Pose papers

* Use related measures
* Krugman index of employment specialization
* Don’t be afraid to take stuff and mess around with it

Regional input-output multiplier

* What is it?

Papers Enrique sent

* Spillovers—they’re using a geographic measure, distance between two counties
* Distance to markets in OECD paper—just a measure between “region centroids”

Geographical processes

* “Agglomeration” – ln(population density) or regional percentage of GDP in region i at that time

By the end of the day

* Elana and Sohair: Spreadsheet with state and county FIPs, along with latitude and longitude of geographic center
  + Distance
  + State and county FIPs codes into GIS software and do some stuff with it to get comfortable
    - Column with the center
    - Compute distance between one county and another
    - Think about being adjacent (which doesn’t have anything to do with distance)
* April: We want a specialization measure
  + Employment (BLS)
  + Number of bodies employed in the different sectors by county
  + Ag, FIRE, manufacturing
  + The “everything else” category is your friend
  + Make a proposal for what the appropriate index would be
  + Just do one year for now
  + Total category
  + Compute shares, make sure they sum to one
  + Compute 2 or 3 different indexes and bring them to us
    - Krugman
    - The OECD one
* Elana and Sohair: Spillovers
  + Become comfortable with this idea
  + Make your own data
  + How wealthy is the guy next to me? How far? A weighted average where the weights are distances
  + Other columns with codes of adjacent counties
* Libby: We won’t have GDP—we’ll have personal income. Someone needs to get personal income per capita stuff all nice.
  + Make an average growth rate in per capita personal income over that time period
  + Work with spillover person to see what affect that has—what affect does their proximity and growth rate have?
  + Do we also care what sector the other county specializes in?
* April: Demographics and educational variables

Try to see what we can find before asking Carol

Still awaiting innovation index data

Still don’t have public infrastructure