1. Classify a model from a journal
2. I find an article published on AER: “The China Syndrome: Local Labor Market Effects of Import Competition in the United States”
3. Autor, David H. , D. Dorn , and G. H. Hanson . "The China Syndrome: Local Labor Market Effects of Import Competition in the United States." *Social Science Electronic Publishing* 103.6(2013):2121-2168.
4. The main econometric model for this paper:

This paper wants to estimate the effect of the increased import competition (mainly from China) on the local labor market in US.

: The decadal change in the manufacturing employment share of the working-age population in commuting zone i. (Autor, D. H. , Dorn, D. , & Hanson, G. H. . ,2013, P2133)

: The change in Chinese import exposure per worker in a region. (Autor, D. H. , Dorn, D. , & Hanson, G. H. . ,2013, P2128)

: Percentage of employment in manufacturing; Percentage of college-educated population; Percentage of foreign-born population; Percentage of employment among women; Percentage of employment in routine occupations; Average offshorability index of occupations; Census division dummies. (Autor, D. H. , Dorn, D. , & Hanson, G. H. . ,2013, P2137)

1. According to this paper, all the control variables represented by are exogenous. The dependent variable, is endogenous. Also, a concern for this equation is that US imports from China maybe correlated with industry import demand shocks. “Both US employment and imports maybe positively correlated with unobserved shocks to US product demand. (Autor, D. H. , Dorn, D. , & Hanson, G. H. . ,2013, P2129)”. In this case the OLS estimate of how increased imports from China, , affect US manufacturing employment may understate the true effect. Therefore, the paper also designed IV for and used 2SLS to solve this problem.
2. This model is static, linear and deterministic.
3. As the paper mentioned, Trade Adjustment Assistance (TAA) is responsible for providing support and income assistance for those workers losing their jobs because of global trading. This policy may have some slight impact on the results. We could consider add some other variables to control for this effect like the change in percentage of the number of workers who received assistance for TAA in this period.