

Firm and Labor Adjustments to FDI Liberalization[†]

Ming-Jen Lin¹ Yi-Ting Wang¹ Sung-Ju Wu^{2‡}

¹National Taiwan University

²Duke University

May 11, 2023
(Paper Link)

[†]The travel grant provided by Duke Graduate School is gratefully acknowledged.

[‡]Corresponding author and presenter, sungju.wu@duke.edu.

Motivation

Motivation

- Foreign direct investments (FDI) and multinational productions are crucial components of international trade and global value chains
 - ▶ Flows of FDI over global GDP increase from 0.5% in 1970s to over 5% in mid-2000s (The Economist, 2022)
 - ▶ 90% of US trade flow through MNEs (Bernard et al., 2009)
- **FDI liberalization** can have a significant impact on domestic manufacturers and their workers
 - ▶ Domestic manufacturers: invest and reallocate resource abroad
 - ⇒ Positive effects from theory
 - ▶ Domestic workers: enjoy higher wages due to firm growth or be replaced by foreign workers
 - ⇒ Unclear effects from theory

Research Question and Preview

How does FDI liberalization affect the investment decisions of firms and the labor market outcomes of associated workers in the home country?

- Object: Electronic manufacturers and their workers in Taiwan (TW)
- Policy: Permission of 122 electronic products to be produced in China (CN) by the TW government in 2001
- Data:
 - ▶ Firm level: Matched parent-affiliate production data in TW and CN
 - ▶ Individual level: Matched employer-employee taxation data in TW

Research Question and Preview (continue)

How does FDI liberalization affect the investment decisions of firms and the labor market outcomes of associated workers in the home country?

- Findings:

- 1 Firm level: For TW electronic manufacturers affected by the policy,
 - Extensive margin: More likely to start outward FDI into CN
 - Intensive margin: More (less) workers in CN (TW), higher (lower) wages per worker in CN (TW), higher sales in TW & CN

Research Question and Preview (continue)

How does FDI liberalization affect the investment decisions of firms and the labor market outcomes of associated workers in the home country?

■ Findings:

- 1** Firm level: For TW electronic manufacturers affected by the policy,
 - Extensive margin: More likely to start outward FDI into CN
 - Intensive margin: More (less) workers in CN (TW), higher (lower) wages per worker in CN (TW), higher sales in TW & CN
- 2** Individual level: For incumbent workers employed by the FDI firms,
 - More likely to change jobs
 - Less likely to stay employed
 - Have less cumulated wages
 - Large heterogeneity: larger effects for low-wage and female workers

Research Question and Preview (continue)

How does FDI liberalization affect the investment decisions of firms and the labor market outcomes of associated workers in the home country?

■ Findings:

- 1 Firm level: For TW electronic manufacturers affected by the policy,
 - Extensive margin: More likely to start outward FDI into CN
 - Intensive margin: More (less) workers in CN (TW), higher (lower) wages per worker in CN (TW), higher sales in TW & CN
 - 2 Individual level: For incumbent workers employed by the FDI firms,
 - More likely to change jobs
 - Less likely to stay employed
 - Have less cumulated wages
 - Large heterogeneity: larger effects for low-wage and female workers
- FDI liberalization leads to **resource reallocation** of the TW electronic manufacturers and **income redistribution** for their workers in TW

Background: Taiwanese FDI in China

1980s-2000s

1980s: Chinese leader Deng Xiaoping started the economic reform, set up special economic zones along the east coast, and welcomed Taiwanese entrepreneurs to invest

Background: Taiwanese FDI in China

1980s-2000s

1980s: Chinese leader Deng Xiaoping started the economic reform, set up special economic zones along the east coast, and welcomed Taiwanese entrepreneurs to invest

1996-2000 ("no haste, be patient"):

- ▶ Prohibit 316 manufacturing products to produce in China
- ▶ Impose a maximum investment cap of 50 million USD on any single investment project

Background: Taiwanese FDI in China

1980s-2000s

1980s: Chinese leader Deng Xiaoping started the economic reform, set up special economic zones along the east coast, and welcomed Taiwanese entrepreneurs to invest

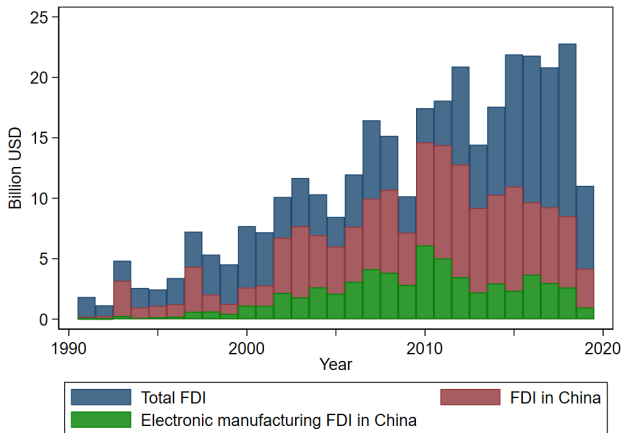
1996-2000 ("no haste, be patient"):

- ▶ Prohibit 316 manufacturing products to produce in China
- ▶ Impose a maximum investment cap of 50 million USD on any single investment project

2001-2007 ("active opening, effective management"):

- ▶ Remove the 50 million USD investment cap
- ▶ **Remove 122 high-tech projects from the list of "prohibited categories,"** including laptops, mobile phones, digital optical drives, computer hardware and software, communication products, and consumer electronics

Rising Taiwanese FDI into China Since 1990s



Related Literature

Globalization and firm internal organizations

- Production relocation and employment composition change (Burstein and Vogel, 2017; Hsieh and Woo, 2005; Hur et al., 2019; Bernard and Jensen, 1997; Menezes-Filho and Muendler, 2011; Tsou et al., 2013; Alvarez et al., 2022)
- Technology adoption and innovation (Lileeva and Trefler, 2010; Branstetter et al., 2021)

⇒ **Study a plausibly exogenous policy that affects firm participation in FDI**

Globalization and labor market outcomes

- Regional impact of trade liberalization (Topalova, 2010; Autor et al., 2013; Kovak, 2013; Dix-Carneiro and Kovak, 2017)
- Individual impact of trade liberalization (Autor et al., 2014; Dix-Carneiro, 2014; Dix-Carneiro and Kovak, 2019)

⇒ **Document strong redistributive impact of FDI liberalization**

Data

Data

Annual Survey of Industrial Firms, CN + Taiwan Economic Journal, TW

- Period: 1998-2007
- Sample: Taiwanese electronic manufacturers and their Chinese affiliates
- # employees, total wage bills, fixed assets, total sales, export sales etc.

Admin. Data from Fiscal Information Agency, TW

- Period: 2001-2007
- Matched employer-employee data on different income sources
- Caveat: no info on length of work or skill level of workers; firm id missing from 1998 to 2000

Firm-level Analysis

Empirical Strategy

Matched difference-in-differences exploiting a policy change in Taiwan in 2001.

- **Policy:** Permission of 122 electronic products to be produced in CN

Empirical Strategy

Matched difference-in-differences exploiting a policy change in Taiwan in 2001.

- **Policy:** Permission of 122 electronic products to be produced in CN
- **Treatment firms:** TW electronic manufacturers that
 - 1 have produced products related to the 122 products over 1998-2000
 - 2 have invested in China for at most one year over 1998-2000

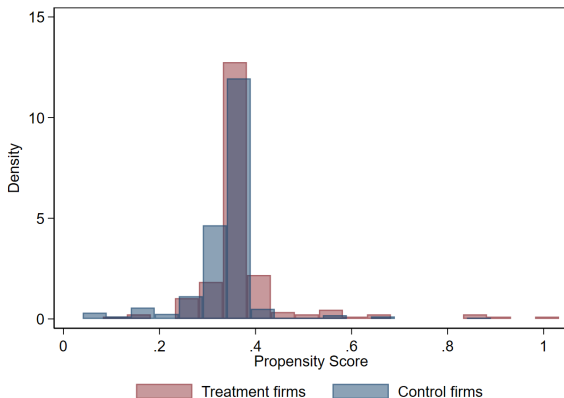
Empirical Strategy

Matched difference-in-differences exploiting a policy change in Taiwan in 2001.

- **Policy:** Permission of 122 electronic products to be produced in CN
- **Treatment firms:** TW electronic manufacturers that
 - 1 have produced products related to the 122 products over 1998-2000
 - 2 have invested in China for at most one year over 1998-2000
- **Control firms:** TW electronic manufacturers that
 - 1 have **never** produced products related to the 122 products over 1998-2000
 - 2 have invested in China for at most one year over 1998-2000
 - 3 have similar characteristics to the treatment firms by **one-to-one matching**

Matching Result

- **One-to-one** propensity score matching based on # workers, wage bills, sales, export sales over 1998-2000
- Common support is satisfied



Summary of Matched Firm Sample

Mean outcomes over 1998-2000

| | All | Treatment firm | Control firm | Difference |
|------------------------------|--------|----------------|--------------|------------|
| CN FDI | 0.33 | 0.35 | 0.31 | -0.04 |
| CN FDI SIC3 | 0.03 | 0.04 | 0.02 | -0.02 |
| # affiliates | 1.22 | 1.28 | 1.14 | -0.14 |
| Parent # workers | 394.73 | 440.70 | 348.76 | -91.94 |
| Parent average wage bills | 4.68 | 5.19 | 4.17 | -1.02 |
| Parent total sales | 51.82 | 64.14 | 39.49 | -24.65 |
| Parent export sales | 39.96 | 51.51 | 28.41 | -23.10 |
| Affiliate # workers | 770.16 | 764.50 | 779.16 | 14.66 |
| Affiliate average wage bills | 1.36 | 1.35 | 1.38 | 0.03 |
| Affiliate total sales | 51.99 | 53.08 | 50.25 | -2.83 |
| Affiliate export sales | 32.61 | 28.94 | 38.44 | 9.50 |
| Observations | 348 | 174 | 174 | 348 |

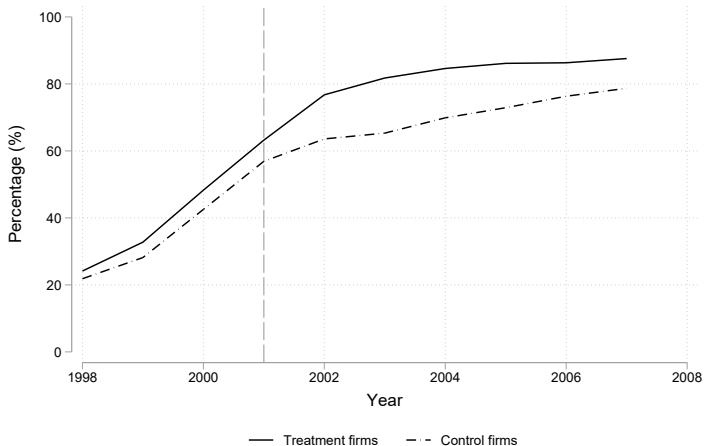
The unit of sales and wages is 1000 USD.

► Kernel matching

► Full sample

Treatment Firms More Likely to Invest in China

Outcome: Have CN Affiliates

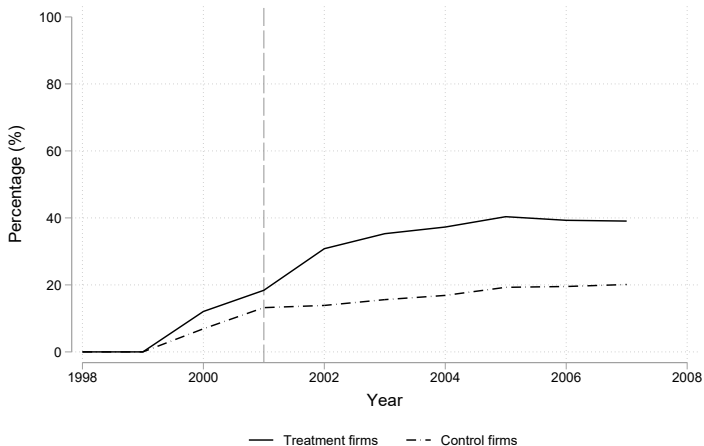


▸ Kernel matching

▸ Full sample

Treatment Firms More Likely to Invest in China

Outcome: Have CN Affiliates in the Same 3-digit Industry



Empirical Specification

DID and Event Study of the 2001 Policy Treatment

For firm j in industry k and year t :

$$Y_{jkt} = \alpha_0 + \alpha_1 Treatment_j \times Post_t + Year_t + Firm_j + \varepsilon_{jkt}$$

$$Y_{jkt} = \alpha_0 + \sum_{t'=1998}^{2007} \alpha_{t'} Treatment_j \times Year_{t'} + Year_t + Firm_j + \varepsilon_{jkt}$$

Y_{jkt} includes:

- Extensive margins: $\mathbb{1}(\text{Exit the market})$, $\mathbb{1}(\text{FDI in CN})$, $\mathbb{1}(\text{FDI in the same 3-digit industry in CN})$
- Intensive margins: affiliate/parent $\#$ employees, affiliate/parent wage bill, affiliate/parent total sales, affiliate/parent export sales.

DID: Extensive Margins

| | (1) Exit | (2) CN FDI | (3) CN FDI SIC3 |
|-------------------------|------------------|--------------------|-----------------------|
| Treatment*Post | 0.002 (0.004) | 0.082** (0.037) | 0.163** (0.070) |
| Year FE | Yes | Yes | Yes |
| Firm FE | Yes | Yes | Yes |
| Pre-policy control mean | 0 | 0.308 | 0.023 |
| Observations | 3480 | 3480 | 3480 |

Standard errors are clustered at the 3-digit industry level.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Event Study: Extensive Margins

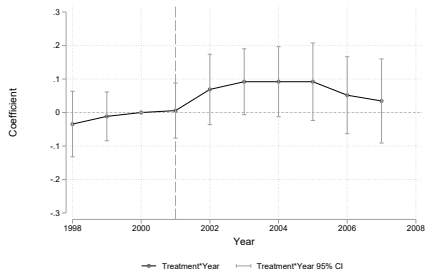


Figure: CN FDI

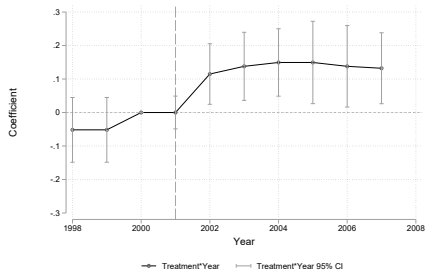


Figure: CNFDI SIC3

DID: Intensive Margins

Outcomes in Log

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|----------------|-----------|---------|-----------------------|---------|-------------|---------|--------------|---------|
| | TW | CN | TW | CN | TW | CN | TW | CN |
| Outcome | # Workers | | Wage Bills Per Worker | | Total Sales | | Export Sales | |
| Treatment*Post | -0.313* | 0.511 | -0.228 | 0.507* | 0.380 | 0.481 | -0.025 | 0.770** |
| | (0.172) | (0.287) | (0.164) | (0.244) | (0.201) | (0.288) | (0.475) | (0.284) |
| Year FE | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Firm FE | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| N | 300 | 280 | 250 | 300 | 150 | 290 | 150 | 230 |

Standard errors are clustered at the 3-digit industry level.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Worker-level Analysis

Summary of Incumbent Workers

2001 vs. 2007

| | Treated worker | Untreated worker |
|-------------------------------|----------------|------------------|
| Male (%) | 54.2 | 52.7 |
| Age in 2001 | 32.7 | 32.0 |
| Wage in 2001 (1000 USD) | 17.7 | 17.6 |
| Wage in 2007 (1000 USD) | 18.9 | 20.3 |
| Left initial firm by 2007 (%) | 67.7 | 53.7 |
| Number of workers | 61,468 | 49,958 |

- Treated workers: Workers employed by the treatment firms in 2001
- Untreated workers: Workers employed by the control firms in 2001

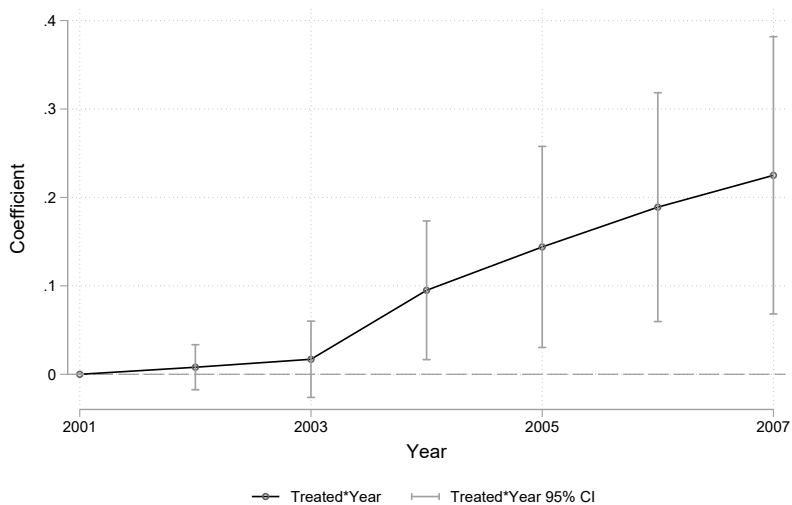
Empirical specification

Incumbent worker i employed by firm j , industry k in 2001:

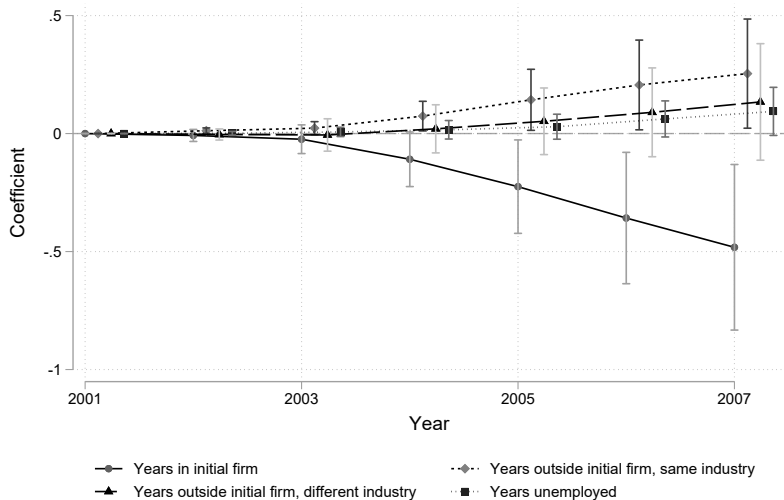
$$Y_{ijkt} = \alpha_t Treated_j + Industry_k + X_{ijk2001} + \zeta_{ijkt}$$

- Y_{ijkt} : Cumulative outcomes from 2001 up to year $t \in [2002, 2007]$
 - ▶ Job transitions
 - ▶ Years w/ positive wages by worker destination
 - ▶ Normalized wage (w.r.t wage in 2001) by worker destination
- $Treated_j$: whether main employer in 2001 is a treatment firm
- $X_{ijk2001}$: age, age², gender, & marital status in 2001

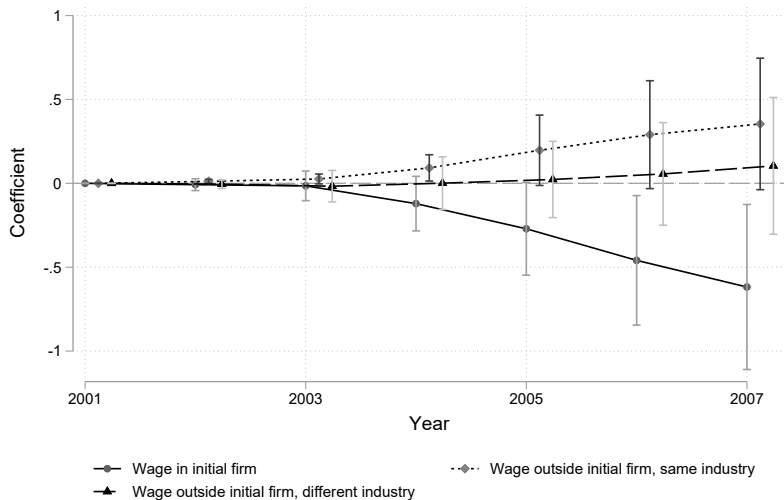
Cumulative Job transitions



Employment Years By Destination



Cumulative Wage By Destination



Heterogeneity by Initial Wages

| | Job transition | Years employed | | | | Years unemployed |
|----------------------|---------------------|----------------------|----------------------|---------------------|---------------------|---------------------|
| | | Overall | Initial firm | Initial industry | Other industries | |
| Treated*<p25 | 0.251** (0.079) | -0.098 (0.059) | -0.687** (0.224) | 0.182* (0.072) | 0.408* (0.182) | 0.098 (0.059) |
| Treated*p25-p50 | 0.305*** (0.073) | -0.226*** (0.061) | -0.802*** (0.172) | 0.198* (0.091) | 0.379* (0.144) | 0.226*** (0.061) |
| Treated*p50-p75 | 0.229*** (0.053) | -0.250*** (0.070) | -0.544*** (0.125) | 0.053 (0.062) | 0.241** (0.082) | 0.250*** (0.070) |
| Treated*p75-p90 | 0.000 (0.074) | -0.069 (0.043) | 0.046 (0.151) | -0.106 (0.071) | -0.010 (0.100) | 0.069 (0.043) |
| Treated | 0.051 (0.072) | 0.019 (0.046) | -0.040 (0.182) | 0.154* (0.062) | -0.096 (0.193) | -0.019 (0.046) |
| Control mean in 2007 | 0.950 | 6.385 | 4.755 | 0.474 | 1.157 | 0.615 |
| Observations | 111,426 | 111,426 | 111,426 | 111,426 | 111,426 | 111,426 |

Heterogeneity by Initial Wages

| | Wages earned | | | |
|----------------------|----------------------|----------------------|--------------------|--------------------|
| | Overall | Initial firm | Initial industry | Other industries |
| Treated*<p25 | -0.692* (0.276) | -1.317*** (0.260) | 0.106 (0.165) | 0.519** (0.188) |
| Treated*p25-p50 | -0.974*** (0.240) | -1.463*** (0.273) | 0.148 (0.145) | 0.341* (0.141) |
| Treated*p50-p75 | -1.138*** (0.235) | -1.248*** (0.253) | -0.054 (0.101) | 0.164 (0.098) |
| Treated*p75-p90 | -0.986*** (0.213) | -0.656* (0.255) | -0.226 (0.141) | -0.104 (0.108) |
| Treated | 0.707* (0.314) | 0.455 (0.250) | 0.341** (0.107) | -0.089 (0.280) |
| Control mean in 2007 | 7.136 | 5.304 | 0.583 | 1.249 |
| Observations | 111,426 | 111,426 | 111,426 | 111,426 |

Heterogeneity by Worker Gender

| | Job transitions | Years employed | | | | Years unemployed |
|----------------------|----------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
| | | Overall | Initial firm | Initial industry | Other industries | |
| Treated*Male | -0.186*** (0.037) | 0.182*** (0.045) | 0.547*** (0.091) | -0.190* (0.081) | -0.175* (0.076) | -0.182*** (0.045) |
| Treated | 0.320*** (0.084) | -0.187 (0.072) | -0.763*** (0.197) | 0.352** (0.129) | 0.224* (0.110) | 0.187* (0.072) |
| Control mean in 2007 | 0.950 | 6.385 | 4.755 | 0.474 | 1.157 | 0.615 |
| Observations | 111,426 | 111,426 | 111,426 | 111,426 | 111,426 | 111,426 |

Heterogeneity by Worker Gender

| | Wage earned | | | |
|----------------------|-------------------|---------------------|-------------------|-------------------|
| | Overall | Initial firm | Initial industry | Other industries |
| Treated*Male | 0.259* (0.120) | 0.523*** (0.138) | -0.205 (0.110) | -0.058 (0.103) |
| Treated | -0.294 (0.247) | -0.887** (0.255) | 0.459* (0.210) | 0.134 (0.168) |
| Control mean in 2007 | 7.136 | 5.304 | 0.583 | 1.249 |
| Observations | 111,426 | 111,426 | 111,426 | 111,426 |

Conclusion

- The effect of FDI liberalization is potentially substantial but less studied
- The liberalization policy in Taiwan provides a great natural experiment to study the effect
- Treatment firms increased FDI in China at extensive and intensive margins
- Incumbent workers of the treatment firms were more likely to change jobs, became unemployed, and accumulated less wages
- Larger negative effects for low-wage and female workers
- Rising FDI into China could have substantial aggregate effects

Thank you!

Please share comments and suggestions.

sungju.wu@duke.edu

Reference I

- Alviarez, V., Chen, C., Pandalai-Nayar, N., Varela, L., Yi, K.-M., and Zhang, H. (2022). Multinationals and structural transformation.
- Autor, D. H., Dorn, D., and Hanson, G. H. (2013). The China syndrome: Local labor market effects of import competition in the United States. *American Economic Review*, 103(6):2121–2168.
- Autor, D. H., Dorn, D., Hanson, G. H., and Song, J. (2014). Trade adjustment: Worker-level evidence. *The Quarterly Journal of Economics*, 129:1799–1860.
- Bernard, A. B. and Jensen, J. B. (1997). Exporters, skill upgrading, and the wage gap'. *Journal of International Economics*, 42.
- Bernard, A. B., Jensen, J. B., and Schott, P. K. (2009). Importers, Exporters, and Multinationals. In *Producer Dynamics*, pages 513–556. University of Chicago Press, Cambridge, MA.

Reference II

- Branstetter, L., Chen, J.-R., Glennon, B., and Zolas, N. (2021). Does offshoring production reduce innovation: Firm-level evidence from taiwan.
- Burstein, A. and Vogel, J. (2017). International trade, technology, and the skill premium. *Journal of Political Economy*.
- Dix-Carneiro, R. (2014). Trade Liberalization and Labor Market Dynamics. *Econometrica*, 82(3):825–885.
- Dix-Carneiro, R. and Kovak, B. K. (2017). Trade liberalization and regional dynamics. *American Economic Review*, 107:2908–2946.
- Dix-Carneiro, R. and Kovak, B. K. (2019). Margins of labor market adjustment to trade. *Journal of International Economics*, 117:125–142.
- Hsieh, C. T. and Woo, K. T. (2005). The impact of outsourcing to china on hong kong's labor market. *American Economic Review*, 95:1673–1687.

Reference III

- Hur, J., Yoon, H., and Ahn, T. (2019). Occupational composition within multinational firms: Evidence from Korean employer-employee matched data. *Global Economic Review*, 48:144–160.
- Kovak, B. K. (2013). Regional Effects of Trade Reform : What is the Correct Measure of Liberalization? *American Economic Review*, 103(5):1960–1976.
- Lileeva, A. and Trefler, D. (2010). Improved access to foreign markets raises plant-level productivity... for some plants. *Quarterly Journal of Economics*, 125:1051–1099.
- Menezes-Filho, N. A. and Muendler, M.-A. (2011). Labor reallocation in response to trade reform. *National Bureau of Economic Research Working Paper Series*, No. 17372.
- Rambachan, A. and Roth, J. (2023). A more credible approach to parallel trends. *The Review of Economic Studies*.

Reference IV

- Topalova, P. (2010). Factor immobility and regional impacts of trade liberalization: Evidence on poverty from India. *American Economic Journal: Applied Economics*, 2(4):1–41.
- Tsou, M. W., Liu, J. T., Hammitt, J. K., and Chang, C. F. (2013). The impact of foreign direct investment in china on employment adjustments in taiwan: Evidence from matched employer-employee data. *Japan and the World Economy*, 25-26:68–79.

Summary of firm outcomes, 1998-2000

Full sample

| | All | Treatment firm | Control firm | Difference |
|------------------------------|--------|----------------|--------------|------------|
| CN FDI | 0.33 | 0.39 | 0.29 | -0.10** |
| CN FDI SIC3 | 0.06 | 0.09 | 0.04 | -0.06*** |
| # affiliates | 1.25 | 1.28 | 1.23 | -0.05 |
| Parent # workers | 472.64 | 474.15 | 471.78 | -2.37 |
| Parent average wage bills | 5.22 | 5.61 | 5.01 | -0.59 |
| Parent total sales | 53.67 | 71.89 | 43.30 | -28.58* |
| Parent export sales | 39.47 | 58.44 | 28.68 | -29.76* |
| Affiliate # workers | 851.17 | 866.23 | 837.98 | -28.25 |
| Affiliate average wage bills | 1.43 | 1.53 | 1.35 | -0.17 |
| Affiliate total sales | 49.29 | 67.94 | 32.97 | -34.97 |
| Affiliate export sales | 34.41 | 43.65 | 26.32 | -17.33 |
| Observations | 533 | 190 | 343 | 533 |

The unit of sales and wages is 1000 USD.

Summary of Firm Outcomes, 1998-2000

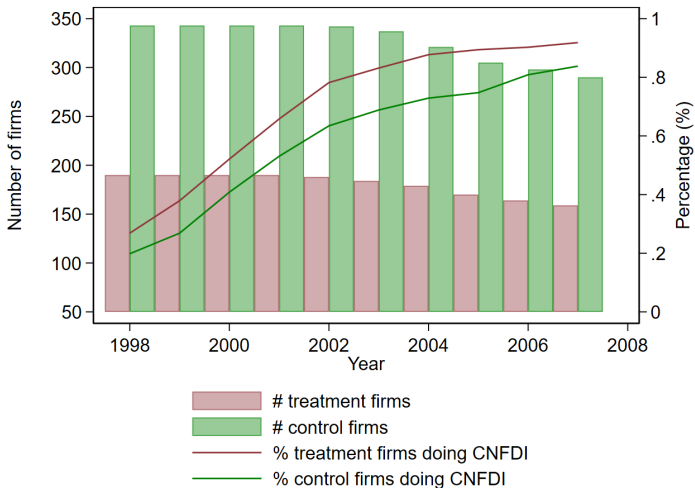
Kernel matching sample

| | All | Treatment firm | Control firm | Difference |
|------------------------------|--------|----------------|--------------|------------|
| CN FDI | 0.30 | 0.35 | 0.28 | -0.07 |
| CN FDI SIC3 | 0.03 | 0.04 | 0.02 | -0.02 |
| # affiliates | 1.22 | 1.28 | 1.19 | -0.09 |
| Parent # workers | 462.38 | 440.70 | 474.10 | 33.40 |
| Parent average wage bills | 5.04 | 5.17 | 4.97 | -0.20 |
| Parent total sales | 47.31 | 63.89 | 38.43 | -25.46* |
| Parent export sales | 33.68 | 51.26 | 24.27 | -26.99* |
| Affiliate # workers | 698.66 | 764.50 | 647.46 | -117.04 |
| Affiliate average wage bills | 1.23 | 1.35 | 1.13 | -0.21 |
| Affiliate total sales | 40.88 | 53.08 | 31.38 | -21.70 |
| Affiliate export sales | 26.34 | 28.94 | 24.31 | -4.64 |
| Observations | 511 | 175 | 336 | 511 |

The unit of sales and wages is 1000 USD.

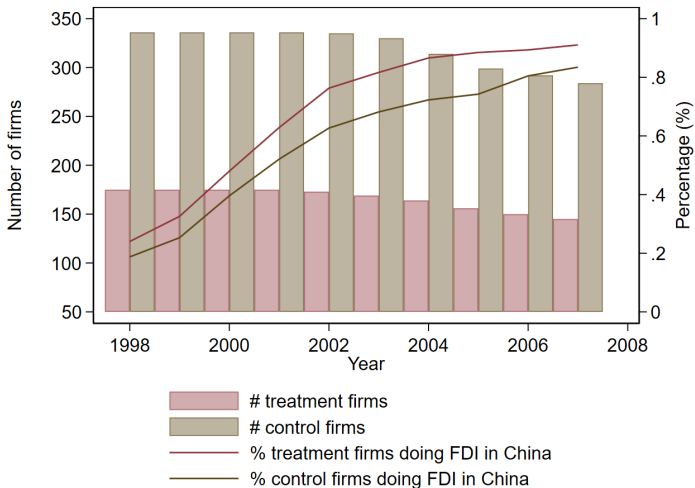
Treatment and Control Firms by Year

Doing FDI in China for full sample



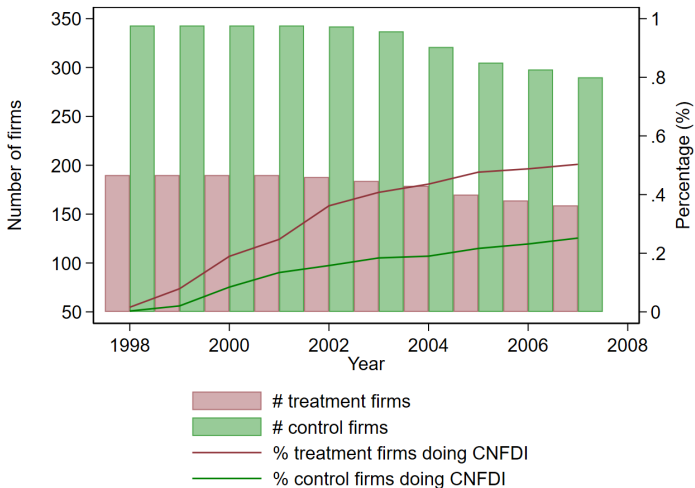
Treatment and Control Firms by Year

Doing FDI in China for kernel matching sample



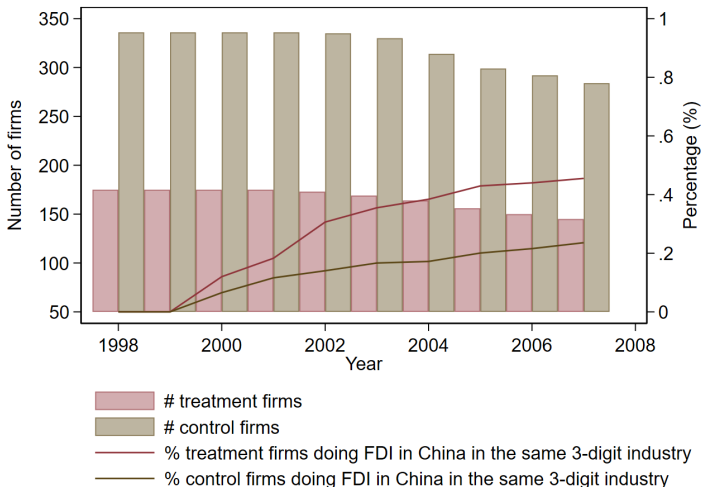
Treatment and Control Firms by Year

Doing FDI in China in the same 3-digit industry for full sample

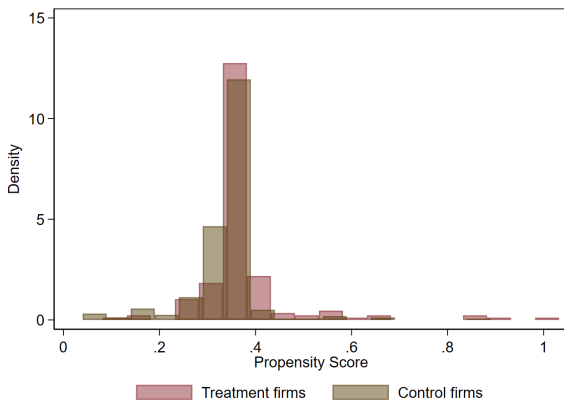


Treatment and Control Firms by Year

Doing FDI in China in the same 3-digit industry for kernel matching sample



Estimated Propensity Scores for Kernel Matching



DID: Extensive Margins

Kernel Matching Sample

| | (1) Exit | (2) CN FDI | (3) CN FDI SIC3 |
|-------------------------|------------------|------------------|-----------------------|
| Treatment*Post | 0.002 (0.004) | 0.047 (0.031) | 0.155* (0.076) |
| Year FE | Yes | Yes | Yes |
| Firm FE | Yes | Yes | Yes |
| Pre-policy control mean | 0 | 0.279 | 0.022 |
| Observations | 5110 | 5110 | 5110 |

Standard errors are clustered at the 3-digit industry level.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

DID: Extensive Margins

Full Sample

| | (1) Exit | (2) CN FDI | (3) CN FDI SIC3 |
|-------------------------|------------------|------------------|-----------------------|
| Treatment*Post | 0.000 (0.005) | 0.028 (0.027) | 0.146* (0.071) |
| Year FE | Yes | Yes | Yes |
| Firm FE | Yes | Yes | Yes |
| Pre-policy control mean | 0 | 0.291 | 0.036 |
| Observations | 5330 | 5330 | 5330 |

Standard errors are clustered at the 3-digit industry level.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

DID: Intensive Margins

Outcomes in Level

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------|-----------|-----------|-----------------------|---------|-------------|-----------|--------------|-----------|
| | TW | CN | TW | CN | TW | CN | TW | CN |
| Outcome | # workers | | Wage bills per worker | | Total sales | | Export sales | |
| Treatment | -607.342 | 1856.475* | -7.126* | 5.073 | 361.903 | 397.685* | 415.767 | 376.429* |
| *Post | (411.408) | (894.928) | (3.633) | (4.050) | (298.915) | (182.646) | (279.423) | (182.974) |
| Year FE | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Firm FE | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| N | 298 | 298 | 298 | 298 | 298 | 298 | 298 | 298 |

Standard errors are clustered at the 3-digit industry level.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Results Are Robust Allowing For Linear Time Trend

- Sensitivity check following Rambachan and Roth (2023)
E.g. the event study estimate for CN FDI SIC 3 in 2004

