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Impacts of firm GVC participation on productivity⁺: A Case of Japanese Firms

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Abstract

This article examined the effect of participation in global value chains (GVCs) on productivity for Japanese manufacturing firms by using firm-level data obtained from the Basic Survey of Japanese Business Structure and Activities [Kigyo Katsudo Kihon Chosa], Ministry of Economy, Trade and Industry. We define a firm that is engaged in both importing and exporting as a GVC firm. Our analysis is conducted for the period 1994-2018, and it covers approximately 10,000 firms for each year with some variation during the period. We combine the Propensity Score Matching (PSM) and Difference in Differences (DID) estimation methods in order to examine the impact of a shift from being a non-GVC firm to a GVC firm, or participation in GVCs by a non-GVC firm, on its productivity. To test the importance of experience in GVC participation on productivity (learning effect), we estimated the impact not only for the first year of GVC participation but also for subsequent five years. Our analysis showed the impact of GVC participation on productivity is positive for our 110 estimations with few exceptions, and the estimated coefficients are statistically significant for approximately 35 percent of the cases. These findings indicate that the impact of GVC participation on productivity for Japanese manufacturing firms is generally positive, but the impact is not very strong. We also found that the magnitude of the positive coefficient increased over time, indicating that it takes GVC participating firms time and the accumulation of experience to assimilate new technology and management know-how they acquired through GVC participation.

Keywords: Global Value Chains; Productivity *JEL Classification*: D24; F14; L11

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1. Introduction

Global value chains (GVCs) have been attracting a lot of attention from many people including policymakers, business people, and researchers as GVCs have steadily become an increasingly important international economic activity and engine of economic growth globally. According to the World Bank (2020), as much as 50% of world trade involves GVCs. GVCs have been constructed by multinational corporations (MNCs), as they fragment production processes into various tasks and base them in various countries/locations where particular tasks can be conducted most efficiently, to achieve efficient production systems, through foreign direct investment (FDI). Specifically, tasks that require labor-intensive operations are located in low-wage countries, while tasks that require high-skilled labor are in countries with abundant high-skilled laborers. GVCs give rise to the active transactions of intermediate inputs produced or processed by different tasks across borders, expanding international trade. A key driver of the expansion of GVCs is a decline in the cost of conducting trade and FDI, which in turn is mainly due to the liberalization of trade and FDI policies, alongside technological progress and deregulation in the transportation and communication services.

Japanese MNCs (hereafter, Japanese firms) have been major participants of GVCs since the mid-1980s. Faced with a sharp appreciation of the Japanese yen in the mid-1980s, Japanese firms began to pursue a fragmentation strategy and locate various tasks in various locations, especially in Northeast and Southeast Asian countries by actively undertaking FDI. These locations provided Japanese firms with a lot of opportunities for the fragmentation of production systems and construction of GVCs, as they comprised countries with different levels of economic development or factor endowment, which is reflected in different wage levels, and as they liberalized trade and FDI policies to attract FDI. Active FDI by Japanese firms led to a sharp increase in the proportion of their overseas sales to parent companies' sales from 8.7% in 1985 to 38.9% in 2015 before a slight decline to 37.2% in 2019¹.

Firms participating in GVCs, which this paper defines as firms importing and exporting, expect to improve their performance. Several reasons may be presented behind such expectations. Participation in trade enables a firm to specialize in activities with a comparative advantage, to result in efficient use of its resources such as labor and capital. Through importing and exporting, a firm may be able to obtain information on superior technology and management know-how from foreign suppliers and buyers, respectively. Additionally, by importing, a firm can use high-quality foreign inputs and extract technology embodied in imported intermediates and capital goods. Through exporting, a firm faces tough competition in foreign markets, forcing them to improve competitiveness for survival. All of these mechanisms or processes associated with trade or GVCs are likely to improve the productivity of GVC participating firms.

This paper aims to examine if GVC participation has improved the productivity of Japanese firms. To test this hypothesis, we use the propensity score matching (PSM) method to identify the selection effect (whether high productivity firms can participate in GVCs); and the difference-indifferences (DID) method to examine the learning effect (whether participation in GVCs increases productivity). Simply testing if GVC firms exhibit higher productivity than non-GVC firms does not reveal the impact of GVC participation on productivity, because one may not know if a firm is a new GVC participant or continued participant. Naturally, we are interested in new GVC participants. To identify new participants, one needs to know the GVC status in the previous period. To test the

¹ Ministry of Economy, Trade and Industry, Basic Survey on Overseas Business Activities [Kaigai Jigyo Katsudo Kihon Chosa], various issues.

learning effect, one compares productivity of new GVC firms with non-GVC firms with similar characteristics in the previous period. The PSM method is useful in identifying those non-GVC firms, with which GVC firms are appropriately compared for productivity.

The remainder of the paper is organized as follows. Section 2 reviews studies on the effect of GVC participation on productivity. Section 3 provides descriptive analyses of the sample firms concerning the status of GVC participation and firms' productivity. Section 4 discusses the methodology and data used for analysis. Section 5 presents the estimation results and discussions. Lastly, Section 6 concludes the paper.

2. Literature Review

This section briefly reviews empirical studies regarding the effects of GVC participation on productivity. Empirical analyses have been performed using sector- and firm-level data. We review the studies using firm-level data². Because the research on GVCs began rather recently, the number of studies on their impact on productivity is limited. Therefore, we also review the studies on the impact of exporting and importing on productivity.

Baldwin and Yan (2014) examined the impact of a firm's GVC participation on labor productivity using Canada's Annual Survey of Manufactures data for 2002–2006. They defined a GVC participating firm as one engaged in importing and exporting simultaneously, and found that a firm's GVC participation improved productivity in the short and long term. Classifying the sources of imports and destinations of exports into two groups (high and low wage countries), they found that productivity increase is higher for the firms engaged in trading with high-wage countries. These findings suggest technology diffusion through importing high-quality intermediate goods and acquisition of technological knowledge from buyers in high-wage countries through exporting, respectively, supporting the learning by importing and exporting hypotheses.

Defining GVC firms as two-way (export and import) traders with possession of an internationally recognized quality certification, Del Prete, Giovannetti, and Marvasi (2017) investigated whether, and to what extent, GVC participation boosted the competitiveness of local firms through increased total factor productivity (TFP) and labor productivity using World Bank Enterprise Survey data for Egypt and Morocco in 2004 and 2007. Their analysis found that firms that enter GVCs perform better ex-ante (selection effect), and register additional productivity gain expost (learning effect).

Lu, Sun, and Chen (2016) measured GVC participation by the ratio of foreign value-added to total exports, using the Chinese Industrial Firm Database and China Customs Import and Export Database across 2000–2006, and analyzed the impact of a firm's GVC participation on TFP. They found an inverted U-shaped non-linear relationship between GVC participation and the productivity of Chinese firms. Defining GVC participation similarly to Lu, Sun and Chen, Ge et al. (2018) used the survey database of Chinese industrial firms from China's National Bureau of Statistics and Chinese customs transaction-level trade data over 2000–2007, to investigate the effect of a firm's GVC participation on its TFP. They confirmed that manufacturing enterprises in the People's Republic of China experience significant productivity improvement effects from GVC participation.

² For a review of the studies using sector-level data see, for example, Urata and Baek (2021)

Benkovskis et al. (2020) examined the effect of highly relevant exports regarding GVCs, such as intermediate goods, re-exports, and service exports, on a firm's productivity using data on financial statements and the international trade of Latvian firms over 2006–2014, and Estonian firms for 1995–2014. They found that exports related to GVCs increased a firm's productivity.

Although not explicitly analyzing the effect of GVC participation on productivity, several studies have examined the effects of exporting and importing on firm productivity. Since these two types of analyses, one on GVC participation and the other on trade participation, are closely related, we briefly review major studies on the effect of trade on productivity.

First are the studies on the effect of exporting on productivity (learning-by-exporting effect). Bernard and Jensen (1999) examined the characteristics and performance of 50,000–60,000 plants in the US across 1984–1992, and did not find evidence supporting the learning-by-exporting effect, as there were no significant differences in productivity between non-exporters and continued exporters. Whereas, Alvarez and Lopez (2005) found supporting evidence among Chilean firms. Using data from Slovenia, De Loecker (2013) showed that substantial productivity gains were associated with export entry. Whereas the studies on Japan, to our best knowledge, Kiyota and Kimura (2006) are the only ones that examined the impacts of exporting on productivity directly and rigorously. They analyzed panel data covering approximately 22,000 Japanese manufacturing firms for 1994–2000 and found that exporters achieved higher TFP growth compared to non-exporters, and TFP growth is the highest for continued exporters, followed by export starters, and the lowest for export stoppers.

There are several survey articles on the studies of the learning-by-exporting effect. Keller (2004) reviewed studies from the 1980s to early 2000s and concluded that there is no econometric evidence for a strong learning-by-exporting effect. Wagner (2007) reviewed 42 empirical studies conducted on 25 countries with diverse characteristics and concluded that evidence is mixed. He argues the need for further research in theory and empirics. Wagner (2012) further reviewed eight empirical studies on the impact of exporting on productivity where he reaffirmed his earlier observation that the results of the impact of exporting on productivity are mixed. One interesting piece of evidence that he found was that firms that export to numerous destinations tend to improve productivity.

Silva et al. (2012) conducted an extensive survey of empirical studies on the leaning-byexporting effect covering over 30 countries. They found the expected relationship in many studies but with certain conditions about the firms: (i) younger firms and entrants into foreign markets, (ii) firms highly exposed to foreign markets, (iii) firms of industries or countries with particular characteristics, and (iv) firms that export to high-income countries.

Martins and Yang (2009) conducted a meta-analysis of 33 studies on the causal relationship between exporting and productivity. Among the studies, they observed 18 obtained significantly positive impacts of exporting on productivity. Their meta-analysis showed that the impact of exporting on productivity is higher for developing than developed countries, and the effect is higher in the first year that firms start exporting.

For the studies on the impact of importing on productivity (learning-by-importing effect), we find the number of such studies is much smaller. Amiti and Koning (2007) examined the impacts of lowering tariffs on imported inputs on productivity of importing firms using the data on approximately 160,000 Indonesian firms across 1991–2001. They found that a 10-percentage point fall in input tariffs leads to a productivity gain of 12% for firms that import inputs, supporting the learning-by-importing effect.

Forlani (2010) examined domestic and foreign firms in Ireland. Analyzing the dataset covering approximately 4,000 firms across 2000–2006 and relying on graphical assessment because

of the small sample of import starters, he found that import starters increased productivity more significantly compared to non-importers.

Hijzen, Inui, and Todo (2010) analyzed the impact of offshoring, or importing intermediate inputs, on productivity for Japanese manufacturing firms by using firm-level data for 1994–2000. They found that intra-firm offshoring, that is, sourcing of intermediate inputs from foreign affiliates within a particular multinational firm, has generally a positive effect on productivity of the importing firm, while arm's-length offshoring, that is, sourcing from unaffiliated foreign firms, does not. Ito, Tomiura, and Wakasugi (2011) examined the relationship between offshoring and productivity growth using Japanese firm-level data in manufacturing industries over 1999–2000 and 2004–2005. They found that offshoring has a positive impact on productivity in the firms offshoring both manufacturing and service tasks, but not in the firms offshoring only one.

In contrast, Vogel and Wagner (2010) did not find evidence to support the learning-byimporting effect in their study of German manufacturing firms of more than 100,000 in 2001–2005. Wagner (2012), in his review of literature, concluded that the evidence on the learning-by-importing effect is still rare and inconclusive.

We reviewed empirical studies on the impact of GVCs and trade (exporting and importing) on productivity using firm or plant-level data. We found that there have been numerous studies on the impact of exporting on productivity but the studies on the impact of GVCs and importing on productivity is limited. Empirical findings from the earlier studies on the impact of GVC participation on productivity are positive, while those on the impacts of exporting and importing on productivity are mixed. The finding about positive impact for GVC participation may be understandable because GVC participation involves both exporting and importing. However, the limited available studies suggest the need for further studies.

3. GVC Participation by Japanese firms

Following earlier studies, we also define a GVC firm as a firm engaged in both importing and exporting. A firm that is not engaged in foreign trade or only in exporting or importing is a non-GVC firm. We constructed the data on GVC firms and non-GVC firms in the Japanese manufacturing industry by using firm-level dataset of the Basic Survey on Business Activities by Enterprises. Figure 1 shows the changes in the proportion of GVC and non-GVC firms in total number of firms over 1994–2018. The proportion of GVC firms was only 13% in 1994, but increased to 25% in 2018.

Figure 1

The proportion of GVC firms in the total number of firms (GVC firm ratio) by sector is in Table 1. In 1994, petroleum and coal products (30.5%), business-oriented machinery (28.2%), chemical and allied products (27.8%), general-purpose machinery (22.4%), production machinery (21.2%), electronic parts and devices (20.7%), information and communication electronics equipment (20.5%), and rubber products (20%) show high GVC firm ratio exceeding 20%. Comparing 2018 with 1994, the GVC firm ratio in all sectors increased more or less at similar rates. As such, the sectoral ranking barely changed. Specifically, the GVC firm ratio was highest for business-oriented

machinery (46.7%), followed by chemical and allied products (41.3%), production machinery (40.9%), and general-purpose machinery (40.3%).

Table 1

Figure 2 shows the mean and median of TFP³ for the GVC group and non-GVC group. Through 1994–2018, the mean (median) of TFP for GVC firms is higher than the corresponding value for non-GVC firms. These observations may imply that participation of GVCs increased GVC firms' productivity (learning effect), and/or that firms with high productivity firms participated in GVC (self-selection). Due to the possibility of these two effects, we consider the self-selection issue using the combination of the PSM and DID methods to investigate the learning effect from firms' GVC participation. It should be noted that there are significant variations for TFP among GVC firms including non-GVC firms (Figure 3). Indeed, there are several non-GVC firms with high TFP and vice versa⁴.

Figure 2

Figure 3

4. Methodology and Data

We use PSM-DID method to examine the impact of Japanese firms' GVC participation on productivity. Firms' GVC participation is likely to be driven by a firm's ex-ante characteristics. Melitz (2003) explained that exporting firms are required high productivity to deal with the fixed costs associated with exporting, such as setting up a distribution system and being exposed to exchange rate risks. A similar argument may be made for importing. Since GVC participation involves exporting and importing, we can argue that firms with high productivity are more likely to participate. Also, there are other factors such as large firm size and close relationship with foreign firms that increase the probability of a firm's GVC participation. Estimation of the impact of GVC participation on productivity without overcoming these self-selection issues will therefore lead to inconsistent estimates (Urata and Baek, 2021). To address these, Rosenbaum and Rubin (1983, 1985) devised the PSM method, and Heckman, Ichimura, and Todd (1997) extended it by employing it jointly with the DID estimator (PSM-DID). In the PSM estimation, each GVC firm is matched with a non-GVC firm that has similar characteristics. In other words, a non-GVC firm matched with a GVC firm has a similar probability of GVC participation as GVC firms. Since the counterfactual of each firm cannot be observed, we focus on the average treatment effect on the treated (ATT) rather than on its individual effect. The PSM estimates for ATT are in Equation (1).

³ See Section 4 for the measurement of TFP.

⁴ Wakasugi et al. (2008) found a similar pattern between domestic firms and exporting firms in the Japanese manufacturing sector.

$$PSM = \frac{1}{N} \sum_{i \in GVC_1} \left(Y_{i,t+s}(1) - \sum_{j \in GVC_0} W\left(P(X_{i,t-1}), P(X_{j,t-1}) \right) Y_{j,t+s}(0) \right)$$
(1)

where *GVC1* and *GVC0* represent a group of GVC firms and a matched control group (non-GVC firms), respectively. *N* is the number of firms participating in GVCs, $Y_{i,t+s}(1)$ is the productivity when firm *i* participates in GVCs, and $Y_{j,t+s}(0)$ is the productivity when firm *j* does not participate in GVCs. *P*(*X*) is the probability of participation in GVCs, which is determined by relying on a firm's characteristics *X* before participating in GVCs, and W is the weight determined by the difference between the probability of participation between the GVC firms and the matched non-GVC firms. It is desirable to use $Y_{i,t+s}(0)$ is not observed when firm *i* does not participate in GVC. For this reason, we identify non-GVC firm *j* that has the most similar characteristics (similar probability of GVC participation) to GVC firm *i* using PSM and match it with GVC firm *i*. If panel data is available, an estimate of the PSM-DID of ATT proposed by Heckman, Ichimura, and Todd (1997) may be used. Estimation for PSM-DID is shown in Equation (2). While PSM can only eliminate observable factors, PSM-DID has the advantage of eliminating time-independent fixed effects⁵.

$$PSM - DID = \frac{1}{N} \sum_{i \in GVC_1} \left(\Delta Y_{i,t+s}(1) - \sum_{j \in GVC_0} W\left(P(X_{i,t-1}), P(X_{j,t-1}) \right) \Delta Y_{j,t+s}(0) \right)$$
(2)

The procedure for obtaining PSM-DID estimates is as follows. First, we estimate the conditional probability of changing GVC status from the probit model⁶ (Equation 3), and calculate a propensity score, that is the probability of a firm becoming a GVC firm, for each firm.

$$\Pr(GVC_{it} = 1) = \Phi(\alpha + \beta X_{i,t-1} + \gamma_s)$$
(3)

where *i* is firm, and *s* is sector, and $X_{i,t-1}$ includes productivity, size, foreign ownership, and age which affect a firm's GVC participation⁷. A firm will be involved in GVCs in year *t* according to its characteristics as observed in year *t*-1. The GVC firms in our sample are matched with the non-GVC firms with PSM⁸, and these matched firms are used in the DID regression. We ensure the quality of matching by the balancing test⁹. The DID estimation can be written as:

$$Y_i = \alpha + \beta_1 GVC_i * Post_i + \beta_2 GVC_i + \beta_3 Post_i + \gamma_s + \varepsilon_i$$
(4)

⁹ A t-test of equality of means for each variable between the control and treatment groups is used for the balancing test. The matching results are presented in Appendix figures 1 and 2.

⁵ Heckman, Ichimura, and Todd (1997) and Smith and Todd (2005) show that PSM-DID estimate is more efficient than the simple PSM estimate without DID.

⁶ The results of probit estimation show that TFP and size have statistically positive effects on a firm's GVC participation. For the examples, see Table 2.

⁷ The basic statistics and correlations among the variables are presented in Appendix Tables 1 and 2, respectively.

⁸ GVC firms are matched with non-GVC firms based on the estimated propensity score using the caliper matching, kernel matching.

where Y_i is a firm's productivity (lnTFP), GVC_i is a GVC dummy variable (1 for treated group: GVC firms, 0 for control group: Non-GVC firms), $Post_i$ is a dummy equal to 1 in year *t* and zero in year *t*-1. γ_s denotes sector dummies. In Equation (4), the coefficient of interest is β_1 , because it represents the effect of GVC participation.

We use firm-level data from the Basic Survey of Japanese Business Structure and Activities [Kigyo Katsudo Kihon Chosa], Ministry of Economy, Trade and Industry, covering manufacturing firms for 1994–2018 to obtain variables such as each firm's TFP, GVC participation, and characteristics used in PSM-DID estimation. TFP was calculated by Levinson and Petrin's (2003) method. For the measurement of TFP, value-added¹⁰, intermediate input¹¹, tangible fixed assets (as a proxy capital stock), and total working hours of employees¹² were used. We derived output and intermediate deflator from the Japan Industrial Productivity database (JIP 2018), the deflator for capital stock from system of national accounts (SNA). All nominal values are converted to real values using these two deflators.

5. Estimation Results

We conducted a PSM-DID analysis on firm-level data for Japanese manufacturing firms for 1994–2018. The results of Probit model for the determinants of GVC participation are in Table 2. Since we are interested in the effect of firms' GVC participation on productivity for the year of GVC entry and the following years, we conducted the Probit estimation for five years from the base year. Column 1 shows the determinants of firms' GVC participation for the firms participating in GVC in the first year (base year), while Column 2 shows the corresponding results for the participating firms in the second year, and so on. We conducted the estimation for all the years beginning with 1994 and ending with 2018, for which the estimation is conducted only for that year, not the following years. To save space, we only show the results for two base years, 2000 and 2012¹³. These two years are chosen because the periods they cover (2000–2005 and 2012–2017) are relatively free from unusual events like the Asian Financial Crisis (1997–98) and Global Financial Crisis (2008–09). The results indicate that high productivity firms are likely to participate in GVC, or high productivity firms self-select to become GVC firms. These results complement earlier studies.

Table 2

The results of DID for 2000 and 2012 are in Table 3¹⁴ where three sets of estimation results are shown. One using original data and two each using data obtained by Caliper matching and Kernel matching, respectively. We conducted a balancing test¹⁵ for all matching to ensure the quality

¹⁰ Value added is calculated as: (total sales - intermediate input) / output deflator

¹¹ Intermediate input is calculated as: {cost of sales - (wages + rent + depreciation)} / intermediate input deflator

¹² Labor was calculated by multiplying the number of employees by sectoral average working hours obtained from the JIP database (RIETI).

 $^{^{\}rm 13}$ The estimation results for all the years are shown in Appendix Tables 3–7.

¹⁴ Table 4 shows the summary of all the estimations.

¹⁵ We conducted t-test for every matching and confirmed that matching was performed successfully. We

of matching. Appendix Figures 1 and 2 show Kernel density distribution before and after matching between control and treated groups. The distribution of the propensity score in the control and treated groups become closer after using Caliper and Kernel matching, indicating that the sample characteristics of the two groups are highly similar after matching. The variable of our interest is GVC×post. A positive coefficient with statistical significance indicates that GVC participation led to an improvement in productivity, supporting the argument for the learning-by-GVC participation effect. The results for the base year 2000 show that the coefficients are positive for all the years with an exception of year 1 for the results using original data. The estimated coefficients are statistically significant for the years 3–5, but not for years 1–2, indicating that the learning-by-GVC participation effect is detected starting in the third year after participating. The results for the base year 2012 are positive and statistically significant for all the years except the first year for the estimation using the original data.

Table 3

A summary of all the estimations, which amounted to 110, is in Table 4. The figures are simple averages of the estimated coefficients from the relevant estimations. The results show that the estimated coefficients are positive in all the cases with few exceptions, and approximately 35% are statistically significant. These results indicate that the impact of GVC participation on productivity for Japanese manufacturing firms is generally positive, but not very strong. Essentially, we can expect GVC participation to improve productivity of GVC firms in some cases but not all. These findings are not consistent with the earlier findings on GVC participation, which found positive impact on productivity. However, our findings are consistent with earlier studies on the learning-by-exporting or importing effects, which showed mixed results. Identifying the factors that led to success or failure of the learning-by-GVC participation effect requires a closer examination by considering the information that was not incorporated in the analysis such as sources of imports and destinations of exports. One interesting and important finding is that the impact of learning effect increases over time, as shown by the increasing magnitude of the estimated coefficients from the first year through to the fifth. This finding complements Baldwin and Yan (2014) in their study of GVC participation of Canadian manufacturing firms. Pisu (2008) also showed that productivity improvement is observed from the following year of export entry and increases over time in his analysis of Belgian manufacturing firms for 1996-2005. The finding that learning takes time is consistent with Kiyota and Kimura (2006) that continued exporters show higher productivity growth compared to new exporters. These studies find that learning may take time, indicating the importance of experiences in learning. One possible reason for the time lag is the time required for various kinds of adjustment such as product mix and input mix that arise. Ito and Hahn (2020) found that exporting led to substantial changes in the composition of products by dropping old products and adding new products for Japanese manufacturing firms.

do not report the results of t-test to save space. The results of the t-test are available from the authors upon request.

Table 4

Next, we fix the sample of our analysis to the firms that remained being GVC participant throughout five years after becoming GVC participant in the first year and examine if we observe cumulative learning-by-GVC participation effect. In our earlier analysis, we compared non-GVC participants and GVC participants for a particular year, say for example for the third year. Because we fix the sample in this new exercise, the number of observations for the analysis remains the same throughout the period, e.g., 10,616 firms for the analysis of original data with the base year 2000. The results are in Table 5, and they are basically the same as those conducted earlier, supporting our earlier observation that the effect of learning accumulates over time.

Table 5

6. Conclusions

We examined the presence or absence of the learning-by-GVC participation effect for Japanese manufacturing firms. We applied the PSM-DID method to firm-level data for 1994–2018. When setting up to test the hypothesis, we found that a firm with high productivity has high probability to become a GVC firm, that is, a firm engaged in importing and exporting. Then conducting the DID estimation, we found that the impact of GVC participation on firm productivity is positive for our 110 estimations with few exceptions, and the estimated coefficients are statistically significant for approximately 35% of the cases. Our findings indicate that the impact of GVC participation on productivity for Japanese manufacturing firms is generally positive, but not very strong. As was the case for the learning-by-exporting or importing effects, our results of the learning-by-GVC participation effect are also mixed. We also found that the learning effect increases over time, indicating that it takes GVC participating firms time and experience to assimilate new technology and management know-how they acquired. Assessing the impact of participation in GVCs constructed by Japanese firms on their affiliated firms and local firms in foreign countries would be of interest, as our analysis examined the learning-by-GVC participation effect for the Japanese parent firms in Japan.

We can draw several policy implications from our results. First, recognizing the importance of having high productivity for a firm to participate in GVCs, potential source of further productivity improvement, the government should provide technical assistance such as provision of training courses and R&D support to firms with potentiality. Furthermore, the government needs to set up a conducive environment for making technical progress by protecting intellectual property right and ensuring competition.

Second, the government should provide non-GVC firms with support for participating in GVC. As shown, there are many Japanese firms with high productivity that do not participate in

GVC, largely because of the high cost and risk associated with participation. The government should implement measures to lower such costs and risks. For example, marketing assistance such as dissemination of market information in foreign countries and foreign buyers and sellers would be helpful for non-GVC firms to participate. Furthermore, trade liberalization and facilitation would facilitate non-GVC firms to participate. Specifically, the government should actively establish FTAs, which include trade liberalization and facilitation. FTAs would lower or eliminate tariffs in Japan and its FTA partners, promoting imports and exports to and from Japan. Trade facilitation in various forms including improving customs procedures and simplifying the rules of origin, would also help lower the barrier to trade and promote GVC participation. Having argued the need for increasing FTAs, it is important to emphasize that FTAs are not the best trade policy; the best is world-wide trade liberalization under the World Trade Organization (WTO). However, under current circumstances where trade liberalization under the WTO is difficult, FTAs could be an important framework to keep the trade system open.

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Table 1: Firms' GVC Participation by Sector

			1994		Share of		2018		Share of
Code	Japan Standard Industrial Classifica	Nı	umber of Firi	ns	GVC	Nu	umber of Firi	ns	GVC
		GVC	Non-GVC	Total	Firms (%)	GVC	Non-GVC	Total	Firms (%)
9	food	55	1,267	1,322	4.2	112	1,393	1,505	7.4
10	beverages,tobacco and feed	17	205	222	7.7	29	162	191	15.2
11	textile products	66	987	1,053	6.3	84	338	422	19.9
12	lumber and wood products	6	164	170	3.5	16	135	151	10.6
13	furniture and fixtures	19	187	206	9.2	24	92	116	20.7
14	pulp, paper and paper products	30	422	452	6.6	44	334	378	11.6
15	printing and allied industries	6	522	528	1.1	27	486	513	5.3
16	chemical and allied products	256	664	920	27.8	372	528	900	41.3
17	petroleum and coal products	18	41	59	30.5	17	34	51	33.3
18	plastic products	62	576	638	9.7	181	582	763	23.7
19	rubber products	30	120	150	20.0	54	98	152	35.5
20	leather products	8	44	52	15.4	6	12	18	33.3
21	ceramic, stone and clay products	51	594	645	7.9	84	356	440	19.1
22	iron and steel	31	390	421	7.4	56	391	447	12.5
23	non-ferrous metals and products	57	279	336	17.0	100	246	346	28.9
24	fabricated metal products	71	908	979	7.3	198	851	1,049	18.9
25	general-purpose machinery	167	578	745	22.4	210	311	521	40.3
26	production machinery	139	518	657	21.2	423	610	1,033	40.9
27	business oriented machinery	134	341	475	28.2	177	202	379	46.7
28	electronic parts and devices	134	512	646	20.7	209	397	606	34.5
29	electrical machinery	130	691	821	15.8	236	496	732	32.2
30	information and communication electronics equipment	106	410	516	20.5	70	139	209	33.5
31	transportation equipment	154	999	1,153	13.4	346	934	1,280	27.0

Source: Authors' computation.

		ł	base year: 200	0	
	1 year	2 years	3 years	4 years	5 years
	(1)	(2)	(3)	(4)	(5)
InTFP_2000	0.252***	0.291***	0.378***	0.325***	0.297***
	[0.0707]	[0.0843]	[0.0994]	[0.1102]	[0.1158]
Foreign_Firm	0.003	0.134	0.074	0.139	0.205
	[0.1811]	[0.2013]	[0.2326]	[0.2432]	[0.2487]
Age	0.0010	-0.001	0.00002	0.001	-0.00006
	[0.0019]	[0.0022]	[0.0026]	[0.0029]	[0.0031]
lnSize	0.152***	0.153***	0.108*	0.150**	0.158**
	[0.0420]	[0.0492]	[0.0576]	[0.0636]	[0.0674]
Observations	8,523	7,205	4,742	4,178	3,783
Pseudo R-squared	0.0926	0.1106	0.0850	0.0942	0.0923
		ł	oase year: 201	2	
	1 year	2 years	3 years	4 years	5 years
	(6)	(7)	(8)	(9)	(10)
lnTFP_2012	0.278***	0.356***	0.362***	0.312***	0.342***
	[0.0624]	[0.0744]	[0.0813]	[0.0862]	[0.0911]
Foreign_Firm	0.00006	0.003	-0.034	0.038	-0.05
	[0.1512]	[0.1703]	[0.1865]	[0.1915]	[0.2044]
Age	0.0020	0.003	0.003	0.004*	0.004*
	[0.0015]	[0.0018]	[0.0019]	[0.0021]	[0.0022]
lnSize	0.001	-0.021	-0.02	-0.002	0.002
	[0.041]	[0.0475]	[0.0516]	[0.0546]	[0.058]
Observations	8,250	7,370	6,737	6,241	5,592
Pseudo R-squared	0.0557	0.0666	0.0721	0.0744	0.0735

Table 2: Determinants of Firm's GVC Participation

Notes: ***, **, and * indicate the 1%, 5%, and 10% levels of statistical significance, respectively. In all specifications, we control for sector fixed effects.

		ba	ase year: 20	00			b	ase year: 20	12	
	1 year	2 years	3 years	4 years	5 years	1 year	2 years	3 years	4 years	5 years
DID with Original data	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
GVC × Post	-0.000146	0.0131	0.0711**	0.115***	0.132***	0.0309	0.0329*	0.0453***	0.0656***	0.0778**
	[0.0238]	[0.0271]	[0.0332]	[0.0261]	[0.0341]	[0.0180]	[0.0174]	[0.0141]	[0.0191]	[0.0325]
GVC	0.311***	0.342***	0.364***	0.372***	0.357***	0.239***	0.287***	0.296***	0.271***	0.297***
	[0.0384]	[0.0370]	[0.0463]	[0.0435]	[0.0468]	[0.0398]	[0.0456]	[0.0396]	[0.0387]	[0.0445]
Post	-0.0292***	-0.0224**	-0.0147	-0.00991	-0.0120	-0.00202	-0.00935	-0.00676	0.0372**	0.0374*
	[0.0083]	[0.0101]	[0.0123]	[0.0171]	[0.0213]	[0.0059]	[0.0097]	[0.0146]	[0.0155]	[0.0181]
Observations	17298	14920	12898	11728	10616	17030	15218	13944	12906	12064
Adjusted R-squared	0.260	0.248	0.224	0.211	0.197	0.103	0.105	0.109	0.122	0.115
DID with Caliper Matching	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
GVC × Post	0.0297	0.0322	0.0897***	0.0996***	0.122***	0.0458**	0.0359*	0.0339*	0.0619**	0.0806**
	[0.0176]	[0.0277]	[0.0301]	[0.0325]	[0.0392]	[0.0195]	[0.0201]	[0.0185]	[0.0273]	[0.0323]
GVC	0.0650	0.0273	0.0435	0.0663	0.0300	0.0241	0.0597	0.0701*	0.0617	0.0707
	[0.0415]	[0.0428]	[0.0455]	[0.0548]	[0.0613]	[0.0403]	[0.0375]	[0.0377]	[0.0471]	[0.0550]
Post	-0.0542***	-0.0450*	-0.0283	-0.00794	-0.00346	-0.0177*	-0.0139	0.00191	0.0332	0.0379
	[0.0168]	[0.0240]	[0.0211]	[0.0387]	[0.0434]	[0.0085]	[0.0131]	[0.0180]	[0.0239]	[0.0257]
Observations	2504	1792	1325	1075	1013	2360	1706	1376	1240	1107
Adjusted R-squared	0.334	0.275	0.273	0.228	0.215	0.144	0.151	0.167	0.169	0.219
DID with Kernel Matching	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
GVC × Post	0.0243	0.0298	0.0888***	0.101***	0.104***	0.0454**	0.0420**	0.0433***	0.0668**	0.0975***
	[0.0186]	[0.0269]	[0.0266]	[0.0315]	[0.0338]	[0.0182]	[0.0187]	[0.0144]	[0.0241]	[0.0334]
GVC	-0.00288	0.0107	0.0279	-0.00887	-0.0151	0.0163	0.0176	0.0229	0.0220	0.0104
	[0.0469]	[0.0393]	[0.0378]	[0.0528]	[0.0446]	[0.0346]	[0.0360]	[0.0464]	[0.0400]	[0.0474]
Post	-0.0550***	-0.0402**	-0.0246	-0.00478	0.0121	-0.0167**	-0.0163	-0.00512	0.0384*	0.0206
	[0.0125]	[0.0156]	[0.0269]	[0.0347]	[0.0396]	[0.0069]	[0.0129]	[0.0151]	[0.0187]	[0.0229]
Observations	15756	12111	8314	7320	6481	16179	13738	12566	11819	10752
Adjusted R-squared	0.328	0.327	0.257	0.256	0.211	0.135	0.183	0.192	0.210	0.232

Table 3: Productivity (TFP) and GVC Participation, Baseline Estimations

Table 4: Summary of DID Results

	1 year	2 years	3 years	4 years	5 years
# of estimations	24	23	22	21	20
DID with Original data					
# of positive coefficients	22	22	19	18	18
average	0.023	0.033	0.042	0.050	0.056
maximum	0.060	0.094	0.088	0.122	0.137
minimum	-0.006	-0.003	-0.017	-0.062	-0.017
# of coefficinets with significance	5	6	8	10	8
average	0.040	0.055	0.069	0.083	0.100
maximum	0.060	0.094	0.088	0.122	0.137
minimum	0.021	0.033	0.045	0.051	0.076
DID with Caliper Matching					
# of positive coefficients	23	23	21	19	18
average	0.030	0.039	0.044	0.052	0.058
maximum	0.062	0.102	0.090	0.109	0.131
minimum	-0.003	0.006	-0.010	-0.043	-0.037
# of coefficinets with significance	9	8	7	9	6
average	0.044	0.051	0.063	0.081	0.106
maximum	0.062	0.102	0.090	0.109	0.131
minimum	0.025	0.024	0.034	0.059	0.079
DID with Kernel Matching					
# of positive coefficients	24	23	22	20	20
average	0.031	0.043	0.046	0.055	0.055
maximum	0.062	0.101	0.089	0.136	0.111
minimum	0.002	0.011	0.003	-0.036	0.012
<i>#</i> of coefficinets with significance	9	10	8	8	5
average	0.044	0.053	0.068	0.087	0.099
maximum	0.062	0.101	0.089	0.136	0.111
minimum	0.022	0.039	0.043	0.067	0.080

Source: Authors' computation.

		b	ase year: 20	00			b	ase year: 20	12	
	1 year	2 years	3 years	4 years	5 years	1 year	2 years	3 years	4 years	5 years
DID with Original data	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
GVC × Post	-0.0202	0.0148	0.0855**	0.120***	0.132***	0.0443**	0.0412*	0.0550***	0.0656**	0.0778**
	[0.0315]	[0.0285]	[0.0338]	[0.0224]	[0.0341]	[0.0166]	[0.0214]	[0.0194]	[0.0254]	[0.0325]
GVC	0.391***	0.384***	0.373***	0.362***	0.357***	0.305***	0.302***	0.302***	0.299***	0.297***
	[0.0472]	[0.0451]	[0.0456]	[0.0460]	[0.0468]	[0.0452]	[0.0453]	[0.0454]	[0.0450]	[0.0445]
Post	-0.0275***	-0.0203*	-0.0114	-0.00855	-0.0120	-0.000275	-0.00920	-0.00676	0.0383**	0.0374*
	[0.0091]	[0.0102]	[0.0132]	[0.0174]	[0.0213]	[0.0073]	[0.0104]	[0.0152]	[0.0161]	[0.0181]
Observations	10616	10616	10616	10616	10616	12064	12064	12064	12064	12064
Adjusted R-squared	0.257	0.247	0.225	0.211	0.197	0.108	0.109	0.114	0.124	0.115
DID with Caliper Matching	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
GVC × Post	0.0153	0.0228	0.0956**	0.100***	0.122***	0.0457*	0.0355	0.0431*	0.0560**	0.0806**
	[0.0293]	[0.0306]	[0.0361]	[0.0275]	[0.0392]	[0.0251]	[0.0256]	[0.0246]	[0.0251]	[0.0323]
GVC	0.0346	0.0335	0.0321	0.0325	0.0300	0.0686	0.0701	0.0706	0.0709	0.0707
	[0.0603]	[0.0605]	[0.0610]	[0.0612]	[0.0613]	[0.0553]	[0.0553]	[0.0552]	[0.0553]	[0.0550]
Post	-0.0568***	-0.0261	-0.0190	0.00711	-0.00346	-0.00332	-0.00237	0.00338	0.0407	0.0379
	[0.0118]	[0.0187]	[0.0242]	[0.0375]	[0.0434]	[0.0153]	[0.0191]	[0.0208]	[0.0261]	[0.0257]
Observations	1013	1013	1013	1013	1013	1107	1106	1107	1107	1107
Adjusted R-squared	0.298	0.271	0.241	0.228	0.215	0.208	0.210	0.215	0.229	0.219
DID with Kernel Matching	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
GVC × Post	0.0114	0.0403	0.0972**	0.0908***	0.104***	0.0576**	0.0501*	0.0596**	0.0735**	0.0975***
	[0.0265]	[0.0300]	[0.0338]	[0.0285]	[0.0338]	[0.0229]	[0.0266]	[0.0252]	[0.0298]	[0.0334]
GVC	-0.0188	-0.0165	-0.0166	-0.0166	-0.0151	0.00881	0.00995	0.0100	0.0102	0.0104
	[0.0456]	[0.0452]	[0.0451]	[0.0450]	[0.0446]	[0.0479]	[0.0477]	[0.0477]	[0.0475]	[0.0474]
Post	-0.0476***	-0.0335*	-0.0192	0.0139	0.0121	-0.0126	-0.0136	-0.00989	0.0331	0.0206
	[0.0106]	[0.0178]	[0.0189]	[0.0335]	[0.0396]	[0.0121]	[0.0154]	[0.0219]	[0.0231]	[0.0229]
Observations	6480	6481	6482	6481	6481	10751	10752	10752	10751	10752
Adjusted R-squared	0.284	0.274	0.251	0.231	0.211	0.214	0.217	0.224	0.239	0.232

Table 5: Productivity (TFP) and GVC Participation, Estimated results of the same firms for 5 years



Figure 1: GVC Participation by Firms (%)

Source: Authors' computation.



Figure 2: TFP by GVC Participation by year

Source: Authors' computation.





Source: Authors' computation.

Appendix Table 1: Basic Statistics

Variable	Obs	Mean	Std. Dev.	Min	Max
InTFP	314,713	-0.6712013	0.683	-5.931	3.253
GVC	314,713	0.2044148	0.403	0	1
lnSize	314,713	5.182503	0.980	3.912	11.321
Foreign Firm	314,713	0.0435985	0.204	0	1
Age	314,082	56.03318	18.217	1	176

Source: Authors' computation.

Appendix Table 2: Correlation Coefficients

	InTFP	GVC	lnSize	Foreign Firm	age
lnTFP	1				
GVC	0.286	1			
lnSize	0.600	0.287	1		
Foreign Firm	0.309	0.219	0.292	1	
Age	0.160	0.116	0.173	0.046	1

Source: Authors' computation.

Appendix	Table 3:	DID	Results	for 1	vear
II				-	J

from	1994	1995	1996	1997	1998	1999	2000	2001
to	1995	1996	1997	1998	1999	2000	2001	2002
DID with Original data	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
GVC × Post	0.0232**	0.0129	0.0137	0.0215	-0.00630	0.0310	-0.000146	0.0256
	[0.0107]	[0.0131]	[0.0141]	[0.0204]	[0.0144]	[0.0196]	[0.0238]	[0.0195]
GVC	0.373***	0.318***	0.317***	0.317***	0.308***	0.292***	0.311***	0.249***
	[0.0247]	[0.0370]	[0.0356]	[0.0432]	[0.0433]	[0.0228]	[0.0384]	[0.0265]
Post	0.0719***	0.0320***	-0.0163**	-0.0322***	0.0291***	0.0327***	-0.0292***	0.00893
	[0.0086]	[0.0067]	[0.0074]	[0.0072]	[0.0078]	[0.0096]	[0.0083]	[0.0072]
Observations	19780	20600	20162	20488	20284	17870	17298	17858
Adjusted R-squared	0.345	0.326	0.311	0.301	0.289	0.281	0.260	0.231
DID with Caliper Matching	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
GVC × Post	0.0400***	0.0192	0.0300**	0.0281	-0.00331	0.0213	0.0297	0.0299
	[0.0140]	[0.0152]	[0.0137]	[0.0226]	[0.0142]	[0.0201]	[0.0176]	[0.0186]
GVC	0.0600*	0.0514	0.0352	0.0651*	0.0415	0.0528	0.0650	0.0351
	[0.0306]	[0.0381]	[0.0520]	[0.0324]	[0.0699]	[0.0345]	[0.0415]	[0.0373]
Post	0.0556***	0.0241**	-0.0338**	-0.0378***	0.0247	0.0415***	-0.0542***	0.00327
	[0.0172]	[0.0095]	[0.0123]	[0.0115]	[0.0158]	[0.0134]	[0.0168]	[0.0104]
Observations	3880	3490	2676	2748	2649	3171	2504	2898
Adjusted R-squared	0.431	0.350	0.318	0.372	0.367	0.329	0.334	0.239
DID with Kernel Matching	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)
GVC × Post	0.0466***	0.0242	0.0207	0.0353	0.00248	0.0307*	0.0243	0.0234
	[0.0131]	[0.0158]	[0.0153]	[0.0207]	[0.0131]	[0.0163]	[0.0186]	[0.0161]
GVC	-0.00496	-0.000663	0.0130	0.00374	0.00435	-0.0114	-0.00288	-0.00599
	[0.0346]	[0.0398]	[0.0485]	[0.0388]	[0.0564]	[0.0323]	[0.0469]	[0.0327]
Post	0.0502***	0.0206**	-0.0233**	-0.0473***	0.0216*	0.0332**	-0.0550***	0.00656
	[0.0133]	[0.0087]	[0.0086]	[0.0066]	[0.0123]	[0.0123]	[0.0125]	[0.0104]
Observations	19316	20240	19234	19870	19506	16875	15756	17552
Adjusted R-squared	0.473	0.362	0.383	0.398	0.322	0.339	0.328	0.262
from	2002	2003	2004	2005	2006	2007	2008	2009
from to	2002 2003	2003 2004	2004 2005	2005 2006	2006 2007	2007 2008	2008 2009	2009 2010
from to DID with Original data	2002 2003 (9)	2003 2004 (10)	2004 2005 (11)	2005 2006 (12)	2006 2007 (13)	2007 2008 (14)	2008 2009 (15)	2009 2010 (16)
from to DID with Original data GVC × Post	2002 2003 (9) 0.0338	2003 2004 (10) 0.0352	2004 2005 (11) 0.0475**	2005 2006 (12) 0.0156	2006 2007 (13) 0.0205	2007 2008 (14) 0.0261	2008 2009 (15) 0.00417	2009 2010 (16) 0.0599*
from to DID with Original data GVC × Post	2002 2003 (9) 0.0338 [0.0214]	2003 2004 (10) 0.0352 [0.0268]	2004 2005 (11) 0.0475** [0.0187]	2005 2006 (12) 0.0156 [0.0193]	2006 2007 (13) 0.0205 [0.0283]	2007 2008 (14) 0.0261 [0.0202]	2008 2009 (15) 0.00417 [0.0221]	2009 2010 (16) 0.0599* [0.0337]
from to DID with Original data GVC × Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255***	2003 2004 (10) 0.0352 [0.0268] 0.327***	2004 2005 (11) 0.0475** [0.0187] 0.252***	2005 2006 (12) 0.0156 [0.0193] 0.265***	2006 2007 (13) 0.0205 [0.0283] 0.269***	2007 2008 (14) 0.0261 [0.0202] 0.273***	2008 2009 (15) 0.00417 [0.0221] 0.271***	2009 2010 (16) 0.0599* [0.0337] 0.197***
from to DID with Original data GVC × Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346]	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406]	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390]	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367]	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412]	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593]	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282]	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444]
from to DID with Original data GVC × Post GVC Post	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433***	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617***	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369**
from to DID with Original data GVC × Post GVC Post	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083]	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074]	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066]	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074]	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079]	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098]	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206]	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140]
from to DID with Original data GVC × Post GVC Post Observations	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33)	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34)	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35)	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36)	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37)	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38)	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39)	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482*	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512**	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487**	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620**
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217]	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279]	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195]	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191]	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275]	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213]	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198]	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384]	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469]	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411]	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386]	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425]	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654]	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376]	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579***	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831***	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464**
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163]	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126]	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111]	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132]	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133]	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105]	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267]	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482 0.136	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239 (57)	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193 (58)	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180 (59)	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164 (60)	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482 0.136 (61)	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098 (62)	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128 (63)	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147 (64)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239 (57) 0.0349	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193 (58) 0.0399	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180 (59) 0.0516***	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164 (60) 0.0383**	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482 0.136 (61) 0.0279	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098 (62) 0.0487**	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128 (63) 0.0144	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147 (64) 0.0624*
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239 (57) 0.0349 [0.0220]	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193 (58) 0.0399 [0.0285]	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180 (59) 0.0516*** [0.0173]	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164 (60) 0.0383** [0.0177]	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482 0.136 (61) 0.0279 [0.0227]	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098 (62) 0.0487** [0.0178]	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128 (63) 0.0144 [0.0190]	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147 (64) 0.0624* [0.0311]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239 (57) 0.0349 [0.0220] 0.0320	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193 (58) 0.0399 [0.0285] 0.00376	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180 (59) 0.0516*** [0.0173] 0.00601	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164 (60) 0.0383** [0.0177] 0.0210	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482 0.136 (61) 0.0279 [0.0227]).00000442	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098 (62) 0.0487** [0.0178] 0.0205	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128 (63) 0.0144 [0.0190] 0.00675	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147 (64) 0.0624* [0.0311] 0.0138
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239 (57) 0.0349 [0.0220] 0.0320 [0.0381]	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193 (58) 0.0399 [0.0285] 0.00376 [0.0528]	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180 (59) 0.0516*** [0.0173] 0.00601 [0.0443]	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164 (60) 0.0383** [0.0177] 0.0210 [0.0394]	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0425] -0.0211 [0.0133] 2482 0.136 (61) 0.0279 [0.0227]).00000442 [0.0453]	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098 (62) 0.0487** [0.0178] 0.0205 [0.0595]	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128 (63) 0.0144 [0.0190] 0.00675 [0.0421]	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147 (64) 0.0624* [0.0311] 0.0138 [0.0448]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC Post	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239 (57) 0.0349 [0.0220] 0.0320 [0.0381] 0.00923	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193 (58) 0.0399 [0.0285] 0.00376 [0.0528] 0.00649	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180 (59) 0.0516*** [0.0173] 0.00601 [0.0443] -0.00299	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164 (60) 0.0383** [0.0177] 0.0210 [0.0394] -0.0643***	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (0.0279] 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482 0.136 (61) 0.0279 [0.0227] 0.00000442 [0.0453] -0.0130	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098 (62) 0.0487** [0.0178] 0.0205 [0.0595] -0.0857***	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128 (63) 0.0144 [0.0190] 0.00675 [0.0421] -0.0348	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147 (64) 0.0624* [0.0311] 0.0138 [0.0448] 0.0336**
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC Post	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239 (57) 0.0349 [0.0220] 0.0320 [0.0381] 0.00923 [0.0125]	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193 (58) 0.0399 [0.0285] 0.00376 [0.0528] 0.00649 [0.0115]	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180 (59) 0.0516*** [0.0173] 0.00601 [0.0443] -0.00299 [0.0099]	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164 (60) 0.0383** [0.0177] 0.0210 [0.0394] -0.0643*** [0.0115]	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (0.0103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482 0.136 (61) 0.0279 [0.0227] 0.00000442 [0.0453] -0.0130 [0.0114]	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098 (62) 0.0487** [0.0178] 0.0205 [0.0595] -0.0857*** [0.0081]	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128 (63) 0.0144 [0.0190] 0.00675 [0.0421] -0.0348 [0.0342]	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147 (64) 0.0624* [0.0311] 0.0138 [0.0448] 0.0336** [0.0129]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC Post GVC	2002 2003 (9) 0.0338 [0.0214] 0.255*** [0.0346] 0.00705 [0.0083] 17024 0.200 (33) 0.0323 [0.0217] 0.0660 [0.0384] 0.00699 [0.0163] 2897 0.239 (57) 0.0349 [0.0220] 0.0320 [0.0381] 0.00923 [0.0125] 15340	2003 2004 (10) 0.0352 [0.0268] 0.327*** [0.0406] 0.00781 [0.0074] 17160 0.164 (34) 0.0482* [0.0279] 0.0526 [0.0469] -0.00134 [0.0126] 2800 0.193 (58) 0.0399 [0.0285] 0.00376 [0.0528] 0.00376 [0.0528] 0.00649 [0.0115] 16556	2004 2005 (11) 0.0475** [0.0187] 0.252*** [0.0390] 0.00140 [0.0066] 17414 0.133 (35) 0.0512** [0.0195] 0.0493 [0.0195] 0.0493 [0.0411] -0.00490 [0.0111] 2683 0.180 (59) 0.0516*** [0.0173] 0.00501 [0.0443] -0.00299 [0.0099] 15432	2005 2006 (12) 0.0156 [0.0193] 0.265*** [0.0367] -0.0433*** [0.0074] 16858 0.118 (36) 0.0324 [0.0191] 0.0232 [0.0386] -0.0579*** [0.0132] 2845 0.164 (60) 0.0383** [0.0177] 0.0210 [0.0394] -0.0643*** [0.0115] 16257	2006 2007 (13) 0.0205 [0.0283] 0.269*** [0.0412] -0.00864 [0.0079] 16706 0.103 (37) 0.0337 [0.0275] 0.0111 [0.0425] -0.0211 [0.0133] 2482 0.136 (61) 0.0279 [0.0227]).00000442 [0.0453] -0.0130 [0.0114] 15296	2007 2008 (14) 0.0261 [0.0202] 0.273*** [0.0593] -0.0617*** [0.0098] 16908 0.092 (38) 0.0487** [0.0213] 0.0205 [0.0654] -0.0831*** [0.0105] 2475 0.098 (62) 0.0487** [0.0178] 0.0205 [0.0595] -0.0857*** [0.0081] 15708	2008 2009 (15) 0.00417 [0.0221] 0.271*** [0.0282] -0.0202 [0.0206] 17166 0.101 (39) 0.0170 [0.0198] 0.0532 [0.0376] -0.0340 [0.0267] 3446 0.128 (63) 0.0144 [0.0190] 0.00675 [0.0421] -0.0348 [0.0342] 16482	2009 2010 (16) 0.0599* [0.0337] 0.197*** [0.0444] 0.0369** [0.0140] 16716 0.119 (40) 0.0620** [0.0271] 0.0459 [0.0388] 0.0464** [0.0179] 2912 0.147 (64) 0.0624* [0.0311] 0.0138 [0.0448] 0.0336** [0.0129] 16074

from	2010	2011	2012	2013	2014	2015	2016	2017
to	2011	2012	2013	2014	2015	2016	2017	2018
DID with Original data	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
GVC × Post	0.0257	0.00188	0.0309	0.0507**	0.0200	0.0208*	0.0306	0.0161
	[0.0215]	[0.0165]	[0.0180]	[0.0188]	[0.0187]	[0.0118]	[0.0252]	[0.0231]
GVC	0.230***	0.225***	0.239***	0.200***	0.233***	0.181***	0.213***	0.198***
	[0.0345]	[0.0395]	[0.0398]	[0.0571]	[0.0487]	[0.0560]	[0.0356]	[0.0654]
Post	0.00451	-0.0107**	-0.00202	-0.00904*	0.00370	0.0472***	0.00231	0.00183
	[0.0084]	[0.0045]	[0.0059]	[0.0052]	[0.0085]	[0.0074]	[0.0085]	[0.0057]
Observations	16996	17284	17030	16830	16834	16764	16884	16446
Adjusted R-squared	0.107	0.106	0.103	0.098	0.098	0.116	0.127	0.114
DID with Caliper Matching	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)
GVC × Post	0.0163	0.0146	0.0458**	0.0481**	0.00782	0.0246*	0.0372	0.0131
	[0.0215]	[0.0181]	[0.0195]	[0.0203]	[0.0136]	[0.0139]	[0.0228]	[0.0245]
GVC	0.00600	0.0393	0.0241	0.0162	0.0633	0.00488	0.0427	0.0514
	[0.0403]	[0.0424]	[0.0403]	[0.0458]	[0.0480]	[0.0579]	[0.0324]	[0.0650]
Post	0.0136	-0.0254***	-0.0177*	-0.00684	0.0145	0.0412***	-0.00316	0.00268
	[0.0133]	[0.0087]	[0.0085]	[0.0073]	[0.0180]	[0.0106]	[0.0149]	[0.0107]
Observations	2432	2938	2360	2337	2294	2212	2118	1838
Adjusted R-squared	0.141	0.138	0.144	0.104	0.122	0.134	0.172	0.122
DID with Kernel Matching	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)
GVC × Post	0.0319	0.0165	0.0454**	0.0486**	0.0134	0.0222*	0.0308	0.0130
	[0.0218]	[0.0191]	[0.0182]	[0.0211]	[0.0152]	[0.0118]	[0.0207]	[0.0215]
GVC	-0.00204	0.0138	0.0163	0.0227	0.0373	0.000744	0.0214	0.0281
	[0.0367]	[0.0427]	[0.0346]	[0.0436]	[0.0508]	[0.0555]	[0.0226]	[0.0577]
Post	-0.00128	-0.0247***	-0.0167**	-0.0119*	0.00960	0.0446***	0.00137	-0.00146
	[0.0099]	[0.0056]	[0.0069]	[0.0063]	[0.0135]	[0.0078]	[0.0130]	[0.0078]
Observations	16211	16790	16179	15144	16105	15804	16491	15386
Adjusted R-squared	0.155	0.126	0.135	0.139	0.124	0.121	0.178	0.146

Appendix Table 3 continued

Appendix	Table 4	4: DID	Results	for 2	years
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from	1994	1995	1996	1997	1998	1999	2000	2001
to	1996	1997	1998	1999	2000	2001	2002	2003
DID with Original data	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
GVC × Post	0.0280	0.0391	0.00840	0.0313	0.00722	0.0278	0.0131	0.0555*
	[0.0196]	[0.0298]	[0.0119]	[0.0245]	[0.0212]	[0.0330]	[0.0271]	[0.0295]
GVC	0.426***	0.323***	0.354***	0.382***	0.318***	0.339***	0.342***	0.299***
	[0.0356]	[0.0407]	[0.0362]	[0.0476]	[0.0625]	[0.0226]	[0.0370]	[0.0411]
Post	0.0976***	0.0124	-0.0502***	-0.00438	0.0604***	0.00103	-0.0224**	0.0149
	[0.0119]	[0.0125]	[0.0109]	[0.0110]	[0.0155]	[0.0091]	[0.0101]	[0.0124]
Observations	17252	17922	17730	17970	15954	15486	14920	15072
Adjusted R-squared	0.345	0.320	0.316	0.304	0.286	0.276	0.248	0.212
DID with Caliper Matching	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
GVC × Post	0.0440*	0.0303	0.0235*	0.0446*	0.00622	0.0423	0.0322	0.0644*
	[0.0250]	[0.0211]	[0.0121]	[0.0235]	[0.0328]	[0.0342]	[0.0277]	[0.0365]
GVC	0.0959**	0.0717	0.0293	0.0471	0.0655	0.0877**	0.0273	0.0182
	[0.0355]	[0.0471]	[0.0643]	[0.0498]	[0.0787]	[0.0418]	[0.0428]	[0.0405]
Post	0.0782***	0.0251	-0.0628***	-0.0204	0.0644**	-0.0165	-0.0450*	0.00688
	[0.0225]	[0.0249]	[0.0165]	[0.0155]	[0.0306]	[0.0189]	[0.0240]	[0.0198]
Observations	2684	1907	1681	1840	1714	2298	1792	1782
Adjusted R-squared	0.463	0.325	0.341	0.329	0.290	0.352	0.275	0.264
DID with Kernel Matching	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)
GVC × Post	0.0395**	0.0423	0.0391***	0.0514**	0.0110	0.0403	0.0298	0.0556*
	[0.0190]	[0.0311]	[0.0117]	[0.0209]	[0.0347]	[0.0286]	[0.0269]	[0.0303]
GVC	0.00324	0.00662	0.00326	0.00503	-0.00538	0.00318	0.0107	-0.0390
Deel	[0.0384]	[0.0420]	[0.0584]	[0.0520]	[0.0625]	[0.0424]	[0.0393]	[0.0422]
Post	0.0854	0.0105	-0.0763	-0.0190	0.0592**	-0.0135	-0.0402^{**}	0.00605
Observations	16218	16368	14722	16995	[0.0204] 15057	1/887	[0.0130] 12111	[0.0137] 14700
Adjusted R-squared	0.475	0 374	0 419	0 355	0.287	0.346	0 327	0.278
	0.1/0	0.0/1	0.11/	0.000	0.207	0.010	0.027	0.270
from	2002	2003	2004	2005	2006	2007	2008	2009
from to	2002 2004	2003 2005	2004 2006	2005 2007	2006 2008	2007 2009	2008 2010	2009 2011
from to DID with Original data	2002 2004 (9)	2003 2005 (10)	2004 2006 (11)	2005 2007 (12)	2006 2008 (13)	2007 2009 (14)	2008 2010 (15)	2009 2011 (16)
from to DID with Original data GVC × Post	2002 2004 (9) 0.0687	2003 2005 (10) 0.0496	2004 2006 (11) 0.0936***	2005 2007 (12) 0.0147	2006 2008 (13) -0.00326	2007 2009 (14) 0.00223	2008 2010 (15) 0.0389	2009 2011 (16) 0.0295
from to DID with Original data GVC × Post	2002 2004 (9) 0.0687 [0.0404]	2003 2005 (10) 0.0496 [0.0458]	2004 2006 (11) 0.0936*** [0.0307]	2005 2007 (12) 0.0147 [0.0394]	2006 2008 (13) -0.00326 [0.0339]	2007 2009 (14) 0.00223 [0.0411]	2008 2010 (15) 0.0389 [0.0258]	2009 2011 (16) 0.0295 [0.0324]
from to DID with Original data GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294***	2003 2005 (10) 0.0496 [0.0458] 0.306***	2004 2006 (11) 0.0936*** [0.0307] 0.277***	2005 2007 (12) 0.0147 [0.0394] 0.290***	2006 2008 (13) -0.00326 [0.0339] 0.346***	2007 2009 (14) 0.00223 [0.0411] 0.343***	2008 2010 (15) 0.0389 [0.0258] 0.300***	2009 2011 (16) 0.0295 [0.0324] 0.198***
from to DID with Original data GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426]	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443]	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396]	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463]	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475]	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724]	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419]	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543]
from to DID with Original data GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430***	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503***	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729***	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806***	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390*
from to DID with Original data GVC × Post GVC Post	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146]	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126]	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126]	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150]	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143]	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232]	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163]	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197]
from to DID with Original data GVC × Post GVC Post Observations	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32)	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33)	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34)	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35)	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36)	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37)	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38)	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102***	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396]	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501]	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335]	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554]	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313]	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363]	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320]	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705*	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398]	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522]	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539]	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0507]	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549]	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840]	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525]	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0374]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477***	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0554] 0.0239 [0.0507] -0.0584*	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101***	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117***	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0374] 0.0261
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256]	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176]	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152]	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0507] -0.0584* [0.0288]	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189]	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316]	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266]	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0374] 0.0261 [0.0232]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256] 2004	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176] 2116	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0507] -0.0584* [0.0288] 1676	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 2.454	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 2.102	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0274] 0.0261 [0.0232] 2260
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256] 2004 0.243	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176] 2116 0.241	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800 0.213	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0507] -0.0584* [0.0288] 1676 0.166	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 0.161	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568 0.190	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 0.138	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0374] 0.0261 [0.0232] 2260 0.166
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching CVC × Post	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256] 2004 0.243 (55) 0.068	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176] 2116 0.241 (56) 0.0574	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800 0.213 (57) 0.101***	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0554] 0.0239 [0.0554] -0.0584* [0.0288] 1676 0.166 (58) 0.0145	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 0.161 (59) 0.0222	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568 0.190 (60) 0.0344	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 0.138 (61) 0.0475*	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0426 [0.0289] 0.0163 [0.0374] 0.0261 [0.0232] 2260 0.166 (62)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0145] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256] 2004 0.243 (55) 0.0608 [0.0277]	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176] 2116 0.241 (56) 0.0574 [0.0287]	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800 0.213 (57) 0.101***	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0554] 0.0239 [0.0554] 0.0239 [0.0554] -0.0584* [0.0288] 1676 0.166 (58) 0.0145	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 0.161 (59) 0.0333 [0.0226]	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568 0.190 (60) 0.0344 [0.0227]	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 0.138 (61) 0.0475*	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0261 [0.0232] 2260 0.166 (62) 0.0362
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post CVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256] 2004 0.243 (55) 0.0608 [0.0377] 0.00706	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176] 2116 0.241 (56) 0.0574 [0.0387] 0.00804	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800 0.213 (57) 0.101*** [0.0339] 0.0141	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0554] 0.0239 [0.0554] 0.0239 [0.0554] 0.0238 [0.0584* [0.0288] 1676 0.166 (58) 0.0145 [0.0406] 0.0202	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 0.161 (59) 0.0333 [0.0296] 0.00757	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568 0.190 (60) 0.0344 [0.0337] 0.00520	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 0.138 (61) 0.0475* [0.0270] 0.00252	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0274] 0.0261 [0.0232] 2260 0.166 (62) 0.0362 [0.0294] 0.0121
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256] 2004 0.243 (55) 0.0608 [0.0377] 0.00796 [0.0341]	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0204 [0.0522] 0.0204 [0.0176] 2116 0.241 (56) 0.0574 [0.0387] 0.00804 [0.0482]	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800 0.213 (57) 0.101*** [0.0339] 0.0141 [0.0535]	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0507] -0.0584* [0.0288] 1676 0.166 (58) 0.0145 [0.0406] 0.0203 [0.0435]	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 0.161 (59) 0.0333 [0.0296] 0.00757 [0.0470]	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568 0.190 (60) 0.0344 [0.0337] 0.00520 [0.0786]	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 0.138 (61) 0.0475* [0.0270] 0.00252 [0.0408]	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0274] 0.0261 [0.0232] 2260 0.166 (62) 0.0362 [0.0294] 0.0121 [0.0364]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256] 2004 0.243 (55) 0.0608 [0.0377] 0.00796 [0.0341] 0.0257	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176] 2116 0.241 (56) 0.0574 [0.0387] 0.00804 [0.0482] 0.00968	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800 0.213 (57) 0.101*** [0.0339] 0.0141 [0.0535] -0.0436*	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0507] -0.0584* [0.0288] 1676 0.166 (58) 0.0145 [0.0406] 0.0203 [0.0435] -0.0646***	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 0.161 (59) 0.0333 [0.0296] 0.00757 [0.0470] -0.110***	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568 0.190 (60) 0.0344 [0.0337] 0.00520 [0.0786] -0.110***	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 0.138 (61) 0.0475* [0.0270] 0.00252 [0.0408] 0.00963	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0274] 0.0261 [0.0232] 2260 0.166 (62) 0.0362 [0.0294] 0.0121 [0.0364] 0.0343
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0396] 0.0297 [0.0256] 2004 0.243 (55) 0.0608 [0.0377] 0.00796 [0.0341] 0.0257 [0.0214]	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176] 2116 0.241 (56) 0.0574 [0.0387] 0.00804 [0.0482] 0.00968 [0.0198]	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800 0.213 (57) 0.101*** [0.0339] 0.0141 [0.0535] -0.0436* [0.0213]	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0507] -0.0584* [0.0288] 1676 0.166 (58) 0.0145 [0.0406] 0.0203 [0.0435] -0.0646***	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 0.161 (59) 0.0333 [0.0296] 0.00757 [0.0470] -0.110*** [0.0185]	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568 0.190 (60) 0.0344 [0.0337] 0.00520 [0.0786] -0.110*** [0.0315]	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 0.138 (61) 0.0475* [0.0270] 0.00252 [0.0408] 0.00963 [0.0238]	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0274] 0.0261 [0.0232] 2260 0.166 (62) 0.0362 [0.0294] 0.0121 [0.0364] 0.0343 [0.0217]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post Observations	2002 2004 (9) 0.0687 [0.0404] 0.294*** [0.0426] 0.0145 [0.0145 [0.0146] 15100 0.191 (32) 0.0548 [0.0396] 0.0705* [0.0398] 0.0297 [0.0256] 2004 0.243 (55) 0.0608 [0.0377] 0.00796 [0.0341] 0.0257 [0.0214] 13870	2003 2005 (10) 0.0496 [0.0458] 0.306*** [0.0443] 0.00682 [0.0126] 15004 0.151 (33) 0.0275 [0.0501] 0.0709 [0.0522] 0.0204 [0.0176] 2116 0.241 (56) 0.0574 [0.0387] 0.00804 [0.0482] 0.00968 [0.0198] 11301	2004 2006 (11) 0.0936*** [0.0307] 0.277*** [0.0396] -0.0430*** [0.0126] 14864 0.130 (34) 0.102*** [0.0335] 0.0305 [0.0539] -0.0477*** [0.0152] 1800 0.213 (57) 0.101*** [0.0339] 0.0141 [0.0535] -0.0436* [0.0213] 12080	2005 2007 (12) 0.0147 [0.0394] 0.290*** [0.0463] -0.0503*** [0.0150] 14588 0.116 (35) 0.00909 [0.0554] 0.0239 [0.0554] 0.0239 [0.0584* [0.0288] 1676 0.166 (58) 0.0145 [0.0406] 0.0203 [0.0435] -0.0646*** [0.0180] 12320	2006 2008 (13) -0.00326 [0.0339] 0.346*** [0.0475] -0.0729*** [0.0143] 14542 0.103 (36) 0.0199 [0.0313] 0.0453 [0.0549] -0.101*** [0.0189] 1658 0.161 (59) 0.0333 [0.0296] 0.00757 [0.0470] -0.110*** [0.0185] 13252	2007 2009 (14) 0.00223 [0.0411] 0.343*** [0.0724] -0.0806*** [0.0232] 14744 0.114 (37) 0.0357 [0.0363] 0.0434 [0.0840] -0.117*** [0.0316] 1568 0.190 (60) 0.0344 [0.0337] 0.00520 [0.0786] -0.110*** [0.0315] 12390	2008 2010 (15) 0.0389 [0.0258] 0.300*** [0.0419] 0.0149 [0.0163] 14916 0.100 (38) 0.0287 [0.0320] 0.0369 [0.0525] 0.0173 [0.0266] 2537 0.138 (61) 0.0475* [0.0270] 0.00252 [0.0408] 0.00963 [0.0238] 12719	2009 2011 (16) 0.0295 [0.0324] 0.198*** [0.0543] 0.0390* [0.0197] 14956 0.117 (39) 0.0426 [0.0289] 0.0163 [0.0289] 0.0163 [0.0274] 0.0261 [0.0232] 2260 0.166 (62) 0.0362 [0.0294] 0.0121 [0.0364] 0.0343 [0.0217] 14418

from	2010	2011	2012	2013	2014	2015	2016
to	2012	2013	2014	2015	2016	2017	2018
DID with Original data	(17)	(18)	(19)	(20)	(21)	(22)	(23)
GVC × Post	0.0413	0.00802	0.0329*	0.0458*	0.0551*	0.0478*	0.0185
	[0.0261]	[0.0275]	[0.0174]	[0.0248]	[0.0308]	[0.0274]	[0.0248]
GVC	0.296***	0.246***	0.287***	0.199***	0.237***	0.236***	0.271***
	[0.0368]	[0.0429]	[0.0456]	[0.0674]	[0.0564]	[0.0563]	[0.0316]
Post	-0.00905	-0.0142**	-0.00935	-0.00586	0.0490***	0.0496***	0.00193
	[0.0100]	[0.0058]	[0.0097]	[0.0099]	[0.0114]	[0.0105]	[0.0115]
Observations	15080	15408	15218	15206	15232	15330	15356
Adjusted R-squared	0.113	0.104	0.105	0.102	0.115	0.112	0.122
DID with Caliper Matching	(40)	(41)	(42)	(43)	(44)	(45)	(46)
GVC × Post	0.0551	0.0333	0.0359*	0.0493*	0.0282	0.0481	0.0449**
	[0.0333]	[0.0273]	[0.0201]	[0.0268]	[0.0256]	[0.0295]	[0.0199]
GVC	0.0586	0.0712	0.0597	-0.00370	0.0879*	0.0162	0.0180
	[0.0406]	[0.0488]	[0.0375]	[0.0703]	[0.0509]	[0.0691]	[0.0336]
Post	-0.0176	-0.0379***	-0.0139	-0.00734	0.0767***	0.0516***	-0.0121
	[0.0183]	[0.0089]	[0.0131]	[0.0147]	[0.0231]	[0.0179]	[0.0197]
Observations	1741	2160	1706	1756	1678	1744	1705
Adjusted R-squared	0.157	0.156	0.151	0.099	0.122	0.140	0.171
DID with Kernel Matching	(63)	(64)	(65)	(66)	(67)	(68)	(69)
GVC × Post	0.0663**	0.0213	0.0420**	0.0441*	0.0364	0.0429*	0.0390*
	[0.0315]	[0.0281]	[0.0187]	[0.0222]	[0.0257]	[0.0242]	[0.0204]
GVC	0.00376	0.0131	0.0176	0.0181	0.0252	0.00774	0.00898
	[0.0416]	[0.0466]	[0.0360]	[0.0658]	[0.0596]	[0.0653]	[0.0388]
Post	-0.0307*	-0.0261***	-0.0163	-0.00797	0.0668***	0.0498***	-0.0109
	[0.0149]	[0.0067]	[0.0129]	[0.0152]	[0.0190]	[0.0128]	[0.0204]
Observations	12945	14636	13738	13486	14598	14887	14480
Adjusted R-squared	0.173	0.153	0.183	0.140	0.183	0.145	0.171

Appendix Table 4 continued

Appendix	Table 5	5: DID	Results	for 3	years
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from	1994	1995	1996	1997	1998	1999	2000	2001
to	1997	1998	1999	2000	2001	2002	2003	2004
DID with Original data	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
GVC × Post	0.0326	0.0308	0.0266	0.0463**	-0.0131	0.0575	0.0711**	0.0864**
	[0.0300]	[0.0316]	[0.0345]	[0.0204]	[0.0426]	[0.0476]	[0.0332]	[0.0393]
GVC	0.438***	0.368***	0.374***	0.414***	0.349***	0.373***	0.364***	0.267***
	[0.0578]	[0.0459]	[0.0488]	[0.0381]	[0.0523]	[0.0275]	[0.0463]	[0.0426]
Post	0.0741***	-0.0216	-0.0243*	0.0318**	0.0293**	0.00794	-0.0147	0.0210
	[0.0171]	[0.0150]	[0.0126]	[0.0144]	[0.0136]	[0.0121]	[0.0123]	[0.0189]
Observations	15302	16026	15834	14408	13998	13548	12898	13560
Adjusted R-squared	0.336	0.326	0.315	0.298	0.282	0.263	0.224	0.199
DID with Caliper Matching	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
GVC × Post	0.0216	0.0264	0.0617	0.0542***	0.0133	0.0435	0.0897***	0.0696
	[0.0270]	[0.0313]	[0.0372]	[0.0190]	[0.0531]	[0.0405]	[0.0301]	[0.0462]
GVC	0.0767	0.0292	0.0170	0.0388	0.0435	0.0545	0.0435	0.0201
	[0.0602]	[0.0537]	[0.0635]	[0.0522]	[0.0842]	[0.0354]	[0.0455]	[0.0478]
Post	0.0842**	-0.0189	-0.0381	0.0185	0.00911	0.0161	-0.0283	0.0349
	[0.0312]	[0.0216]	[0.0232]	[0.0229]	[0.0261]	[0.0271]	[0.0211]	[0.0297]
Observations	1762	1454	1267	1337	1199	1860	1325	1466
Adjusted R-squared	0.435	0.291	0.398	0.387	0.317	0.333	0.273	0.289
DID with Kernel Matching	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)
GVC × Post	0.0248	0.0478	0.0430	0.0656***	0.00583	0.0591	0.0888***	0.0614
	[0.0226]	[0.0317]	[0.0362]	[0.0171]	[0.0531]	[0.0422]	[0.0266]	[0.0389]
GVC	0.0168	-0.0109	0.00711	0.000418	0.00571	-0.00295	0.0279	-0.0181
	[0.0466]	[0.0559]	[0.0610]	[0.0516]	[0.0706]	[0.0375]	[0.0378]	[0.0459]
Post	0.0716**	-0.0375*	-0.0323	0.0118	0.0136	0.00535	-0.0246	0.0405*
	[0.0288]	[0.0213]	[0.0214]	[0.0197]	[0.0345]	[0.0268]	[0.0269]	[0.0229]
Observations	11927	13356	12420	11950	12053	12001	8314	10230
Adjusted R-squared	0.496	0.371	0.410	0.370	0.307	0.324	0.257	0.266
from	2002	2003	2004	2005	2006	2007	2008	2009
from to	2002 2005	2003 2006	2004 2007	2005 2008	2006 2009	2007 2010	2008 2011	2009 2012
from to DID with Original data	2002 2005 (9)	2003 2006 (10)	2004 2007 (11)	2005 2008 (12)	2006 2009 (13)	2007 2010 (14)	2008 2011 (15)	2009 2012 (16)
from to DID with Original data GVC × Post	2002 2005 (9) 0.0675	2003 2006 (10) 0.0487	2004 2007 (11) 0.0693**	2005 2008 (12) -0.0164	2006 2009 (13) -0.0174	2007 2010 (14) 0.00641	2008 2011 (15) 0.0374	2009 2012 (16) 0.0881**
from to DID with Original data GVC × Post	2002 2005 (9) 0.0675 [0.0511]	2003 2006 (10) 0.0487 [0.0356]	2004 2007 (11) 0.0693** [0.0320]	2005 2008 (12) -0.0164 [0.0448]	2006 2009 (13) -0.0174 [0.0540]	2007 2010 (14) 0.00641 [0.0352]	2008 2011 (15) 0.0374 [0.0334]	2009 2012 (16) 0.0881** [0.0367]
from to DID with Original data GVC × Post GVC	2002 2005 (9) 0.0675 [0.0511] 0.333***	2003 2006 (10) 0.0487 [0.0356] 0.326***	2004 2007 (11) 0.0693** [0.0320] 0.311***	2005 2008 (12) -0.0164 [0.0448] 0.329***	2006 2009 (13) -0.0174 [0.0540] 0.364***	2007 2010 (14) 0.00641 [0.0352] 0.372***	2008 2011 (15) 0.0374 [0.0334] 0.328***	2009 2012 (16) 0.0881** [0.0367] 0.178***
from to DID with Original data GVC × Post GVC	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659]	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520]	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544]	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602]	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575]	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782]	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436]	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560]
from to DID with Original data GVC × Post GVC Post	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351*	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493**	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114***	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924***	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471**	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258
from to DID with Original data GVC × Post GVC Post	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201]	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173]	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206]	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216]	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245]	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182]	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148]	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213]
from to DID with Original data GVC × Post GVC Post Observations	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31)	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32)	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33)	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34)	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35)	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36)	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37)	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724**	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606**
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480]	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297]	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394]	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406]	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416]	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398]	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327]	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670]	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658]	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622]	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675]	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649]	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0936]	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615]	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0399]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133***	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124***	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0936] -0.0776*	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0399] 0.0508**
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298]	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351]	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310]	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266]	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370]	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0936] -0.0776* [0.0398]	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184]	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0359 [0.0399] 0.0508** [0.0188]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0936] -0.0776* [0.0398] 1255	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0359 [0.0359] 0.0508** [0.0188] 1840
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534 0.253	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420 0.167	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0936] -0.0776* [0.0398] 1255 0.171	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0359 [0.0399] 0.0508** [0.0188] 1840 0.180
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534 0.253 (53)	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173 (54)	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420 0.167 (55)	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165 (56)	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204 (57)	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0398] 0.0472 [0.0398] 1255 0.171 (58)	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132 (59)	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0399] 0.0508** [0.0188] 1840 0.180 (60)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534 0.253 (53) 0.0790*	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173 (54) 0.0511	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420 0.167 (55) 0.0571*	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165 (56) 0.00641	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204 (57) 0.00295	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0936] -0.0776* [0.0398] 1255 0.171 (58) 0.0185	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132 (59) 0.0291	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0399] 0.0508** [0.0188] 1840 0.180 (60) 0.0828***
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534 0.253 (53) 0.0790* [0.0396]	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173 (54) 0.0511 [0.0313]	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420 0.167 (55) 0.0571* [0.0285]	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165 (56) 0.00641 [0.0445]	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204 (57) 0.00295 [0.0509]	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0398] 0.0472 [0.0398] 1255 0.171 (58) 0.0185 [0.0385]	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132 (59) 0.0291 [0.0372]	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0399] 0.0508** [0.0188] 1840 0.180 (60) 0.0828*** [0.0276]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534 0.253 (53) 0.0790* [0.0396] 0.00838	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173 (54) 0.0511 [0.0313] 0.0122	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420 0.167 (55) 0.0571* [0.0285] 0.0142	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165 (56) 0.00641 [0.0445] -0.0109	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204 (57) 0.00295 [0.0509] 0.00997	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0398] 0.0472 [0.0398] 1255 0.171 (58) 0.0185 [0.0385] -0.00493	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132 (59) 0.0291 [0.0372] 0.00570	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0359 [0.0359 [0.0359 [0.0359] 0.0508** [0.0188] 1840 0.180 (60) 0.0828*** [0.0276] 0.0112
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Support	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534 0.253 (53) 0.0790* [0.0396] 0.00838 [0.0482]	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173 (54) 0.0511 [0.0313] 0.0122 [0.0612]	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420 0.167 (55) 0.0571* [0.0285] 0.0142 [0.0650]	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165 (56) 0.00641 [0.0445] -0.0109 [0.0549]	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204 (57) 0.00295 [0.0509] 0.00997 [0.0743]	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0398] 0.0472 [0.0398] 1255 0.171 (58) 0.0185 [0.0385] -0.00493 [0.0818]	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132 (59) 0.0291 [0.0372] 0.00570 [0.0347]	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0359 [0.0359 [0.0359 [0.0359] 0.0508** [0.0188] 1840 0.180 (60) 0.0828*** [0.0276] 0.0112 [0.0342]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534 0.253 (53) 0.0790* [0.0396] 0.00838 [0.0482] 0.00946	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173 (54) 0.0511 [0.0313] 0.0122 [0.0612] -0.0293	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420 0.167 (55) 0.0571* [0.0285] 0.0142 [0.0650] -0.0329	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165 (56) 0.00641 [0.0445] -0.0109 [0.0549] -0.141***	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204 (57) 0.00295 [0.0509] 0.00997 [0.0743] -0.121***	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0398] 0.0472 [0.0398] 1255 0.171 (58) 0.0185 [0.0385] -0.00493 [0.0818] -0.0575	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132 (59) 0.0291 [0.0372] 0.00570 [0.0347] 0.0303	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0359 [0.0359 [0.0359 [0.0359] 0.0508** [0.0188] 1840 0.180 (60) 0.0828*** [0.0276] 0.0112 [0.0342] 0.0273
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC Post	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0513 [0.0670] 0.0257 [0.0298] 1534 0.253 (53) 0.0790* [0.0396] 0.00838 [0.0482] 0.00946 [0.0375]	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173 (54) 0.0511 [0.0313] 0.0122 [0.0612] -0.0293 [0.0288]	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0310] 1420 0.167 (55) 0.0571* [0.0285] 0.0142 [0.0650] -0.0329 [0.0260]	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165 (56) 0.00641 [0.0445] -0.0109 [0.0549] -0.141*** [0.0235]	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204 (57) 0.00295 [0.0509] 0.00997 [0.0743] -0.121*** [0.0326]	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0936] -0.0776* [0.0398] 1255 0.171 (58) 0.0185 [0.0385] -0.00493 [0.0818] -0.0575 [0.0346]	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132 (59) 0.0291 [0.0372] 0.00570 [0.0347] 0.0303 [0.0247]	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0399] 0.0508** [0.0399] 0.0508** [0.0399] 0.0508** [0.0399] 0.0508** [0.0399] 0.0508** [0.0276] 0.0112 [0.0342] 0.0273 [0.0200]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC Post GVC Post Observations	2002 2005 (9) 0.0675 [0.0511] 0.333*** [0.0659] 0.0139 [0.0201] 13432 0.178 (31) 0.0574 [0.0480] 0.0573 [0.0257 [0.0298] 1534 0.253 (53) 0.0790* [0.0396] 0.00838 [0.0482] 0.00946 [0.0375] 11268	2003 2006 (10) 0.0487 [0.0356] 0.326*** [0.0520] -0.0351* [0.0173] 13108 0.148 (32) 0.0724** [0.0297] 0.0656 [0.0658] -0.0462 [0.0351] 1606 0.173 (54) 0.0511 [0.0313] 0.0122 [0.0612] -0.0293 [0.0288] 9041	2004 2007 (11) 0.0693** [0.0320] 0.311*** [0.0544] -0.0493** [0.0206] 13136 0.127 (33) 0.0557 [0.0394] 0.0557 [0.0394] 0.0214 [0.0622] -0.0411 [0.0622] -0.0411 [0.0310] 1420 0.167 (55) 0.0571* [0.0285] 0.0142 [0.0650] -0.0329 [0.0260] 10480	2005 2008 (12) -0.0164 [0.0448] 0.329*** [0.0602] -0.114*** [0.0216] 12928 0.115 (34) -0.00992 [0.0406] 0.0362 [0.0675] -0.133*** [0.0266] 1203 0.165 (56) 0.00641 [0.0445] -0.0109 [0.0549] -0.141*** [0.0235] 9989	2006 2009 (13) -0.0174 [0.0540] 0.364*** [0.0575] -0.0924*** [0.0245] 12962 0.124 (35) 0.0221 [0.0416] 0.0557 [0.0649] -0.124*** [0.0370] 1172 0.204 (57) 0.00295 [0.0509] 0.00997 [0.0743] -0.121*** [0.0326] 11988	2007 2010 (14) 0.00641 [0.0352] 0.372*** [0.0782] -0.0471** [0.0182] 13042 0.109 (36) 0.0367 [0.0398] 0.0472 [0.0398] 0.0472 [0.0398] 1255 0.171 (58) 0.0185 [0.0385] -0.0493 [0.0818] -0.0575 [0.0346] 10843	2008 2011 (15) 0.0374 [0.0334] 0.328*** [0.0436] 0.0202 [0.0148] 13508 0.099 (37) 0.0361 [0.0327] 0.0491 [0.0615] 0.0196 [0.0184] 1996 0.132 (59) 0.0291 [0.0372] 0.00570 [0.0347] 0.0303 [0.0247] 11736	2009 2012 (16) 0.0881** [0.0367] 0.178*** [0.0560] 0.0258 [0.0213] 13460 0.120 (38) 0.0606** [0.0269] 0.0359 [0.0399] 0.0508** [0.0188] 1840 0.180 (60) 0.0828*** [0.0276] 0.0273 [0.0200] 12130

from	2010	2011	2012	2013	2014	2015
to	2013	2014	2015	2016	2017	2018
DID with Original data	(17)	(18)	(19)	(20)	(21)	(22)
GVC × Post	0.0153	0.0392	0.0453***	0.0703***	0.0592	0.0766***
	[0.0416]	[0.0388]	[0.0141]	[0.0245]	[0.0375]	[0.0240]
GVC	0.256***	0.234***	0.296***	0.218**	0.233***	0.220***
	[0.0387]	[0.0387]	[0.0396]	[0.0776]	[0.0547]	[0.0691]
Post	-0.0103	-0.0228**	-0.00676	0.0378***	0.0498***	0.0493***
	[0.0092]	[0.0099]	[0.0146]	[0.0131]	[0.0131]	[0.0124]
Observations	13644	13972	13944	13928	14088	14134
Adjusted R-squared	0.109	0.105	0.109	0.116	0.109	0.107
DID with Caliper Matching	(39)	(40)	(41)	(42)	(43)	(44)
GVC × Post	0.00539	0.0612	0.0339*	0.0548*	0.0394	0.0723***
	[0.0502]	[0.0422]	[0.0185]	[0.0291]	[0.0328]	[0.0247]
GVC	0.0463	0.0192	0.0701*	0.0543	0.0844	0.0231
	[0.0593]	[0.0531]	[0.0377]	[0.0736]	[0.0585]	[0.0732]
Post	-0.00472	-0.0369**	0.00191	0.0478**	0.0644**	0.0557***
	[0.0252]	[0.0154]	[0.0180]	[0.0175]	[0.0274]	[0.0173]
Observations	1320	1635	1376	1358	1399	1409
Adjusted R-squared	0.160	0.159	0.167	0.131	0.154	0.135
DID with Kernel Matching	(61)	(62)	(63)	(64)	(65)	(66)
GVC × Post	0.0285	0.0517	0.0433***	0.0639**	0.0482	0.0611**
	[0.0458]	[0.0406]	[0.0144]	[0.0284]	[0.0340]	[0.0256]
GVC	0.0279	-0.000598	0.0229	0.00570	0.0328	0.0000112
	[0.0431]	[0.0564]	[0.0464]	[0.0764]	[0.0582]	[0.0660]
Post	-0.0191	-0.0358***	-0.00512	0.0356*	0.0589**	0.0668***
	[0.0138]	[0.0112]	[0.0151]	[0.0172]	[0.0223]	[0.0224]
Observations	12089	12378	12566	12073	12853	12892
Adjusted R-squared	0.153	0.146	0.192	0.143	0.166	0.118

Appendix Table 5 continued

Appendix Table 6: DID Results for 4 years

from	1994	1995	1996	1997	1998	1999	2000	2001
to	1998	1999	2000	2001	2002	2003	2004	2005
DID with Original data	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
GVC × Post	0.0598**	0.0512*	0.0473	0.0148	-0.0137	0.0933*	0.115***	0.0998**
	[0.0254]	[0.0267]	[0.0502]	[0.0354]	[0.0366]	[0.0508]	[0.0261]	[0.0360]
GVC	0.458***	0.387***	0.383***	0.453***	0.393***	0.415***	0.372***	0.272***
	[0.0694]	[0.0503]	[0.0589]	[0.0523]	[0.0593]	[0.0407]	[0.0435]	[0.0547]
Post	0.0414**	0.00366	0.0112	0.00407	0.0366*	0.0139	-0.00991	0.0205
	[0.0194]	[0.0162]	[0.0182]	[0.0144]	[0.0181]	[0.0175]	[0.0171]	[0.0228]
Observations	13844	14416	12866	12774	12334	11800	11728	12210
Adjusted R-squared	0.338	0.327	0.305	0.293	0.270	0.238	0.211	0.189
DID with Caliper Matching	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
GVC × Post	0.0682**	0.0697*	0.0604	0.0348	0.0166	0.0528	0.0996***	0.0619
	[0.0318]	[0.0352]	[0.0566]	[0.0311]	[0.0543]	[0.0429]	[0.0325]	[0.0433]
GVC	0.0639	0.00294	0.0606	0.0378	0.0158	0.0548	0.0663	0.0144
	[0.0623]	[0.0564]	[0.0752]	[0.0551]	[0.0895]	[0.0394]	[0.0548]	[0.0487]
Post	0.0285	-0.0145	0.0114	-0.0331	0.00205	0.0502	-0.00794	0.0554
	[0.0310]	[0.0312]	[0.0412]	[0.0279]	[0.0291]	[0.0447]	[0.0387]	[0.0381]
Observations	1462	1196	1023	1078	1024	1348	1075	1168
Adjusted R-squared	0.418	0.330	0.350	0.384	0.280	0.303	0.228	0.261
DID with Kernel Matching	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
GVC × Post	0.0442	0.0710*	0.0503	0.0325	0.0255	0.0730*	0.101***	0.0639
	[0.0346]	[0.0349]	[0.0560]	[0.0337]	[0.0409]	[0.0414]	[0.0315]	[0.0411]
GVC	-0.00116	-0.0250	0.00570	0.0121	-0.0260	0.0114	-0.00887	0.00290
	[0.0653]	[0.0680]	[0.0836]	[0.0478]	[0.0940]	[0.0404]	[0.0528]	[0.0520]
Post	0.0491	-0.0114	0.0134	-0.0217	-0.00789	0.0373	-0.00478	0.0503
	[0.0431]	[0.0256]	[0.0479]	[0.0216]	[0.0304]	[0.0392]	[0.0347]	[0.0384]
Observations	11170	12285	9934	10032	10353	11086	7320	9166
Adjusted R-squared	0.515	0.387	0.413	0.487	0.319	0.348	0.256	0.323
from	2002	2003	2004	2005	2006	2007	2008	2009
from to	2002 2006	2003 2007	2004 2008	2005 2009	2006 2010	2007 2011	2008 2012	2009 2013
from to DID with Original data	2002 2006 (9)	2003 2007 (10)	2004 2008 (11)	2005 2009 (12)	2006 2010 (13)	2007 2011 (14)	2008 2012 (15)	2009 2013 (16)
from to DID with Original data GVC × Post	2002 2006 (9) 0.122**	2003 2007 (10) 0.0556	2004 2008 (11) 0.0348	2005 2009 (12) -0.0619	2006 2010 (13) 0.0607*	2007 2011 (14) -0.00912	2008 2012 (15) 0.0297	2009 2013 (16) 0.0794*
from to DID with Original data GVC × Post	2002 2006 (9) 0.122** [0.0535]	2003 2007 (10) 0.0556 [0.0398]	2004 2008 (11) 0.0348 [0.0482]	2005 2009 (12) -0.0619 [0.0629]	2006 2010 (13) 0.0607* [0.0345]	2007 2011 (14) -0.00912 [0.0496]	2008 2012 (15) 0.0297 [0.0346]	2009 2013 (16) 0.0794* [0.0437]
from to DID with Original data GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320***	2003 2007 (10) 0.0556 [0.0398] 0.366***	2004 2008 (11) 0.0348 [0.0482] 0.353***	2005 2009 (12) -0.0619 [0.0629] 0.360***	2006 2010 (13) 0.0607* [0.0345] 0.425***	2007 2011 (14) -0.00912 [0.0496] 0.383***	2008 2012 (15) 0.0297 [0.0346] 0.323***	2009 2013 (16) 0.0794* [0.0437] 0.203***
from to DID with Original data GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] 0.0277	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468]	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] 0.114***	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] 0.122***	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] 0.0531**	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] 0.042(5*	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.0506]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.025(1
from to DID with Original data GVC × Post GVC Post	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437*	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114***	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132***	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581**	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426**	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212]
from to DID with Original data GVC × Post GVC Post	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11892	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11/28	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11(02)	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11022	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 1226(
from to DID with Original data GVC × Post GVC Post Observations	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.160	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.1126	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.115	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliner Matching	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (20)	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (21)	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (22)	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33)	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (24)	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching CVC × Post	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109**	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586**	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) 0.0426	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0772*	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) 0.0139	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724**
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503]	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267]	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488]	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599]	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376]	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483]	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483] 0.0830	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932**
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837]	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561]	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630]	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761]	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.07021]	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483] 0.0830 [0.1050]	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109**	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191***	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108***	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483] 0.0830 [0.1050] -0.0453	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.000900	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390]	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0439]	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384]	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335]	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375]	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483] 0.0830 [0.1050] -0.0453 [0.0276]	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.000900 [0.0259]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0308]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0439] 1298	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483] 0.0830 [0.1050] -0.0453 [0.0276] 987	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.000900 [0.0259] 1740	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0308] 1496
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0 191	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0439] 1298 0 209	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0 148	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0 163	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483] 0.0830 [0.1050] -0.0453 [0.0276] 987 0 134	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.000900 [0.0259] 1740 0 119	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0308] 1496 0 156
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0.191 (52)	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0439] 1298 0.209 (53)	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0.148 (54)	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0.163 (55)	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146 (56)	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483] 0.0830 [0.1050] -0.0453 [0.0276] 987 0.134	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.000900 [0.0259] 1740 0.119	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0308] 1496 0.156 (59)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0.191 (52) 0.136***	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0439] 1298 0.209 (53) 0.0317	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0.148 (54) 0.0640	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0.163 (55) -0.0355	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146 (56) 0.0918**	2007 2011 (14) -0.0912 (0.496] 0.383*** [0.0886] -0.0426** (0.0183] 11922 0.105 (35) -0.0139 (0.483] 0.0830 (0.1050] -0.0453 (0.276] 987 0.134 (57) 0.00429	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.000900 [0.0259] 1740 0.119 (58) 0.0373	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0394] 0.0493 [0.0308] 1496 0.156 (59) 0.0705**
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0.191 (52) 0.136*** [0.0368]	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0267] 1298 0.209 (53) 0.0317 [0.0298]	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0.148 (54) 0.0640 [0.0522]	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0.163 (55) -0.0355 [0.0601]	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146 (56) 0.0918** [0.0346]	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (0.0139 [0.0483] 0.0830 [0.1050] -0.0453 [0.0276] 987 0.134 (57) 0.00429 [0.0499]	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.000900 [0.0259] 1740 0.119 (58) 0.0373 [0.0406]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0394] 0.0493 [0.0394] 1496 0.156 (59) 0.0705** [0.0306]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0.191 (52) 0.136*** [0.0368] -0.0104	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0267] 0.0639 [0.0561] -0.0417 [0.02417 [0.0298] 0.0317 [0.0298] 0.0244	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0.148 (54) 0.0640 [0.0522] 0.00634	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0.163 (55) -0.0355 [0.0601] -0.000459	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146 (56) 0.0918** [0.0346] -0.0284	2007 2011 (14) -0.00912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (35) -0.0139 [0.0483] 0.0830 [0.1050] -0.0453 [0.0276] 987 0.134 (57) 0.00429 [0.0499] 0.0211	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0407] 0.00900 [0.0259] 1740 0.119 (58) 0.0373 [0.0406] -0.000696	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0394] 0.0493 [0.0308] 1496 0.156 (59) 0.0705** [0.0306] 0.0385
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0.191 (52) 0.136*** [0.0368] -0.0104 [0.0778]	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0267] 0.0639 [0.0561] -0.0417 [0.0439] 1298 0.209 (53) 0.0317 [0.0298] 0.0244 [0.0480]	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0.148 (54) 0.0640 [0.0522] 0.00634 [0.0880]	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0.163 (55) -0.0355 [0.0601] -0.000459 [0.0603]	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146 (56) 0.0918** [0.0346] -0.0284 [0.0903]	2007 2011 (14) -0.0912 [0.0496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (0.0139 [0.0483] 0.0830 [0.0276] 987 0.134 (0.0276] 987 0.134 (57) 0.00429 [0.0499] 0.0211 [0.0968]	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.000900 [0.0259] 1740 0.119 (58) 0.0373 [0.0406] -0.000696 [0.0731]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0394] 0.0493 [0.0308] 1496 0.156 (59) 0.0705** [0.0306] 0.0385 [0.0338]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0.191 (52) 0.136*** [0.0368] -0.0104 [0.0778] -0.0165	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0439] 1298 0.209 (53) 0.0317 [0.0298] 0.0244 [0.0480] -0.0211	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0.148 (54) 0.0640 [0.0522] 0.00634 [0.0880] -0.137***	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0.163 (55) -0.0355 [0.0601] -0.000459 [0.0603] -0.178**	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146 (56) 0.0918** [0.0346] -0.0284 [0.0903] -0.113***	2007 2011 (14) -0.0912 (0.496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (0.134 [0.0483] 0.0830 [0.0483] 0.0830 [0.0483] 0.0830 [0.0276] 987 0.134 (57) 0.03429 [0.0429] 0.0211 [0.0968] -0.0606**	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.00900 [0.0259] 1740 0.119 (58) 0.0373 [0.0406] -0.000696 [0.0731] 0.00176	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0394] 0.0493 [0.0308] 1496 0.156 (59) 0.0705** [0.0306] 0.0385 [0.0338] 0.0321
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0.191 (52) 0.136*** [0.0368] -0.0104 [0.0778] -0.0165 [0.0509]	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0439] 1298 0.209 (53) 0.0317 [0.0298] 0.0244 [0.0480] -0.0211 [0.0502]	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0.148 (54) 0.0640 [0.0522] 0.00634 [0.0880] -0.137*** [0.0345]	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0.163 (55) -0.0355 [0.0601] -0.000459 [0.0603] -0.178** [0.0780]	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146 (56) 0.0918** [0.0346] -0.0284 [0.0903] -0.113*** [0.0362]	2007 2011 (14) -0.0912 (0.496] 0.383*** [0.0886] -0.0426** [0.0183] 11922 0.105 (0.139 [0.0483] 0.0300 [0.0483] 0.0300 [0.0483] 0.0300 [0.0483] 0.0300 [0.0483] 0.0300 [0.0483] 0.0300 [0.0483] 0.0300 [0.0490] 0.0211 [0.0968] -0.0606** [0.0281]	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.00900 [0.0259] 1740 0.019 (58) 0.0373 [0.0406] -0.000696 [0.0731] 0.00176 [0.0191]	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0308] 1496 0.156 (59) 0.0705** [0.0306] 0.0385 [0.0385 [0.038] 0.0321 [0.0241]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post Observations	2002 2006 (9) 0.122** [0.0535] 0.320*** [0.0689] -0.0277 [0.0238] 11882 0.169 (30) 0.109** [0.0503] 0.0563 [0.0837] -0.0144 [0.0390] 1155 0.191 (52) 0.136*** [0.0368] -0.0104 [0.0778] -0.0165 [0.0509] 8923	2003 2007 (10) 0.0556 [0.0398] 0.366*** [0.0468] -0.0437* [0.0249] 11720 0.146 (31) 0.0586** [0.0267] 0.0639 [0.0561] -0.0417 [0.0439] 1298 0.209 (53) 0.0317 [0.0298] 0.0244 [0.0480] -0.0211 [0.0502] 7630	2004 2008 (11) 0.0348 [0.0482] 0.353*** [0.0499] -0.114*** [0.0267] 11770 0.126 (32) 0.0392 [0.0488] 0.0965 [0.0630] -0.109** [0.0384] 1258 0.148 (54) 0.0640 [0.0522] 0.00634 [0.0880] -0.137*** [0.0345] 9181	2005 2009 (12) -0.0619 [0.0629] 0.360*** [0.0761] -0.132*** [0.0274] 11628 0.140 (33) -0.0426 [0.0599] 0.0155 [0.0761] -0.191*** [0.0335] 779 0.163 (55) -0.0355 [0.0601] -0.00459 [0.0603] -0.178** [0.0780] 7707	2006 2010 (13) 0.0607* [0.0345] 0.425*** [0.0636] -0.0581** [0.0214] 11602 0.120 (34) 0.0773* [0.0376] 0.00903 [0.0702] -0.108*** [0.0375] 972 0.146 (56) 0.0918** [0.0346] -0.0284 [0.0903] -0.113*** [0.0362] 10049	2007 2011 (14) -0.0912 (0.496] 0.383*** [0.0886] -0.0426** (0.0183) (1922 0.105 (0.134) (0.0483) (0.0483) (0.0483) (0.0483) (0.0483) (0.0483) (0.0483) (0.0483) (0.0483) (0.0483) (0.0483) (0.0499) (0.0499] 0.0211 [0.0968] -0.0606** [0.0281] 9832	2008 2012 (15) 0.0297 [0.0346] 0.323*** [0.0506] 0.00791 [0.0172] 12268 0.101 (36) 0.0369 [0.0416] 0.0465 [0.0607] 0.00900 [0.0259] 1740 0.019 (58) 0.0373 [0.0406] -0.000696 [0.0731] 0.00176 [0.0191] 10636	2009 2013 (16) 0.0794* [0.0437] 0.203*** [0.0452] 0.0261 [0.0212] 12266 0.117 (37) 0.0724** [0.0273] 0.0932** [0.0394] 0.0493 [0.0308] 1496 0.156 (59) 0.0705** [0.0306] 0.0385 [0.0338] 0.0321 [0.0241] 11672

from	2010	2011	2012	2013	2014
to	2014	2015	2016	2017	2018
DID with Original data	(17)	(18)	(19)	(20)	(21)
GVC × Post	0.0382	0.0552	0.0656***	0.0834***	0.0357
	[0.0402]	[0.0427]	[0.0191]	[0.0245]	[0.0326]
GVC	0.283***	0.266***	0.271***	0.237***	0.266***
	[0.0340]	[0.0456]	[0.0387]	[0.0835]	[0.0606]
Post	-0.0224*	-0.0184	0.0372**	0.0378**	0.0508***
	[0.0122]	[0.0149]	[0.0155]	[0.0155]	[0.0134]
Observations	12506	12902	12906	12956	13054
Adjusted R-squared	0.112	0.109	0.122	0.108	0.106
DID with Caliper Matching	(38)	(39)	(40)	(41)	(42)
GVC × Post	0.0328	0.0674	0.0619**	0.108***	0.0288
	[0.0467]	[0.0510]	[0.0273]	[0.0223]	[0.0397]
GVC	0.0517	0.0486	0.0617	0.0392	0.0139
	[0.0513]	[0.0586]	[0.0471]	[0.0799]	[0.0622]
Post	-0.0188	-0.0312	0.0332	0.00979	0.0542*
	[0.0222]	[0.0276]	[0.0239]	[0.0276]	[0.0281]
Observations	1106	1422	1240	1176	1092
Adjusted R-squared	0.142	0.139	0.169	0.085	0.170
DID with Kernel Matching	(60)	(61)	(62)	(63)	(64)
GVC × Post	0.0565	0.0556	0.0668**	0.0822***	0.0402
	[0.0387]	[0.0416]	[0.0241]	[0.0264]	[0.0304]
GVC	0.0148	0.0126	0.0220	0.0114	0.00199
	[0.0408]	[0.0668]	[0.0400]	[0.0747]	[0.0474]
Post	-0.0426	-0.0192	0.0384*	0.0340	0.0513**
	[0.0295]	[0.0172]	[0.0187]	[0.0219]	[0.0213]
Observations	10512	11278	11819	10589	12002
Adjusted R-squared	0.187	0.172	0.210	0.108	0.204

Appendix Table 6 continued

Appendix Tab	le 7: DID Resul	ts for 5 years
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from	1994	1995	1996	1997	1998	1999	2000	2001
to	1999	2000	2001	2002	2003	2004	2005	2006
DID with Original data	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
GVC × Post	0.0945**	0.0858**	0.00670	0.00520	0.0565	0.0800	0.132***	0.137***
	[0.0376]	[0.0311]	[0.0217]	[0.0406]	[0.0488]	[0.0525]	[0.0341]	[0.0313]
GVC	0.442***	0.354***	0.413***	0.470***	0.399***	0.409***	0.357***	0.278***
	[0.0777]	[0.0499]	[0.0547]	[0.0644]	[0.0621]	[0.0548]	[0.0468]	[0.0543]
Post	0.0668***	0.0411*	-0.0180	0.0119	0.0399*	0.0189	-0.0120	-0.0249
	[0.0200]	[0.0227]	[0.0160]	[0.0195]	[0.0218]	[0.0228]	[0.0213]	[0.0263]
Observations	12536	11812	11516	11296	10824	10782	10616	10886
Adjusted R-squared	0.341	0.311	0.299	0.279	0.242	0.223	0.197	0.180
DID with Caliper Matching	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
GVC × Post	0.0466	0.0786**	0.0255	0.0299	0.0923	0.0454	0.122***	0.131***
	[0.0457]	[0.0278]	[0.0372]	[0.0310]	[0.0782]	[0.0463]	[0.0392]	[0.0256]
GVC	0.0944	0.0376	0.0531	0.0172	0.0248	0.0395	0.0300	0.00953
	[0.0780]	[0.0627]	[0.0840]	[0.0573]	[0.0734]	[0.0494]	[0.0613]	[0.0634]
Post	0.101**	0.0535	-0.0308	-0.0210	0.0122	0.0478	-0.00346	-0.0207
	[0.0457]	[0.0354]	[0.0478]	[0.0324]	[0.0448]	[0.0424]	[0.0434]	[0.0385]
Observations	1190	993	940	906	839	1223	1013	978
Adjusted R-squared	0.397	0.320	0.376	0.414	0.238	0.255	0.215	0.210
DID with Kernel Matching	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)
GVC × Post	0.0655	0.0469	0.0305	0.0209	0.0353	0.0548	0.104***	0.111***
	[0.0446]	[0.0317]	[0.0255]	[0.0354]	[0.0720]	[0.0412]	[0.0338]	[0.0333]
GVC	0.00127	0.0114	0.00432	-0.0108	0.0406	0.0175	-0.0151	0.00306
	[0.0791]	[0.0672]	[0.0845]	[0.0663]	[0.0678]	[0.0498]	[0.0446]	[0.0558]
Post	0.0723*	0.0816**	-0.0332	-0.0141	0.0390	0.0506	0.0121	-0.00641
	[0.0387]	[0.0374]	[0.0347]	[0.0295]	[0.0400]	[0.0411]	[0.0396]	[0.0370]
Observations	9979	9459	8204	8408	8850	8747	6481	7572
Adjusted R-squared	0.547	0.338	0.448	0.510	0.301	0.290	0.211	0.288
from	2002	2003	2004	2005	2006	2007	2008	2009
from to	2002 2007	2003 2008	2004 2009	2005 2010	2006 2011	2007 2012	2008 2013	2009 2014
from to DID with Original data	2002 2007 (9)	2003 2008 (10)	2004 2009 (11)	2005 2010 (12)	2006 2011 (13)	2007 2012 (14)	2008 2013 (15)	2009 2014 (16)
from to DID with Original data GVC × Post	2002 2007 (9) 0.103**	2003 2008 (10) 0.0501	2004 2009 (11) 0.00289	2005 2010 (12) 0.0361	2006 2011 (13) 0.00919	2007 2012 (14) -0.0114	2008 2013 (15) -0.0173	2009 2014 (16) 0.0959**
from to DID with Original data GVC × Post	2002 2007 (9) 0.103** [0.0454]	2003 2008 (10) 0.0501 [0.0686]	2004 2009 (11) 0.00289 [0.0537]	2005 2010 (12) 0.0361 [0.0387]	2006 2011 (13) 0.00919 [0.0536]	2007 2012 (14) -0.0114 [0.0688]	2008 2013 (15) -0.0173 [0.0411]	2009 2014 (16) 0.0959** [0.0346]
from to DID with Original data GVC × Post GVC	2002 2007 (9) 0.103** [0.0454] 0.291***	2003 2008 (10) 0.0501 [0.0686] 0.324***	2004 2009 (11) 0.00289 [0.0537] 0.390***	2005 2010 (12) 0.0361 [0.0387] 0.366***	2006 2011 (13) 0.00919 [0.0536] 0.430***	2007 2012 (14) -0.0114 [0.0688] 0.427***	2008 2013 (15) -0.0173 [0.0411] 0.313***	2009 2014 (16) 0.0959** [0.0346] 0.195***
from to DID with Original data GVC × Post GVC	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589]	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461]	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632]	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946]	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573]	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042]	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548]	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538]
from to DID with Original data GVC × Post GVC Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106***	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134***	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993***	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534**	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568***	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141
from to DID with Original data GVC × Post GVC Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317]	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301]	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292]	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254]	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226]	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200]	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146]	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238]
from to DID with Original data GVC × Post GVC Post Observations	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29)	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30)	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31)	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32)	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33)	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34)	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35)	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109***	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115***
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366]	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611]	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423]	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554]	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587]	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723]	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462]	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804]	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563]	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765]	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719]	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689]	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311]	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546]	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113**	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147***	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719] -0.126**	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514]	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499]	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414]	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719] -0.126** [0.0452]	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300]	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432]	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231]	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256 (49)	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198 (50)	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138 (51)	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210 (52)	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113 (53)	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192 (54)	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084 (55)	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185 (56)
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256 (49) 0.105**	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198 (50) 0.0703	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138 (51) 0.0142	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210 (52) 0.0619	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113 (53) 0.0173	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192 (54) 0.0124	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084 (55) 0.0124	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185 (56) 0.0798***
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256 (49) 0.105** [0.0444]	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198 (50) 0.0703 [0.0496]	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138 (51) 0.0142 [0.0416]	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210 (52) 0.0619 [0.0407]	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113 (53) 0.0173 [0.0531]	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192 (54) 0.0124 [0.0604]	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084 (55) 0.0124 [0.0563]	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185 (56) 0.0798*** [0.0257]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256 (49) 0.105** [0.0444] 0.0572	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198 (50) 0.0703 [0.0496] 0.0121	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138 (51) 0.0142 [0.0416] -0.00557	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210 (52) 0.0619 [0.0407] 0.0210	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113 (53) 0.0173 [0.0531] 0.0103	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192 (54) 0.0124 [0.0604] -0.000554	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084 (55) 0.0124 [0.0563] 0.0246	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185 (56) 0.0798*** [0.0257] 0.0389
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256 (49) 0.105** [0.0444] 0.0572 [0.0531]	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198 (50) 0.0703 [0.0496] 0.0121 [0.0549]	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138 (51) 0.0142 [0.0416] -0.00557 [0.0882]	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210 (52) 0.0619 [0.0407] 0.0210 [0.0676]	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113 (53) 0.0173 [0.0531] 0.0103 [0.0655]	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192 (54) 0.0124 [0.0604] -0.000554 [0.0972]	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084 (55) 0.0124 [0.0563] 0.0246 [0.0467]	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185 (56) 0.0798*** [0.0257] 0.0389 [0.0403]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256 (49) 0.105** [0.0444] 0.0572 [0.0531] -0.0109	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198 (50) 0.0703 [0.0496] 0.0121 [0.0549] -0.129**	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138 (51) 0.0142 [0.0416] -0.00557 [0.0882] -0.156***	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210 (52) 0.0619 [0.0407] 0.0210 [0.0676] -0.156***	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113 (53) 0.0173 [0.0531] 0.0103 [0.0655] -0.0729**	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192 (54) 0.0124 [0.0604] -0.000554 [0.0972] -0.0898*	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084 (55) 0.0124 [0.0563] 0.0246 [0.0467] -0.0202	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185 (56) 0.0798*** [0.0257] 0.0389 [0.0403] 0.0192
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256 (49) 0.105** [0.0444] 0.0572 [0.0531] -0.0109 [0.0483]	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198 (50) 0.0703 [0.0496] 0.0121 [0.0549] -0.129** [0.0480]	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138 (51) 0.0142 [0.0416] -0.00557 [0.0882] -0.156*** [0.0311]	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210 (52) 0.0619 [0.0407] 0.0210 [0.0676] -0.156*** [0.0476]	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113 (53) 0.0173 [0.0531] 0.0173 [0.055] -0.0729** [0.0277]	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192 (54) 0.0124 [0.0604] -0.000554 [0.0972] -0.0898* [0.0508]	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084 (55) 0.0124 [0.0563] 0.0246 [0.0467] -0.0202 [0.0237]	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185 (56) 0.0798*** [0.0257] 0.0389 [0.0403] 0.0192 [0.0262]
from to DID with Original data GVC × Post GVC Post Observations Adjusted R-squared DID with Caliper Matching GVC × Post GVC Post Observations Adjusted R-squared DID with Kernel Matching GVC × Post GVC Post GVC	2002 2007 (9) 0.103** [0.0454] 0.291*** [0.0589] -0.0320 [0.0317] 10712 0.162 (29) 0.109*** [0.0366] 0.0439 [0.0804] -0.0342 [0.0514] 1023 0.256 (49) 0.105** [0.0444] 0.0572 [0.0531] -0.0109 [0.0483] 7573	2003 2008 (10) 0.0501 [0.0686] 0.324*** [0.0461] -0.106*** [0.0301] 10550 0.140 (30) 0.0584 [0.0611] 0.0294 [0.0563] -0.113** [0.0499] 1088 0.198 (50) 0.0703 [0.0496] 0.0121 [0.0549] -0.129** [0.0480] 7090	2004 2009 (11) 0.00289 [0.0537] 0.390*** [0.0632] -0.134*** [0.0292] 10682 0.150 (31) 0.0166 [0.0423] 0.0791 [0.0765] -0.147*** [0.0414] 1064 0.138 (51) 0.0142 [0.0416] -0.00557 [0.0882] -0.156*** [0.0311] 8798	2005 2010 (12) 0.0361 [0.0387] 0.366*** [0.0946] -0.0993*** [0.0254] 10460 0.133 (32) 0.0524 [0.0554] 0.0554] 0.0691 [0.0719] -0.126** [0.0452] 632 0.210 (52) 0.0619 [0.0407] 0.0210 [0.0676] -0.156*** [0.0476] 6611	2006 2011 (13) 0.00919 [0.0536] 0.430*** [0.0573] -0.0534** [0.0226] 10706 0.115 (33) -0.0126 [0.0587] 0.0817 [0.0689] -0.0494 [0.0300] 855 0.113 (53) 0.0173 [0.0531] 0.0173 [0.055] -0.0729** [0.0277] 9029	2007 2012 (14) -0.0114 [0.0688] 0.427*** [0.1042] -0.0568*** [0.0200] 10886 0.108 (34) -0.0367 [0.0723] 0.00733 [0.1311] -0.0279 [0.0432] 733 0.192 (54) 0.0124 [0.0604] -0.000554 [0.0972] -0.0898* [0.0508] 8180	2008 2013 (15) -0.0173 [0.0411] 0.313*** [0.0548] 0.00876 [0.0548] 0.00876 [0.0146] 11238 0.097 (35) 0.00699 [0.0462] 0.0670 [0.0546] -0.0116 [0.0231] 1614 0.084 (55) 0.0124 [0.0563] 0.0246 [0.0467] -0.0202 [0.0237] 9666	2009 2014 (16) 0.0959** [0.0346] 0.195*** [0.0538] 0.0141 [0.0238] 11286 0.117 (36) 0.115*** [0.0299] 0.0360 [0.0427] -0.000222 [0.0308] 1316 0.185 (56) 0.0798*** [0.0257] 0.0389 [0.0403] 0.0192 [0.0262] 10593

II				
from	2010	2011	2012	2013
to	2015	2016	2017	2018
DID with Original data	(17)	(18)	(19)	(20)
GVC × Post	0.0399	0.0633	0.0778**	0.0758**
	[0.0293]	[0.0505]	[0.0325]	[0.0353]
GVC	0.336***	0.281***	0.297***	0.285***
	[0.0385]	[0.0505]	[0.0445]	[0.0888]
Post	-0.0157	0.0269	0.0374*	0.0373**
	[0.0132]	[0.0173]	[0.0181]	[0.0159]
Observations	11582	11978	12064	12076
Adjusted R-squared	0.117	0.123	0.115	0.107
DID with Caliper Matching	(37)	(38)	(39)	(40)
GVC × Post	0.0440	0.0665	0.0806**	0.0840
	[0.0390]	[0.0599]	[0.0323]	[0.0508]
GVC	0.101**	0.0183	0.0707	0.0266
	[0.0395]	[0.0682]	[0.0550]	[0.0843]
Post	-0.0329	0.0159	0.0379	0.0219
	[0.0318]	[0.0246]	[0.0257]	[0.0255]
Observations	870	1190	1107	1092
Adjusted R-squared	0.228	0.166	0.219	0.118
DID with Kernel Matching	(57)	(58)	(59)	(60)
GVC × Post	0.0551	0.0496	0.0975***	0.0590
	[0.0325]	[0.0411]	[0.0334]	[0.0379]
GVC	0.00984	0.0116	0.0104	0.0285
	[0.0452]	[0.0688]	[0.0474]	[0.0896]
Post	-0.0356	0.0369*	0.0206	0.0388*
	[0.0208]	[0.0199]	[0.0229]	[0.0208]
Observations	8879	10322	10752	10157
Adjusted R-squared	0.244	0.194	0.232	0.121

Appendix Table 7 continued



Appendix Figure 1: Matching Results for Table 2 (base year: 2000)

Source: Authors' computation.



Appendix Figure 2: Matching Results for Table 2 (base year: 2012)

Source: Authors' computation.