

()
()

Bivariate Logit OLS 가 (merge)
, , , , , ,
, , 가 가
가 가 가 가
가 가 가 가
가 (+) , 가 (-)
, 가 가
가 가

I

1.

가 가

1994 ‘

(Job Summit)

1998 3 가

1998 7,377 36
 , 1999 6.3% 5,832 33
 1997
 가 42,000 9 가

가
 IMF

(1998) 1998 4 10 (1999)가 3 43,774

가
 가
 (1999) 1998 10 11
 1,070

가
 가
 가

2.

「 」 1998 6 10 5,000가 13,000 가
15
가 가
가 (merge) IMF
가 가 Bivariate Logit OLS
가
1
가
(CAR_MON)
1998 9
가 가 가

II.

1. 가

< 1> 가 가 54%가
46%가 (1998) 가

1).
가 . 1991 가 2).
가 가 가 .
가 가 20 30 가 .
가 가 , , . < 5>
가 가 54%가 ,
가

가 가 가
가 가 3).
1991 25% 37%가 가

4).
가 5).

(Campbell R. McConnell . Stanly L. Brue, 1995)⁶).

1) 1998 63.1%,
36.9%, (1998) 가 62.5% 37.5%

2) Joseph G. Altonji and James R. Spletzer(1995)

3) ()

가 .
가
1998 가 , 46.6%

2,30 가 76% .
4) Joseph G. Altonji and James R. Spletzer(1995)

5) David G. Blanchflower and Lisa M. Lynch, "Training at Work: A Comparison
of U.S. and British Youth" NBER Working Paper No. 4037, March 1992.

6) 1991 5 가 41%
1983 35% 6%가 25%
37% . 1991 가

< 1> 가

(: ,

%)

| | | | 19 | 20 29 | 30 39 | 40 49 | 50 59 | 60 | | | | |
|-------|---------------|---------------|-------------|---------------|---------------|---------------|--------------|-------------|---------------|---------------|--------------|---------------|
| 1,137 | 614 (54.0) | 523 (46.0) | 46 (4.0) | 388 (34.1) | 311 (27.4) | 236 (20.8) | 111 (9.8) | 45 (4.0) | 180 (16.0) | 601 (52.9) | 107 (9.4) | 249 (21.9) |

< 2> , 13,317 8.5%가 가 .

가 8%

7).

15.8%

가

가

가

(1998) 3

70% 가

1998 10

93,930

,

966

3,045

가

23

1998 10

가 150

가

7.7%가

8)

8.5%

가

가

(creaming problem)가

7)

96

0.7%

8%

8)

(stock)

10

23

5

11.5 (=23 × 5 /10)

< 2>

(: , %)

| | | | |
|-------------|---------------|--------------|---------------|
| | | | |
| 1,137 (8.5) | 12,180 (91.5) | 2,103 (15.8) | 11,214 (84.2) |

< 3> , 1
 . 74.1%가 1 1-2 17.7%
 8.2% . (1998) 6 48.3%
 가
 1

< 3>

(: , %)

| | | |
|-----|-------|-------|
| | | % |
| 1 | 842 | 74.1% |
| 1-2 | 201 | 17.7 |
| 2-3 | 43 | 3.8 |
| 3-4 | 6 | 0.5 |
| 4-5 | 3 | 0.3 |
| 5 | 2 | 0.2 |
| | 40 | 3.5 |
| | 1,137 | 100.0 |

< 4>

31.2% 가

가 9). (1998) 가 70.6%가
 가

< 4>

(: ,

%)

9)

256,106 , ,
 44.3% , 20.2% , 18.5% ,
 16.1% ((1999), p.20).

| | | |
|--|-------|-------|
| | | % |
| | 355 | 31.2% |
| | 75 | 6.6 |
| | 224 | 19.7 |
| | 281 | 24.7 |
| | 55 | 4.8 |
| | 147 | 13.2 |
| | 1,137 | 100.0 |

< 5>

가 가

< 5>

(: , %)

| | | |
|--|-----|-------|
| | | % |
| | 325 | 54.1 |
| | 173 | 28.8 |
| | 65 | 10.8 |
| | 19 | 3.2 |
| | 10 | 1.7 |
| | 9 | 1.5 |
| | 601 | 100.0 |

< 6>

가 가 가

< 6>

(: , %)

| | | |
|---------|------|-------|
| | | % |
| 1 99 | 58 | 7.9 |
| 100 299 | 26 | 2.29 |
| 300 499 | 9 | 0.79 |
| 500 999 | 12 | 1.06 |
| 1000 | 62 | 5.45 |
| | 970 | 85.31 |
| | 1137 | 100.0 |

< 7>

10) 가

가 가

가 8.8% 가

8.2%

가

< 7>

(: , %)

| | % | | % |
|------|-------|--------|-------|
| 62 | 5.45 | 639 | 5.07 |
| 1075 | 94.56 | 11962 | 94.93 |
| 1137 | 8.28 | 126901 | 91.72 |

2. ,

< 8>

가 가

가 가

< 8>

(: , %)

| | | % | | % |
|---|-------|-------|--------|-------|
| , | 669 | 63.05 | 9,109 | 74.86 |
| 가 | 37 | 3.49 | 291 | 2.39 |
| 가 | 112 | 10.56 | 459 | 3.77 |
| | 32 | 3.02 | 260 | 2.14 |
| | 55 | 5.18 | 394 | 3.24 |
| | 0 | 0 | 3 | 0.02 |
| , | 82 | 7.73 | 807 | 6.63 |
| | 23 | 2.17 | 426 | 3.05 |
| | 51 | 0.39 | 419 | 4.81 |
| | 1,061 | 8.02 | 12,168 | 91.88 |

가

IMF

가

< 9>

8.9% 1/10

<

10>

IMF

가

< 9>

가 10%

8.1%

가

가

.11)

11) 1998

1999

, 가 , ,

< 9> IMF

(: , %)

| | IMF | | IMF / 가 | |
|--|--------|-------|---------|-------|
| | | % | | % |
| | 909 | 8.9 | 228 | 7.5 |
| | 9,334 | 91.1 | 2,835 | 92.6 |
| | 10,243 | 100.0 | 3,063 | 100.0 |

< 10>

(: , %)

| | | % | | % |
|--|-------|-------|-------|-------|
| | 692 | 8.1 | 445 | 9.2 |
| | 7,800 | 91.9 | 4,376 | 90.8 |
| | 8,492 | 100.0 | 4,821 | 100.0 |

가

가

. < 11>

가

가

(< 12>), < 13>

< 11>

(: , %)

| | | % | | % |
|--|-----|-------|-------|-------|
| | 41 | 8.54 | 455 | 12.88 |
| | 438 | 91.25 | 3,076 | 87.09 |
| | 479 | 11.96 | 3,531 | 88.04 |

< 12>

(: , %)

| | | % | | % |
|--|-----|-------|-------|-------|
| | 393 | 81.88 | 2,661 | 75.34 |
| | 87 | 18.13 | 870 | 24.63 |
| | 480 | 11.96 | 3,532 | 88.04 |

< 13>

(: , %)

| | | % | | % |
|---|-----|-------|-------|-------|
| | 453 | 94.46 | 3,332 | 94.36 |
| . | 27 | 5.54 | 199 | 5.64 |
| | 480 | 8.28 | 3,532 | 91.72 |

가 95%가
, 12.7% (< 14>).
가 89.5%
가
8% .

< 14>

(: , %)

| | | % | | % |
|--|-------|-------|--------|-------|
| | 964 | 94.78 | 11,274 | 89.47 |
| | 156 | 12.72 | 1,099 | 8.72 |
| | 17 | 1.50 | 228 | 1.81 |
| | 1,137 | 8.28 | 12,601 | 91.72 |

3.

가 7가 / , , , , ,
가 , / . < 15>
5가 . ,

(56%), (77.9%), (87.9%), (76.8%), (76.6%), 가
 (77.3%), / (92.5%), (63.7%) .
 12).
 7가 가
 (causality)
 가 . , , 가
 / 가 / 가
 가 . 가
 가
 ‘ (hedonic model)’ .
 , ‘ (job
 match)’ .

12) ()
 , () 가

< 15>

(: , %)

| | | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | | | | 가 | | |
| | 15 (3.13) | 52 (10.83) | 68 (14.17) | 48 (10.0) | 23 (4.79) | 36 (7.50) | 65 (13.54) | 21 (4.38) |
| | 88 (18.33) | 163 (33.96) | 169 (35.21) | 151 (31.46) | 106 (22.08) | 139 (28.96) | 223 (46.46) | 113 (23.54) |
| | 166 (34.54) | 160 (33.33) | 185 (38.54) | 170 (35.42) | 239 (49.79) | 196 (40.83) | 156 (32.50) | 172 (35.83) |
| | 168 (35.00) | 74 (15.42) | 49 (10.21) | 85 (17.71) | 73 (15.21) | 83 (17.29) | 30 (6.25) | 112 (23.33) |
| | 43 (8.96) | 30 (6.25) | 9 (1.88) | 26 (5.42) | 21 (4.83) | 24 (5.00) | 6 (1.25) | 58 (12.08) |
| / | 0 (0.00) | 1 (0.21) | 0 (0.00) | 0 (0.00) | 18 (3.75) | 2 (0.42) | 0 (0.00) | 4 (0.83) |
| | 480 (100.0) | 480 (100.0) | 480 (100.0) | 480 (100.0) | 480 (100.0) | 480 (100.0) | 480 (100.0) | 480 (100.0) |

4.

< 16>

, , 가 , (가)가
 45% 가 (28%) (24%)
 가 가
 가 , , ,
 , , ,
 가 가 , , ,
 , 가 , ,
 가
 가 . 가 가 8.4% 21.1%
 4.3%
 , 9.4%

< 16>

(: ,

%)

| | 가 | | | | |
|-----|-------------|-------------|-------------|------------|---------------|
| | 347 (69.12) | 122 (39.87) | 169 (62.83) | 22 (64.71) | 660 (59.41) |
| | 37 (7.37) | 52 (16.99) | 17 (6.32) | 2 (5.88) | 108 (9.72) |
| 가 | 0 (0.00) | 2 (0.65) | 1 (0.37) | 0 (0.00) | 3 (0.27) |
| | 4 (0.80) | 4 (1.31) | 4 (1.49) | 0 (0.00) | 12 (1.08) |
| * | 24 (4.78) | 25 (8.17) | 6 (2.23) | 1 (2.94) | 56 (5.04) |
| ** | 29 (5.78) | 77 (25.16) | 18 (6.69) | 2 (5.88) | 126 (11.34) |
| *** | 56 (11.16) | 14 (4.58) | 51 (18.96) | 5 (14.71) | 126 (11.34) |
| | 5 (1.0) | 10 (3.27) | 3 (1.12) | 2 (5.88) | 20 (1.80) |
| | 502 (45.18) | 306 (27.54) | 269 (24.21) | 34 (3.06) | 1,111 (100.0) |

: * :

** :

*** :

가

가 9900

< 17>

(: :

, %)

| | 가 | | | | |
|---|-------------|-------------|-------------|------------|---------------|
| | 347 (71.11) | 125 (44.01) | 175 (68.36) | 22 (66.67) | 669 (63.05) |
| 가 | 13 (2.66) | 10 (3.52) | 11 (4.30) | 3 (9.09) | 37 (3.49) |
| 가 | 41 (8.40) | 60 (21.13) | 11 (4.30) | 0 (0.0) | 112 (10.56) |
| | 14 (2.87) | 13 (4.56) | 4 (1.56) | 1 (3.03) | 32 (3.02) |
| | 25 (5.12) | 20 (7.04) | 9 (3.52) | 1 (3.03) | 55 (5.18) |
| | 29 (5.94) | 26 (9.15) | 24 (9.38) | 3 (9.09) | 82 (7.73) |
| | 6 (1.23) | 5 (1.76) | 10 (3.91) | 2 (6.06) | 23 (2.17) |
| | 13 (2.66) | 25 (8.80) | 12 (4.69) | 1 (3.03) | 51 (4.81) |
| | 488 (45.99) | 284 (26.77) | 256 (24.13) | 33 (3.11) | 1,061 (100.0) |

5.

< 18>

7.6% 가
가

가

가

< 19>

가

IMF

가

가

가

가

가

가

< 18>

(: , %)

| | | |
|---|-------|-------|
| | | % |
| | 304 | 7.6 |
| | 689 | 17.2 |
| | 466 | 11.6 |
| | 1,416 | 35.3 |
| | 1,002 | 25.0 |
| | 107 | 2.7 |
| / | 28 | 0.7 |
| | 4,012 | 100.0 |

< 19>

(:)

, %)

| | | | | | |
|---|--------------|---------------|-------------|---------------|-----------|
| | | | | | |
| | 88 (4.0) | 305 (10.70) | 62 (13.05) | 114 (10.14) | 12 (19.0) |
| | 487 (20.0) | 723 (25.37) | 144 (30.32) | 262 (23.31) | 9 (14.0) |
| | 473 (20.0) | 370 (12.98) | 51 (10.74) | 117 (10.41) | 11 (17.0) |
| | 778 (33.0) | 878 (30.81) | 137 (28.84) | 469 (41.73) | 25 (39.0) |
| | 431 (18.0) | 494 (17.33) | 71 (14.95) | 122 (10.85) | 4 (6.0) |
| | 90 (4.0) | 66 (2.32) | 9 (1.89) | 34 (3.02) | 2 (3.0) |
| / | 29 (1.0) | 14 (0.49) | 1 (0.21) | 6 (0.53) | 1 (2.0) |
| | 2,379 (35.0) | 2,850 (41.36) | 475 (6.89) | 1,124 (16.31) | 64 (0.93) |

< 20>

2,000

2,000

/

가

< 20>

(: ,)

%)

| | | | | | | |
|---|------------------|------------------|------------------|----------------|---------------|---------------|
| | () | | | | | |
| | 1,000 | 1,000- 1,999 | 2,000- 2,999 | 3,000- 3,999 | 4,000- 4,999 | 5,000 |
| | 156 (6.02) | 205 (9.81) | 127 (10.07) | 49 (9.78) | 14 (8.00) | 30 (10.99) |
| | 635 (24.51) | 500 (23.93) | 303 (24.03) | 94 (18.76) | 34 (19.43) | 59 (21.62) |
| | 474 (18.29) | 268 (12.83) | 152 (12.05) | 68 (13.57) | 24 (13.71) | 37 (13.55) |
| | 880 (33.96) | 659 (31.55) | 414 (32.83) | 175 (34.93) | 69 (39.43) | 90 (32.97) |
| | 312 (12.04) | 402 (19.24) | 240 (19.03) | 101 (20.16) | 31 (17.71) | 36 (13.19) |
| | 107 (4.13) | 42 (2.01) | 19 (1.51) | 12 (2.40) | 3 (1.71) | 18 (6.59) |
| / | 27 (1.04) | 13 (0.62) | 6 (0.48) | 2 (0.40) | 0 (0.00) | 3 (1.10) |
| | 2,591 (37.61) | 2,089 (30.32) | 1,261 (18.30) | 501 (7.27) | 175 (2.54) | 273 (3.96) |

III.

가 가
 가 .
 , .
 가 . 가
 가 (Fay(1996), Leigh(1990, 1995)).
 . 가
 (experimental) (quasi-experimental)

< 21 >

| | | | | |
|----------|---|---|--------|---------|
| AGE | | | 39.21 | 16.17 |
| EDU | =0, (=3, =6), (=7.5, =9), (=10.5 =12), (=13 =14), (=15 =16), (=17 =18), (=19 =20) | | 10.71 | 4.21 |
| SEX | (= 1, = 0) | | | |
| WAGE | | | 48.22 | 81.54 |
| TRAIN | 가 (가 =1, =0) | | | |
| WORKDAY | () | | 11.74 | 12.67 |
| DAYTRAIN | | | 129.74 | 2,122.9 |
| CAR_MON | (1998 9) | | 49.34 | 92.58 |
| MARRY | (=1, =0) | | | |
| MANUFAC | (=1, =0) | | | |
| REALS | 가 | | 10.52 | 41.21 |
| INCDROP | IMF | % | 33.80 | 30.06 |
| TRAINFEE | (, 가 , , = 1, =0) | | | |
| PLACE | (, , =1, =0) | | | |

Bivariate Logit

OLS

가

1.

Logit

(가

, IMF

),

(

,

,

,

),

< 22>

(2)

(3)

가

(+)

TRAIN

가

1%

DAYTRAIN

(-)

가

가

CAR_MON

EDU

1998 9 10

가

IMF

가

INCDROP

가

가

가

Likelyhood

ratio

2

0%

< 22>

logit

| | (1) | (2) | (3) |
|-------------------------------|---------------------------|---------------------------|---------------------------|
| INTERCEPT | 0.6001*** (0.12612) | 0.3416* (0.13160) | 1.6246*** (0.1133) |
| AGE | 0.0134*** (0.00203) | 0.0132*** (0.00204) | - 0.00148*** (0.00148) |
| CAR_MON | - 0.00830*** (0.00033) | - 0.00817*** (0.00033) | - 0.00957*** (0.00035) |
| EDU | - 0.0677*** (0.00615) | - 0.0652*** (0.00617) | - 0.0831*** (0.00591) |
| SEX | 0.4700*** (0.0205) | 0.4718*** (0.0205) | 0.3764*** (0.0193) |
| MARRY | 0.6318*** (0.0305) | 0.6362*** (0.0306) | - |
| REALS | 0.00716*** (0.00072) | 0.00706*** (0.00072) | - |
| INCDROP | 0.00623*** (0.00066) | 0.00626*** (0.00066) | - |
| DAYTRAIN | - 0.00004** (0.00001) | - | - |
| TRAIN | - | 0.2715*** (0.00381) | 0.2607*** (0.0368) |
| | 13,315 | 13,315 | 13,315 |
| Likelihood ratio ² | 14,440 (P<0.0000) | 14,400 (P<0.0000) | 12,007 (P<0.0000) |

1) ()

2) : *** : 1% . ** : 5%
* : 10%

2.

가 가
(sub- sample) 가 Logit (가 ,) . < 23>

(1) (3) TRAINFEE (+)
가

가

TRAINPLACE

. < 24>

(1) (3)

가 (+)

13)

가

< 23>

Logit

| | (1) | (2) | (3) |
|-------------------------------|--------------------------|--------------------------|--------------------------|
| INTERCEPT | -0.2470 (0.5160) | 0.2275 (0.5339) | 1.0107 (0.4738) |
| AGE | -0.00526 (0.00908) | -0.00440 (0.00915) | -0.00786 (0.00685) |
| CAR_MON | -0.00890*** (0.00126) | -0.00855*** (0.00126) | -0.00918*** (0.00125) |
| EDU | 0.00880 (0.0284) | -0.00025 (0.0287) | -0.0114 (0.0279) |
| SEX | 0.6073*** (0.0760) | 0.5902*** (0.0765) | 0.5624*** (0.0733) |
| MARRY | 0.0877 (0.0980) | 0.0881 (0.0991) | - |
| REALS | 0.00225*** (0.00135) | 0.00207 (0.00138) | - |
| INCDROP | 0.0147*** (0.00242) | 0.0144*** (0.00244) | - |
| TRAINFEE | 0.3519*** (0.0874) | 0.3270*** (0.0887) | 0.3152*** (0.0861) |
| DAYTRAIN | -0.00003 (0.000013) | - | - |
| TRAIN | - | 0.5452*** (0.1298) | 0.5394*** (0.1263) |
| | 1,103 | 1,103 | 1,103 |
| Likelihood Ratio ² | 1201.71 (P<0.0111) | 1,089 (P<0.0169) | 1,176 (P<0.0013) |

1) ()

2) : *** : 1% . ** : 5%

* : 10%

13) 1998

가 256,106 가 18.5%

< 24>

Logit

| | (1) | (2) | (3) |
|-------------------------------|--------------------------|---------------------------|--------------------------|
| INTERCEPT | - 0.2108 (0.5535) | 0.2990 (0.5742) | 1.0481** (0.5056) |
| AGE | - 0.00192 (0.00969) | - 0.00044 (0.00981) | - 0.00454 (0.00735) |
| CAR_MON | - 0.0101*** (0.00144) | - 0.00977*** (0.00145) | - 0.0103*** (0.00142) |
| EDU | - 0.00500 (0.0307) | - 0.0158** (0.0312) | - 0.0217 (0.0300) |
| SEX | 0.5535*** (0.0771) | 0.5376 (0.0780) | 0.5131*** (0.0749) |
| MARRY | 0.1039 (0.1016) | 0.0992 (0.1031) | - |
| REALS | 0.00358** (0.00185) | 0.00368** (0.00183) | - |
| INCDROP | 0.0139*** (0.00252) | 0.0138*** (0.00255) | - |
| TRAINPLACE | 0.2173*** (0.0844) | 0.1872** (0.0859) | 0.2152*** (0.0838) |
| DAYTRAIN | - 0.00002 (0.000014) | - | - |
| TRAIN | - | 0.5879*** (0.1328) | 0.5808*** (0.1296) |
| | 990 | 990 | 990 |
| Likelihood Ratio ² | 1,098 (P<0.0048) | 1,079 (P<0.0113) | 1,069 (P<0.0009) |

1) ()

2) : *** : 1% . ** : 5%
 * : 10%

3.

가

가

가

가

가

가

가

, < 25>

DAYTRAIN

(-)

TRAIN 10%

(+) 가

Logit

(+)

< 25>

OLS

| | (1) | (2) |
|----------------|--------------------------|--------------------------|
| INTERCEPT | - 76.2351*** (8.5131) | - 77.4565*** (8.5229) |
| SEX | 44.2738*** (2.24088) | 44.1747*** (2.2402) |
| AGE | 0.6641*** (0.10938) | 0.6812*** (0.1096) |
| EDU | 8.2647*** (0.32578) | 8.2294*** (0.3258) |
| CAR_MON | 0.09063*** (0.01045) | 0.08876*** (0.0105) |
| WORKDAY | 0.83955*** (0.20175) | 0.8447*** (0.2017) |
| MANUFAC | 5.7333** (2.6090) | 5.8469** (2.6082) |
| DAYTRAIN | - 0.00034 (0.00037) | - |
| TRAIN | - | 8.7069* (3.3721) |
| | 6,421 | 6,421 |
| R ² | 0.2081 | 0.2088 |

1) ()

2) : *** : 1%
 ** : 5%
 * : 10%

VI

IMF

가

14),

가

가

< >

(1999), 「 : 1999 가 2000 」, 『 』 12 4 ,

----- (1999), 『 』 ,

, , , (1998), 『 』 ,

, , , , (1998), 『 』 ,

(1999), 『 』

(1998), 「 」, 『 』 , 10

1 , 1998.

(1997), 『 』 , .

(1999a), 「 」 .

----- (1999b), 『 』 12 3

(1998), 「 」 , .

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< 1>

(: , %)

| | 1,000 | 1,000 1,999 | 2,000 2,999 | 3000 3999 | 4,000 4999 | 5,000 | |
|--|------------------|------------------|------------------|----------------|---------------|---------------|-------------------|
| | 254 (22.34) | 403 (35.44) | 282 (24.80) | 118 (10.38) | 30 (2.64) | 50 (4.40) | 1,137 (4.40) |
| | 3,677 (29.18) | 4,243 (33.67) | 2,639 (20.94) | 998 (7.92) | 399 (3.17) | 645 (5.12) | 12,601 (91.72) |

< 2> :

(: , %)

| | | |
|----|-------|-------|
| | | % |
| 40 | 81 | 7.1 |
| 8 | 72 | 6.3 |
| 44 | 71 | 6.2 |
| 20 | 69 | 6.1 |
| 24 | 68 | 6.0 |
| 30 | 66 | 5.8 |
| 10 | 66 | 5.8 |
| 5 | 52 | 4.6 |
| 48 | 48 | 4.2 |
| | 544 | 47.9 |
| | 1,137 | 100.0 |

< 3>

(: , %)

| | | | | : | | | |
|---|---------|-------|-------|-----|-------|-------|-------|
| | | | % | | | % | |
| , | 1, 2 | 364 | 29.0 | | 1, 10 | 320 | 25.0 |
| , | 7,17,18 | 188 | 15.4 | | 2 | 308 | 24.1 |
| | 9,10,22 | 146 | 11.6 | , , | 3 | 62 | 4.8 |
| | | 557 | 44.0 | | | 589 | 46.1 |
| | | 1,255 | 100.0 | | | 1,279 | 100.0 |

< 4>

(: , %)

| | | |
|-----|-------|-------|
| | | % |
| | 317 | 27.97 |
| | 276 | 24.3 |
| | 260 | 22.9 |
| 가 , | 250 | 22.0 |
| | 34 | 2.9 |
| | 1,137 | 100.0 |

< 5>

(: , %)

| | | % |
|---|------|-------|
| 1 | 333 | 8.7 |
| 2 | 5 | 0.1 |
| 3 | 870 | 22.8 |
| 4 | 15 | 0.4 |
| 5 | 62 | 1.6 |
| 6 | 1046 | 27.4 |
| 7 | 485 | 12.7 |
| 8 | 595 | 15.6 |
| 9 | 403 | 10.6 |
| | 3814 | 100.0 |

< 6>

(: , %)

| | | % |
|------|-----|-------|
| 1990 | 3 | 2.2 |
| 1991 | 4 | 2.9 |
| 1992 | 5 | 3.6 |
| 1993 | 18 | 12.9 |
| 1994 | 6 | 4.3 |
| 1995 | 22 | 15.8 |
| 1996 | 22 | 15.8 |
| 1997 | 16 | 11.5 |
| 1998 | 37 | 26.6 |
| | 6 | 4.3 |
| | 139 | 100.0 |

< 7> 1990

(: , %)

| | | % |
|--|-----|-------|
| | 70 | 50.4 |
| | 62 | 44.6 |
| | 7 | 5.0 |
| | 139 | 100.0 |

< 8>

(: , %)

| | | % | | % |
|---|-------|-------|-------|-------|
| 1 | 36 | 0.6 | 36 | 1.0 |
| 2 | 8 | 0.1 | 8 | 0.2 |
| 3 | 1,296 | 23.4 | 1,012 | 27.4 |
| 4 | 23 | 0.4 | 22 | 0.6 |
| 5 | 132 | 2.4 | 82 | 2.2 |
| 6 | 1,653 | 29.8 | 615 | 16.7 |
| 7 | 1,029 | 18.6 | 822 | 22.3 |
| 8 | 1,094 | 19.7 | 863 | 23.4 |
| 9 | 275 | 5.0 | 231 | 6.3 |
| | 5,546 | 100.0 | 3,691 | 100.0 |

< 9>

(: ,

%)

| | () | | () |
|---|--------------|-----|--------------|
| | 96(8.4) | | 445(21.2) |
| / | 73(6.4) | / | 110(5.2) |
| | 32(2.8) | | 89(4.2) |
| | 29(2.6) | | 60(2.9) |
| / | 25(2.2) | | 58(2.8) |
| / | 20(1.8) | | 58(2.8) |
| | 21(1.8) | | 42(2.0) |
| / | 21(1.8) | | 34(1.6) |
| | 17(1.5) | | |
| / | 17(1.5) | CAD | 34(1.6) |
| | 16(1.4) | | 32(1.5) |
| | 16(1.4) | | 29(1.4) |
| | 14(1.2) | | 28(1.3) |
| | 13(1.1) | | 27(1.3) |
| | 11(1.0) | | 25(1.2) |
| | 11(1.0) | | 19(0.9) |
| / | 11(1.0) | | 18(0.9) |
| | 10(0.9) | | 15(0.7) |
| | 684(39.8) | | 14(0.7) |
| | | | 13(0.6) |
| | | | 12(0.6) |
| | | | 11(0.5) |
| | | | 930(44.1) |
| | 1,137(100.0) | | 2,103(100.0) |

< 10>

(: ,

%)

| | 14(6.3) | | 82(9.0) |
|---|------------|---|------------|
| / | 10(4.5) | / | 63(6.9) |
| | 6(2.7) | | 32(3.5) |
| / | 6(2.7) | / | 25(2.7) |
| / | 5(2.2) | | 24(2.6) |
| | 5(2.2) | | 16(1.8) |
| | 5(2.2) | / | 15(1.6) |
| | 5(2.2) | / | 15(1.6) |
| | 4(1.8) | / | 12(1.3) |
| | 4(1.8) | / | 12(1.3) |
| | 4(1.8) | | 11(1.2) |
| | 4(1.8) | | 12(1.3) |
| | 3(1.3) | / | 11(1.2) |
| | 149(66.5) | | 573(64.0) |
| | 224(100.0) | | 913(100.0) |

