THE GREAT DIVERGENCE(S)

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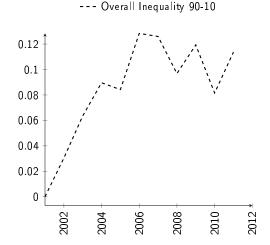
Section 1

MOTIVATION

INCREASING DIVERGENCE(S)

- Economies have observed increasing divergence(s):
 - In earnings amongst workers;
 - Amongst business: between high and low performing firms (OECD, 2015).
- Rising earnings inequality largely driven by an increase in the wage differentials between firms:
 - US (Dunne et al., 2004; Barth et al., 2014; Song et al., 2015; Haltiwanger and Spletzer, 2017);
 - Brazil (Helpman, Itskhoki, Muendler, et al., 2017);
 - Denmark (Bagger et al., 2013);
 - Germany (Baumgarten, 2013; Card, Heining, et al., 2013; Goldschmidt and Schmieder, 2015);
 - Italy (Card, Devicienti, et al., 2014);
 - Portugal (Card, Cardoso, et al., 2016);
 - Sweden (Håkanson et al., 2015);
 - UK (Faggio et al., 2010).

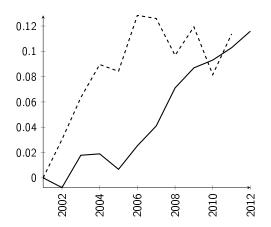
THE "GREAT DIVERGENCE" OF WAGES



Year dummy estimates of a regression of between-firm log-wage dispersion (90th to 10th percentiles ratio) within country-sector pairs. Within country for overall inequality in earnings.

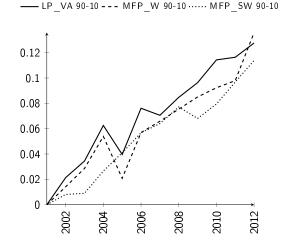
THE "GREAT DIVERGENCE" OF WAGES





Year dummy estimates of a regression of between-firm log-wage dispersion (90th to 10th percentiles ratio) within country-sector pairs. Within country for overall inequality in earnings.

THE "GREAT DIVERGENCE" IN PRODUCTIVITY



Year dummy estimates of a regressions of log-productivity dispersion (90th to 10th percentiles ratio of log-productivity) within country-sector pairs.

THE QUESTIONS

- Are these trends intertwined?
- Is increasing earnings inequality linked to growing productivity dispersion among firms?
- > The objective: build a picture across countries and over time of
 - ► Wage dispersion ↑
 - ► Productivity dispersion ↑
 - The link between the two
- ▶ Role of structural factors (i.e. globalisation, digitalisation)?
- ▶ Role of policies (min. wage, EPL, union, coordinated wage setting)?
- The task requires data representative for the entire distribution of firms: MultiProd project, 21 countries so far and more to come.

The Framework

Several reasons why wages would be higher in more productive firms:

- Rent-sharing from:
 - Asymmetric information
 - Wage bargaining
- Sorting and assortative matching
- Why? Usual suspects:
 - Technology (skilled-biased, complementarities)
 - Trade (selection)
 - Winner-takes-all dynamics
 - Institution and framework conditions

$\mathsf{Section}\ 2$

DATA

DATA: THE OECD MULTIPROD PROJECT

- Harmonized Stata routine sent to NSOs with access to confidential (administrative) firm-level longitudinal data
- Characteristics of firms (average, std. dev., percentiles), e.g.:
 - Productivity (Lab. Prod. & MFP)
 - Wage bill
 - Size (employees, output)
- Wage-productivity correlations
- In addition: aggregate productivity, concentration and granularity, misallocation and allocative efficiency, etc...

Coverage:

- 21 countries (and expanding): 16 countries in this paper.
- Data at the 2-digit sector level, further refined by: i) productivity quantiles (e.g. frontier); ii) firm size; iii) firm age; iv) ownership.
- Whole economy. In this paper focus on Manufacturing and Non-financial Market Services.

DATA: THE OECD MULTIPROD PROJECT (2)

This paper: focus on cross-sectional analysis over time.

Longitudinal data also allows to compute & collect:

- Firm-level growth rates for size, productivity, etc.;
- Entry and exit, job creation/destruction;
- Dynamic decomposition of OP-gap (Melitz and Polanec, 2015);
- Decomposition of aggregate MFP growth (Petrin and Levinsohn, 2012);
- Distributed regressions.

REPRESENTATIVENESS (1)

Country	Years	Firms	Employees
Australia	2002-2012	68,499	761,602
Austria	2008-2012	255,701	2,258,626
Belgium	2003-2011	102,574	1,804,465
Canada	2000-2012	509,460	8,058,557
Chile	2005-2012	339,492	5,273,453
Denmark	2000-2012	80,030	1,281,035
Finland	1995-2012	85,038	981,772
France	1995-2012	812,850	11,453,356
Hungary	1998-2012	191,064	1,786,685
Italy	2001-2012	312,057	1,893,156
Japan	1994-2011	25,786	10,552,236
Luxemburg	2003-2012	1,136	105,252
Netherlands	2000-2012	39,375	332,449
Norway	1995-2012	63,593	890,001
New Zealand	2000-2011	90,973	992,208
Sweden	2002-2012	176,652	1,889,764

REPRESENTATIVENESS (2) • Eurostat

- Typically have whole population of firms
- For countries with partial data (production survey)
 - Reweight using Business Register population weights (if available)
 - Compute nb of firms by year / 4- (or 3-) digit industry / 7 size classes (with thresholds at 5, 10, 20, 50, 100 and 250)
- This is done variable by variable, to limit systematic variation on some variables (important for growth rates)
- Reweighting cannot correct for zero coverage: e.g. at present data for Japan does not cover firm below 50 employees

REPRESENTATIVENESS (3) • Back

MultiProd data vs Eurostat:

	Share of firms (%)	Share of employment (%)
Austria	69	92
Belgium	70	97
Denmark	100	115
Finland	100	100
France	100	107
Hungary	92	99
ltaly	11	52
Netherlands	5	44
Norway	71	89
Sweden	96	87

MEASURES OF PRODUCTIVITY

- LP_VA: Labour Productivity (VA per worker)
- ▶ MFP_W: Wooldridge (2009) GMM estimation of MFP:
 - Production function estimation
 - Extension of Levinsohn and Petrin (2003)
 - Use lagged inputs as instruments for the change in variable inputs

(For robustness:)

 MFP_SW: Solow-type residual, using sector-specific factor shares (median across countries)

Section 3

THE "GREAT DIVERGENCE" OF WAGES

INCREASE IN WAGE DISPERSION

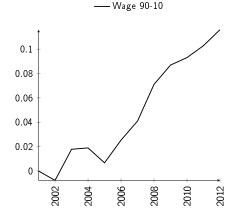
We look at evolution of dispersion within 2-digit sectors by estimating:

$$\left(\log\frac{W_{90}}{W_{10}}\right)_{cjt} = \alpha + \beta_t \mathbf{y}_t + \mathbf{z}_{cj} + \varepsilon_{cjt}$$

Rationale: most of the variance comes from within sectors •

RESULTS:

- Estimated β_t are increasing over time
- "Great Divergence" of wages
- Heterogeneity across countries



WAGE DISPERSION COMES MOSTLY FROM THE BOTTOM OF THE WAGE DISTRIBUTION

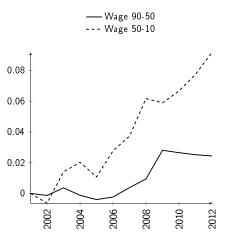
Compare year fixed effects for divergence at

- top (90-50 wage ratio)
- bottom (50-10 wage ratio)

of wage distribution.

RESULT

 Divergence more pronounced for the bottom half of the wage distribution



Section 4

THE "GREAT DIVERGENCE" OF PRODUCTIVITY

INCREASE IN PRODUCTIVITY DISPERSION

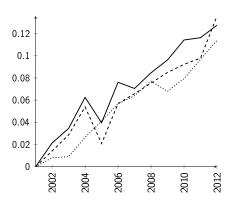
Look at productivity dispersion within 2-digit sectors by estimating:

$$\left(\log\frac{P_{\rm 90}}{P_{\rm 10}}\right)_{cjt} = \alpha + \beta_t \mathbf{y}_t + \mathbf{z}_{cj} + \varepsilon_{cjt}$$

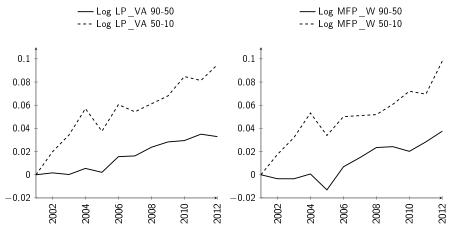
RESULTS:

- Estimated β_t are increasing over time, for all three measures of productivity
- "Great Divergence" of productivity
- Heterogeneity across countries

__ LP_VA 90-10 - - - MFP_W 90-10 MFP_SW 90-10



PRODUCTIVITY DIVERGENCE MORE MARKED AT THE BOTTOM OF THE DISTRIBUTION



Year fixed-effects of a regression of log-LP_VA and log-MFP_W dispersion, within country-sector pairs.

Section 5

THE LINK BETWEEN WAGE AND PRODUCTIVITY DIVERGENCES

THE LINK BETWEEN PRODUCTIVITY DIVERGENCE AND WAGE DIVERGENCE

Econometric approach to establish the link between wage dispersion (WD) and productivity dispersion (PD):

$$WD_{cjt} = lpha + eta \cdot PD_{cjt} \ \ (+\gamma \cdot \mathsf{Controls}_{cjt}) + \mathbf{y}_t + \mathbf{z}_{cj} + arepsilon_{cjt}$$

- Year fixed effects y_t and country-sector fixed effects z_{cj}
- Captures the variation over time of wage and productivity dispersions within narrow country-sector pairs
- Can control for changes in workforce skill composition

Coefficient β captures correlation between the two divergences.

	(1) log Wage (90-10)	(2) log Wage (90-10)	(3) log Wage (90-10)
log LP (90-10)	0.358*** (0.069)		
log MFP_W (90-10)		0.224** (0.058)	
log MFP_SW (90-10)			0.047* (0.040)
N	3739	3624	3712
Adj. R-Square	0.987	0.986	0.986
Year FE	YES	YES	YES
Country-sector FE	YES	YES	YES
Nb Sectors	22	22	22
Nb Countries	14	14	14

Standardised beta coefficients; Errors are clustered at the country-sector level: * p < 0.1, ** p < 0.05, *** p < 0.01Countries: AUS, AUT, BEL, CHL, DNK, FIN, FRA, HUN, ITA, JPN, NLD, NOR, NZL, SWE.

Section 6

THE DRIVERS OF THE "GREAT DIVERGENCE(S)"

STRUCTURAL FACTORS

Is the link between wage dispersion and productivity dispersion is strenghten by certain structural factors? And globalisation and digitalisation in particular? (or better their proxies...)

$$WD_{cjt} = \alpha + \beta \cdot (PD_{cjt} \times F_{cjt}) + \gamma \cdot PD_{cjt} + \delta \cdot F_{cjt} + \mathbf{y}_t + \mathbf{z}_{cj} + \varepsilon_{cjt}$$

where *F* stands for:

- Import levels, Export levels, or Openness to Trade (OECD STAN)
- Share of ICT (OECD Nat. Acc.)
- Share of high-skilled workers (WIOD)

Coefficient β on interaction term captures extent to which these factors strengthen/weaken relationship between productivity dispersion and wage dispersion.

DIVERGENCE(S) AND STRUCTURAL FACTORS (MFP)

DEPENDENT VAR.: WAGE 90-10 RATIO

	(1)	(2)	(3)	(4)	(5)	(6)
Log MFP_W (90-10)	0.802*** (0.132)	0.795*** (0.125)	0.810*** (0.128)	0.351** (0.143)	0.171* (0.100)	0.664*** (0.147)
Log Import (goods)	0.073 (0.061)					
Log MFP_W (90-10) \times Log Import (goods)	0.290*** (0.053)					
Log Export (goods)		0.191** (0.078)				
Log MFP_W (90-10) \times Log Export (goods)		0.402*** (0.071)				
Log Openness			0.149** (0.070)			0.092* (0.048)
Log MFP_W (90-10) \times Log Openness			0.355*** (0.059)			0.215*** (0.052)
Sh. of ICT in fixed assets				0.1 39** (0.063)		0.074 (0.057)
Log MFP_W (90-10) \times Sh. of ICT in fixed assets				0.028 (0.091)		0.048 (0.097)
Sh. high-skilled (in total hours)					-0.057 (0.049)	
Log MFP_W (90-10) \times Sh. high-skilled (in total hours)					0.042 (0.060)	
N	1779	1779	1779	1917	2190	1051
Adj. R-Square	0.919	0.922	0.921	0.962	0.969	0.946
Country-sector year FE	YES 12	YES 12	YES 12	YES 8	YES 11	YES 8
Num. Countries	12	12	12	0	11	ö

THE ROLE OF POLICIES

We examine how policies affect wage dispersion and its link with productivity dispersion.

$$WD_{cjt} = lpha + eta \cdot (PD_{cjt} imes G_{ct}) + \gamma \cdot PD_{cjt} + \delta \cdot G_{ct} + \mathbf{y}_t + \mathbf{z}_{cj} + \varepsilon_{cjt}$$

where G stands for:

- Minimum wage (OECD)
- Employment Protection Legislation (OECD)
- Trade union density (OECD and ICTWSS)
- Coordination in wage setting (ICTWSS)

	(1)	(2)	(3)	(4)	(5)
Log MFP_W (90-10)	0.075* (0.043)	0.063 (0.041)	0.437** (0.173)	0.370*** (0.121)	0.285** (0.121)
Real Min Wage (hour)	-0.369*** (0.077)				
Log MFP_W (90-10) $ imes$ Real Min Wage (hour)	0.054* (0.028)				
Relative Min Wage (wrt av)		-0.124*** (0.038)			
Log MFP_W (90-10) \times Relative Min Wage (wrt av)		0.059*** (0.020)			
EPL (indiv. and coll.)			- 0.091** (0.036)		
Log MFP_W (90-10) \times EPL (indiv. and coll.)			-0.152 (0.107)		
Trade union density				-0.361*** (0.062)	
Log MFP_W (90-10) $ imes$ Trade union density				0.016 (0.085)	
Wage Setting					-0.103*** (0.021)
Log MFP_W (90-10) $ imes$ Wage Setting					-0.132*** (0.050)
N	1804	1804	3456	34 56	3456
Adj. R-Square	0.970	0.967	0.966	0.968	0.966
Country-sector year FE	YES	YES	YES	YES	YES
Num. Countries	7	7	13	13	13

THE GREAT DIVERGENCE(S) AND POLICY (MFP) Quantiles

Clustered standard errors at the country-sector level in parentheses: * p < 0.1, ** p < 0.05, *** p < 0.01

Section 7

CONCLUSIONS AND NEXT STEPS

CONCLUSIONS

- 1. Increase in between-firm wage dispersion, stronger at the bottom, and at the top only since 2005 for services.
- 2. Increase in productivity (LP and MFP) dispersion, driven by increase at the bottom, at the top since 2005.
- 3. Wage dispersion is linked to productivity dispersion within country-sector over time.
- 4. Increased globalisation and digitalisation associated with wage divergence, and stronger productivity-wage dispersion link.
- Increases in minimum wages, unionization, EPL, wage coordination are linked with lower wage inequality.
 - Minimum wage strengthens link between productivity and wage dispersions.
 - Unionization and centralized wage bargaining weakens the link, but less so in sectors more exposed to import competition.

NEXT STEPS

The main directions to extend the work could include:

- 1. Theoretical framework to better discipline the empirical exercise (e.g., Helpman, Itskhoki, and Redding, 2010). Structurally estimate using moments from the data?
- 2. Data and empirics:
 - ▶ New additional countries (e.g. Indonesia, Portugal);
 - Improve our measures of structural factors for both globalisation and digitalisation;
 - Adding additional dimensions at the firm level (e.g.: age, size, skill/occupation);
 - Matched employer-employee data.
- 3. Policy: Extend the set of policies analysed, e.g., product market regulation (entry and barriers to trade and investment), policies that affect the top of the distribution (the tax treatment of stock options, deferred compensation).

THANK YOU!

All comments and questions are welcome

Section 8

Appendix

Between-firm versus overall earnings inequality: Comparing MultiProd data with aggregate OECD earnings data

OVERALL VS BETWEEN-FIRM INEQUALITY

CORRELATION CROSS-COUNTRY AND OVER TIME

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Agriculture, Forestry and Fishing [A]	0.051*** (0.014)						
Mining and quarrying [B]		0.045*** (0.005)					
Manufacturing [C]			0.055*** (0.008)				
Electricity, gas, water, and waste [D-E]				0.055*** (0.011)			
Construction [F]					0.065*** (0.010)		
Non-Financial Market Services [G-N]						0.045*** (0.007)	
Non Market Services [O-U]							0.050*** (0.008)
N	118	152	163	154	145	163	162
Adj. R-Square	0.097	0.281	0.189	0.194	0.173	0.184	0.214
Num. Countries	11	14	16	15	15	16	15

Robust standard errors in parentheses: * p < 0.1, ** p < 0.05, *** p < 0.01

The dependent variable is the inequality in earnings (90-10 percentile ratio) from the OECD Earnings Distribution database.

The regressor is the between-firm wage inequality (90-10 percentile ratio) in the relevant sector.

OVERALL VS BETWEEN-FIRM INEQUALITY

WITHIN-COUNTRY CHANGES

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Agriculture, Forestry and Fishing [A]	0.016 (0.013)						
Mining and quarrying [B]		0.003 (0.016)					
Manufacturing [C]			0.038 (0.063)				
Electricity, gas, water, and waste [D-E]				-0.009* (0.005)			
Construction [F]					0.065*** (0.015)		
Non-Financial Market Services [G-N]						0.057*** (0.011)	
Non Market Services [O-U]							0.014*** (0.004)
N	51	69	69	69	51	69	69
Adj. R-Square	0.932	0.944	0.944	0.945	0.946	0.959	0.948
Country FE	3	4	4	4	3	4	4

Robust standard errors in parentheses: * p < 0.1, ** p < 0.05, *** p < 0.01

The dependent variable is the inequality in earnings (90-10 percentile ratio) from the OECD Earnings Distribution database. The regressor is the between-firm wage inequality (90-10 percentile ratio) in the relevant sector.

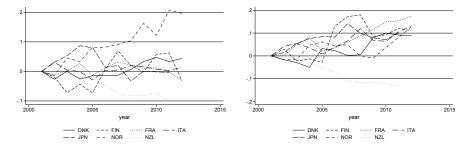
WAGE DISPERSION: COUNTRY HETEROGENEITY

(FIGURE 2)

▶ Back

(A) Manufacturing

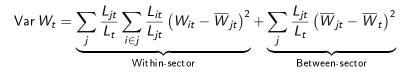
(B) Services



Change in the 90-10 difference of log wages, normalised at 0 in 2001 and averaged across 2-digit sectors weighted by employment.

BETWEEN- VERSUS WITHIN-SECTOR VARIANCE

Wage variance can be decomposed into variance that occurs between firms of the same sectors ("within") and from differences between sector averages ("between").



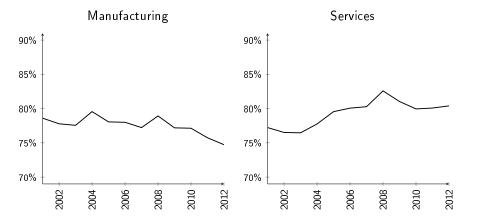
The decomposition helps us answering two questions:

- Does it make sense to focus on the within (country-sector) variation? Full results in Table A.5 of the paper.
 Details
- 2. Which are the sectors that contribute the most to overall variance? Top three sectors reported in Tables A.6 and A.7 of the paper.

SHARE OF WITHIN-SECTOR WAGE VARIANCE

(FIGURE A.12)

Back



SHARE OF WITHIN-SECTOR WAGE VARIANCE

(TABLE A.5)

▶ Back

	Share wage dispersion		
	Manufacturing	Services	
Australia (2012)	0.87	0.75	
Austria (2012)	0.76	0.84	
Belgium (2011)	0.62	0.73	
Chile (2012)	0.69	0.86	
Denmark (2012)	0.85	0.73	
Finland (2012)	0.65	0.74	
France (2012)	0.74	0.77	
Hungary (2012)	0.69	0.84	
ltaly (2012)	0.8	0.83	
Japan (2011)	0.79	0.8	
Netherlands (2012)	0.71	0.96	
Norway (2012)	0.87	0.82	
Sweden (2012)	0.77	0.79	

LP DISPERSION: COUNTRY HETEROGENEITY (Figure 5)

Services Manufacturing .3 .2 .1 2010 2015 2000 2005 2000 2005 2010 2015 vear vear ······ FRA - - ITA ······ FRA - - ITA DNK -- FIN FIN IPN - - NOR NZL - NOR NZL

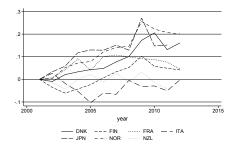
MFP DISPERSION: COUNTRY HETEROGENEITY

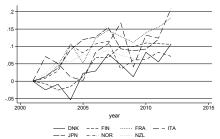
(FIGURE 6)

▶ Back

Manufacturing







FIRM-LEVEL CORRELATION WAGE-PRODUCTIVITY IN 2001

(TABLE 7)

	corr()	W,LP)	corr(W,MFP)		
	Manuf. Services		Manuf.	Services	
Denmark	0.64	0.66	0.56	0.53	
Finland	0.23	0.29	0.29	0.30	
France	0.56	0.50	0.58	0.61	
Hungary	0.48	0.30	0.60	0.49	
ltaly	0.42	0.36	0.51	0.48	
Japan	0.72	0.73	0.63	0.61	
Netherlands	0.46	0.53	0.51	0.56	
New Zealand	0.20	0.17	0.47	0.44	
Norway	0.49	0.50	0.61	0.58	

Note: Firm-level correlation between wage and productivity, averaged across 2-digit sectors weighted by employment. Countries with data starting after 2001or for which data is only available at the macro-sector level are not included.

THE GREAT DIVERGENCE(S) - SKILL COMPOSITION • Back

	(1)	(2)	(3)
	log Wage (90-10)	log Wage (90-10)	log Wage (90-10)
log LP (90-10)	0.288***		
	(0.081)		
log MFP W (90-10)		0.221*	
		(0.058)	
log MFP SW (90-10)			0.074*
			(0.038)
% hrs by skilled workers	-0.201*	-0.165	-0.156
	(0.407)	(0.430)	(0.430)
N	2265	2191	2250
Adj. R-Square	0.970	0.969	0.969
Year FE	YES	YES	YES
Country-sector FE	YES	YES	YES
Nb Sectors	22	22	22
Nb Countries	11	11	11

Standardised beta coefficients; Errors are clustered at the country-sector level: * p < 0.1, ** p < 0.05, *** p < 0.01Countries: AUS, AUT, BEL, DNK, FIN, FRA, HUN, ITA, JPN, NLD, SWE.

WAGE-PRODUCTIVITY CORRELATION BY QUANTILES OF PRODUCTIVITY

LogLP_VA

 $LogMFP_W$

	(1)	(2)		(1)	(2)
1.prod percentile	-0.108***	-0.106***	1.prod percentile	-0.109***	-0.090***
	(0.008)	(0.024)		(0.010)	(0.026)
2.prod percentile	0.108***	0.108***	2.prod percentile	0.076***	0.085***
	(0.004)	(0.017)		(0.010)	(0.019)
4.prod percentile	0.104***	0.108***	4.prod percentile	0.107***	0.103***
	(0.002)	(0.013)		(0.005)	(0.017)
5.prod percentile	-0.080***	- 0.078***	5.prod percentile	-0.045***	-0.031
_	(0.004)	(0.021)	_	(0.010)	(0.025)
Observations	12626	12626	Observations	11838	11838
Adj. R-Square	0.366	0.648	Adj. R-Square	0.245	0.663
Country-sector FE	NO	YES	Country-sector FE	NO	YES
Year FE	YES	YES	Year FE	YES	YES
Nb Countries	10	10	Nb Countries	10	10

The dependent variable is the firm-level correlation between wage and productivity.

Clustered standard errors at the country-sector level in parentheses.

 * p<0.1, ** p<0.05, *** p<0.01

Countries: AUS AUT BEL DNK FIN HUN ITA JPN NLD NOR.

The dependent variable is the firm-kvel correlation between wage and productivity. Clustered standard errors at the country-sector kvel in parentheses. * p < 0.1, ** p < 0.05. *** p < 0.05.

Countries: AUS AUT BEL DNK FIN HUN ITA JPN NLD NOR.

Productivity quantiles: 0-10, 10-40, 40-60 (baseline), 60-90, 90-100.

MINIMUM WAGE AND THE PRODUCTIVITY DISTRIBUTION

To examine further the impact of minimum wage, we look at the wage-productivity correlation across the productivity distribution. How is this correlation affected by the minimum wage?

RESULTS

Minimum wage has a different impact at the top and the bottom of the productivity distribution:

- It lowers the wage-productivity correlation for low-productivity firms;
- Over time, it increases the correlation for the most productive firms.

MINIMUM WAGE AND THE PRODUCTIVITY DISTRIBUTION ECONOMETRIC APPROACH

We estimate the impact of minimum wage MW on the wage-productivity correlation at different quantiles q of the LP distribution:

$$Corr(W, LP_VA)_{cjtq} = \alpha_q + \beta_q \cdot MW_{cjt} + \mathbf{y}_t + \mathbf{z}_{cj} + \varepsilon_{cjtq}$$

The β_q coefficients represent for each quantile q the impact of minimum wage on the wage-productivity correlation.

WAGE-PRODUCTIVITY CORRELATION AND POLICY BY QUANTILES OF PRODUCTIVITY Back

	(1)	(2)	(3)	(4)
	Corr W&LP_VA	Corr W &L P_VA	Corr W&MFP_W	Corr W&MFP_W
Prod Perc 0-10	-0.072***	-0.067**	-0.085****	-0.083*
	(0.006)	(0.023)	(0.006)	(0.038)
Prod Perc 10-40	0.093***	0.097**	0.082***	0.083**
	(0.005)	(0.032)	(0.005)	(0.024)
Prod Perc 60-90	0.109***	0.110***	0.104***	0.100***
	(0.005)	(0.016)	(0.008)	(0.017)
Prod Perc 90-100	-0.099****	-0.102***	-0.025	-0.019
	(0.005)	(0.022)	(0.015)	(0.015)
Prod Perc 0-10 \times Relative Min Wage (wrt av)	-0.093***	-0.021	-0.064***	-0.029
	(0.006)	(0.017)	(0.006)	(0.028)
Prod Perc 10-40 \times Relative Min Wage (wrt av)	-0.079***	-0.010	-0.042****	-0.010
	(0.006)	(0.021)	(0.006)	(0.009)
Prod Perc 40-60 \times Relative Min Wage (wrt av)	- 0.057***	0.005	-0.045***	-0.014
	(0.005)	(0.008)	(0.004)	(0.016)
Prod Perc 60-90 \times Relative Min Wage (wrt av)	-0.102***	-0.038	-0.061***	-0.025**
	(0.008)	(0.018)	(0.004)	(0.009)
Prod Perc 90-100 \times Relative Min Wage (wrt av)	-0.005	0.056**	-0.018*	0.051**
	(0.007)	(0.015)	(0.010)	(0.012)
N Adj. R-Square Year FE	5531 0.469 YES	5531 0.626	5085 0.307 YES	5085 0.536
Country-sector year FE Num. Countries	5	YES 5	5	YES 5

Clustered standard errors at the country-sector level in parentheses: * p < 0.1, ** p < 0.05, *** p < 0.01

The dependent variable is the correlation between wages and productivity.

All regressors are standardised and the coefficients can be interpreted as the effect at the mean.

The largest set of countries include: AUS BEL HUN JPN NLD.