

가

4

: 2003 2 21 () 10:00 18:00

:

가

가

1.

(1999), (2000) 가 1990
 가 1990
 가 (2000), (2001a),
 (2000), (2000), (2002) 가 (2000), (2001a),
 가 (2002)
 (2001)
 가, OECD
 , 1990 1990 가
 가 가가
 .(1). 1990 가 가가
 가 가
 , 가 가
 , 가

가 Pfeiffer and Reize(2000)

, Earle and Sakova(2000) 가

disguised unemployment

가 ,

가

1) OECD 가

가

. Bates(1990)

, 가

가

2) , Audretsch(1991)

가

가 , 가 '가 가 '가 Bates(1990)

1.

< 1> 26.2%가 ' , 28.7%가 , ' 가 '가 18.7% '가 , '가 19.4% , '가 , 63.5%가 ,

1) Schary (1991)

2)

71.9%가
 '가 가', 5%
 3) '가 가', 11.3%가
 '가 가', '가 가' .

< 1 > : (: %,)

| 가 , | 18.6(176) | 18.7(68) | 18.7(244) |
|-----|------------|------------|-------------|
| | 28.7(271) | 19.8(72) | 26.2(343) |
| | 6.4(60) | 3.0(11) | 5.4(71) |
| 가 가 | 11.7(110) | 9.6(35) | 11.1(145) |
| | 2.3(22) | 11.3(41) | 4.8(63) |
| | 18.0(170) | 22.9(83) | 19.4(253) |
| | 14.3(135) | 14.6(53) | 14.4(188) |
| | 100.0(944) | 100.0(363) | 100.0(1307) |

:
 : , ' , 2001

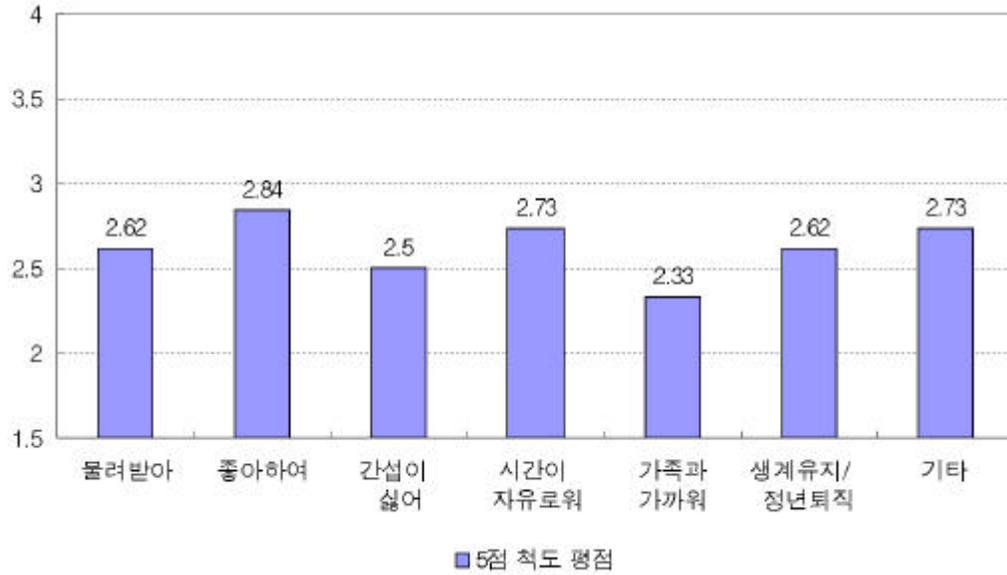
가 가 가
 가 , [2] ' 가 [2]
 가 '(1) ' 5 , '(2)
 ' 4 , '(3) ' 3 , '(4) ' 2 , '(1) ' 1
 5)
 '가 5 2.84 가 , ' '가 2.33
 ' ' , 2.73 ' 가 가
 가 49.9% '
 , 1/3 35.1% ' (25.1%) '
 (10.0%) 가 ' , 0.3%
 , ' , 14.3% 6)

3) , 10.3% , 5.0%

4) 5 1%

5) 3 , 3 가

[2] 가



2.

(KLIPS) 4
 () 7) 가
 가 , 2001 가 ,
 8)
 < 2> 2001 가 1
 2,853 . 78.2% 가 , , 18%
 80.0% . 20.0%
 가 11.0%, 5.1% . 0.3%,
 15%

6)

7)

8) 가
 3

가

1986

1987

1975

1 4,624 , 8,612

58.9%

가

< 2>

9)

(: , %)

| | | () | 가 , | | | | | | |
|-----------|----|--------|------|-----|-----|------|-----|-----|-----|
| | | 12,853 | 78.2 | 1.8 | 5.1 | 11.0 | 0.3 | 1.5 | 2.1 |
| | | 14,624 | 78.4 | 2.3 | 4.7 | 11.2 | 0.1 | 1.3 | 1.9 |
| | | 8,612 | 77.9 | 0.6 | 5.9 | 10.5 | 0.6 | 2.1 | 2.5 |
| | 20 | 2,903 | 90.9 | 0.0 | 3.9 | 5.2 | 0.0 | 0.0 | 0.0 |
| | 30 | 6,916 | 74.7 | 2.5 | 4.0 | 13.3 | 0.0 | 1.4 | 4.1 |
| | 40 | 13,164 | 75.1 | 1.5 | 6.3 | 13.2 | 0.6 | 1.7 | 1.6 |
| | 50 | 19,507 | 83.6 | 2.1 | 5.3 | 7.0 | 0.0 | 1.4 | 0.5 |
| | 60 | 14,037 | 85.8 | 1.3 | 1.6 | 5.8 | 0.0 | 1.7 | 3.8 |
| | | 5,586 | 87.3 | 0.4 | 4.3 | 4.5 | 0.8 | 1.6 | 1.2 |
| | | 7,181 | 81.6 | 1.5 | 6.8 | 8.3 | 0.3 | 0.8 | 0.7 |
| | | 9,838 | 76.2 | 1.8 | 5.2 | 11.9 | 0.0 | 2.1 | 2.8 |
| | | 29,718 | 71.0 | 2.4 | 4.8 | 16.4 | 0.4 | 2.0 | 3.0 |
| | | 32,157 | 72.7 | 3.5 | 2.7 | 17.7 | 0.4 | 0.5 | 2.6 |
| 가 | 가 | 14,594 | 78.4 | 2.0 | 4.9 | 10.8 | 0.3 | 1.4 | 2.2 |
| | | 9,310 | 76.3 | 0.8 | 6.3 | 12.1 | 0.3 | 2.0 | 2.2 |
| | | 5,216 | 80.8 | 4.2 | 2.8 | 10.8 | 0.0 | 1.4 | 0.0 |
| | | 5,422 | 92.7 | 0.0 | 2.7 | 4.5 | 0.0 | 0.0 | 0.0 |
| | | 3,772 | 82.3 | 3.2 | 2.0 | 10.3 | 0.0 | 0.0 | 2.1 |
| () | | 14,034 | 77.6 | 1.7 | 5.1 | 11.7 | 0.2 | 1.7 | 2.1 |
| / / | | 6,208 | 82.8 | 1.4 | 7.0 | 3.9 | 1.5 | 2.0 | 1.5 |
| 1975 1979 | | 67,569 | 89.2 | 3.8 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1980 1984 | | 42,929 | 86.0 | 1.5 | 4.3 | 5.4 | 0.0 | 0.4 | 2.4 |
| 1985 1989 | | 18,888 | 83.1 | 0.5 | 7.3 | 7.0 | 0.0 | 2.1 | 0.0 |
| 1990 1994 | | 9,230 | 77.2 | 1.5 | 5.7 | 11.1 | 0.0 | 2.5 | 2.0 |
| 1995 1999 | | 5,964 | 75.8 | 1.7 | 5.0 | 12.9 | 0.3 | 1.4 | 2.9 |
| 2000 2001 | | 4,045 | 75.4 | 4.6 | 1.0 | 15.8 | 1.4 | 0.4 | 1.3 |

: 1975

100

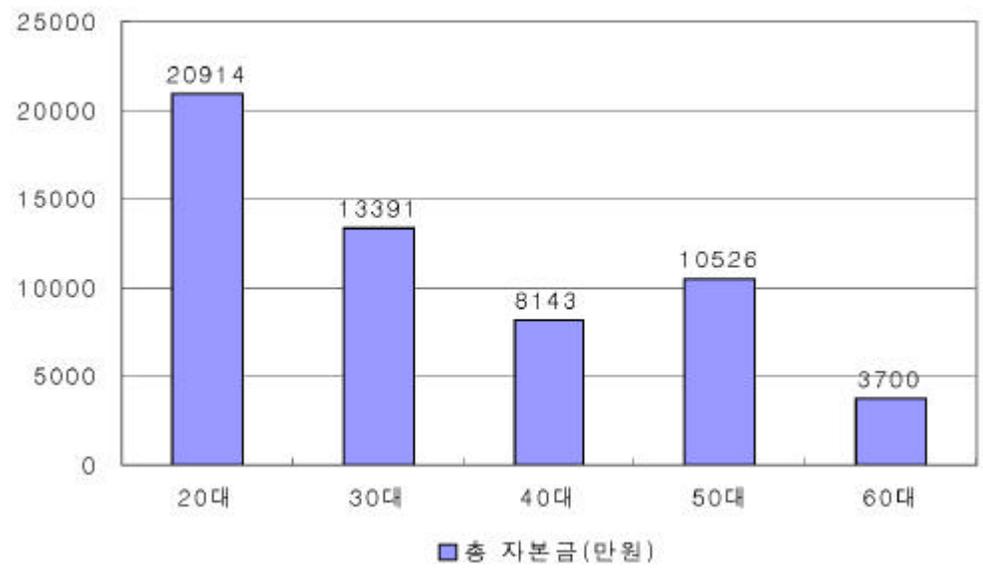
: , 『 』 , 2001

9) 가 가 100

가 1 4,594 가 , 9,310 가 1
 가 1 4,034 , 6,208
 가 , . . .

50 가 가 . 20
 2,903 , 30 6,916 , 40 1 3,164 , 50 1 9,507
 30 40

[3]



2001 가
 , [3] 가 .
 20 2 914 , 30 1 3,391 , 40 8,143
 . 50 1 526 40 가
 가 70 .10) 가

10) 40 50 가 가 t- 10% 가
 , 40 50 .

< 3>

OLS

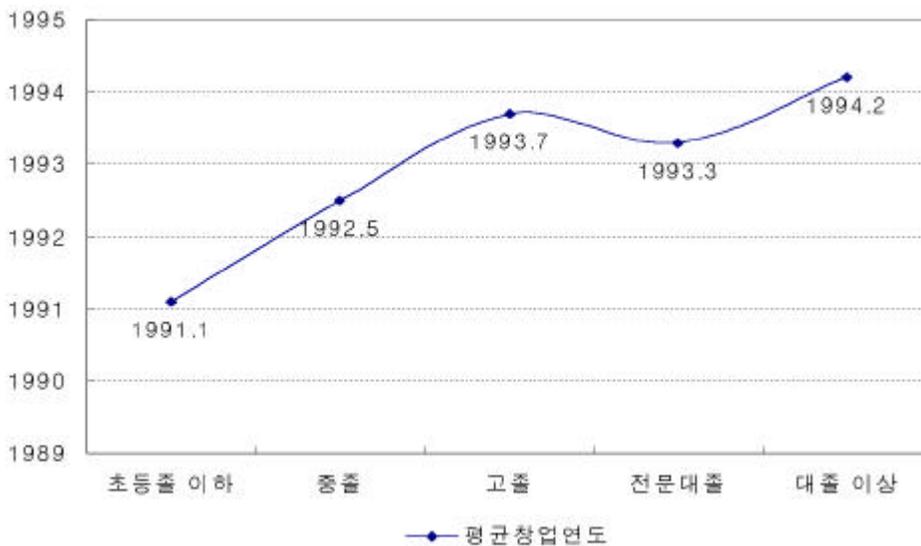
| | | P> t |
|--------------------|---------|-------|
| | 15.4024 | 0.003 |
| (0: , 1:) | -0.8169 | 0.528 |
| () | -0.3828 | 0.068 |
| | 0.0039 | 0.128 |
| () | -2.4131 | 0.005 |
| | -4.5062 | 0.000 |
| | -5.4624 | 0.000 |
| | -5.6806 | 0.000 |
| 가 () | 1.7113 | 0.513 |
| 가 | -0.3152 | 0.913 |
| | -2.3208 | 0.418 |
| (. .) | -2.6325 | 0.146 |
| | -0.4289 | 0.738 |
| (,) | 1.1613 | 0.336 |
| | -0.2001 | 0.790 |
| | -3.9262 | 0.000 |
| , , , , 가 , | -1.1548 | 0.269 |
| | 1.1540 | 0.710 |
| , | -0.3659 | 0.788 |
| | 0.0555 | 0.954 |
| () | 1.5884 | 0.013 |
| 6 | 0.6580 | 0.270 |
| (가) | 0.5403 | 0.000 |
| (%) | 0.0113 | 0.163 |
| Adjusted R-squared | 816 | |
| F- | 0.1141 | |
| | 5.56 | |

: , 가 가 100

: , 『 , 2001

< 4-25> 가 1 6,190
 1 4,673 , , 1 646
 1 , , ,
 70% ,가 , '가
 4 5,079 가 ,
 3 7,502 .15) 가 가 2
 1

[4-13]



가 1 4 가
 . 1998
 1999
 2001

15)

가 , 가
 가

가

(+)

'0' < 1> < 1>

5> , 가 ,

가 , , 16), 17), < 1>

< 5> .18)

< 5>

가 가 가 가 가

Pseudo-R² 0.0165 0.02054

1 2 1 2 P>|z| 0.974

가 가

1 가 2 가

2

가

16) (= -)

17) (Holtz-Eakin, Joulfaian, and Rosen, 1994), error in variable

18) 가

< 4>

(logit)

21)

| | 1 | | 2 | |
|------------------|----------|-------|----------|-------|
| | P> z | | P> z | |
| | -0.3097 | 0.486 | -3.1712 | 0.000 |
| (0: 1:) | -0.2755 | 0.211 | 0.9130 | 0.025 |
| | -0.0265 | 0.000 | -0.0004 | 0.974 |
| () | | | | |
| / / | -0.2262 | 0.295 | -0.0410 | 0.918 |
| 가 (가) | -0.1939 | 0.519 | 0.1458 | 0.771 |
| | 0.0927 | 0.698 | 0.5197 | 0.212 |
| () | -0.2847 | 0.283 | -0.1058 | 0.807 |
| . . | -0.0491 | 0.708 | -0.2726 | 0.195 |
| . | -0.3522 | 0.098 | -0.4898 | 0.126 |
| . | -0.3026 | 0.093 | -0.5847 | 0.040 |
| . . | -0.3785 | 0.015 | -0.7166 | 0.005 |
| . | -0.3091 | 0.106 | -0.3437 | 0.258 |
| () | -0.156 | 0.343 | 0.0211 | 0.439 |
| () | - | - | -0.0261 | 0.310 |
| () | - | - | -0.0622 | 0.006 |
| | - | - | 0.0002 | 0.720 |
| | - | - | 0.0014 | 0.004 |
| 가 (log) | - | - | -0.0724 | 0.043 |
| 가 (log) | - | - | -0.0507 | 0.233 |
| 가 (log) | - | - | 0.0232 | 0.093 |
| (1:) | - | - | 0.5824 | 0.014 |
| (log) | - | - | -0.0084 | 0.000 |
| (,) | | | | |
| | - | - | 2.1181 | 0.000 |
| | - | - | 2.0742 | 0.000 |
| | - | - | 2.4793 | 0.000 |
| .가 . . | - | - | 0.7313 | 0.260 |
| . | - | - | 1.3623 | 0.002 |
| | - | - | 1.8196 | 0.000 |
| Pseudo R- square | 4,570 | | 3,533 | |
| Log likelihood | 0.0165 | | 0.2054 | |
| | - 1456.8 | | - 610.71 | |

21) 4

< 4>

< 5>

| | (, Y=1) | | | |
|-----------------|---------------|-------|---------------|-------|
| | (Y=2) P> z | | (Y=3) P> z | |
| (0: 1:) | -5.7562 | 0.000 | -1.9901 | 0.034 |
| () | 0.4289 | 0.207 | 0.4107 | 0.086 |
| () | 0.3502 | 0.039 | -0.0249 | 0.105 |
| () | 0.0630 | 0.134 | -0.0297 | 0.378 |
| () | -0.0577 | 0.146 | -0.0234 | 0.432 |
| () | -0.0477 | 0.180 | -0.0716 | 0.013 |
| | 0.0005 | 0.596 | 0.0004 | 0.580 |
| | 0.0012 | 0.161 | 0.0015 | 0.013 |
| 가 (log) | -0.1611 | 0.000 | -0.0022 | 0.967 |
| 가 (log) | -0.0919 | 0.085 | -0.2840 | 0.613 |
| 가 (log) | -0.0047 | 0.824 | 0.0297 | 0.077 |
| (1:) | 0.7009 | 0.491 | 1.3106 | 0.020 |
| (log) | -0.1355 | 0.217 | -0.2853 | 0.000 |
| (,) | 3.1017 | 0.000 | 1.1467 | 0.042 |
| | 2.3532 | 0.000 | 1.9637 | 0.000 |
| | 2.4893 | 0.000 | 2.3878 | 0.000 |
| .가 . . | -40.961 | 1.000 | 0.9850 | 0.143 |
| . | 1.6141 | 0.026 | 1.4806 | 0.006 |
| | 1.9727 | 0.001 | 1.8209 | 0.000 |
| Pseudo R-square | 3,533 | | | |
| Log likelihood | 0.1829 | | | |
| | -736.877 | | | |

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 ,
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 '1' , '2' ,
 '3' (index) ,
 가 < 5> 가
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22). , .가 . .
가 .
< 5> . , , 가
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가 , 가 가 ,
Praag and Cramer(2001) . 가
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. Bates(1990) , 가
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, -0.0622 1% .
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가 , 가 ,
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22) Evans and Jovanovic(1989), Blanchflower & Oswald(1998)

가
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 (2000. 2.): 81-108.

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 (2000. 2.): 55-80.

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 29-54.

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 6.): 109-40.

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 137-65.

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 (2002. 2.).

, 「 가 」, 『 』 25 1 , (2002. 3.):
 161-82.

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 (2002. 9.)

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< 1 >

| | | | |
|----------|---------|--------|---------|
| (0: 1:) | 0.724 | 0.690 | 0.721 |
| () | 45.367 | 42.675 | 45.21 |
| / / | 0.866 | 0.840 | 0.864 |
| 가 (가) | 0.083 | 0.075 | 0.083 |
| () | 0.201 | 0.245 | 0.204 |
| . . | 0.041 | 0.065 | 0.043 |
| . . | 0.248 | 0.285 | 0.250 |
| . . | 0.078 | 0.080 | 0.078 |
| . . | 0.119 | 0.105 | 0.118 |
| . . | 0.203 | 0.135 | 0.199 |
| . . | 0.091 | 0.085 | 0.091 |
| () | 10.897 | 11.390 | 10.925 |
| () | 18.233 | 14.360 | 18.014 |
| () | 461.139 | 310.2 | 452.594 |
| 가 (log) | 8.993 | 5.462 | 8.793 |
| 가 (log) | 185.247 | 99.666 | 180.402 |
| 가 (log) | 4.875 | 4.041 | 4.828 |
| (1:) | 8.821 | 8.487 | 8.802 |
| (,) | 2.779 | 3.955 | 2.846 |
| . 가 . . | 0.119 | 0.430 | 0.136 |
| . . | 3.569 | 0.360 | 3.389 |
| | 0.051 | 0.100 | 0.541 |
| | 0.250 | 0.400 | 0.258 |
| | 0.096 | 0.235 | 0.104 |
| | 0.049 | 0.015 | 0.047 |
| | 0.042 | 0.050 | 0.042 |
| | 0.096 | 0.120 | 0.098 |