

Appendix A Supplementary information

A.1 Robustness checks

A.1.1 Alternative criteria to assess effects heterogeneity driven by networks' composition

We performed several checks to corroborate our findings on the heterogeneity in dynamic treatment effects driven by network agreements' composition.

Concerning the benefits arising from connecting to larger partners, we replicated the analysis by imposing a threshold equal to 0.1 (a maximum of one over ten missing values allowed) as the maximum share of missing observations allowed to identify micro-enterprises in a network agreement not involving any medium-sized/large firm. We found that firms engaged with at least one larger enterprise experience higher impacts on revenues. In the third and sixth years of exposure to the treatment, the gap across subgroups shows a slight increase. Similarly, treatment effects on value added are more marked when connecting to larger firms. Concerning EBITDA, the estimates confirm our main findings. Moreover, network impacts for firms that do not connect with any larger enterprise are scarcely significant.

As a further check, we repeated the analysis including in the set of firms without any medium-sized or big partners only those belonging to networks where all participants display employee data (no missing values). We observe stronger positive effects on the revenues of firms networking with at least one larger partner. Concerning potential gains on the side of value added and EBITDA we cannot provide any meaningful comparison since we observe statistically significant pre-treatment coefficients when estimating causal effects elicited by networks not involving medium/large enterprises, suggesting the presence of non-parallel pre-trends.

Concerning the spatial proximity of network partners assessed according to the functional geography of TTWAs (travel-to-work areas), we repeated dynamic impact estimates on two subsamples including units in network agreements with more than 70% and less than 50% of participants in the same TTWA. Results confirm that causal impacts on value added and EBITDA are higher when a greater proportion of network members are located in the same travel-to-work area. Causal impacts on revenues from networks involving less than 50% of members from the same TTWA are not reliable though, since the coefficient associated to period -3 is significantly different from zero, suggesting the existence of non-parallel pre-trends, thus, we cannot provide any meaningful comparison.

The aforementioned results are available upon request.

A.2 Tables and figures

Table A1: Established network agreements (Net. Agr.) and participants joining a network agreement by year

	Net. Agr. established by year			Participants joining a Net. Agr. by year		
	Without legal status	With legal status	Total	Without legal status	With legal status	Total
2010	25	0	25	136	0	136
2011	218	5	223	1,001	97	1,098
2012	409	23	432	2,118	113	2,231
2013	637	70	707	2,999	614	3,613
2014	417	112	529	2,500	805	3,305
2015	32	12	44	251	65	316
Total	1,738	222	1,960	9,005	1,694	10,699

Note: Statistics on network agreements at March 2015 (source: own elaboration on Unioncamere data). The number of network agreements established by year and the number of participants joining a contract by year are displayed distinguishing between network agreements with and without legal status. Figures in columns 4 and 5 include all network participants regardless of their legal nature: not only individual entrepreneurs and companies are taken into account but also diverse partners like non-profit associations or universities, whenever present.

Table A2: Treated and untreated units' distribution by industries

	Treated		Untreated	
	Frequency	Perc.	Frequency	Perc.
25 - Manufacture of fabricated metal products (except machinery and equipment)	305	9.57	28,462	4.94
62 - Computer programming, consultancy and related activities	262	8.22	20,612	3.58
43 - Specialised construction activities	229	7.19	47,233	8.20
28 - Manufacture of machinery and equipment n.e.c.	223	7.00	14,373	2.49
46 - Wholesale trade (except of motor vehicles and motorcycles)	216	6.78	98,635	17.12
70 - Activities of head offices; management consultancy activities	199	6.24	31,787	5.52
41 - Construction of buildings	159	4.99	87,873	15.25
10 - Manufacture of food products	154	4.83	12,634	2.19
71 - Architectural and engineering activities; technical testing and analysis	140	4.39	12,864	2.23
82 - Office administrative, office support and other business support activities	108	3.39	21,370	3.71
27 - Manufacture of electrical equipment	85	2.67	4,987	0.87
26 - Manufacture of computer, electronic and optical products	83	2.60	4,227	0.73
22 - Manufacture of rubber and plastic products	76	2.38	5,970	1.04
15 - Manufacture of leather and related products	73	2.29	5,250	0.91
31 - Manufacture of furniture	66	2.07	5,525	0.96
47 - Retail trade (except of motor vehicles and motorcycles)	64	2.01	74,225	12.88
86 - Human health activities	63	1.98	11,802	2.05
13 - Manufacture of textiles	61	1.91	4,617	0.80
Other industries	621	19.46	83,831	14.55
Total	3,187	100	576,277	100

Note: Pre-matching statistics.

Table A3: Correlation matrix

	(1)	(2)	(3)	(4)	VIF
(1) Revenues ¹	1.000				1.11
(2) Group size	0.031*	1.000			1.00
(3) Age	0.301*	0.008*	1.000		1.10
(4) Independence	-0.056*	-0.008*	0.034*	1.000	1.01

Note: Pre-matching statistics. Mean VIF equal to 1.05. Statistics obtained on a total of 3,166,298 firm-year observations.

Industry and regional dummies are omitted.

¹ Expressed in natural logarithm.

* $p < 0.05$

Table A4: Probit model on treatment status: full sample estimates

	(1) Cohort 2011	(2) Cohort 2012	(3) Cohort 2013	(4) Cohort 2014
Revenues one year before T (ln)	0.170*** (0.013)	0.149*** (0.009)	0.150*** (0.008)	0.134*** (0.009)
Group size	-0.001** (0.000)	-0.001 (0.001)	-0.001*** (0.000)	-0.000 (0.000)
Age	0.010** (0.005)	0.000 (0.003)	-0.002 (0.002)	-0.002 (0.002)
Age squared	-0.000** (0.000)	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)
Independence	0.067 (0.050)	-0.025 (0.039)	-0.095*** (0.037)	-0.106** (0.046)
Constant	-4.749*** (0.297)	-3.643*** (0.107)	-3.808*** (0.102)	-3.565*** (0.101)
Observations	258,843	280,197	298,223	318,583
Pseudo R^2	0.126	0.087	0.083	0.066
Industry dummies	Yes	Yes	Yes	Yes
Regional (NUTS1) dummies	Yes	Yes	Yes	Yes

Note: Robust standard errors in parentheses.

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

Table A5: Matching statistics for cohorts 2011 and 2012

		Unmatched/ Matched	Mean		t-test	
			Treated	Controls	t	p-value
<i>First treated in 2011</i>						
Revenues in 2010 (ln)	U		7.712	6.338	14.59	0.000
	M		7.712	7.742	-0.26	0.795
Group size	U		6.871	10.698	-0.24	0.812
	M		6.871	5.026	1.02	0.307
Age	U		28.154	23.976	6.06	0.000
	M		28.154	28.411	-0.28	0.781
Age squared	U		948.850	740.940	3.95	0.000
	M		948.850	949.590	-0.01	0.990
Independence	U		0.151	0.131	1.12	0.261
	M		0.151	0.143	0.32	0.749
Industry dummies	U		27.474	28.420	-1.58	0.114
	M		27.474	27.734	-0.26	0.793
Region (NUTS1) dummies	U		2.943	3.140	-2.67	0.008
	M		2.943	2.957	-0.14	0.893
<i>First treated in 2012</i>						
Revenues in 2011 (ln)	U		7.540	6.320	19.03	0.000
	M		7.540	7.552	-0.14	0.890
Group size	U		5.315	10.344	-0.48	0.631
	M		5.315	5.854	-0.28	0.779
Age	U		27.174	23.087	8.73	0.000
	M		27.174	27.156	0.02	0.981
Age squared	U		950.260	700.920	7.15	0.000
	M		950.260	966.530	-0.26	0.792
Independence	U		0.114	0.128	-1.12	0.261
	M		0.114	0.124	-0.55	0.582
Industry dummies	U		25.442	28.424	-7.36	0.000
	M		25.442	25.611	-0.27	0.790
Region (NUTS1) dummies	U		2.997	3.142	-2.89	0.004
	M		2.997	3.104	-1.58	0.114

Table A6: Matching statistics for cohorts 2013 and 2014

		Unmatched/ Matched	Mean		t-test	
			Treated	Controls	t	p-value
<i>First treated in 2013</i>						
Revenues in 2012 (ln)	U		7.265	6.222	18.95	0.000
	M		7.265	7.249	0.22	0.827
Group size	U		5.441	10.366	-0.54	0.593
	M		5.441	5.871	-0.33	0.739
Age	U		23.720	22.204	3.77	0.000
	M		23.720	23.966	-0.44	0.663
Age squared	U		728.080	662.820	2.24	0.025
	M		728.080	744.560	-0.42	0.673
Independence	U		0.092	0.124	-3.18	0.001
	M		0.092	0.106	-1.09	0.275
Industry dummies	U		27.002	28.514	-4.37	0.000
	M		27.002	27.106	-0.19	0.853
Region (NUTS1) dummies	U		3.372	3.145	5.31	0.000
	M		3.372	3.350	0.37	0.711
<i>First treated in 2014</i>						
Revenus in 2013 (ln)	U		7.114	6.139	13.49	0.000
	M		7.114	7.135	-0.22	0.826
Group size	U		9.077	10.209	-0.1	0.924
	M		9.077	7.651	0.47	0.638
Age	U		23.492	21.229	4.29	0.000
	M		23.492	23.881	-0.48	0.635
Age squared	U		755.050	622.970	3.55	0.000
	M		755.050	783.230	-0.46	0.644
Independence	U		0.084	0.119	-2.75	0.006
	M		0.084	0.077	0.42	0.677
Industry dummies	U		27.186	28.635	-3.22	0.001
	M		27.186	27.281	-0.12	0.903
Region (NUTS1) dummies	U		3.039	3.145	-1.9	0.058
	M		3.039	3.108	-0.81	0.417

Table A7: Event Study Analysis: full sample

	(1) Revenues (ln)	(2) Value Added (ln)	(3) EBITDA (ln)
-3 y before T	-0.016 (0.022)	-0.013 (0.021)	0.003 (0.028)
-2 y before T	0.004 (0.014)	-0.002 (0.015)	0.000 (0.020)
0 y in T	0.079*** (0.011)	0.068*** (0.013)	0.041** (0.017)
1 y in T	0.114*** (0.016)	0.097*** (0.017)	0.068*** (0.021)
2 y in T	0.131*** (0.020)	0.104*** (0.019)	0.092*** (0.024)
3 y in T	0.154*** (0.022)	0.135*** (0.022)	0.125*** (0.026)
4 y in T	0.155*** (0.025)	0.143*** (0.024)	0.127*** (0.028)
5 y in T	0.155*** (0.029)	0.146*** (0.029)	0.139*** (0.032)
6 y in T	0.168*** (0.038)	0.172*** (0.037)	0.156*** (0.043)
7 y in T	0.060 (0.068)	0.051 (0.064)	-0.015 (0.075)
Observations	47913	46108	42891
R^2	0.895	0.896	0.843
Root MSE	0.573	0.559	0.688
Firm-specific FE	Yes	Yes	Yes
Year FE	Yes	Yes	Yes

Note: Robust standard errors clustered by firm ID in parentheses.

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

Table A8: Event Study Analysis: dynamic effects by network objectives

	Networks aimed at increasing market shares and entering new markets			Networks declaring other objectives		
	(1) Revenues (ln)	(2) Value Added (ln)	(3) EBITDA (ln)	(4) Revenues (ln)	(5) Value Added (ln)	(6) EBITDA (ln)
-3 y before T	0.011 (0.052)	0.008 (0.051)	0.087 (0.062)	-0.022 (0.024)	-0.020 (0.023)	0.002 (0.031)
-2 y before T	-0.012 (0.031)	-0.023 (0.034)	-0.031 (0.047)	0.007 (0.016)	-0.000 (0.016)	0.011 (0.022)
0 y in T	0.068*** (0.026)	0.044 (0.029)	0.010 (0.039)	0.084*** (0.013)	0.080*** (0.014)	0.053*** (0.019)
1 y in T	0.122*** (0.034)	0.072* (0.042)	0.037 (0.051)	0.119*** (0.018)	0.114*** (0.019)	0.080*** (0.024)
2 y in T	0.157*** (0.043)	0.097** (0.048)	0.090 (0.058)	0.128*** (0.022)	0.115*** (0.022)	0.092*** (0.027)
3 y in T	0.210*** (0.052)	0.130** (0.056)	0.123** (0.062)	0.143*** (0.025)	0.138*** (0.024)	0.109*** (0.029)
4 y in T	0.218*** (0.060)	0.149** (0.061)	0.158** (0.068)	0.139*** (0.028)	0.138*** (0.027)	0.099*** (0.031)
5 y in T	0.236*** (0.070)	0.154** (0.069)	0.189** (0.074)	0.132*** (0.032)	0.139*** (0.032)	0.117*** (0.036)
6 y in T	0.179* (0.098)	0.226** (0.098)	0.295*** (0.097)	0.158*** (0.042)	0.158*** (0.041)	0.114** (0.048)
7 y in T	0.184 (0.189)	0.217 (0.191)	0.140 (0.176)	0.009 (0.073)	0.004 (0.068)	-0.050 (0.083)
Observations	8219	7917	7380	39593	38182	35573
R ²	0.896	0.893	0.847	0.891	0.891	0.838
Root MSE	0.574	0.572	0.676	0.583	0.569	0.692
Firm-specific FE	Yes	Yes	Yes	Yes	Yes	Yes
Year FE	Yes	Yes	Yes	Yes	Yes	Yes

Note: Robust standard errors clustered by firm ID in parentheses.

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

Table A9: Event Study Analysis: dynamic effects by firm size

	Less than ten employees one year before treatment: micro firms			Ten or more employees one year before treatment: small, medium-sized and large firms		
	(1) Revenues (ln)	(2) Value Added (ln)	(3) EBITDA (ln)	(4) Revenues (ln)	(5) Value Added (ln)	(6) EBITDA (ln)
-3 y before T	-0.068 (0.044)	-0.023 (0.041)	-0.034 (0.049)	-0.012 (0.021)	-0.031 (0.021)	-0.008 (0.033)
-2 y before T	-0.021 (0.029)	-0.019 (0.030)	-0.030 (0.035)	0.008 (0.013)	-0.003 (0.014)	0.005 (0.023)
0 y in T	0.105*** (0.022)	0.121*** (0.025)	0.041 (0.030)	0.060*** (0.012)	0.033** (0.013)	0.060*** (0.022)
1 y in T	0.146*** (0.030)	0.172*** (0.032)	0.098*** (0.037)	0.095*** (0.018)	0.055*** (0.018)	0.074*** (0.027)
2 y in T	0.156*** (0.036)	0.176*** (0.037)	0.105** (0.042)	0.106*** (0.023)	0.070*** (0.022)	0.110*** (0.031)
3 y in T	0.163*** (0.040)	0.240*** (0.041)	0.148*** (0.045)	0.132*** (0.026)	0.074*** (0.025)	0.122*** (0.032)
4 y in T	0.157*** (0.043)	0.242*** (0.046)	0.135*** (0.049)	0.127*** (0.030)	0.076*** (0.027)	0.124*** (0.034)
5 y in T	0.171*** (0.051)	0.249*** (0.054)	0.164*** (0.057)	0.104*** (0.035)	0.070** (0.033)	0.115*** (0.041)
6 y in T	0.250*** (0.068)	0.343*** (0.069)	0.224*** (0.076)	0.084* (0.048)	0.057 (0.044)	0.129** (0.053)
7 y in T	-0.052 (0.129)	0.031 (0.122)	0.009 (0.121)	0.078 (0.084)	0.047 (0.071)	0.015 (0.099)
Observations	20048	19163	17749	26077	25057	23575
R ²	0.851	0.838	0.780	0.858	0.860	0.805
Root MSE	0.661	0.686	0.766	0.512	0.482	0.642
Firm-specific FE	Yes	Yes	Yes	Yes	Yes	Yes
Year FE	Yes	Yes	Yes	Yes	Yes	Yes

Note: Robust standard errors clustered by firm ID in parentheses.

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

Table A10: Event Study Analysis: partners' size combination

	Micro firms with at least one medium-sized or large partner			Micro firms with no medium-sized or large partner		
	(1) Revenues (ln)	(2) Value Added (ln)	(3) EBITDA (ln)	(4) Revenues (ln)	(5) Value Added (ln)	(6) EBITDA (ln)
-3 y before T	-0.003 (0.082)	-0.018 (0.075)	0.023 (0.108)	-0.073 (0.059)	-0.069 (0.059)	-0.036 (0.065)
-2 y before T	-0.000 (0.058)	0.038 (0.057)	0.093 (0.073)	-0.004 (0.036)	-0.032 (0.040)	-0.043 (0.046)
0 y in T	0.205*** (0.041)	0.168*** (0.046)	0.124** (0.057)	0.080*** (0.030)	0.137*** (0.034)	0.022 (0.040)
1 y in T	0.242*** (0.058)	0.250*** (0.061)	0.258*** (0.075)	0.117*** (0.040)	0.181*** (0.043)	0.085* (0.048)
2 y in T	0.274*** (0.069)	0.280*** (0.073)	0.326*** (0.085)	0.154*** (0.045)	0.192*** (0.048)	0.109** (0.054)
3 y in T	0.283*** (0.081)	0.336*** (0.082)	0.326*** (0.092)	0.149*** (0.051)	0.228*** (0.053)	0.146** (0.057)
4 y in T	0.319*** (0.083)	0.313*** (0.089)	0.249** (0.098)	0.112** (0.056)	0.218*** (0.060)	0.099 (0.065)
5 y in T	0.231** (0.111)	0.291*** (0.103)	0.250** (0.113)	0.173*** (0.065)	0.199*** (0.073)	0.088 (0.075)
6 y in T	0.371*** (0.129)	0.353*** (0.120)	0.215 (0.140)	0.262*** (0.085)	0.325*** (0.093)	0.130 (0.102)
7 y in T	0.189 (0.227)	-0.055 (0.242)	0.036 (0.240)	-0.068 (0.184)	0.104 (0.152)	-0.132 (0.155)
Observations	4872	4654	4285	11572	11052	10208
R ²	0.862	0.840	0.790	0.849	0.839	0.781
Root MSE	0.655	0.664	0.745	0.644	0.675	0.763
Firm-specific FE	Yes	Yes	Yes	Yes	Yes	Yes
Year FE	Yes	Yes	Yes	Yes	Yes	Yes

Note: Robust standard errors clustered by firm ID in parentheses.

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

Table A11: Event Study Analysis: geographical concentration in a travel-to-work area

	At least 60% of members in the same TTWA			Less than 60% of members in the same TTWA		
	(1) Revenues (ln)	(2) Value Added (ln)	(3) EBITDA (ln)	(4) Revenues (ln)	(5) Value Added (ln)	(6) EBITDA (ln)
-3 y before T	-0.001 (0.031)	-0.006 (0.029)	-0.024 (0.038)	-0.040 (0.031)	-0.046 (0.032)	0.010 (0.041)
-2 y before T	0.017 (0.021)	-0.004 (0.021)	0.003 (0.027)	-0.014 (0.019)	-0.016 (0.020)	-0.017 (0.029)
0 y in T	0.108*** (0.017)	0.085*** (0.020)	0.062** (0.025)	0.049*** (0.015)	0.052*** (0.016)	0.034 (0.025)
1 y in T	0.134*** (0.023)	0.095*** (0.025)	0.057* (0.031)	0.088*** (0.021)	0.088*** (0.022)	0.094*** (0.030)
2 y in T	0.142*** (0.028)	0.100*** (0.028)	0.099*** (0.034)	0.092*** (0.027)	0.088*** (0.028)	0.110*** (0.035)
3 y in T	0.130*** (0.032)	0.138*** (0.030)	0.144*** (0.036)	0.140*** (0.031)	0.100*** (0.032)	0.114*** (0.038)
4 y in T	0.138*** (0.034)	0.142*** (0.034)	0.142*** (0.040)	0.125*** (0.035)	0.089** (0.035)	0.108*** (0.040)
5 y in T	0.126*** (0.041)	0.143*** (0.041)	0.146*** (0.046)	0.134*** (0.041)	0.069* (0.041)	0.126*** (0.046)
6 y in T	0.170*** (0.057)	0.219*** (0.055)	0.249*** (0.063)	0.116** (0.053)	0.040 (0.050)	0.072 (0.059)
7 y in T	-0.033 (0.104)	0.004 (0.091)	0.078 (0.100)	0.096 (0.092)	0.001 (0.091)	-0.099 (0.113)
Observations	24720	23773	22291	22474	21707	20139
R^2	0.889	0.888	0.834	0.899	0.899	0.840
Root MSE	0.585	0.572	0.699	0.562	0.545	0.683
Firm-specific FE	Yes	Yes	Yes	Yes	Yes	Yes
Year FE	Yes	Yes	Yes	Yes	Yes	Yes

Note: Robust standard errors clustered by firm ID in parentheses.

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

Table A12: Event Study Analysis: geographical concentration in a travel-to-work area

	More than 80% of members in the same TTWA			Less than 40% of members in the same TTWA		
	(1) Revenues (ln)	(2) Value Added (ln)	(3) EBITDA (ln)	(4) Revenues (ln)	(5) Value Added (ln)	(6) EBITDA (ln)
-3 y before T	-0.021 (0.044)	-0.014 (0.040)	-0.013 (0.053)	-0.063 (0.042)	-0.038 (0.043)	0.045 (0.060)
-2 y before T	0.031 (0.027)	-0.005 (0.030)	-0.024 (0.040)	0.007 (0.023)	0.006 (0.024)	0.026 (0.038)
0 y in T	0.107*** (0.023)	0.109*** (0.027)	0.042 (0.036)	0.013 (0.021)	0.028 (0.022)	-0.041 (0.033)
1 y in T	0.139*** (0.032)	0.101*** (0.038)	0.040 (0.044)	0.051* (0.031)	0.074** (0.031)	-0.003 (0.040)
2 y in T	0.130*** (0.040)	0.097** (0.041)	0.085* (0.049)	0.007 (0.040)	0.069* (0.039)	0.058 (0.047)
3 y in T	0.156*** (0.045)	0.144*** (0.045)	0.143*** (0.051)	0.074* (0.042)	0.067 (0.046)	0.054 (0.055)
4 y in T	0.183*** (0.051)	0.155*** (0.052)	0.124** (0.057)	0.029 (0.050)	0.078 (0.049)	0.053 (0.057)
5 y in T	0.161*** (0.058)	0.130** (0.060)	0.167*** (0.064)	0.012 (0.057)	0.009 (0.059)	0.036 (0.065)
6 y in T	0.242*** (0.073)	0.259*** (0.078)	0.291*** (0.089)	0.031 (0.080)	-0.018 (0.076)	-0.073 (0.085)
7 y in T	-0.008 (0.134)	0.006 (0.136)	0.046 (0.134)	-0.019 (0.166)	-0.022 (0.147)	-0.226 (0.165)
Observations	12173	11687	10919	11123	10748	9909
R ²	0.893	0.887	0.839	0.904	0.900	0.852
Root MSE	0.584	0.579	0.688	0.550	0.544	0.669
Firm-specific FE	Yes	Yes	Yes	Yes	Yes	Yes
Year FE	Yes	Yes	Yes	Yes	Yes	Yes

Note: Robust standard errors clustered by firm ID in parentheses.

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

Table A13: Two-way fixed effects estimates on the full matched sample

	(1)	(2)	(3)
	Revenues (ln)	Value Added (ln)	EBITDA (ln)
-3 y before T	-0.048** (0.020)	-0.032 (0.020)	-0.003 (0.025)
-2 y before T	-0.013 (0.014)	-0.014 (0.015)	-0.007 (0.019)
0 y in T	0.090*** (0.012)	0.079*** (0.013)	0.051*** (0.017)
1 y in T	0.123*** (0.016)	0.110*** (0.016)	0.078*** (0.021)
2 y in T	0.136*** (0.019)	0.116*** (0.019)	0.103*** (0.024)
3 y in T	0.157*** (0.022)	0.143*** (0.021)	0.134*** (0.025)
4 y in T	0.155*** (0.024)	0.145*** (0.024)	0.132*** (0.028)
5 y in T	0.158*** (0.028)	0.151*** (0.028)	0.152*** (0.031)
6 y in T	0.195*** (0.036)	0.191*** (0.034)	0.171*** (0.039)
7 y in T	0.164*** (0.054)	0.133** (0.053)	0.058 (0.066)
Observations	47913	46108	42891
R ²	0.895	0.896	0.843
Root MSE	0.573	0.559	0.688
Firm-specific FE	Yes	Yes	Yes
Year FE	Yes	Yes	Yes

Note: Robust standard errors clustered by firm ID in parentheses. Estimates for the constant term are not displayed.

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