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But concentration matters in well-defined markets, which, for many products, are local or regional, not national

And the reader also has little doubt that concentration has declined in most of those markets

### BIG QUESTION IN INDUSTRIAL ORGANIZATION: CAN WE INFER CHANGES IN MARKET POWER FROM CHANGES IN CONCENTRATION?

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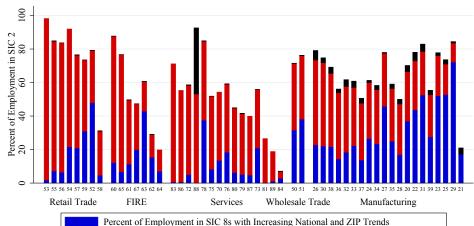
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I defer to Jan's comments about his approach to measuring market power, which I am sympathetic with

# FIGURE 7 FROM THE PAPER SHOWS WHICH INDUSTRIES ARE MOST PRONE TO DIVERGING TRENDS



Percent of Employment in SIC 8s with Increasing National and ZIP Trends

Percent of Employment in SIC 8s with Increasing National and Decreasing ZIP Trends

Percent of Employment in SIC 8s with Increasing National and Zero ZIP Trends

#### LOCAL OR NATIONAL MARKETS?

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Those on the right trade in national or international markets

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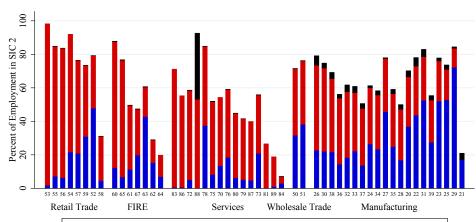
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Figure 7 shows that the truth lies in between

#### FIGURE 7



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Sectors undergoing NIR grow faster than other sectors, refuting market power stories and supporting productivity stories

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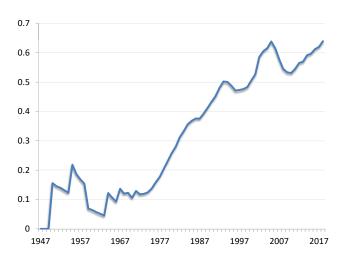
The Fixed Asset Tables report stocks of intellectual property by sector

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I show the ratio of the IP intensity of the NIR sector (trade, health, accommodation, and food services) to the non-NIR sector

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# IP INTENSITY OF NEW INDUSTRIAL REVOLUTION INDUSTRIES AS A RATIO TO OTHER INDUSTRIES



## Franchise contracting is a powerful tool for accomplishing the NIR

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The results are sharp: only 3 percent of sales economy-wide arise in franchised establishments, but 26 percent arise in franchised establishments in the NIR sectors

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# IN 5 NAICS 6-DIGIT INDUSTRIES, MORE THAN HALF OF TOTAL SALES OCCURRED IN FRANCHISED ESTABLISHMENTS

New car dealers
Limited-service restaurants (fast food)
Private mail centers
Diet and weight reducing centers
Optical goods stores

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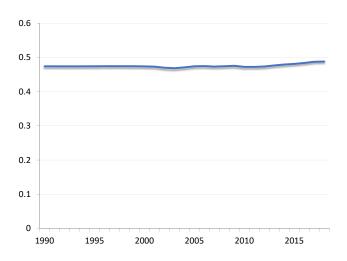
All are in the NIR sector

#### EMPLOYMENT EFFECTS

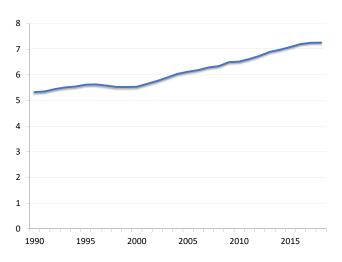
I thought that fast food might be more affected by NIR, but the employment fraction of fast-food among all restaurants is remarkably stable

.

### RATIO OF FAST-FOOD EMPLOYMENT TO TOTAL RESTAURANT EMPLOYMENT



# ON THE OTHER HAND, RESTAURANT EMPLOYMENT HAS RISEN SUBSTANTIALLY AS A FRACTION OF TOTAL NON-FARM EMPLOYMENT



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The growth of out-of-the-household food preparation and consumption relative to in-household has been noted in the context of the modeling of household production, but the paper offers a new explanation—the rising efficiency of restaurants

.

#### To conclude,

The team producing the papers I have discussed has made major contributions to understanding the interactions of market power and technology

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There a lot more to do, including more intensive study of individual industries

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