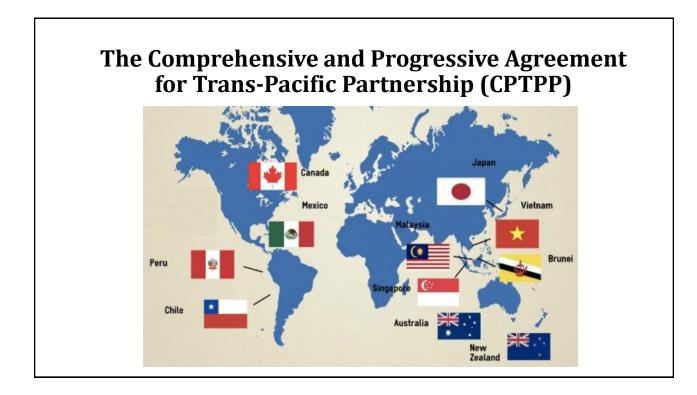
Predicting the Economic Effects of Vietnam's International Integration

Evidence from the 2018 Vietnam Provincial Competitiveness Index Foreign and Domestic Surveys

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Key Predications from PCI Data

- Vietnam's entry into CPTPP will have a positive impact on the country's integration into global value chains.
 - <u>Why?</u> Both foreign and domestic companies feel more confident about dispute resolution procedures and are more likely to engage in long term contracting.
 - Both foreign and domestic companies will increase sales by 4%, above and beyond current partnerships
 - Increases will most likely occur in partnerships with companies in international supply chains (MNCs, 3rd Party Buyers)
- Ironically, United States' 10% across the board tariffs on Chinese products are likely to lead to a significant improvement in labor conditions in Vietnam factories.
 - <u>Why?</u> To take advantage of new export opportunities to United States, companies need to recruit higher skilled labor, managers, and technicians.
 - Labor conditions improvements will primarily occur in increased wages and social benefits.

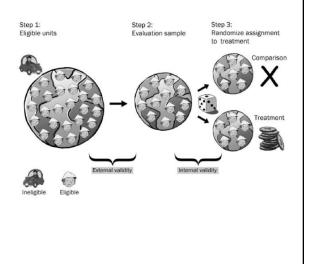
Brief Methodology



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What is a Survey Experiment?

- Use random assignment
- Manipulate at least one variable to evaluate response
- Generates a cause-effect relationship, because I know exactly what was manipulated.
- We use "priming" experiments, meaning I manipulate a small piece of information to prime respondents to unconsciously think in a certain way.
- I then evaluate those response against a control treatment.



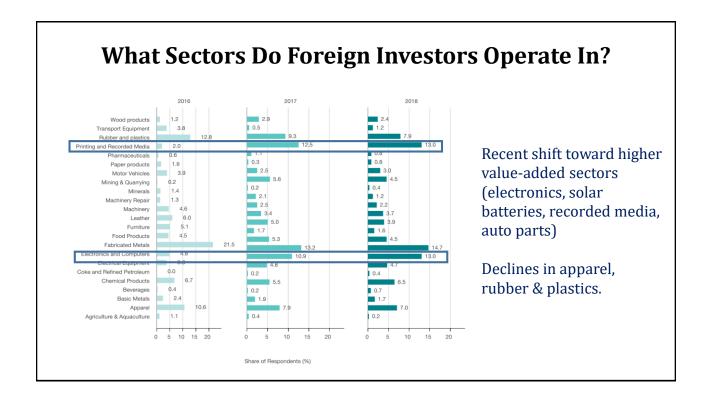


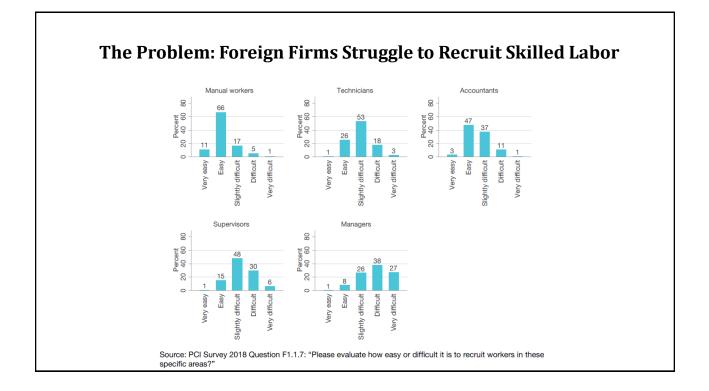
Analysis 1: The Impact of the Trump Administration's Tariffs on China.

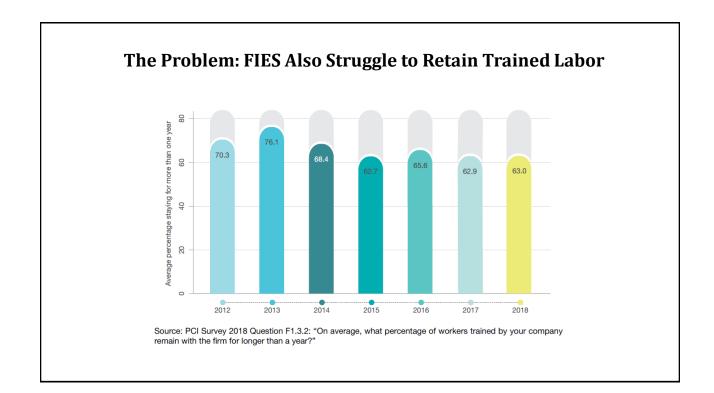
Global Value Chains in Vietnam

- 50 to 60% value added generated via global value chains (GVCs)
- Vietnam ranks highly in GVC participation index
- Vast majority of manufacturing exports from FIEs
- FIEs in Vietnam often follow China Plus One strategy.
 - Typically small and export-focused.
 - Historically, played least value role in supply chains
 - assembly, low-tech production in garments and plastics
 - Sectoral composition is now changing.

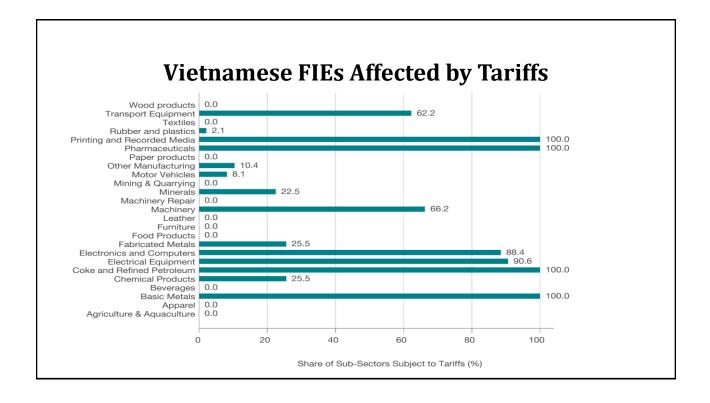




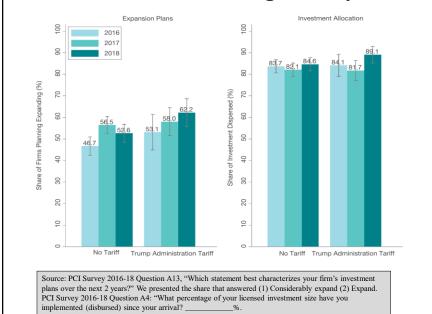






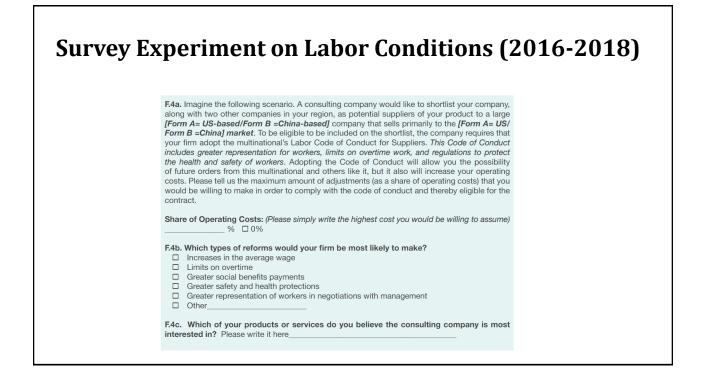


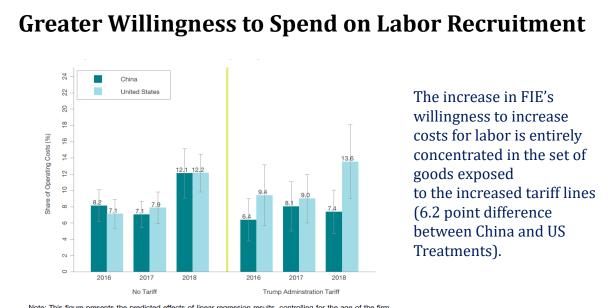
Evidence of Increased Foreign Activity in Sectors Affected by Tariffs



In 2018, FIEs producing products that were listed in Trump Administration tariffs increased their willingness to expand to 62% and increased dispersion of existing investment to 89%.

FIEs in other product lines were much less active.





Note: This figure presents the predicted effects of linear regression results, controlling for the age of the firm, the initial labor size, and two-digit sector fixed effects. Standard errors are clustered among firms from the same home country.

Likelihood of Labor Improvement by Labor Condition (Share of Firms Willing to Engage in Actvity)

Two of the bar Defermines	USA		<u>China</u>		Difference in Difference (95% Cl)		
Type of Labor Reform	No Tariff	Tariff	No Tariff	Tariff	β	Low	High
Increases in average wage	44.7	48.9	48.4	38.6	13.9	5.8	22.0
Limits on overtime	40.7	44.5	43.9	40.0	7.6	-2.8	18.1
Greater social benefits payments	24.9	33.6	26.4	19.7	15.4	-2.7	33.5
Greater safety and health protections.	55.1	53.2	50.2	45.6	2.7	-8.4	13.8
Greater representation of workers in negotiations with management	19.2	19.7	18.4	11.6	7.4	-1.6	16.3
Other	0.6	3.3	2.9	2.1	3.4	-1.4	8.3

Note: This table presents the predicted effects of linear regression results, controlling for the age of the firm, the initial labor size, and two-digit sector fixed effects. Standard errors are clustered among firms from the same home country.





Analysis 2: The Impact of CPTPP on Foreign Contracting

Vietnamese Firms Not Integrated into Supply Chains

"Vietnam needs to move to a higher position in global value chains and strengthen the connectivity between Vietnamese and FDI businesses,"

- Prime Minister Nguyễn Xuân Phúc at the World Economic Forum-ASEAN Summit, 9/13/2018

Major Customers of Domestic and Foreign Firms

		Domestic Origin			
Year	Year SOEs Government		Private Individual	Private Company	
	%	%	%	%	
2016	24.7	28.9	61.6	62.1	
2017	22.8	27.8	63.9	60.5	
2018	23.8	27.8	65.7	63.8	
		Foreign Origin			
Year	ear Foreign Foreign Com Individuals		Exported Directly	Exported Indirectly	
	%	%	%	%	
2016	7.8	14.1	9.8	7.5	
2017	7.0	13.9	8.4	6.8	
2018	7.7	14.6	8.4	7.4	

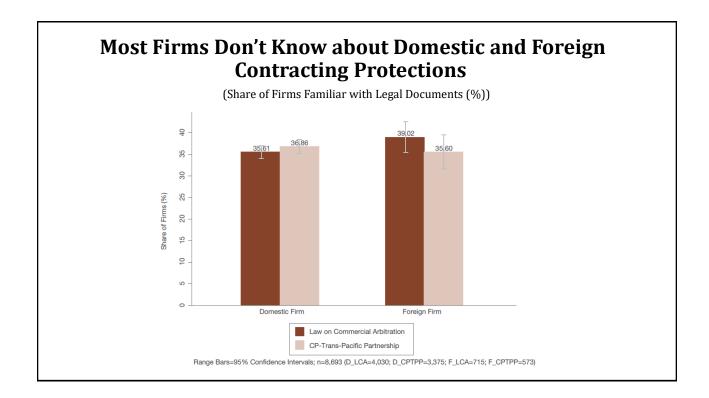
Based on question A11, "Please choose the main customers of your firm (Please check all categories that apply)."

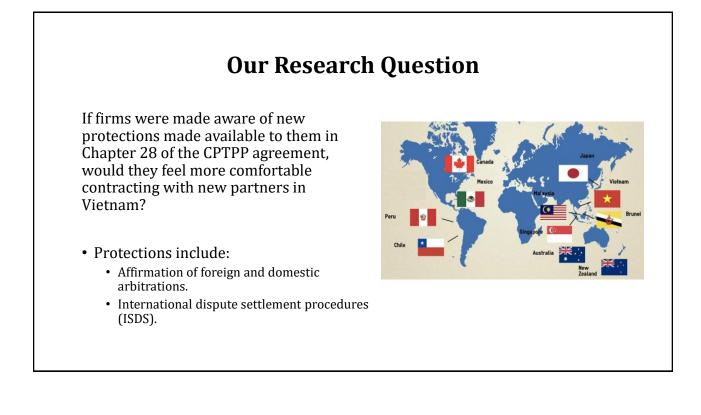
The Problem: Firms Don't Trust Courts

Variable	Private	Foreign	
	%	%	
Dispute in last two years	3.9	20.2	
Nould use court in dispute	39.4	2.0	
Why didn't you use the courts?			
Takes too long	35.8	7.8	
Expensive	23.0	5.1	
Bribe required	23.2	3.5	
Low capacity of officials	8.3	1.4	
Reveals trade secrets	16.0	2.5	
Other methods better	40.0	15.4	

The Problem: Foreign Firms Are Not Confident in Alternative Dispute Resolution

Outside of courts, what other means do you use to ensure the sanctity of contracts in your province? (Check all that apply)	%
International arbitration	18.07
Local arbitration	18.49
Appeal to local government officials	15.97
Appeal to home country embassy/consulate.	10.08
Write contracts with incentive structures and staged-implementation to encourage compliance	41.60
Only do business with close friends and family	2.52
Asking an influential person in the government to handle	5.88
Bring media attention to the case	3.36
Using criminal gangs, mafia groups	0.42





Survey Experiment

5. FORM A: "Vietnam recently passed the **Law on Commercial Arbitration (LCA)**. Articles 2 and 5 of the domestic law give firms in Vietnam more opportunities to address disputes with business partners. The law allows for disputants to seek binding arbitration over contracts in Vietnamese economic courts, but also in local and international arbitration centers. The article will protect businesses from discrimination, uncompensated seizure of property, denial of justice, intellectual property theft, and ensure free movement of capital."

5. FORM B: "Vietnam recently joined the **Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP)**, an international trade and investment arrangement involving eleven countries. Chapter 28 of the international agreement gives firms in Vietnam more opportunities to address disputes with business partners. *The law allows for disputants to seek binding arbitration over contracts in Vietnamese economic courts, but also in local and international arbitration centers. The chapter will protect businesses from discrimination, uncompensated seizure of property, denial of justice, intellectual property theft, and ensure free movement of capital.*"

How Much Will No Agreement Increase Sales?

5.4. "Please estimate the effect of the [Form A=Domestic Law/Form B=new International Agreement] on sales growth for your business next year."

Increase by____%

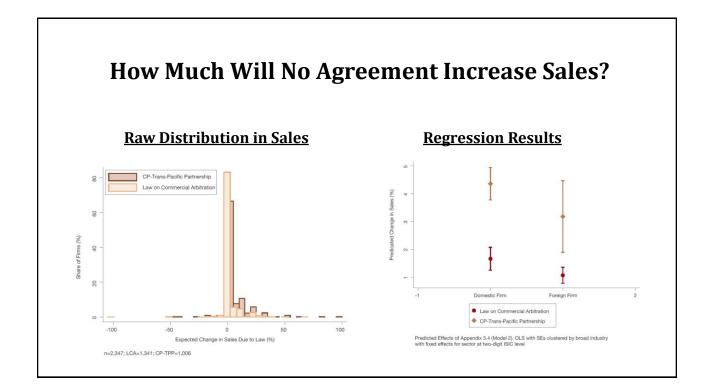
Decrease by _____%

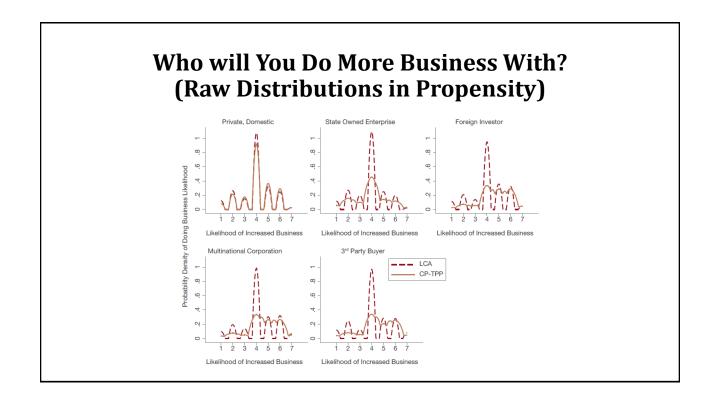
No change_0%

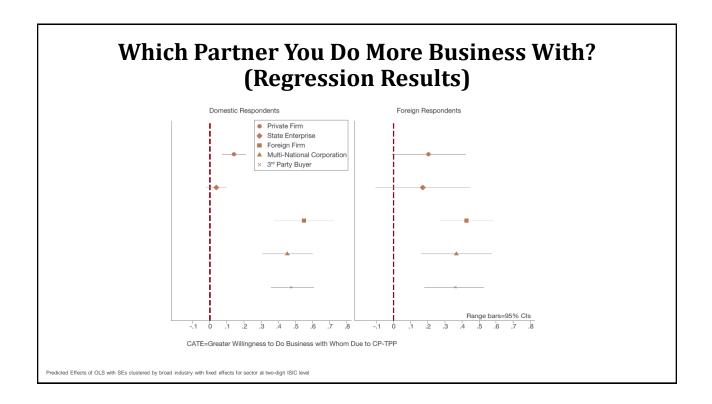
Who Will You Do More Business With?

5.3. "We are interested in how this new **[Form A=Domestic Law/Form B=International Agreement]** will affect your contracting decisions in Vietnam." Are you more or less likely to do business with the following partners?"

Partner	<u>Much</u> <u>Less</u> Likely	<u>Less</u> <u>Likely</u>	<u>Somewhat</u> <u>Less</u> Likely	<u>No</u> <u>Change</u>	<u>Somewh</u> <u>at More</u> Likely	<u>More</u> <u>Likely</u>	<u>Much More</u> <u>Likely</u>
	1	2	3	4	5	6	7
5.3.1. Vietnamese Private Firm							
5.3.2 Vietnamese State Owned Firm							
5.3.3 Foreign Firm in Vietnam							
5.3.4 Branch of Foreign Multinational Corporation							
5.3.5 Overseas 3rd Party Buyers							







Takeaways

- Vietnam's entry into CPTPP will have a positive impact on the country's integration into global value chains.
- We find that both LCA and CPTPP encourage greater business partnerships, but the effect is far greater for those receiving the CPTPP treatment.
 - For domestic firms, predicted sales growth is 1.65 percent for those exposed to the LCA and 4.3 percent for those exposed to the CPTPP (a 2.7-point difference).
 - For foreign firms, the difference is smaller at 2.12 percentage points (1.05 v. 3.18 percent), but still statistically significant.
 - The positive effect of internationalization of contract enforcement does not differ dramatically whether the respondent was a private domestic firm or foreign investor
- The most likely business partners for the increased activity are foreign-invested enterprises, multinational corporations (MNCs), and third-party overseas buyers – precisely the actors involved in GVCs.
- While the CPTPP also has a positive effect on potential partnerships with domestic private enterprises, the size of the increase is far less substantial.
- **BUT:** Effects could be higher if firms were more aware of the protections available to them.