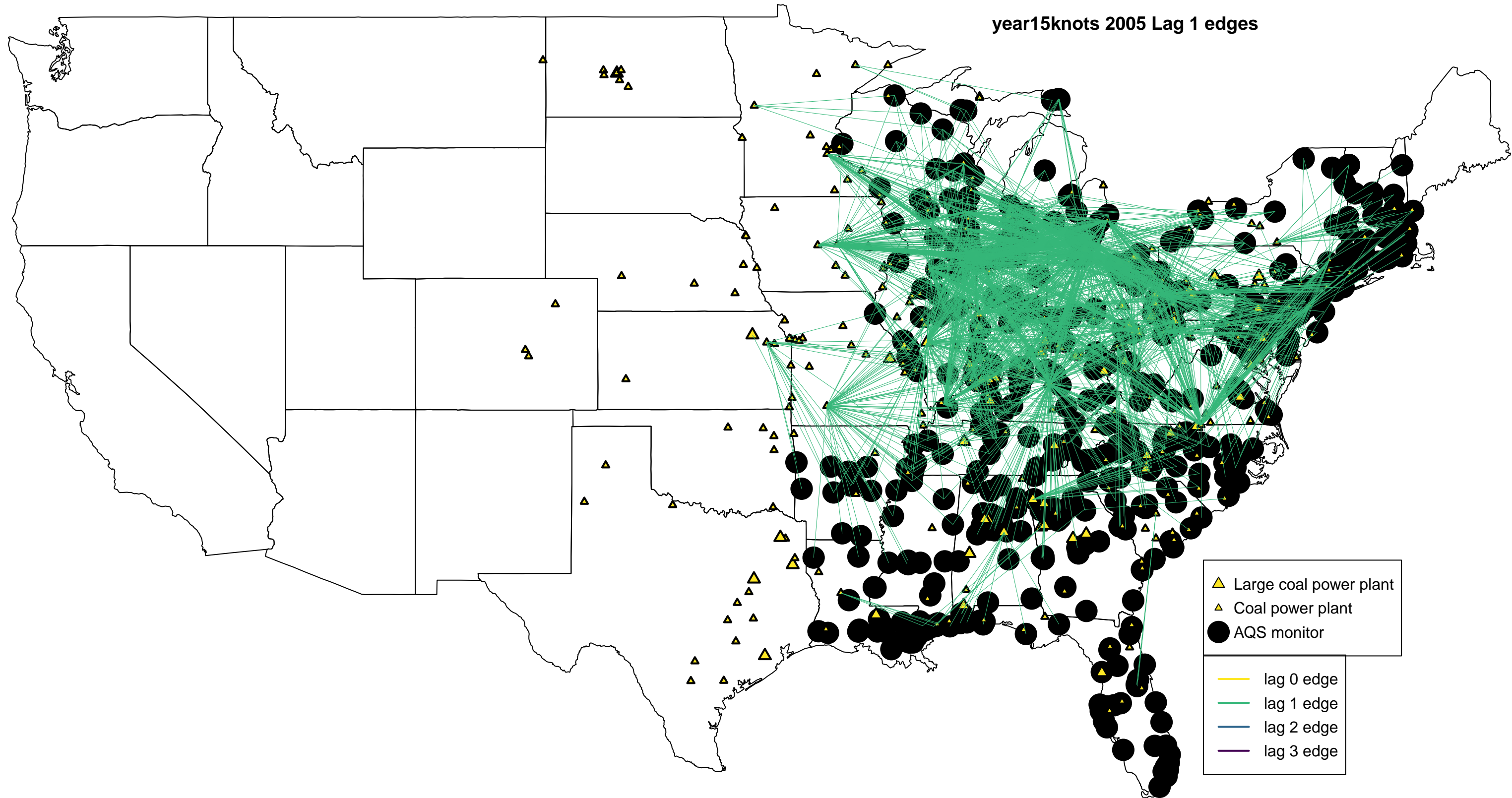




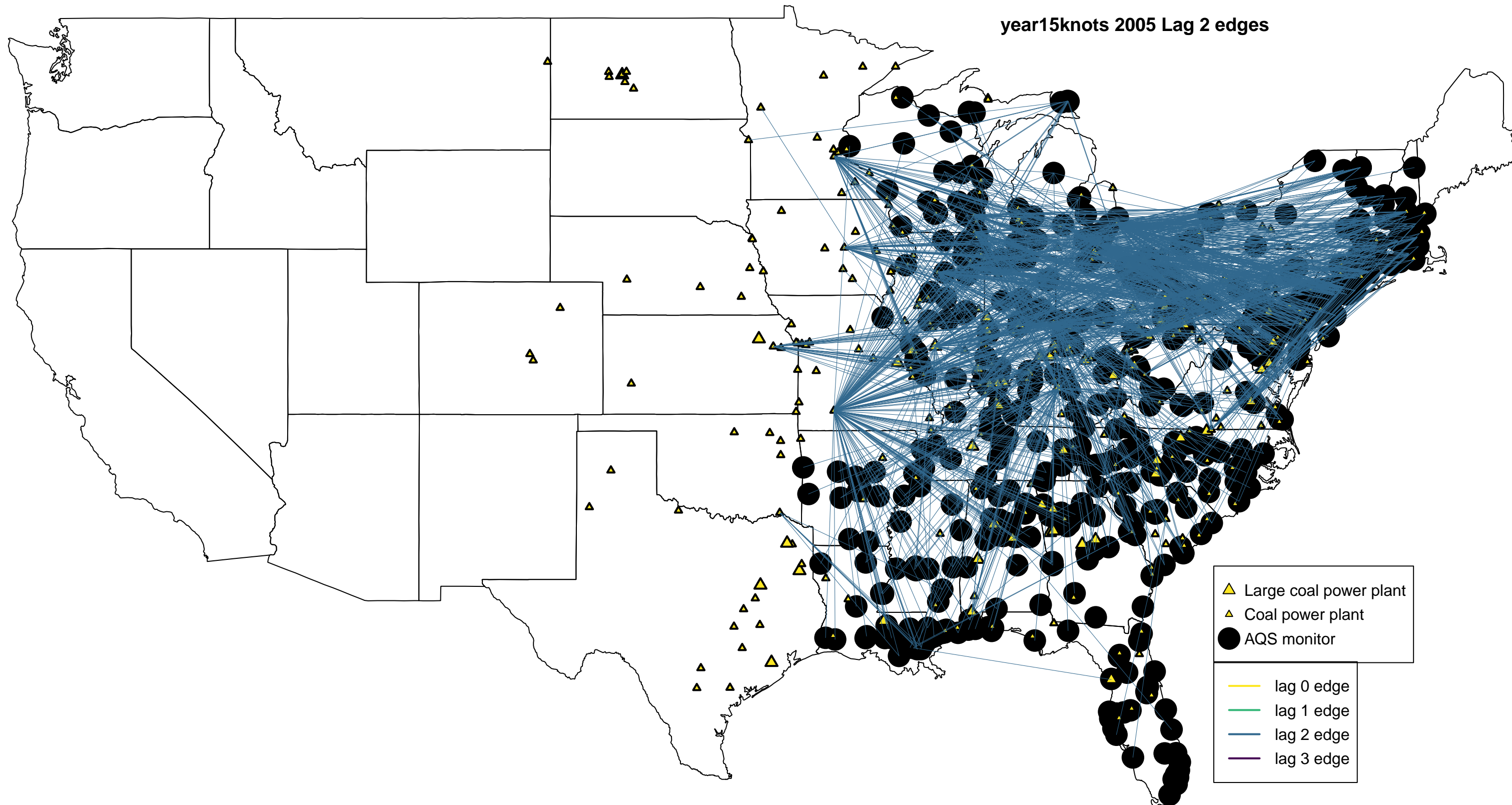
Edge Probability by Direction from Power Plant to Receptor (Southeast Power Plants)

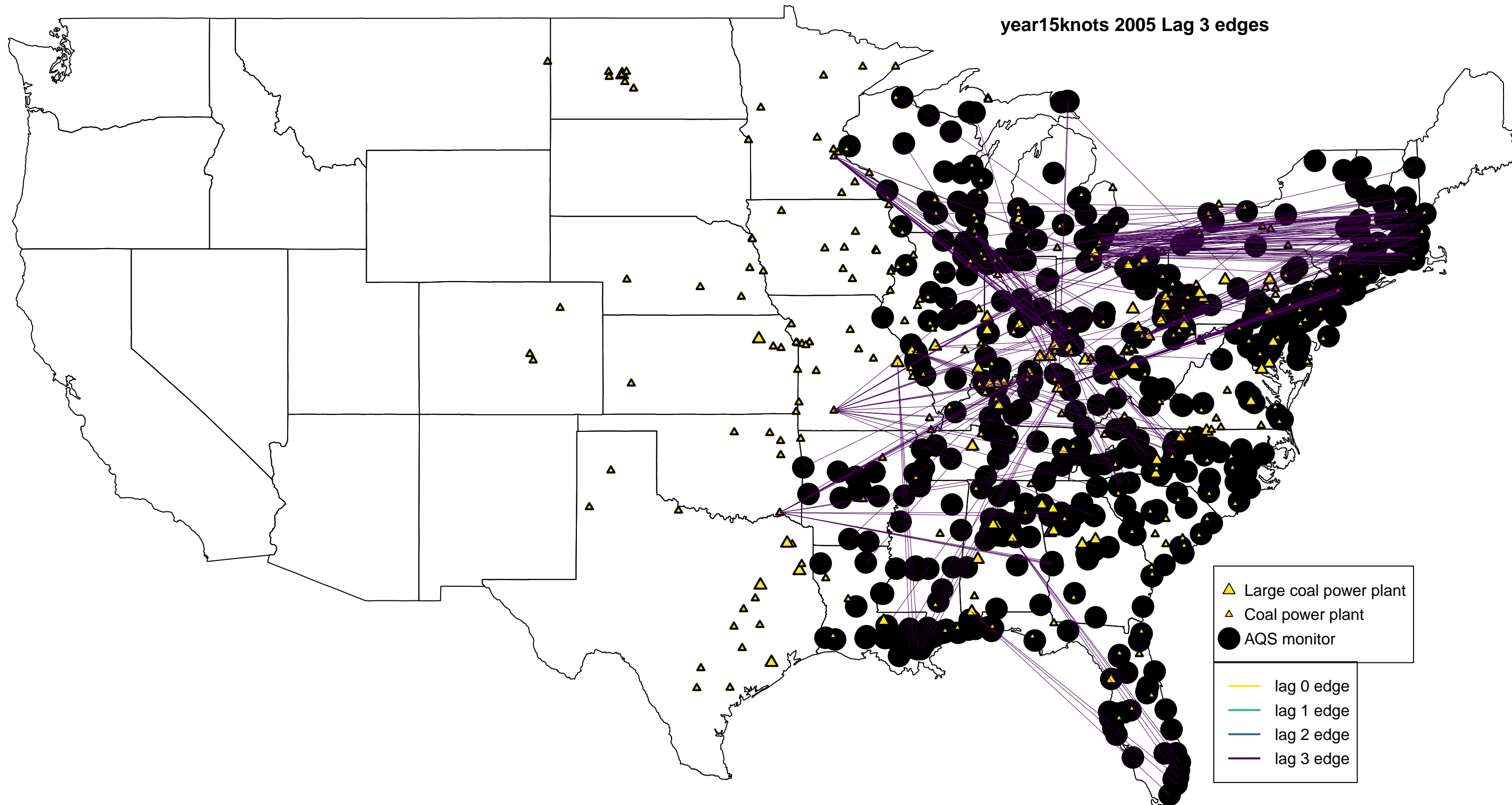




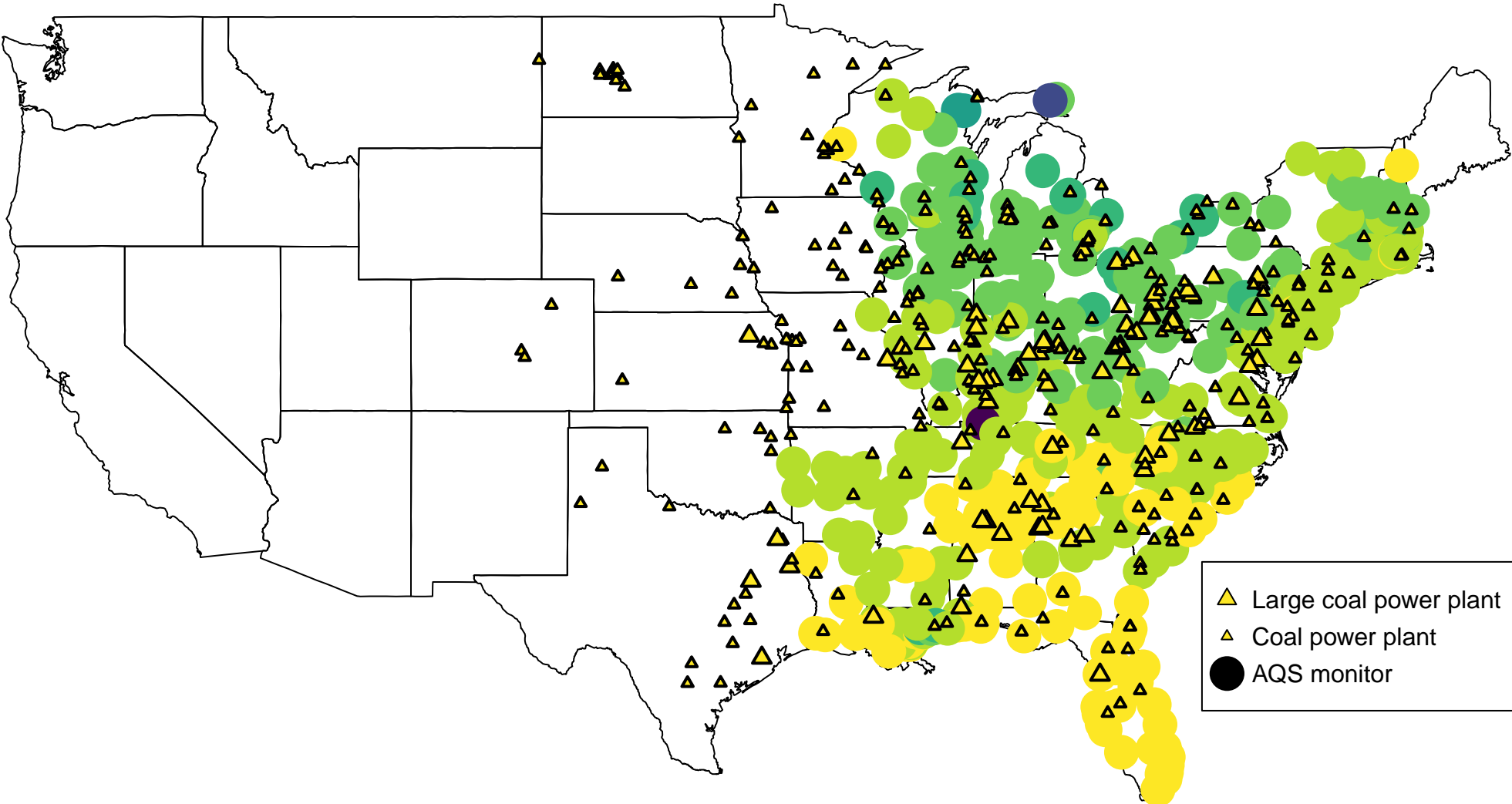




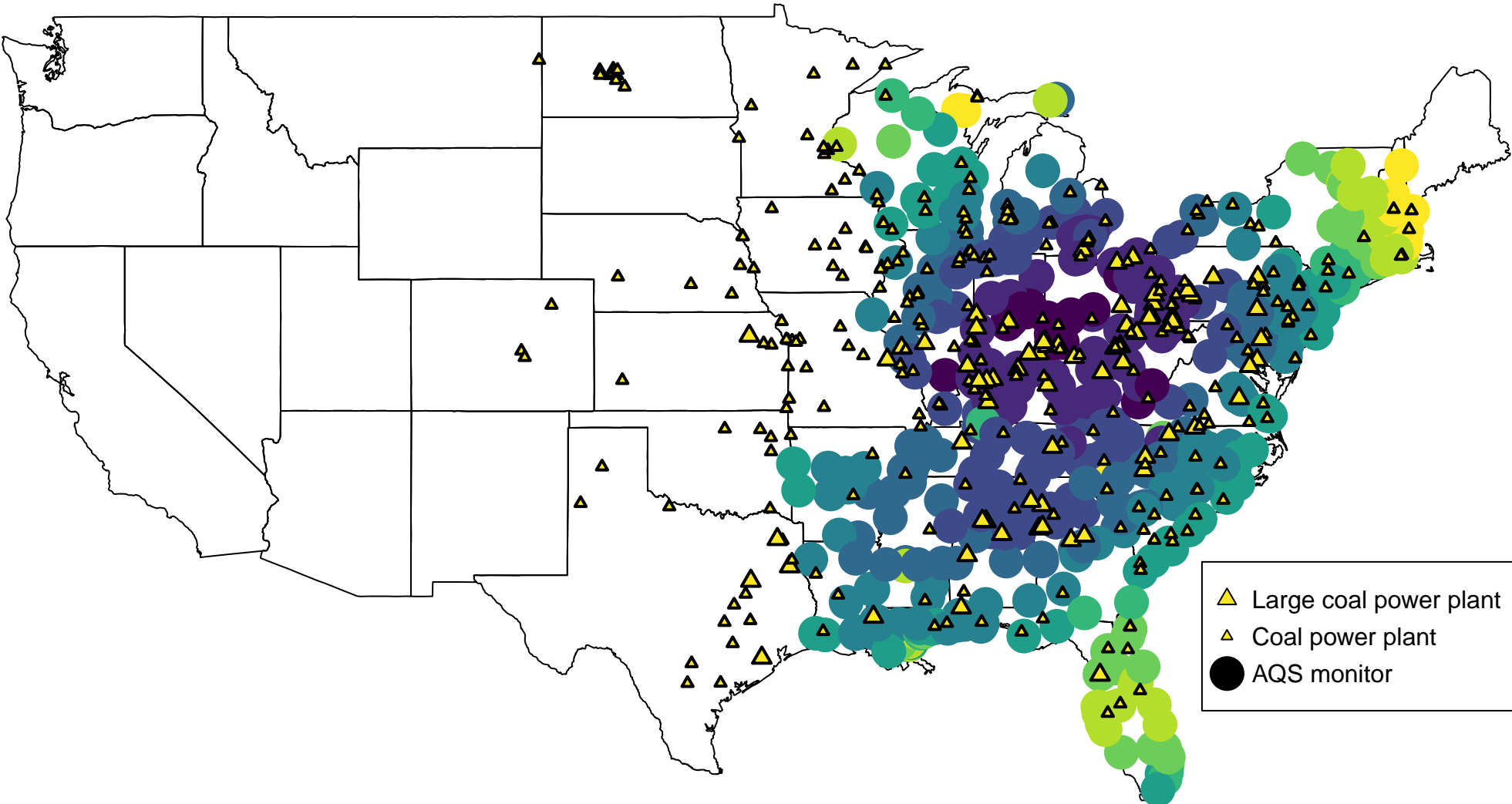




sum of gams.coeff year15knots 2005

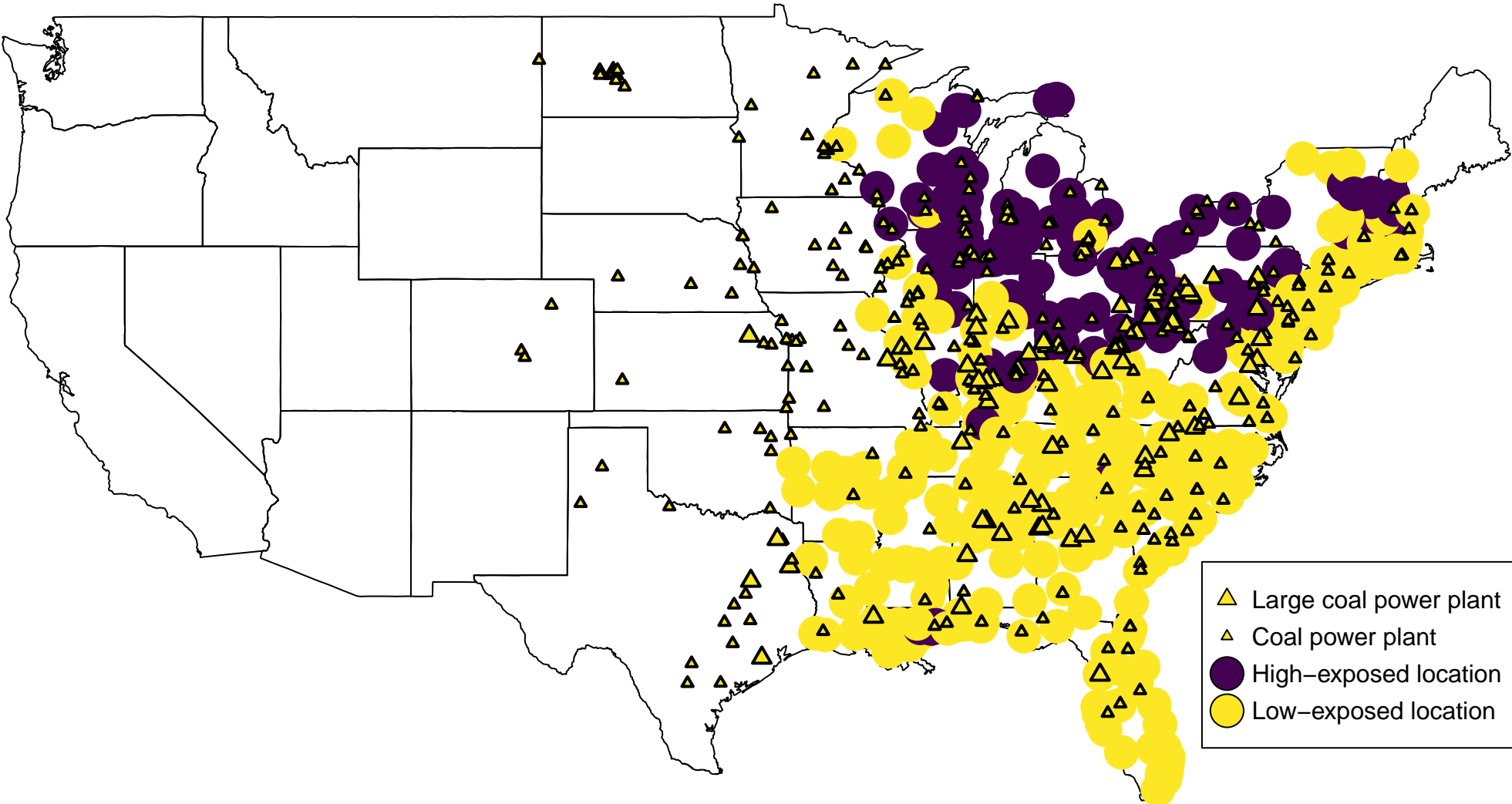


avgPM\_decomposed74 year15knots 2005

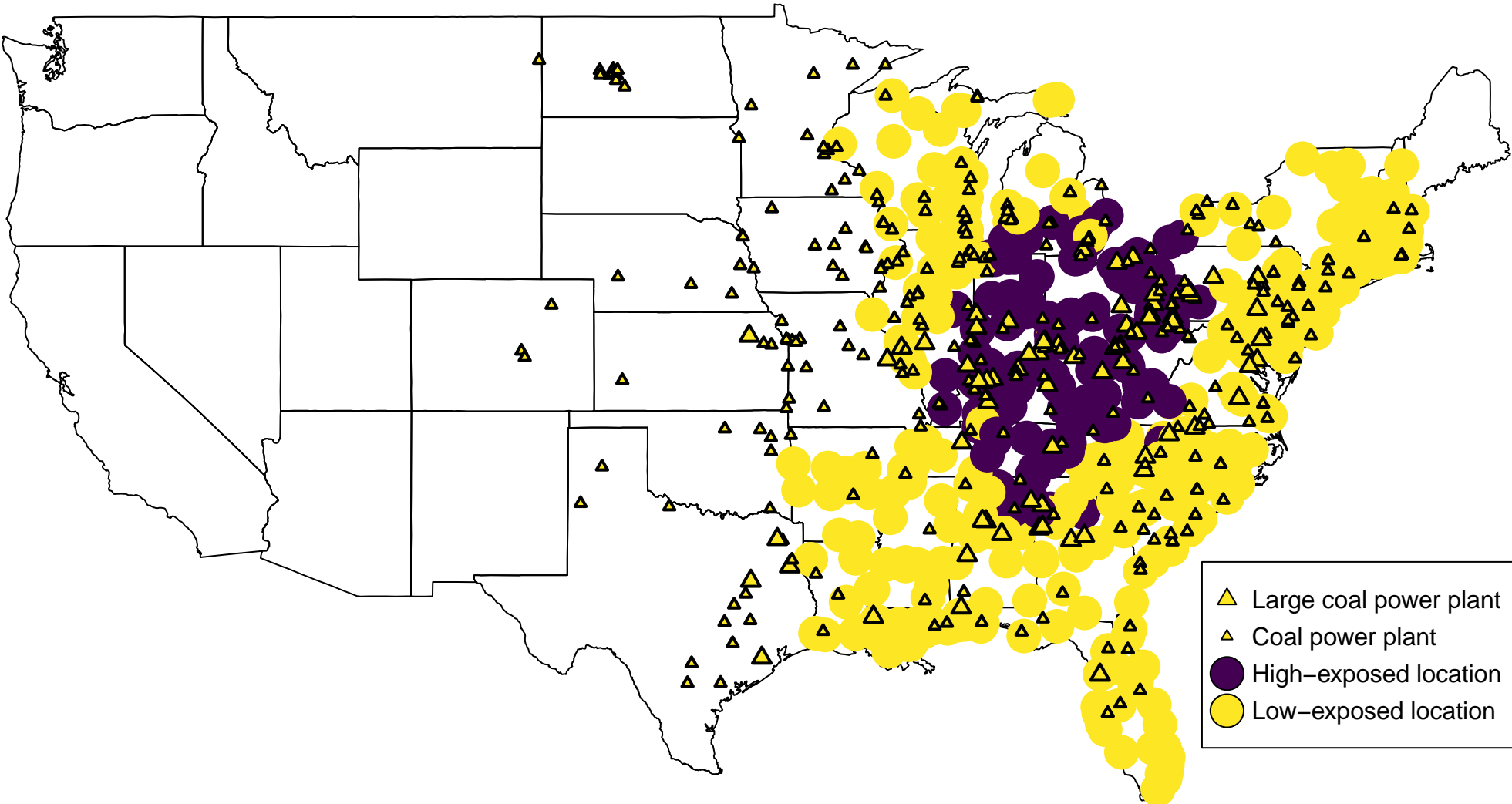




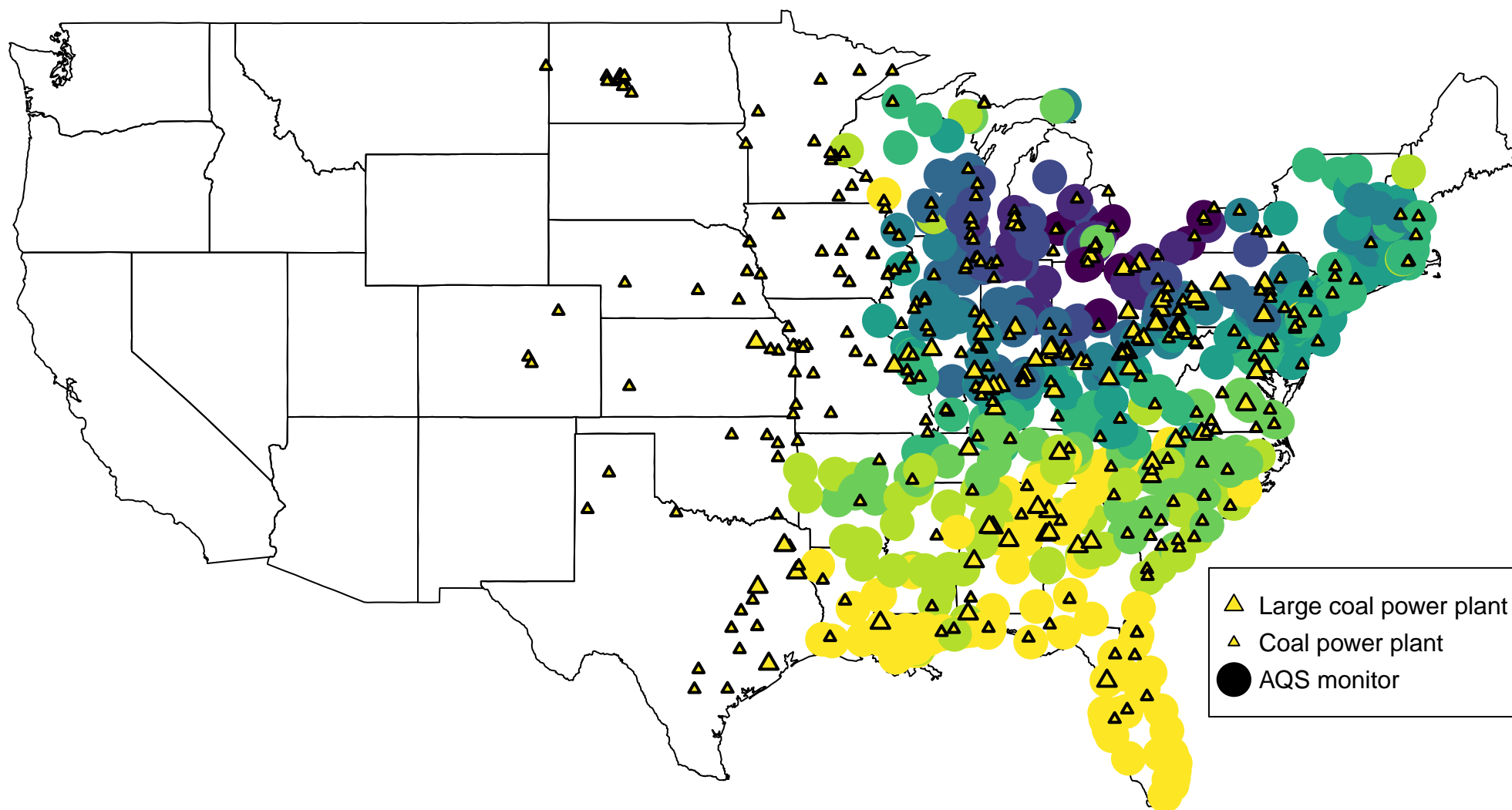
sum of gams.coeff year15knots 2005



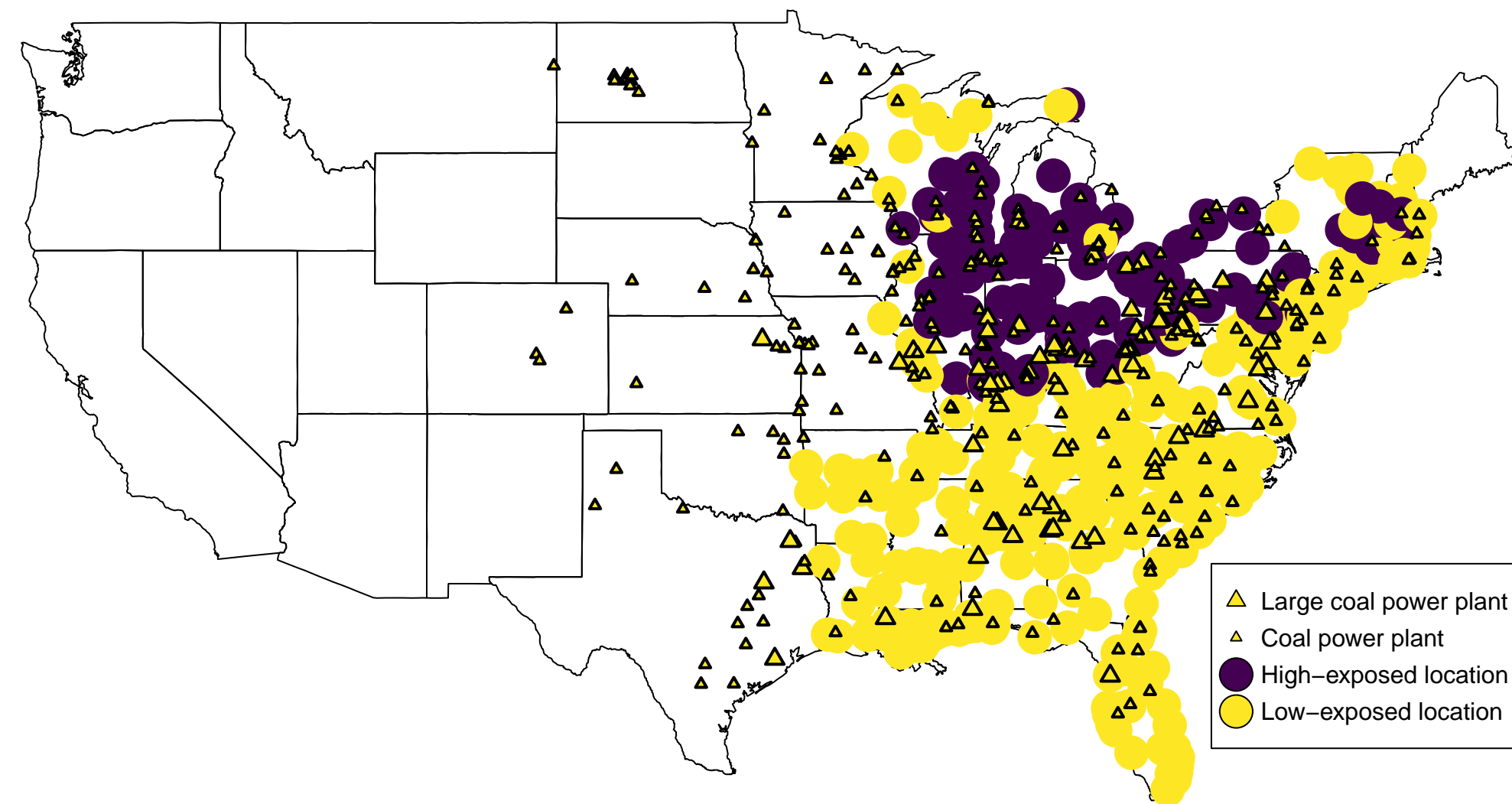
avgPM\_decomposed74 year15knots 2005



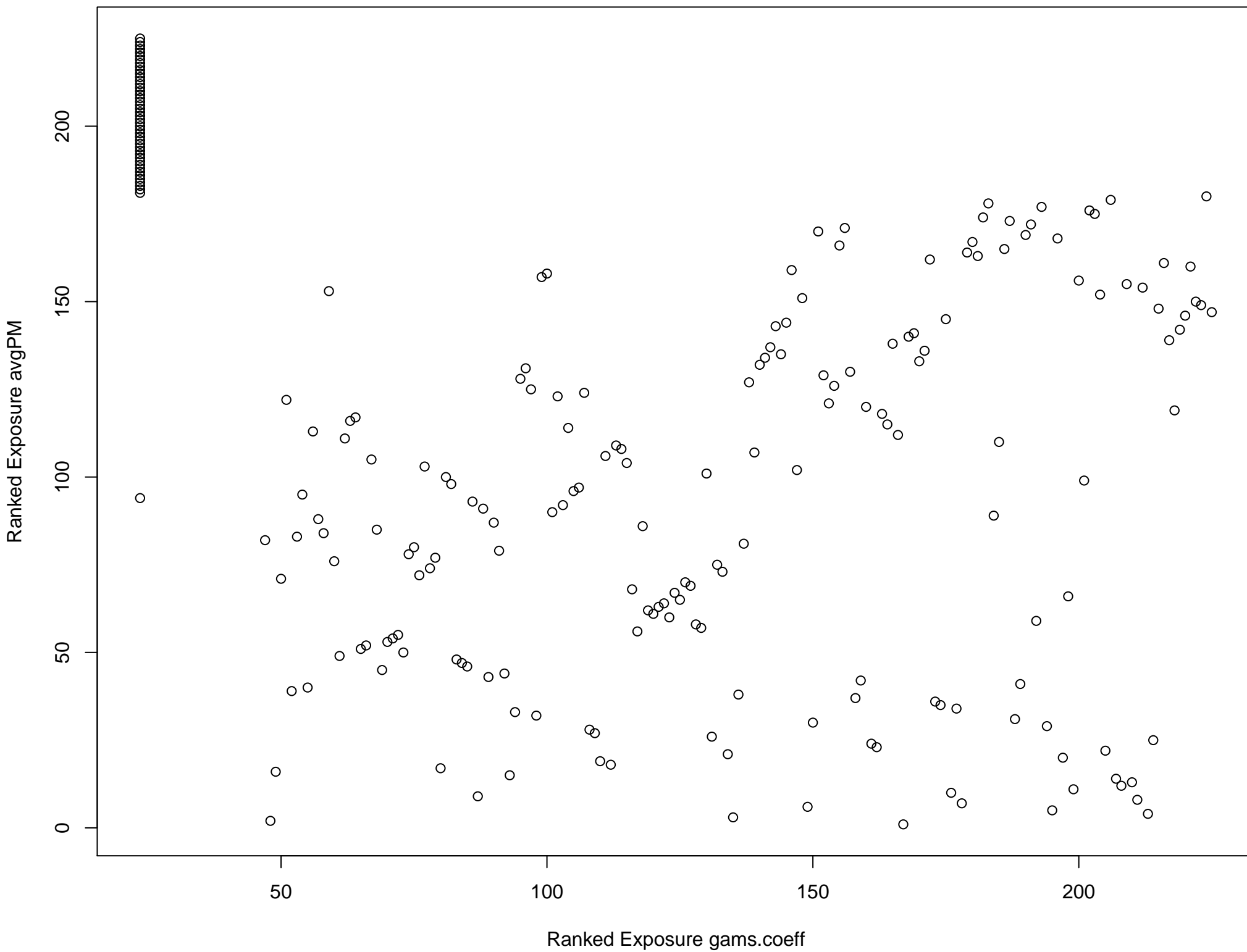
num\_edges year15knots 2005



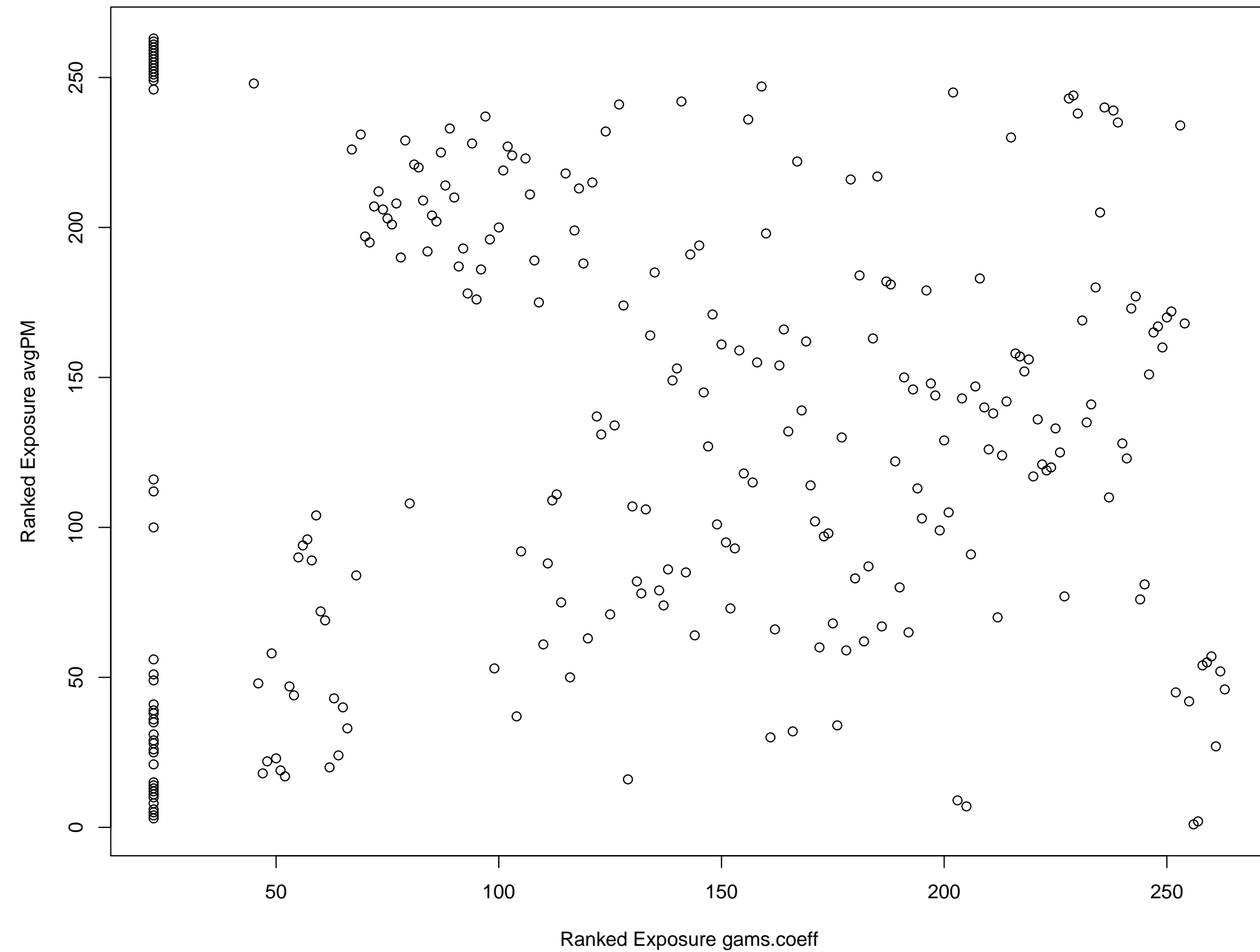
num\_edges year15knots 2005



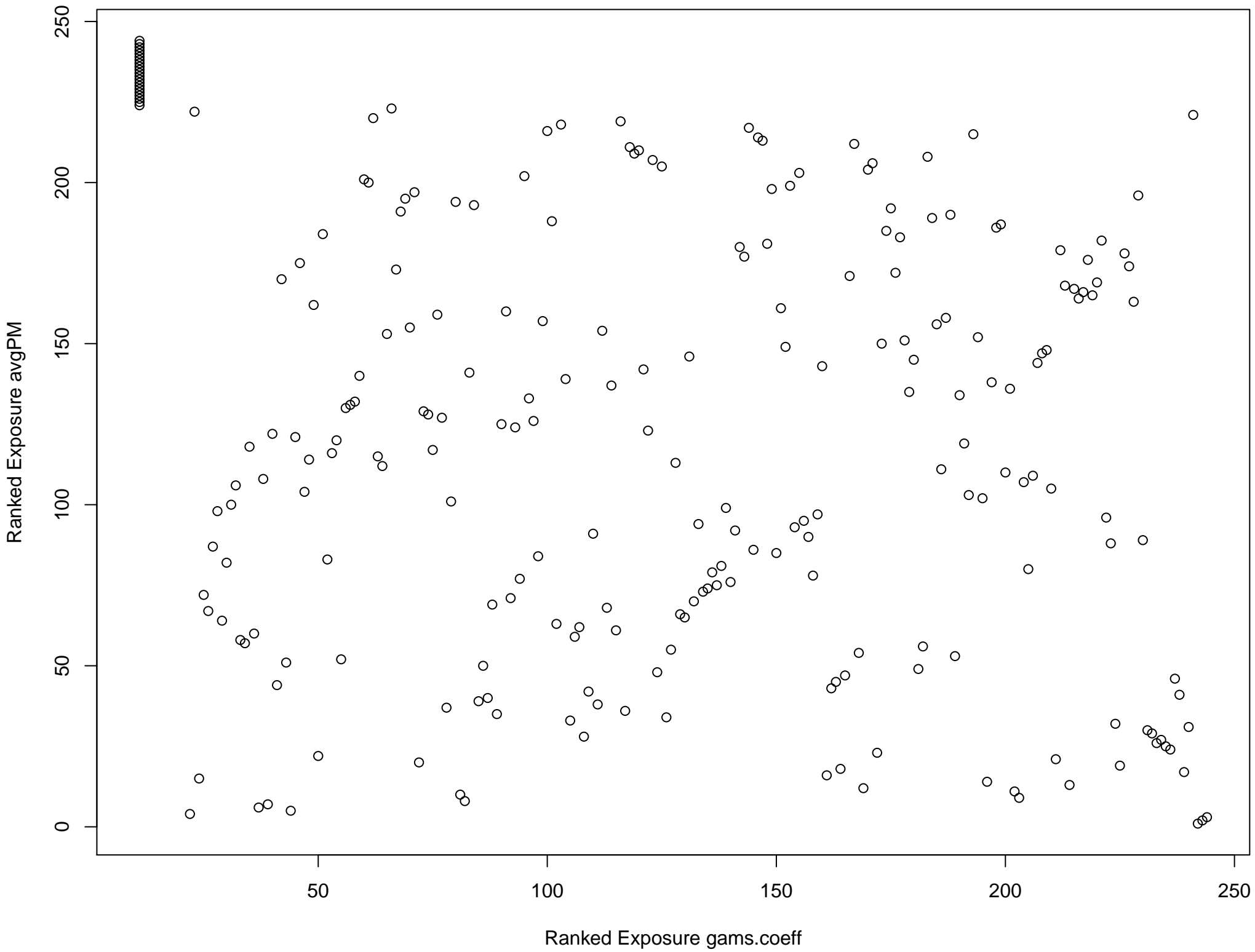
Northeast correlation = 0.27



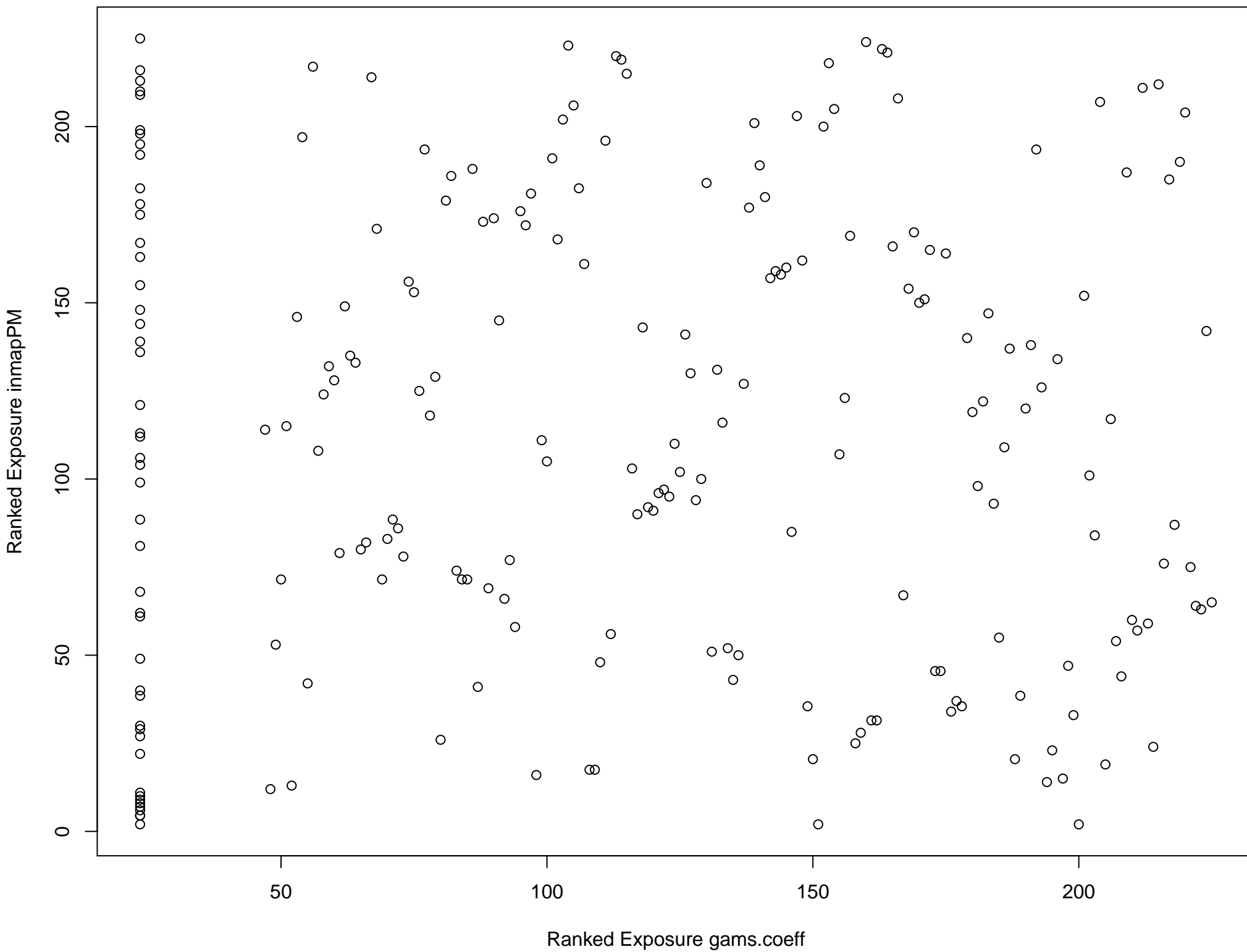
Southeast correlation = -0.05



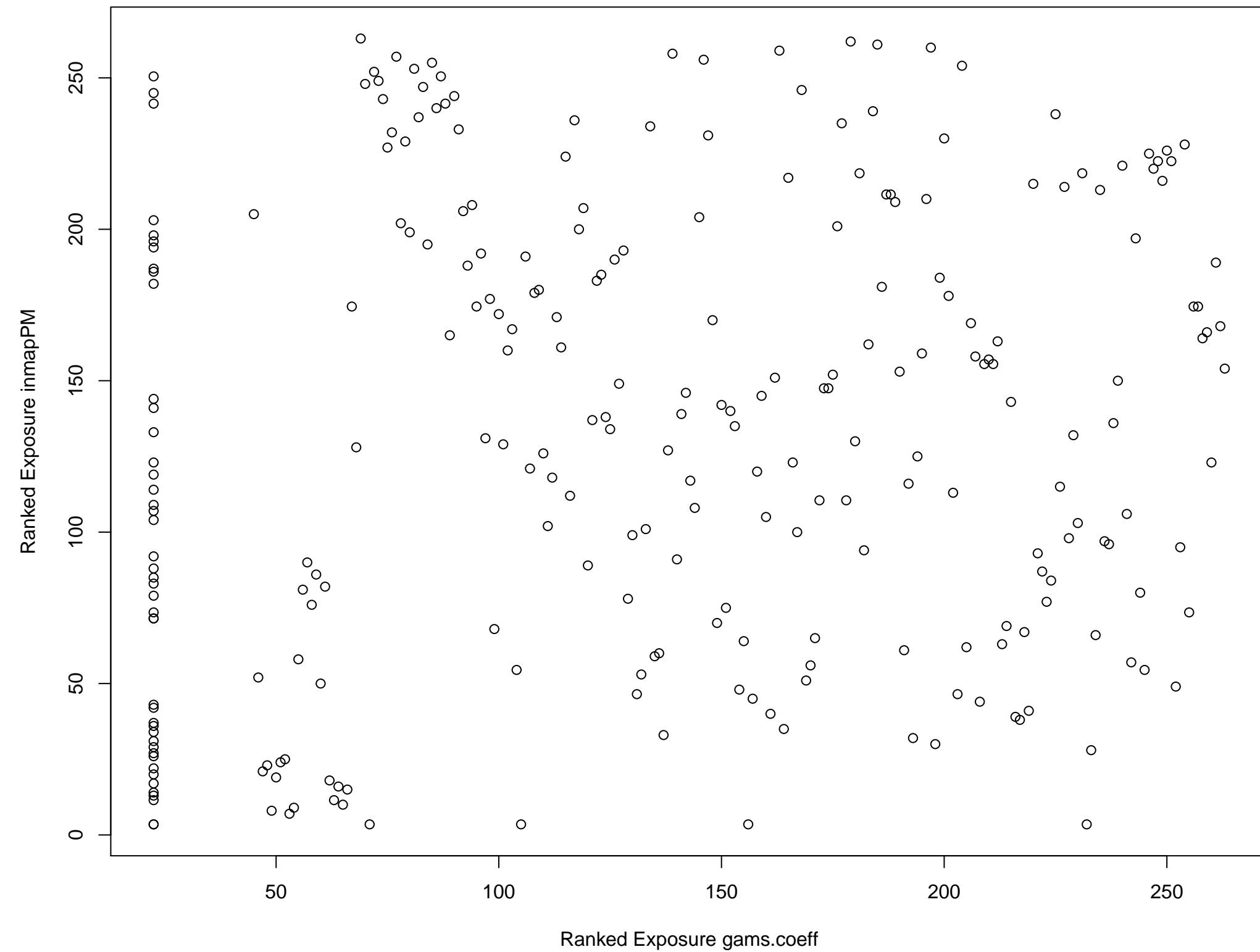
IndustrialMidwest correlation =  $-0.01$



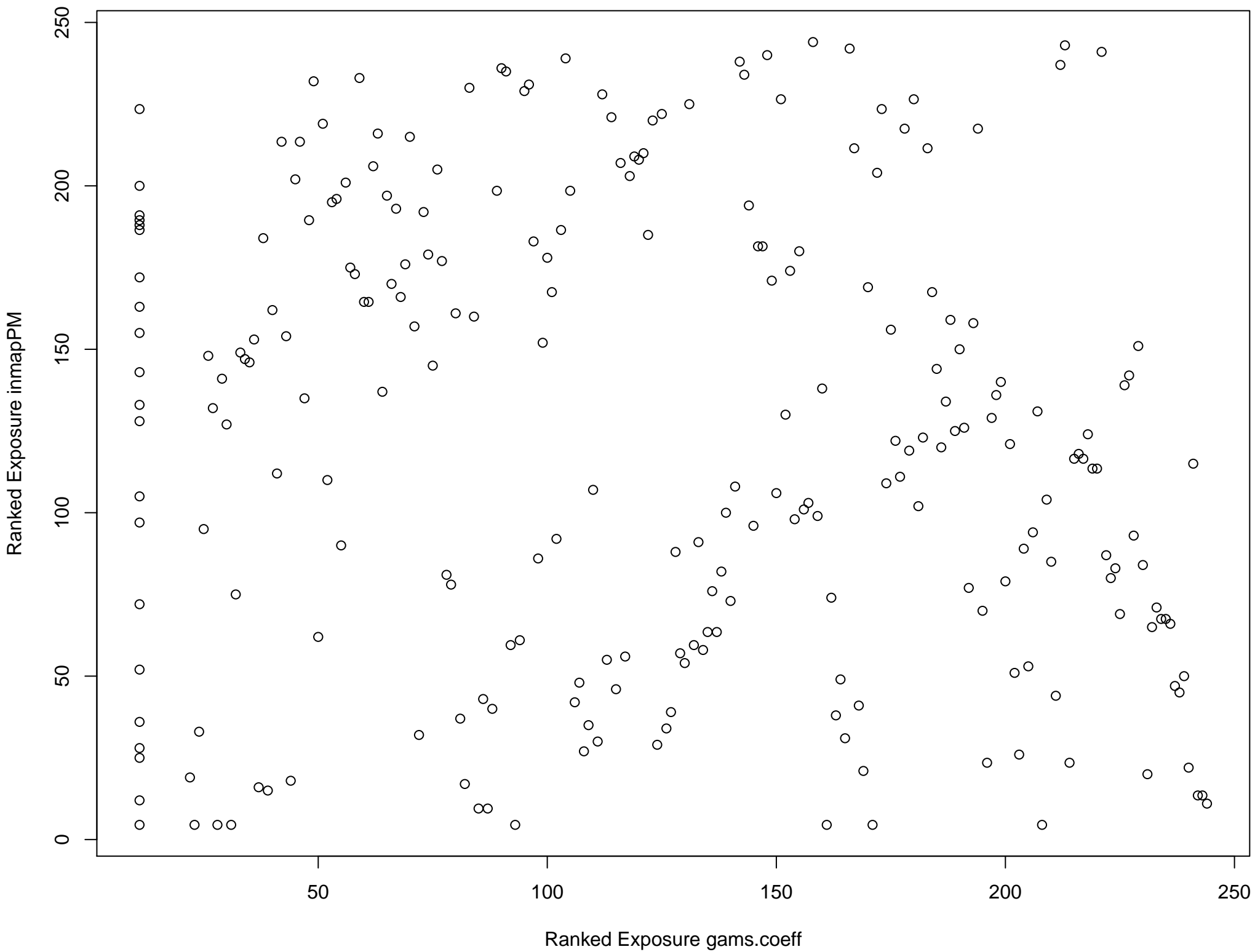
Northeast correlation =  $-0.09$



Southeast correlation =  $0.03$

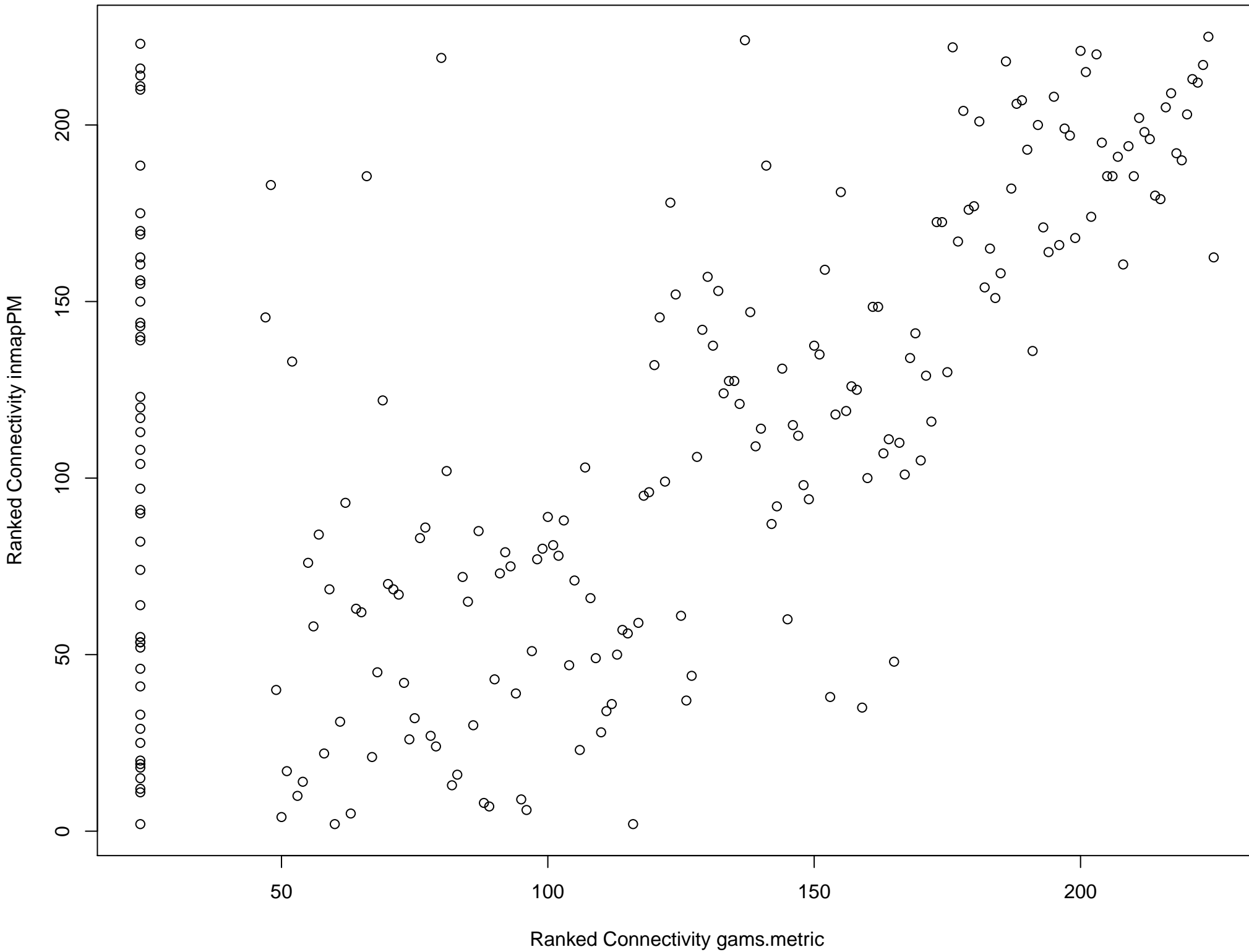


IndustrialMidwest correlation = -0.18

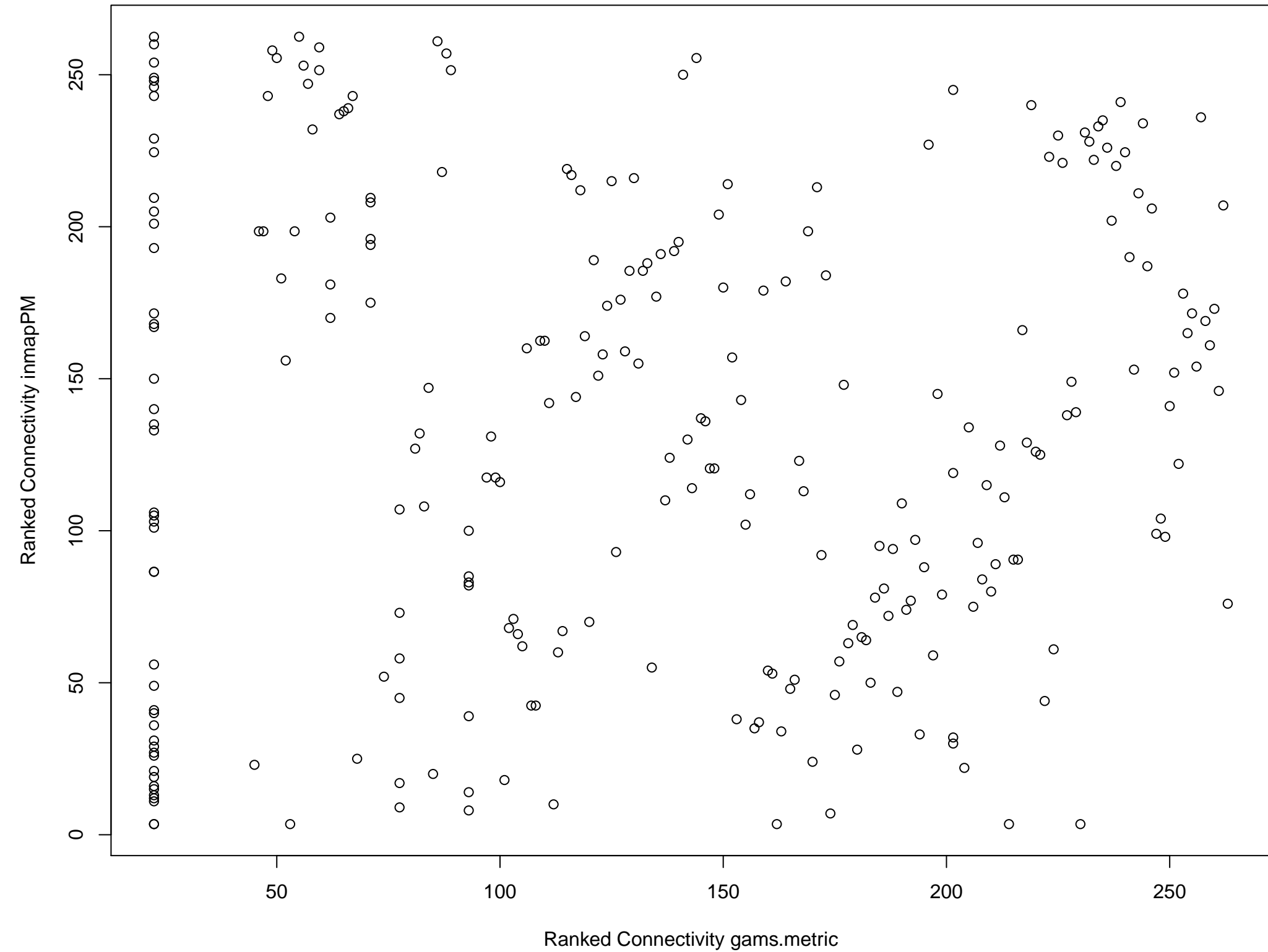




Northeast correlation = 0.53



Southeast correlation = 0.03



IndustrialMidwest correlation = 0.44

