

•

*

600

72003102

200433

hu_dongmin@qq.com

6 = K@6

1

20

"

"

2

"

"

1993

2004

20% 100% 100% 500%

2004

A

1

2003

320

2013

1130

253%

2004

Fang and Lin, 2015 Gan, Hernandez and Ma, 2016

1

2004

2004

71%

2004

56%

2004

15%

2004

24%

2004

28.3%

45.4%

3

1

1997-2011

1

(Cahuc, 2016)

2000

2010

90%

2016

10%

51%

16%

90%

2

3

2004

2004

Neumark and Wascher , 1992; Katz and Krueger, 1992; Card and Krueger, 1994; Dube et al., 2010; Cengiz et al., 2019
2011 2019 ,2012;

2017 2012
2010 10% 0.6%

Cao et al., 2010 Berton and Garibaldi, 2012;
Caggese and Cunat, 2008; Cahuc et al., 2016

$\hat{A} = * < A \partial W \acute{A}$

1

%

: s F > ; % > O s

2

(2010)

U

S

: s F = ; U

: s F = ; S = O s

B

3

Melitz(2003)

Cahuc(2016)

ã

B:P, L ã² A

(:P, L s F² A

4

ì₄^ñ: U F; S² @ P ì₄^ñ B₄^í: U F; @ A ã @ Ò⁵

: ì₄^ñ: U F; S² @ P

¿

4

(S

6

L

0

è_ã: S á; ã ì₄^ñ B₄^í: U F; @ P F S ã @ Ò F % (1)

è_ã: S á; ã

ì₄^X: > F ; T^M - 6

6

(S ã ã

6

%

è_ã: S á; ã⁵: U F; S (S F % (2)

è_ç: S á; ã ì₄^ñ B₄^í: > s F; = U F; @ A ã @ Ò F : s F > ; % (3)

è_ç: S á; ã

ì₄^í s F =

: U F; @ P 6

6

: s F > ; % 0

N: T^M á L⁵: > F ; T^M - : > F ; T^M F : s F „ ; (4)

¿

è_ç: S á ã; á L₄[¿] k U[?] A F S o @ Ò F L₄[¿]: U F; S @ F

ã: S á; ã_ç è S á; ã r[?] g^ñ A F % I = T c è (5)

4

5

A² ç L ì_ç^ñ ã ã ç @ P t

6

1997 2000 2004 2006

2009 2011 CHNS

1997-2011

CEIC

CHNS

9

(Short)

0

1

2

Fan et al.(2018)

$\hat{Z} = \frac{1}{N} \sum_{i=1}^N \hat{Z}_i$

C 1 2

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

GDP

$\hat{Z}_i$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

2004

, 2019

2004

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

1

2004

0

2004

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

04

11

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

04

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

2004

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

12

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

11

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

$\hat{Z}_i = \frac{1}{N} \sum_{j=1}^N \hat{Z}_{ij}$

1

1

2

11

1

2

GDP

1

2

2

9 Fan et al.(2020)

55

10

2016

11

0.189

1

12

1

3

4

3

4

Ú₅

Ú₆

2004

2004

2004

2004

2004

0.317

1

12

4

2004

2004

0.317

13

1

2004

1

2

5 D K N P

tobit

C

3

1				
	(1)	(2)	(3)	(4)
log(Minwage)	0.152*** (5.38)	0.189*** (5.92)	-0.0623 (-0.75)	-0.141 (-1.46)
log(Minwage) H Post2004			0.198*** (2.75)	0.317*** (3.56)
Gender		-0.0843*** (-5.45)		-0.0841*** (-5.44)
log(Age)		-0.281*** (-9.27)		-0.281*** (-9.24)
Educate		-0.146*** (-19.58)		-0.146*** (-19.57)
log(GDP)		0.127*** (3.19)		0.117*** (2.95)
Fulltime		-0.0128 (-0.71)		-0.0140 (-0.77)
log(Popdens)		0.175 (1.60)		0.0941 (0.84)
R ²				
	13835 0.308	9839 0.351	13835 0.309	9839 0.351
*** ** * 1% 5% 10% cluster				

t(z)

1

2

GDP

C

4

CPI

C

4

3

4

C

5

1

2

Bai et al(2018)

11

12

13

Post2004

The diagram consists of several elements:

- GDP**: Located at the top left.
- C**: Located below GDP.
- 20**: Located at the top center.
- 5**, **3**, **4**: Located below 20.
- 1**: Located below GDP and C.
- 11**: Located to the left of the first 1.
- 2**: Located further left.
- (1)**, **(3)**: Located below the first 2.
- 12**: Located below the first 1.
- 2**, **2**, **4**: Located at the bottom left.
- 1**, **2**: Located to the right of the first 1.
- 1**: Located at the far right.

	4308	2470	9523	7357
R2	0.336	0.349	0.314	0.358

2 2004 -2006 3 4 2009 -2011 C 7 1

$$\begin{array}{ccccc} & & 12 & & \\ & & & & \\ 4 & & 1 & & 2 \end{array}$$

12
1 0 4 3 4

4

	1	2	3	4
	short	short		
log(Minwage)	-0.423 [*]	-0.722 ^{**}	-0.0106	-0.0487 ^{**}
	(-1.82)	(-2.46)	(-0.90)	(-1.96)
log(Minwage) H post2004	0.433 ^{**}	0.815 ^{***}	0.0203 [*]	0.0577 ^{***}
	(2.12)	(3.02)	(1.94)	(2.58)

	2929	2076	37247	20208
R ²	0.312	0.384	0.0323	0.0558

0 2004 5 1 2 1 11

Country	Number of people (millions)
USA	12.5
UK	8.5
France	1.5
Germany	8.5
Italy	0.5
Spain	3.5
Japan	4.5

	(1)	(2)	(3)	(4)
log(Minwage)	-0.00552*** (-3.47)	-0.00513** (-2.51)	0.0767 (1.54)	0.0753 (1.40)
log(Minwage) H post2004			-0.0791* (-1.77)	-0.124** (-2.47)
R ²	23324 0.997	17595 0.997	24987 0.287	18977 0.388

	(1)	(2)	(3)	(4)
	<i>Changejob</i>	<i>Changejob</i>	<i>short</i>	<i>short</i>
log Minwage	-0.0204 (-1.55)	-0.0437 (-1.58)		
log(Minwage) H Post2004	0.0400*** (3.24)	0.0551** (2.13)		
Changejob			0.426*** (16.35)	0.415*** (12.91)
R²	0.0290	0.0420	0.313	0.354

Scatter plot showing the relationship between the number of children who survive (S) on the x-axis and the number of children per woman (C) on the y-axis. The data points are labeled with their respective C and S values. A regression line is fitted to the data, showing a positive correlation.

Point Label	C (Children per woman)	S (Children who survive)
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14

14
C 9 1 2
C 9 3 4

14 . K S A @ Q . K S E J ?
 1 0
 7 3 4 3
 4

$$\hat{E} = 5 A \delta$$

15

“ “ “ “

[1] " " 2010 1 146-167

[2] " ? " 2019 10
121-135

[3] " — — — " 2017 3 146-158

[4] " " 2012 5
132-146

[5] " — — , 2010 2 36-47

[6] " — — " 2011 8 , 45-56+187-188

[7] " " " 2019 11 38-51+230-231

[8] " " , 2016 10 94-109

[9] Anwar M S, Aslam M, Tariq M R., "Temporary job and its impact on employee performance", Global Journal of Management and Business Research, 2011, 11(8).

[10] Bai X., Chatterjee A., Krishna K., et al., "Trade and minimum wages in general equilibrium: Theory and evidence" National Bureau of Economic Research, 2018.

[11] Bernard, Andrew B, J Bradford Jensen, and Robert Z Lawrence, "Exporters, jobs, and wages in US manufacturing: 1976-1987" Brookings Papers on Economic Activity, 1995, 67-119.

[12] Berton F, Garibaldi P., "Workers and firms sorting into temporary jobs", Economic Journal, 2012, 122(562), 125-154.

[13] Caggese A, Cuñat V., "Financing constraints and fixed term employment contracts", Economic Journal, 2008, 118(533), 2013-2046.

[14] Cahuc, Pierre, Fabien Postel-Vinay, and Jean-Marc Robin, "Wage bargaining with on-the-job search: Theory and evidence", Econometrica, 2006, 74(2), 323-364.

[15] Cahuc P, Charlot O, Malherbet F., "Explaining the spread of temporary jobs and its impact on labor turnover", International Economic Review, 2016, 57(2), 533-572.

[16] Card, David, and Alan B. Krueger. "Minimum Wages and Employment: A Case Study of the Fast Food Industry in New Jersey and Pennsylvania", American Economic Review, 1994, 84, 772-93.

[17] Cao S, Shao E, Silos P., "Fixed-term and permanent employment contracts: Theory and evidence" 2010.

[18] Cengiz, Doruk, Arindrajit Dube, Attila Lindner, and Ben Zippperer, "The effect of minimum wages on low-wage jobs", The Quarterly Journal of Economics, 2019, 134(3), 1405-1454.

[19] Davy J A, Kinicki A J, Scheck C L. "A test of job security's direct and mediated effects on withdrawal cognitions", Journal of Organizational Behavior: The International Journal of Industrial, Occupational and Organizational Psychology and Behavior, 1997, 18(4), 323-349.

[20] Dube A, Lester T W, Reich M., "Minimum wage effects across state borders: Estimates using contiguous counties", The review of economics and statistics, 2010, 92(4), 945-964.

- [21] Fan H, Lin F, Tang L., "Minimum wage and outward FDI from China", *Journal of Development Economics* 2018, 135(2018), 1-19.
- [22] Fang, Tony, Carl Lin, "Minimum wages and employment in China", *ZA Journal of Labor Policy* 2015, 4(1), 1-30.
- [23] Gan, Li, Manuel Hernandez, and Shuang Ma, "The higher costs of doing business in China: Minimum wages and firms' export behavior", *Journal of International Economics* 2016, 100, 81~94.
- [24] Grossman J B., "The impact of the minimum wage on other wages", *Journal of Human Resources* 1983, 359-378.
- [25] Hau H, Huang Y, Wang G., "Firm response to competitive shocks: Evidence from China's minimum wage policy", *The Review of Economic Studies* 2020, 87(6), 2639-2671.
- [26] Katz, Lawrence F., and Alan B. Krueger., "The Effect of the Minimum Wage on the Fast-Food Industry." *Industrial and Labor Relations Review* 1992, 46(1), 6~21.
- [27] Melitz M J., "The impact of trade on intra-industry reallocations and aggregate industry productivity", *Econometrica* 2003, 71(6), 1695-1725.
- [28] Neumark, David, and William Wascher, "Employment Effects of Minimum and Subminimum Wages: Panel Data on State Minimum Wage Laws", *Industrial and Labor Relations Review* 1992, 46(1), 55-81.
- [29] Ye, Linxiang, Thomas H. Gindling, and Shi Li, "Compliance with legal minimum wages and overtime pay regulations in China", *ZA Journal of Labor & Development* 2015, 7.

Minimum Wage, Labor Contract Term and Employment Pattern

+8\$1+8\$1: \$1*

(DVW &KLQD 1RUPDO 8QLYHUVLWI

' 21*0,1+8

)XGDQ 8QLYHUVLWI

-, =+\$1*

7VLQJKXD 8QLYHUVLWI

\$E V W U D U F W X J K W K H F R Q V W U X F W L R Q R U J B U W R K W W H D F E S L H U W F H O R D Q V
7 K L V S D S H U V W X G L H V W K H S O R \ P H S Q W F G M F L R L R Q
P D N L Q J U H I O H F W H G R Q W K H D G M X V W R K Q W J K R D W K M W D H E R S O W W P H R
D Q G H P S L U L F D O D Q D O \ V H V : H I L Q G W K G W F W K H W K Q F S U H D E D I E L Q L F
O R Q J W H U P Z R U N H U V Z K L O H L Q F S U H D U H V Z W K N H S U R E D E M O K L W I L R I P M
W K H H Q W H U S U L V H V K L U H P R U H U Z D W H V H G Q H P S O P S O H R I V H S D F K P R Q J H
I U H T X H Q W O \ : H D O V R I L Q G W K D W P R K U H O E R Z W K Q F R P S O J A R K S Q W U H
D G M X V W P H Q W 7 K H U H V X O W V L P S O R \ D F F R W Q S R O L K H F B D Q U M W K Q
V W U X F W X U H Z K H Q P D N L Q J W K H P L Q L P X P Z D J H S R O L F \
. H \ Z R U G V Q L P X P Z D J H (P S O R \ P H Q W I R U P / D E R U F R Q W U
- (/ & O D V V L I L F D W L R Q '

* & R U U H V S R Q G L Q J \$ X W K R U ' R Q J P L Q + F K R Q W R L W (X W Q R P I L F R U
) X G D Q 8 Q L Y H U V L W \ 6 K D Q J K D L & K L Q D L V (P D H V H D K U F K G I R Q V K I S Q
E \ W K H 1 D W L R Q D O 1 D W X U D O 6 F L H Q F H) R X Q G D W L R Q R I & K L Q D