Notes from 2/4/14 meeting with Roz

Part I

Quantify where the radiation model does not fit will

Hypothesis: Radiation model doesn't fit well in areas where there is a border

Part II

Come up with a radiation model like formulation that accounts for cross border movements

Part III

Simulate flu like epidemics over network

Compare income to out-of-county commuters (remove counties with small populations or color them differently/ gradient)

optim equivalent in python (Nelder-Mead optimization)

Update radiation model

Return probability matrix (3136x3136)

Look up simulating epidemic models in python

Simulate epidemic

Tidy-up repo