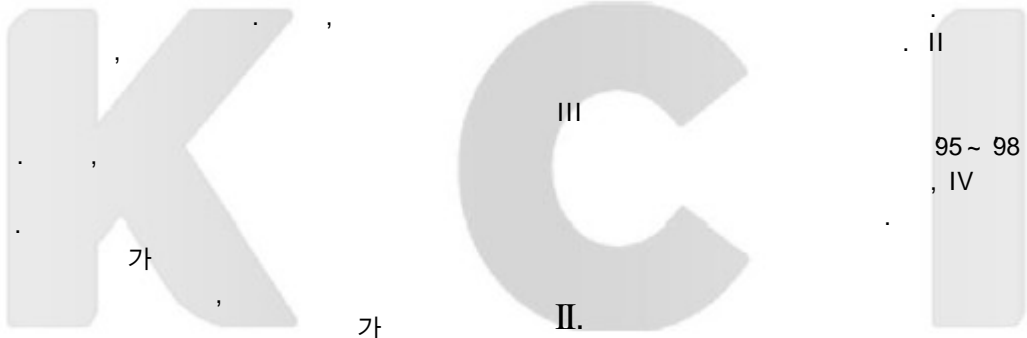


I.

가 CGE (decomposition)
 , 3G
 TDX 1980
 CGE (2000)
 1990 IT (2001)
 (2000)
 가 1990

가 가
 , 1995 1998
 가 가
 가 가
 가

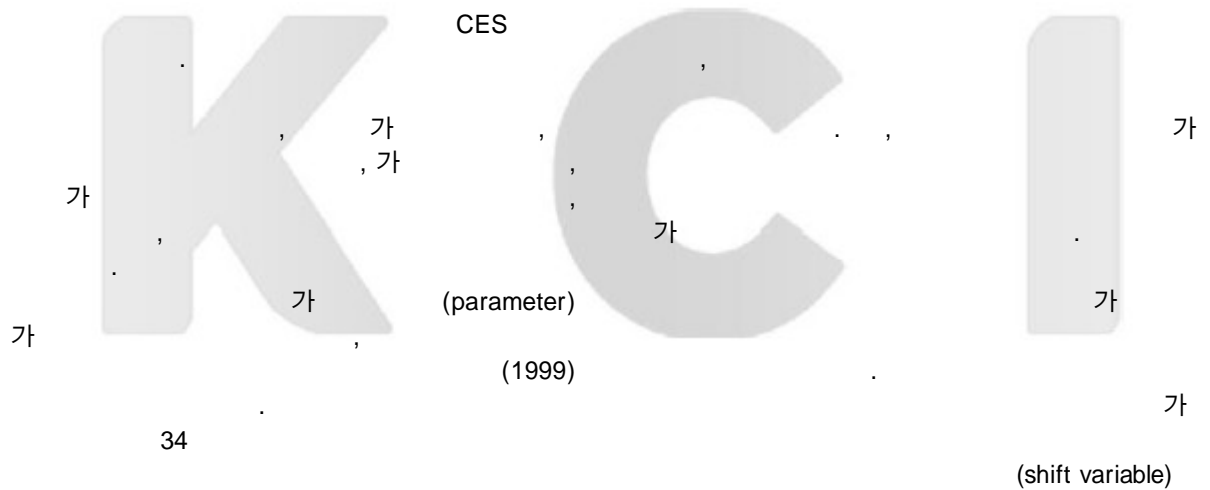


(1998)
 (2002) 가
 (2000b), (2002) (1999),
 (Computable General Equilibrium)
 foundation) (micro
 가 IT
 31.4 27.2
 1995~2002 가 95
 2000 2000 가
 34% 90
 가 1990

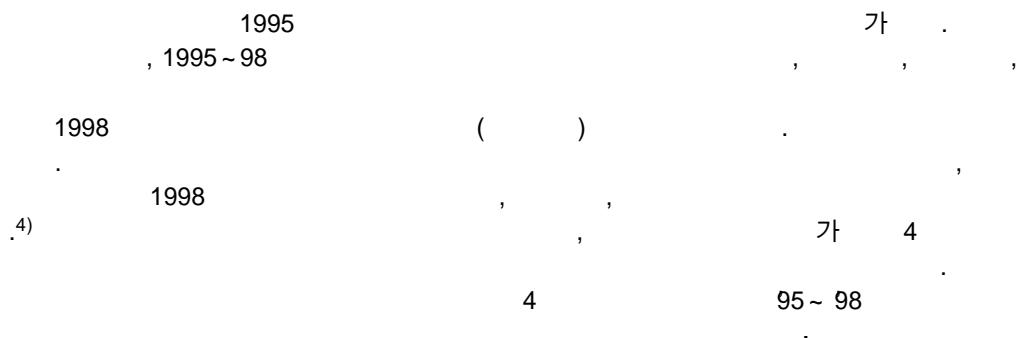
4. 95- 98 (%)

	-8.93	-9.14		2.96
	-61,682,100	-61,191,352		81.43
()	55.8	55.87	()	9.27
()	17.65	17.29	()	33.89
가	17.80	19.93		-2.20
	-4.43	-4.59	가	15.49
()	-17.25	-17.39		-34.89
()	-11.68	-11.77		19.00
	17.76	15.31	-	-
	4.60	4.59		-16.50
	92.51	86.14	-	-
	27.46	31.71	-	-

:



2.



3) Horridge (1993, pp.101-103)
 4) .(2002)

5.

	가		가		()		1995~1998
	1995	1998	1995	1998	1995	1998	
1.	5.97	4.26	65.16	56.04	0.88	0.89	-2.9
2.	0.64	0.50	68.20	71.27	0.06	0.03	-32.95
3.	2.09	2.05	19.40	18.93	1.53	1.72	-4.22
4. 가	2.87	3.39	28.93	32.80	15.07	14.10	-5.52
5.	1.06	0.78	28.47	24.47	0.89	1.26	-12.03
6.	0.86	0.60	39.65	34.85	0.13	0.14	-15.96
7.	0.90	1.16	20.63	17.66	1.81	3.22	-0.64
8.	4.47	4.05	29.07	25.02	9.34	10.47	13.56
9.	1.66	1.34	36.34	35.05	0.45	0.52	-12.39
10. 1	2.63	2.59	21.80	20.81	5.08	9.38	6.57
11.	1.51	1.49	32.17	35.02	2.31	2.02	-6.37
12.	2.85	2.16	29.65	28.62	5.15	6.01	-21.31
13.	1.14	0.92	33.10	27.57	1.90	1.96	-0.76
14.	3.42	3.00	44.60	32.24	17.71	16.70	189.24
15. ,	0.81	1.18	20.22	25.06	5.28	4.46	18.56
16.	0.26	0.34	11.67	11.65	2.94	3.76	52.09
17.	0.34	0.32	28.50	29.27	1.02	1.14	-15.62
18.	3.13	2.85	23.99	26.19	10.88	15.16	-19.8
19. 가	0.78	0.58	35.00	35.13	1.74	1.76	-29.78
20. 가	2.07	2.39	47.89	44.92	0.03	0.02	26.95
21.	8.73	10.08	38.30	46.01	0.05	0.01	-5.27
22.	9.90	7.49	68.48	60.03	1.52	0.00	2.00
23.	1.00	0.00	01.01	00.00	0.00	0.00	0.00
24.	4.68	4.79	49.46	47.86	8.09	0.00	7.21
25.	2.13	2.91	79.95	76.42	0.37	0.52	73.72
26.	0.42	0.37	72.06	68.44	0.00	0.00	18.37
27.	6.54	7.15	70.70	74.60	0.32	0.15	32.73
28.	6.64	8.74	71.80	74.86	0.04	0.02	30.17
29.	4.83	4.84	55.01	55.43	1.02	1.05	-10.92
30.	0.44	0.70	45.30	53.80	0.01	0.03	32.34
31.	4.47	4.65	80.85	82.89	0.00	0.00	9.27
32.	8.53	8.99	73.69	70.52	0.02	0.02	17.14
33.	2.23	2.44	55.65	53.03	0.53	0.53	11.8
34.	0.00	0.00	0.00	0.00	2.97	2.28	-18.35

shock
1998
가

가
가
가 1995

가
가
가
1995~98

9
11
(scalar) 34
8 (vector)
A-1
가 . 3.1.
6 (A) 16
(, 4
5 가 , 34 가) 8
가 , 가가 , , 가 8
4.6% , , 8
, 34 가
17 58.1% 69,207
가 0.3%,
IMF 가 0.72%, 0.29% 가
0.05% 0.29%
가 . 78.3% 가 0.86%,
가 0.22%, 0.1%
가가 '98 2.9% 가 . 가 (B) 8
, 가 가 가
(decomposition) 가 1995 1998 (A) B
3. 가 1995 1998 (%) (B/A)
55,781 ,
0.09% 가
, 1995~98 GDP 6.0%, 가
가 6.8% 가
7.8% . 1995 1998
가가
2.13% 2.91% ,
GDP 가 . 5) (B/A)
, , , ,
가 , 가 , 가 3 가 5
1995~1998 가 . 9.1%
, , 14.5% 가
8가
16

3.2.

5)

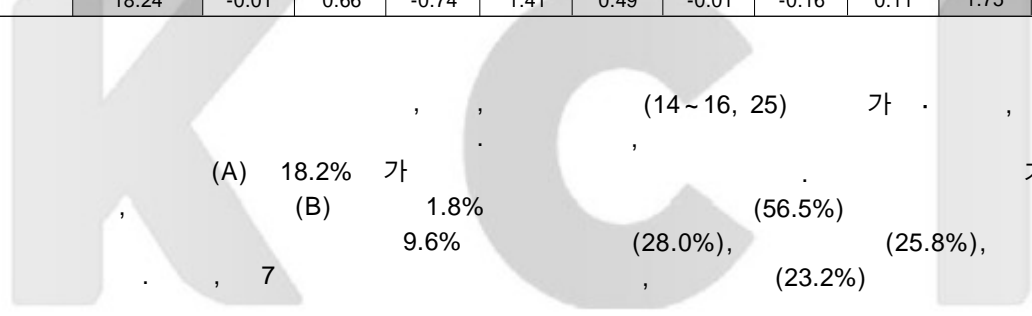
(2002)

6

(primary factor)

6.

	(A)	(14.51)	(134.09)	(152.33)	(58.06)	(78.28)	가 (1.7)	가 (21.5)	가 (108.64)	(B)	(B/A)
()	-61,191,352	601	-563,226	632,141	-69,207	-58,541	747.36	0	1,697	-55,781	0.09
	-9.14	0.26	0	0	0	0	0	0	0	0.26	-2.84
가	49.29	0	0	0	0	0	0	0	0.09	0.09	0.18
GDP	10.25	0	-0.03	0.04	0.15	0.43	0.01	0.03	-0.03	0.60	5.85
가	19.93	0	-0.06	0.07	0.30	0.87	0.03	0	-0.01	1.20	6.02
	-20.00	0	0	0	0	0	0	0.07	-0.07	0	0.00
	31.71	0	0	0.54	-0.06	-0.05	0	0	0	0.43	1.36
	-4.59	-0.01	-0.02	0.02	0.77	0.24	0	0	0	1.00	-21.79
	17.29	0	-0.06	0.07	0.29	0.86	0.03	0	-0.01	1.18	6.82
	86.14	0	0.50	0	0	0	0	0	0	0.50	0.58
()	-11.77	0	0	0.44	-0.05	-0.04	0	0	-0.07	0.28	-2.38
	4.59	0	0.13	-0.15	0.29	0.10	0	-0.03	0.02	0.36	7.84
	6.32	0	0	0	-0.02	0.86	-0.02	-0.01	0	0.81	12.82
()	-17.39	-0.01	-0.02	0.02	0.72	0.22	0	0	0	0.93	-5.35
	55.87	0	0.45	0	0	0	0	-0.11	0	0.34	0.61
	18.24	-0.01	0.66	-0.74	1.41	0.49	-0.01	-0.16	0.11	1.75	9.59



(14 ~ 16, 25) 가 . ,
 (A) 18.2% 가 , 가
 (B) 1.8% (56.5%)
 9.6% (28.0%), (25.8%),
 (23.2%)
 (7) , 가
 = 0'
 6) 가 가 , 가
 가 가 가
 가 가 CES . 가
 7 A 34 8 IV.
 4

6)

7.

	(A)						가	가	가	(B)	(B/A)%
1.	-18.25	0.01	0.01	-0.02	0.62	-0.18	-0.01	0	-0.01	0.42	-2.30
2.	-32.91	0	0.02	-0.02	0.18	-0.27	0	0	0	-0.09	0.27
3.	-15.78	0	-0.01	0.01	0.17	0.07	-0.01	0	0	0.23	-1.46
4. 가	-3.04	0	-0.02	0.02	0.25	0.21	0	0	-0.01	0.45	-14.80
5.	-10.73	0	-0.02	0.03	0.28	0.3	0	0	-0.01	0.58	-5.41
6.	-21.25	0	-0.02	0.02	0.18	0.26	0	0	-0.01	0.43	-2.02
7.	-41.35	0	-0.03	0.03	0.18	0.34	0	0	-0.01	0.51	-1.23
8.	-1.65	0	-0.02	0.02	0.32	0.22	0	0	-0.01	0.53	-32.12
9.	-7.11	0	-0.02	0.02	0.28	0.25	0	0	-0.01	0.52	-7.31
10. 1	-10.75	0	-0.01	0.01	0.17	0.16	0	0	0	0.33	-3.07
11.	-4.01	0	0	0	0.23	0.05	0	0	0	0.28	-6.98
12.	-22.2	0	-0.02	0.02	0.24	0.2	0	0	-0.01	0.43	-1.94
13.	-9.54	-0.01	-0.03	0.03	0.19	0.35	0	0	-0.01	0.52	-5.45
14.	56.45	0	-0.02	0.02	0.31	0.27	0	0	-0.01	0.57	1.01
15. ,	23.16	-0.01	-0.03	0.03	-0.48	0.38	-0.01	0	-0.01	-0.13	-0.56
16.	28.02	-0.02	-0.05	0.06	-0.28	0.68	-0.01	0	-0.01	0.37	1.32
17.	-5.49	-0.02	-0.03	0.04	0.03	0.4	-0.01	0	-0.01	0.4	-7.29
18.	-28.96	0	-0.01	0.01	0.10	0.08	0	0	0	0.18	-0.62
19. 가	-27.68	0	-0.02	0.03	0.29	0.32	0	0	-0.01	0.61	-2.20
20. 가	5.29	0	0	0	0.43	-0.02	0	0	-0.01	0.4	7.56
21.	0	0	0	0	0	0	0	0	0	0	
22.	0	0	0	0	0	0	0	0	0	0	
23.	3.33	-0.01	-0.08	0.09	0.11	1.01	0	0	-0.01	1.11	33.33
24.	-12.72	0	0	0	0.27	-0.04	0	0	0	0.23	-1.81
25.	25.82	-4.03	0	0	-0.48	36.64	-1.35	-0.83	0.11	30.06	116.42
26.	0	0	0	0	0	0	0	0	0	0	
27.	16.23	0	-0.02	0.02	0.11	0.21	0	0	-0.01	0.31	1.91
28.	15.91	0.01	0.02	-0.03	0.6	-0.29	0	0	0	0.31	1.95
29.	-37.54	0	-0.01	0.02	0.43	0.2	0	0	-0.01	0.63	-1.68
30.	-8.36	-0.01	-0.08	0.09	0.08	1.06	0	0	-0.02	1.12	-13.40
31.	-13.95	0	0	0	0.04	-0.03	0	0	0	0.01	-0.07
32.	-6.6	0	0	0	0.08	-0.01	0	0	0	0.07	-1.06
33.	0	0	0	0	0	0	0	0	0	0	
34.	0	0	0	0	0	0	0	0	0	0	

1995 가 (17.3%) 6.8%, 가 (18.24%) 9.6%
 1998 가 (4.6%) 7.8%, 가 (-9.14%)
 가 (58.1%) 가 6.3%

A-1. (' 95 ~ ' 98) (%)

		가	가	가				
1.	12.39	30.3	24.6	7.5	26.46	73.27	31.61	5.01
2.	-39.68	49.9	52.6	9.9	-	-9.04	9.36	-
3.	-9.23	61.3	50.8	31.3	47.41	90.85	42.06	26.83
4. 가	-28.68	52.9	59.0	14.9	-1.35	57.76	40.36	29.75
5.	-27.52	27.4	13.6	26.9	-17.68	145.60	35.17	10.16
6.	-18.42	108.6	21.5	19.9	40.82	83.22	48.31	0.81
7.	37.68	47.5	37.4	107.3	23.59	207.39	107.99	92.35
8.	-7.59	45	18.4	16.4	31.05	91.58	45.50	32.74
9.	-34.42	39.3	32.8	19.9	-4.94	98.36	33.41	5.56
10. 1	-10.54	40.4	34.0	21.1	-	215.54	65.55	-
11.	-24.20	58.8	41.5	18.2	19.75	48.95	50.00	14.44
12.	-27.83	34.7	58.7	11.4	-26.03	92.49	32.25	-4.21
13.	-13.37	44.1	57.7	14.2	48.94	76.60	35.52	21.60
14.	-8.44	30.7	-54.8	-9.0	131.18	61.11	100.83	53.12
15. ,	-23.73	26.9	66.3	-3.7	26.31	38.86	60.50	42.72
16.	41.24	43	24.3	-7.2	-7.72	113.06	53.37	63.08
17.	-5.56	43.5	47.4	16.2	5.47	80.67	13.61	7.40
18.	-18.87	62.5	69.0	2.0	-21.80	126.39	58.50	0.52
19. 가	-26.13	13.7	84.8	9.3	-16.51	70.53	22.04	-7.42
20. 가	8.32	108.6	21.5	22.3	44.74	26.99	86.86	55.26
21.	-27.52	108.6	21.5	-	76.64	-68.76	61.79	18.13
22.	-10.46	108.6	21.5	-	-	34.16	89.14	-
23.	3.97	108.6	21.5	20.1	-14.51	37.14	37.93	30.50
24.	-4.04	108.6	21.5	28.4	77.81	85.13	18.20	35.29
25.	14.51	108.6	21.5	1.7	152.33	134.09	58.06	78.28
26.	6.17	108.6	21.5	-	30.82	68.04	8.79	15.93
27.	-6.47	108.6	21.5	-2.5	24.67	-19.32	-	29.65
28.	8.59	108.6	21.5	15.7	8.26	-21.45	17.08	50.61
29.	4.77	108.6	21.5	41.4	128.47	76.47	21.73	25.14
30.	34.36	108.6	21.5	28.9	29.31	520.81	50.19	70.52
31.	5.14	108.6	0	-	-	-	-	-
32.	5.39	108.6	21.5	17.4	1.06	108.97	-	37.52
33.	-8.13	108.6	21.5	-	25.15	71.60	-55.00	40.28
34.	-	108.6	21.5	-	46.87	30.47	5.00	17.55

가 ,

가

1995 1998
가 가 2003
2000 가
2000 가

CGE

가 가

2001
2001

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”, 8 2 , pp.211-243.
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