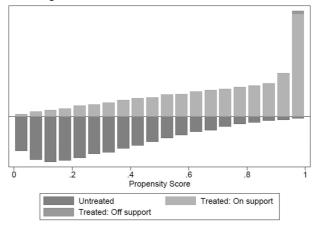
Appendices

Appendix A

Propensity Score Histograms and Balancing Property Tests for the Basic Model

Figure A1

The Propensity Score Histogram on the Differences in the Skill Structure between Importers and Non-importers

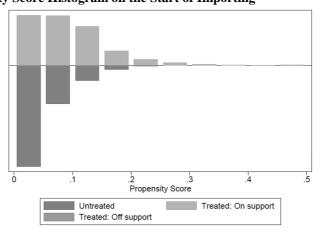


Note: Untreated – relates to firms in the control group (i.e. non-importing firms); Treated – relates to firms in the treatment group (i.e. importing firms).

Source: SORS; authors' calculations.

Figure A2

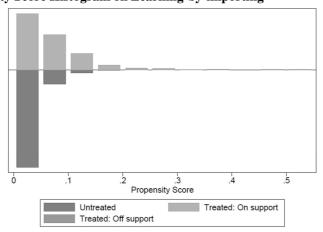
The Propensity Score Histogram on the Start of Importing



Note: Untreated – relates to firms in the control group (i.e. non-importing firms); *Treated* – relates to firms in the treatment group (i.e. importing starters).

Figure A3

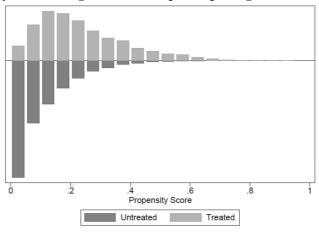
The Propensity Score Histogram on Learning-by-importing



Note: *Untreated* – relates to firms in the control group (i.e. non-importing firms); *Treated* – relates to firms in the treatment group (i.e. importing starters that import also one year after the start of importing). *Source*: SORS; authors' calculations.

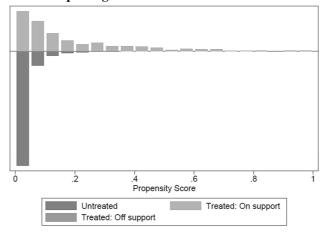
Figure A4

The Propensity Score Histogram on the Stop of Importing



Note: Untreated – relates to firms in the control group (i.e. importing firms); *Treated* – relates to firms in the treatment group (i.e. firms that have stopped importing).

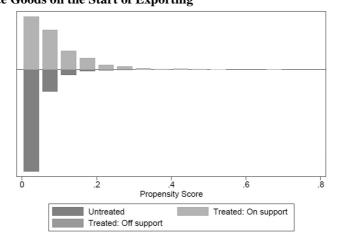
Figure A5
The Propensity Score Histogram on the Effect of the Start of Importing Capital Goods on the Start of Exporting



Note: Untreated – relates to firms in the control group (i.e. non-importing firms); *Treated* – relates to firms in the treatment group (i.e. importing starters of capital goods).

Source: SORS; authors' calculations.

Figure A6
The Propensity Score Histogram on the Effect of the Start of Importing Intermediate Goods on the Start of Exporting



Note: *Untreated* – relates to firms in the control group (i.e. non-importing firms); *Treated* – relates to firms in the treatment group (i.e. importing starters of intermediate goods).

Table Al

Balancing Property Test in the Analysis on the Differences in Skill Structure between Importers and Non-importers

	Unmatched/ Matched	Bias re	Bias reduction		t-test	
		% of bias	% of bias reduction	t	p-value	
Size	Unmatched	117.1		152.91	0.000	
	Matched	5.4	95.4	6.16	0.000	
Lvae	Unmatched	28.0		36.89	0.000	
	Matched	3.4	87.8	4.55	0.000	
Lke	Unmatched	42.5		56.16	0.000	
	Matched	6.0	85.9	8.28	0.000	
Rimsh	Unmatched	6.2		8.19	0.000	
	Matched	4.7	24.4	6.18	0.000	
Foreign	Unmatched	32.1		41.82	0.000	
	Matched	-13.6	57.5	-13.99	0.000	
FDI	Unmatched	45.3		58.52	0.000	
	Matched	3.7	91.7	3.75	0.000	

Note: The explanation of variables: Size – logarithm of the number of employees; Lvae – logarithm of the value added per employee; Lke – logarithm of the capital per employee; Rimsh – regional import share; Foreign – dummy variable for foreign ownership; FDI – dummy variable for foreign direct investments. Matching method – one nearest neighbour matching with replacement, common caliper: 0.05. Firms in the control group: non-importing firms, firms in the treatment group: importing firms. For brevity, the estimates for industry and year dummies are excluded.

Source: SORS; authors' calculations.

Table A2

Balancing Property Test in the Analysis of the Skill-structure Difference before the Start of Importing

	Unmatched/ Matched	Bias reduction		t-test	
		% of bias	% of bias reduction	t	p-value
Size_1	Unmatched	22.0		9.10	0.000
	Matched	0.6	97.2	0.17	0.866
Lvae_1	Unmatched	-9.8		-3.94	0.000
	Matched	-0.9	90.9	-0.26	0.796
Lke_1	Unmatched	2.7		1.03	0.305
	Matched	-1.9	31.8	-0.54	0.589
Rimsh_1	Unmatched	4.8		1.98	0.048
	Matched	-1.1	76.4	-0.30	0.765
Foreign_1	Unmatched	15.1		7.05	0.000
0 -	Matched	-2.4	84.1	-0.58	0.559
FDI_1	Unmatched	1.9		0.81	0.420
	Matched	-4.7	-145.8	-1.09	0.274

Note: The explanation of variables: Size_1 – logarithm of the number of employees; Lvae_1 – logarithm of the value added per employee; Lke_1 – logarithm of the capital per employee; Rimsh_1 – regional import share; Foreign_1 – dummy variable for foreign ownership; FDI_1 – dummy variable for foreign direct investments. All variables are lagged for one period. Matching method – one nearest neighbour matching with replacement, common caliper: 0.05. Firms in the control group: non-importing firms, firms in the treatment group: importing starters. For brevity, the estimates for industry and year dummies are excluded.

 $T\ a\ b\ l\ e\ A3$ Balancing Property Test in the Analysis of the Skill-structure Change after the Start of Importing

	Unmatched/ Matched	Bias re	Bias reduction		t-test	
		% of bias	% of bias reduction	t	p-value	
Size_1	Unmatched	31.4		9.78	0.000	
_	Matched	1.5	95.2	0.30	0.767	
Lvae_1	Unmatched	-12.3		-3.81	0.000	
	Matched	-1.6	86.9	-0.33	0.745	
Lke_1	Unmatched	1.1		0.31	0.760	
	Matched	1.0	7.4	0.22	0.828	
Rimsh_1	Unmatched	9.9		3.04	0.002	
	Matched	-3.1	68.5	-0.59	0.558	
Foreign_1	Unmatched	21.5		7.99	0.000	
	Matched	-3.7	82.7	-0.63	0.527	
FDI_1	Unmatched	4.6		1.58	0.115	
	Matched	-1.6	65.0	-0.28	0.781	

Note: The explanation of variables: Size_1 – logarithm of the number of employees; Lvae_1 – logarithm of the value added per employee; Lke_1 – logarithm of the capital per employee; Rimsh_1 – regional import share; Foreign_1 – dummy variable for foreign ownership; FDI_1 – dummy variable for foreign direct investments. All variables are lagged for one period. Matching method – one nearest neighbour matching with replacement, common caliper: 0.05. Firms in the control group: non-importing firms, firms in the treatment group: importing starters that import also one year after the start of importing. For brevity, the estimates for industry and year dummies are excluded.

Source: SORS; authors' calculations.

Table A4

Balancing Property Test in the Analysis of the Skill-structure Change after the Stop of Importing

	Unmatched/ Matched	Bias reduction		t-test	
		% of bias	% of bias reduction	t	p-value
Size_1	Unmatched Matched	-88.0 2.1	97.6	-42.53 1.05	0.000 0.293
Lvae_1	Unmatched Matched	-13.6 1.5	88.9	-7.43 0.56	0.000 0.577
Lke_1	Unmatched Matched	-16.6 3.7	77.7	-9.35 1.42	0.000 0.157
Rimsh_1	Unmatched Matched	-1.9 0.8	59.1	-1.03 0.33	0.301 0.739
Foreign_1	Unmatched Matched	-29.3 0.1	99.6	-13.82 0.06	0.000 0.953
FDI_1	Unmatched Matched	-41.9 0.4	99.1	-18.17 0.31	0.000 0.757

Note: The explanation of variables: $Size_I$ – logarithm of the number of employees; $Lvae_I$ – logarithm of the value added per employee; Lke_I – logarithm of the capital per employee; $Rimsh_I$ – regional import share; $Foreign_I$ – dummy variable for foreign ownership; FDI_I – dummy variable for foreign direct investments. All variables are lagged for one period. Matching method – one nearest neighbour matching with replacement, common caliper: 0.05. Firms in the control group: importing firms, firms in the treatment group: firms that have been importing in the current year but have stopped importing in the next years. For brevity, the estimates for industry and year dummies are excluded.

Table A5

Balancing Property Test in the Analysis on the Effect of the Start of Importing Capital Goods on the Start of Exporting

	Unmatched/ Matched	Bias reduction		t-test		
		% of bias	% of bias reduction	t	p-value	
Size_1	Unmatched Matched	110.3 7.0	93.7	38.43 1.27	0.000 0.203	
Lvae_1	Unmatched Matched	17.9 -5.0	71.9	4.95 -1.01	0.000 0.311	
Lke_1	Unmatched Matched	29.1 4.5	84.4	7.91 0.94	0.000 0.349	
Rimsh_1	Unmatched Matched	5.7 4.5	21.6	1.67 0.87	0.095 0.384	
Foreign_1	Unmatched Matched	31.3 -10.0	68.2	12.75 -1.56	0.000 0.119	
FDI_1	Unmatched Matched	32.1 -21.4	33.2	21.66 -2.85	0.000 0.004	

Note: The explanation of variables: Size_1 – logarithm of the number of employees; Lvae_1 – logarithm of the value added per employee; Lke_1 – logarithm of the capital per employee; Rimsh_1 – regional import share; Foreign_1 – dummy variable for foreign ownership; FDI_1 – dummy variable for foreign direct investments. All variables are lagged for one period. Matching method – one nearest neighbour matching with replacement, common caliper: 0.05. Firms in the control group: non-importing firms, firms in the treatment group: importing starters of capital goods that import also one year after the start of importing. For brevity, the estimates for industry and year dummies are excluded.

Source: SORS; authors' calculations.

T a b l e A6

Balancing Property Test in the Analysis on the Effect of the Start of Importing Intermediate Goods on the Start of Exporting

	Unmatched/ Matched	Bias reduction		t-test	
		% of bias	% of bias reduction	t	p-value
Size_1	Unmatched Matched	60.1 0.2	99.7	20.27 0.04	0.000 0.972
Lvae_1	Unmatched Matched	9.7 -4.7	52.0	2.87 -1.03	0.004 0.304
Lke_1	Unmatched Matched	22.3 -0.1	99.4	6.27 -0.03	0.000 0.976
Rimsh_1	Unmatched Matched	6.3 1.8	71.9	1.98 0.37	0.048 0.713
Foreign_1	Unmatched Matched	18.4 -7.3	60.1	6.84 -1.26	0.000 0.209
FDI_1	Unmatched Matched	12.5 -9.2	26.6	5.75 -1.35	0.000 0.178

Note: The explanation of variables: $Size_I$ – logarithm of the number of employees; $Lvae_I$ – logarithm of the value added per employee; Lke_I – logarithm of the capital per employee; $Rimsh_I$ – regional import share; $Foreign_I$ – dummy variable for foreign ownership; FDI_I – dummy variable for foreign direct investments. All variables are lagged for one period. Matching method – one nearest neighbour matching with replacement, common caliper: 0.05. Firms in the control group: non-importing firms, firms in the treatment group: importing starters of intermediate goods that import also one year after the start of importing. For brevity, the estimates for industry and year dummies are excluded.

Appendix B

Results on Matching Functions (probit estimations)

Table B1

Probit Estimations for the Basic Model

	H1
Size	0.492***
	[108]
Lvae	0.301***
	[34.1]
Lke	0.134***
	[33.1]
Rimsh	-0.315***
	[-3.61]
Foreign	0.618***
	[23.8]
FDI	0.605***
	[11.7]
Constant	-4.821***
	[-55.8]
Observations	69,392
Log-likelihood	-32,459
Pseudo R ²	0.324

Notes: Each column name presents the name of a hypothesis: HI – Hypothesis 1 (treatment group: importing firms, control group: non-importing firms). The explanation of explanatory variables: Size – logarithm of the number of employees; Lvae – logarithm of the value added per employee; Lke – logarithm of the capital per employee; Rimsh – regional import share; Foreign – dummy variable for foreign ownership; FDI – dummy variable for foreign direct investments. For brevity, the estimates for industry and year dummies are excluded. * p < 0.1; *** p < 0.05; **** p < 0.01, z statistics in brackets.

Source: SORS; authors' calculations.

Table B2 **Probit Estimations for the Basic Model**

	H2	Н3	H4	Н5	Н6
Size 1	0.102***	0.136***	-0.305***	0.413***	0.246***
	[9.20]	[9.91]	[-37.1]	[33.0]	[20.8]
Lvae_1	0.092***	0.090***	-0.244***	0.282***	0.168***
	[4.70]	[3.68]	[-14.50]	[10.10]	[7.11]
Lke_1	0.026***	0.028**	-0.020**	0.089***	0.071***
	[2.89]	[2.47]	[-2.41]	[7.66]	[6.93]
Rimsh_1	0.281	0.408*	0.058	0.036	0.121
	[1.55]	[1.84]	[0.37]	[0.16]	[0.58]
Foreign_1	0.478***	0.544***	-0.418***	0.556***	0.421***
	[8.02]	[7.81]	[-9.45]	[8.73]	[6.58]
FDI_1	-0.106	-0.095	-0.286***	0.389***	0.107
	[-0.57]	[-0.44]	[-4.40]	[3.37]	[0.73]
Constant	-3.358***	-4.042***	2.634***	-6.237***	-4.524***
	[-16.8]	[-15.8]	[14.7]	[-22.2]	[-19.0]
Observations	30,155	29,399	28,748	29,690	29,754
Log-likelihood	-5,767	-3,453	-8,808	-3,749	-4,491
Pseudo R ²	0.081	0.103	0.166	0.225	0.110

Notes: Each column name presents the name of a hypothesis: H2 – Hypothesis 2 (treatment group: importing starters, control group: non-importing firms); H3 – Hypothesis 3 (treatment group: importing starters that import also one year after the start of importing, control group: non-importing firms); H4 – Hypothesis 4 (treatment group: firms that have been importing in the current year but have stopped importing in the next years, control group: importing firms); H5 – Hypothesis 5 (treatment group: importing starters of capital goods that import these goods also one year after the start of importing, control group: non-importing firms); H6 – Hypothesis 6 (treatment group: importing starters of intermediate goods that import these goods also one year after the start of importing, control group: non-importing firms). The explanation of explanatory variables: $Size_1I$ – logarithm of the number of employees; $Lvae_1I$ – logarithm of the value added per employee; Lke_1I – logarithm of the capital per employee; $Rimsh_1I$ – regional import share; $Foreign_1I$ – dummy variable for foreign ownership; FDI_1I – dummy variable for foreign direct investments. All variables are lagged for one period. For brevity, the estimates for industry and year dummies are excluded. * p < 0.1; ** p < 0.05; *** p < 0.01, z statistics in brackets.

Table B3

Probit Estimations for Model Extensions

	H2
Size_2	0.039***
	[2.71]
Lvae_2	0.120***
	[4.65]
Lke_2	0.009
	[0.77]
Rimsh_2	0.265
	[1.20]
Foreign_2	0.351***
	[4.45]
FDI_2	0.077
	[0.37]
Constant	-3.441***
	[-13.2]
Observations	25,264
Log-likelihood	-3,585
Pseudo R ²	0.068

pothesis: H2 – Hypothesis 2 (treatment group: importing starters, control group: non-importing firms). The explanation of explanatory variables: $Size_2 - loga$ -rithm of the number of employees; $Lvae_2 - loga$ -rithm of the value added per employee; $Lke_2 - loga$ -rithm of the capital per employee; $Rimsh_2 - regio$ -nal import share; $Foreign_2 - dummy$ variable for foreign ownership; $FDI_2 - dummy$ variable for foreign direct investments. All variables are lagged for two periods. For brevity, the estimates for industry and year dummies are excluded. * p < 0.1; ** p < 0.05; *** p < 0.01, z statistics in brackets.

Notes: Each column name presents the name of a hy-

Source: SORS; authors' calculations.

Table B4 **Probit Estimations for Model Extensions**

	Н3
Size_1	0.158***
	[10.10]
Lvae_1	0.102***
	[3.55]
Lke_1	0.019
	[1.46]
Rimsh_1	0.489*
	[1.94]
Foreign_1	0.471***
	[5.73]
FDI_1	-0.115
	[-0.47]
Constant	-4.313***
	[-14.4]
Observations	29,116
Log-likelihood	-2,481
Pseudo R ²	0.112

Notes: Each column name presents the name of a hypothesis: H3 – Hypothesis 3 (treatment group: importing starters that import also two years after the start of importing, control group: non-importing firms). In order to be able to compare apples to apples in the model extensions for the Hypotheses 5 and 6, i.e. keeping the comparable scope of observations in the basic model and model extensions, the treatment in the latter was the same as in the basic model. Consequently, also estimation of the propensity scores remains unvaried in the model extensions for these two hypotheses. The explanation of explanatory variables: Size_1 - logarithm of the number of employees; Lvae_1 – logarithm of the value added per employee; Lke_1 - logarithm of the capital per employee; Rimsh_1 - regional import share; Foreign_1 - dummy variable for foreign ownership; FDI_1 - dummy variable for foreign direct investments. All variables are lagged for one period. For brevity, the estimates for industry and year dummies are excluded. * p < 0.1; ** p < 0.05; *** p < 0.01, z statistics in brackets.

Appendix C

Additional Robustness Checks of Matching Results

Table C1

Results of Testing Hypothesis 1 (the direction of the relationship between importing and a better skill structure of firms)

Outcome of interest: skill share						
Matching method ATT se Treated Control						
NN (1), caliper: 0.1	0.268***	0.034	35,910	33,289		
NN (5), caliper: 0.1	0.252***	0.030	35,910	33,289		
Radius, caliper: 0.1	0.392***	0.019	35,910	33,289		
Kernel, bandwidth: 0.01	0.263***	0.030	35,910	33,289		

Note: ATT – average treatment effect on the treated; se – bootstrapped standard errors (100 repetitions); Treated – firms in the treatment group (i.e. importing firms); Control – firms in the control group (i.e. non-importing firms). NN(I) denotes one nearest neighbour matching with replacement; NN(5) denotes five nearest neighbours matching with replacement. * p < 0.1; ** p < 0.05; *** p < 0.01.

Source: SORS; authors' calculations.

Table C2

Results of Testing Hypothesis 2 (whether firms with a better skill structure start importing)

Outcome of interest: skill share one year before the start of importing						
Matching method ATT se Treated Control						
NN (1), caliper: 0.1	0.205***	0.063	1,604	28,549		
NN (5), caliper: 0.1	0.145***	0.054	1,604	28,549		
Radius, caliper: 0.1	0.111***	0.042	1,604	28,549		
Kernel, bandwidth: 0.01	0.095**	0.045	1,604	28,549		

Note: Treated – firms in the treatment group (i.e. importing starters). The rest of the note is the same as note under Table C1.

Source: SORS; authors' calculations.

Table C3

Results of Testing Hypothesis 3 (whether importing firms adjust their skill share after the start of importing)

Outcome of interest: skill share one year after the start of importing					
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.1	0.433***	0.088	805	23,640	
NN (5), caliper: 0.1	0.356***	0.063	805	23,640	
Radius, caliper: 0.1	0.370***	0.052	805	23,640	
Kernel, bandwidth: 0.01	0.321***	0.060	805	23,640	
Outcome of inter	est: change in the sk	ill share one year a	fter the start of impo	orting	
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.1	0.090**	0.042	843	27,765	
NN (5), caliper: 0.1	0.034	0.032	843	27,765	
Radius, caliper: 0.1	0.030	0.027	843	27,765	
Kernel, bandwidth: 0.01	0.035	0.028	843	27,765	

Note: Treated – firms in the treatment group (i.e. importing starters that import also one year after the start of importing). The rest of the note is the same as note under Table C1.

 ${\it Source} \hbox{: SORS; authors' calculations.}$

Table C4 Results of Testing Hypothesis 4 (whether firms adjust their skill structure after they stop importing)

Outcome of interest: skill share after the stop of importing						
Matching method	Matching method ATT se Treated Control					
NN (1), caliper: 0.1	-0.217***	0.049	3,371	25,227		
NN (5), caliper: 0.1	-0.280***	0.039	3,371	25,227		
Radius, caliper: 0.1	-0.347***	0.030	3,371	25,227		
Kernel, bandwidth: 0.01	-0.289***	0.031	3,370	25,227		
· · · · · · · · · · · · · · · · · · ·	f interest: change in	the skill share after	· · · · · · · · · · · · · · · · · · ·	g		
Matching method	ATT	se	Treated	Control		
NN (1), caliper: 0.1	-0.067***	0.024	3,360	25,214		
NN (5), caliper: 0.1	-0.053***	0.020	3,360	25,214		
Radius, caliper: 0.1	-0.059***	0.015	3,360	25,214		
Kernel, bandwidth: 0.01	-0.058***	0.016	3,359	25,214		

Note: Treated – firms in the treatment group (i.e. firms that have been importing in the current year but have stopped importing in the next years); *Control* – firms in the control group (i.e. importing firms). The rest of the note is the same as note under Table C1.

Source: SORS; authors' calculations.

Table C5
Results of Testing Hypotheses 5 and 6 (whether importing capital or intermediate goods increases the probability of starting to export)

Outcome of interest: start of exporting one year after the start of importing capital goods					
Matching method	ATT se Treated Control				
NN (1), caliper: 0.1	0.000	0.006	819	24,038	
NN (5), caliper: 0.1	0.001	0.005	819	24,038	
Radius, caliper: 0.1	0.004	0.004	819	24,038	
Kernel, bandwidth: 0.01	0.002	0.004	796	24,038	
Outcome of interest: sta	art of exporting one	year after the start	of importing interme	ediate goods	
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.1	0.010*	0.006	905	24,038	
NN (5), caliper: 0.1	0.006	0.005	905	24,038	
Radius, caliper: 0.1	0.012***	0.004	905	24,038	
Kernel, bandwidth: 0.01	0.009**	0.004	901	24,038	

Note: *Treated* – firms in the treatment group (i.e. importing starters of capital or intermediate goods that import these goods also one year after the start of importing). The rest of the note is the same as note under Table C1. *Source*: SORS; authors' calculations.

Table C6 Robustness Checks of Testing Hypothesis 2 (whether firms with a better skill structure start importing)

Outcome of interest: skill share two years before the start of importing					
Matching method ATT se Treated Control					
NN (1), caliper: 0.1	-0.067	0.102	888	24,376	
NN (5), caliper: 0.1	-0.018	0.070	888	24,376	
Radius, caliper: 0.1	0.018	0.051	888	24,376	
Kernel, bandwidth: 0.01	0.026	0.052	888	24,376	

Note: Treated – firms in the treatment group (i.e. importing starters). The rest of the note is the same as note under Table C1.

Table C7 Robustness Checks of Testing Hypothesis 3 (whether importing firms adjust their skill share after the start of importing)

Outcome of interest: skill share two years after the start of importing					
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.1	0.281	0.184	224	16,400	
NN (5), caliper: 0.1	0.273**	0.125	224	16,400	
Radius, caliper: 0.1	0.404***	0.108	224	16,400	
Kernel, bandwidth: 0.01	0.358***	0.108	224	16,400	
Outcome of interes	st: change in the ski	ll share two years	after the start of imp	orting	
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.1	0.218***	0.084	252	23,545	
NN (5), caliper: 0.1	0.143*	0.077	252	23,545	
Radius, caliper: 0.1	0.139**	0.070	252	23,545	
Kernel, bandwidth: 0.01	0.137*	0.071	252	23,545	

Note: Treated – firms in the treatment group (i.e. importing starters that import also two years after the start of importing). The rest of the note is the same as note under Table C1.

Source: SORS; authors' calculations.

T a b 1 e C8

Robustness Checks of Testing Hypotheses 5 and 6 (whether importing capital or intermediate goods increases the probability of starting to export)

Outcome of interest: start of exporting two years after the start of importing capital goods				
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.1	0.011*	0.006	723	19,984
NN (5), caliper: 0.1	0.011*	0.006	723	19,984
Radius, caliper: 0.1	0.011**	0.005	723	19,984
Kernel, bandwidth: 0.01	0.010*	0.006	705	19,984
Outcome of interest: star	rt of exporting two ye	ears after the start	t of importing interm	ediate goods
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.1	-0.008*	0.004	795	19,984
NN (5), caliper: 0.1	-0.006*	0.003	795	19,984
Radius, caliper: 0.1	-0.003	0.002	795	19,984
Kernel, bandwidth: 0.01	-0.005**	0.002	790	19,984

Note: *Treated* – firms in the treatment group (i.e. importing starters of capital or intermediate goods that import these goods also one year after the start of importing). The rest of the note is the same as note under Table C1. *Source*: SORS; authors' calculations.

Appendix D

Results of the Basic Models for the Two Subperiods, before and after Slovenia's Accession to the EU

T a b l e D1 Results of Testing Hypothesis 1 (the direction of the relationship between importing and a better skill structure of firms), period: 1996-2003

Outcome of interest: skill share						
Matching method ATT se Treated Control						
NN (1), caliper: 0.05	0.234***	0.041	20,365	13,587		
NN (5), caliper: 0.05	0.234***	0.035	20,365	13,587		
Radius, caliper: 0.05	0.302***	0.034	20,365	13,587		
Kernel, bandwidth: 0.06	0.295***	0.035	20,365	13,587		

Note: ATT – average treatment effect on the treated; se – bootstrapped standard errors (100 repetitions); Treated – firms in the treatment group (i.e. importing firms); Control – firms in the control group (i.e. non-importing firms). NN (1) denotes one nearest neighbour matching with replacement; NN (5) denotes five nearest neighbours matching with replacement. * p < 0.1; ** p < 0.05; *** p < 0.01.

Source: SORS; authors' calculations.

T a b l e D2 Results of Testing Hypothesis 2 (whether firms with a better skill structure start importing), period: 1996-2003

Outcome of interest: skill share one year before the start of importing					
Matching method ATT se Treated Control					
NN (1), caliper: 0.05	0.073	0.084	1,089	10,484	
NN (5), caliper: 0.05	0.131**	0.052	1,089	10,484	
Radius, caliper: 0.05	0.113**	0.051	1,089	10,484	
Kernel, bandwidth: 0.06	0.112**	0.051	1,089	10,484	

Note: Treated – firms in the treatment group (i.e. importing starters). The rest of the note is the same as note under Table D1.

Source: SORS; authors' calculations.

T a b l e D3 Results of Testing Hypothesis 3 (whether importing firms adjust their skill share after the start of importing), period: 1996 - 2003

Outcome of interest: skill share one year after the start of importing					
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.05	0.235**	0.117	444	7,933	
NN (5), caliper: 0.05	0.281***	0.090	444	7,933	
Radius, caliper: 0.05	0.291***	0.079	444	7,933	
Kernel, bandwidth: 0.06	0.288***	0.079	444	7,933	
Outcome of intere	est: change in the sk	ill share one year a	ifter the start of impo	orting	
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.05	0.002	0.046	507	10,170	
NN (5), caliper: 0.05	0.006	0.036	507	10,170	
Radius, caliper: 0.05	0.006	0.031	507	10,170	
Kernel, bandwidth: 0.06	0.006	0.031	507	10,170	

Note: Treated – firms in the treatment group (i.e. importing starters that import also one year after the start of importing). The rest of the note is the same as note under Table D1.

Table D4 Results of Testing Hypothesis 4 (whether firms adjust their skill structure after they stop importing), period: 1996 – 2003

Outcome of interest: skill share after the stop of importing					
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.05	-0.271***	0.077	1,222	12,419	
NN (5), caliper: 0.05	-0.259***	0.063	1,222	12,419	
Radius, caliper: 0.05	-0.304***	0.053	1,222	12,419	
Kernel, bandwidth: 0.06	-0.300***	0.053	1,222	12,419	
Outcome of	interest: change in	the skill share after	the stop of importin	g	
Matching method	ATT	se	Treated	Control	
NN (1), caliper: 0.05	-0.077**	0.037	1,218	12,409	
NN (5), caliper: 0.05	-0.054**	0.027	1,218	12,409	
Radius, caliper: 0.05	-0.040*	0.024	1,218	12,409	
Kernel, bandwidth: 0.06	-0.040*	0.024	1,218	12,409	

Note: Treated – firms in the treatment group (i.e. firms that have been importing in the current year but have stopped importing in the next years); *Control* – firms in the control group (i.e. importing firms). The rest of the note is the same as note under Table D1.

Source: SORS; authors' calculations.

T a b l e D5 Results of Testing Hypotheses 5 and 6 (whether importing capital or intermediate goods increases the probability of starting to export), period: 1996-2003

Outcome of interest: start of exporting one year after the start of importing capital goods				
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	0.015	0.010	412	8,066
NN (5), caliper: 0.05	0.006	0.010	412	8,066
Radius, caliper: 0.05	0.010	0.008	412	8,066
Kernel, bandwidth: 0.06	0.010	0.008	412	8,066
Outcome of interest: sta	ert of exporting one y	ear after the start	of importing interme	diate goods
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	0.017	0.010	475	8,066
NN (5), caliper: 0.05	0.019**	0.008	475	8,066
Radius, caliper: 0.05	0.019**	0.008	475	8,066
Kernel, bandwidth: 0.06	0.019**	0.008	475	8,066

Note: *Treated* – firms in the treatment group (i.e. importing starters of capital or intermediate goods that import these goods also one year after the start of importing). The rest of the note is the same as note under Table D1. *Source*: SORS; authors' calculations.

T a b $1\,\mathrm{e}$ D6 Results of Testing Hypothesis 1 (the direction of the relationship between importing and a better skill structure of firms), period: 2004-2010

Outcome of interest: skill share					
Matching method ATT se Treated Control					
NN (1), caliper: 0.05	0.259***	0.032	14,685	19,702	
NN (5), caliper: 0.05	0.263***	0.036	14,685	19,702	
Radius, caliper: 0.05	0.351***	0.031	14,685	19,702	
Kernel, bandwidth: 0.06	0.337***	0.032	14,685	19,702	

Note: The same as note under Table D1. *Source*: SORS; authors' calculations.

T a b l e D7 Results of Testing Hypothesis 2 (whether firms with a better skill structure start importing), period: 2004-2010

Outcome of interest: skill share one year before the start of importing				
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	0.249**	0.118	514	18,065
NN (5), caliper: 0.05	0.152	0.103	514	18,065
Radius, caliper: 0.05	0.153*	0.080	514	18,065
Kernel, bandwidth: 0.06	0.155*	0.080	514	18,065

Note: Treated – firms in the treatment group (i.e. importing starters). The rest of the note is the same as note under Table D1.

Source: SORS; authors' calculations.

T a b l e D8 Results of Testing Hypothesis 3 (whether importing firms adjust their skill share after the start of importing), period: 2004-2010

Outcome o	of interest: skill shar	e one year after the	start of importing	
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	0.667***	0.159	225	14,153
NN (5), caliper: 0.05	0.536***	0.114	225	14,153
Radius, caliper: 0.05	0.473***	0.097	225	14,153
Kernel, bandwidth: 0.06	0.474***	0.097	225	14,153
Outcome of intere	est: change in the sk	ill share one year a	fter the start of impo	orting
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	0.068	0.065	215	15,720
NN (5), caliper: 0.05	0.040	0.059	215	15,720
Radius, caliper: 0.05	0.030	0.042	215	15,720
Kernel, bandwidth: 0.06	0.030	0.042	215	15,720

Note: Treated – firms in the treatment group (i.e. importing starters that import also one year after the start of importing). The rest of the note is the same as note under Table D1.

Source: SORS; authors' calculations.

T a b l e D9 Results of Testing Hypothesis 4 (whether firms adjust their skill structure after they stop importing), period: 2004-2010

Outcome of interest: skill share after the stop of importing				
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	-0.370***	0.071	1,760	10,621
NN (5), caliper: 0.05	-0.350***	0.060	1,760	10,621
Radius, caliper: 0.05	-0.342***	0.051	1,760	10,621
Kernel, bandwidth: 0.06	-0.341***	0.050	1,760	10,621
Outcome of	finterest: change in	the skill share after	the stop of importin	g
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	-0.054	0.036	1,118	8,913
NN (5), caliper: 0.05	-0.052*	0.032	1,118	8,913
Radius, caliper: 0.05	-0.058**	0.026	1,118	8,913
Kernel, bandwidth: 0.06	-0.058**	0.026	1,118	8,913

Note: *Treated* – firms in the treatment group (i.e. firms that have been importing in the current year but have stopped importing in the next years); *Control* – firms in the control group (i.e. importing firms). The rest of the note is the same as note under Table D1.

T a b l e $\,$ D10 $\,$ Results of Testing Hypotheses 5 and 6 (whether importing capital or intermediate goods increases the probability of starting to export), period: 2004 - 2010 $\,$

Outcome of interest: s	tart of exporting of	ne year after the sta	art of importing capi	tal goods
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	0.006	0.007	338	14,360
NN (5), caliper: 0.05	0.006	0.006	338	14,360
Radius, caliper: 0.05	0.003	0.006	338	14,360
Kernel, bandwidth: 0.06	0.003	0.006	338	14,360
Outcome of interest: star	t of exporting one	year after the start	of importing interme	ediate goods
Matching method	ATT	se	Treated	Control
NN (1), caliper: 0.05	0.003	0.006	351	14,360
NN (5), caliper: 0.05	0.002	0.004	351	14,360
Radius, caliper: 0.05	0.002	0.004	351	14,360
Kernel, bandwidth: 0.06	0.002	0.004	351	14,360

Note: Treated – firms in the treatment group (i.e. importing starters of capital or intermediate goods that import these goods also one year after the start of importing). The rest of the note is the same as note under Table D1.