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Abstract

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A Study on the Activating Direction of the Fisheries Highschool
in Kyungbuk Province

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Pukyong National University
Fisheries Education*

Abstract

This study focused on how to activate the fisheries highschool in Kyungbuk province, which is located in the southeastern coast of Republic of Korea. To gain this aim efficiently, it contains these kinds of contents in itself:

Primarily, research and analysis of consciousness of people living in the fisheries community of Kyungbuk coast is been engaged in fisheries. Secondly, research and analysis of consciousness of fisheries highschool students. Thirdly, research and analysis of consciousness of neighboring middle school teachers. Finally, searching for reformational measures toward activating fisheries high schools on the whole country.

The data was collected from 735 students, 61 fisheries high school teachers, 94 middle school teachers and 100 fishermen living at the city of Pohang in Kyungbuk Province.

The treatment of materials are classified by genders, grades, subjects (in case of the students), age (in case of the fishermen), level of academic careers (in case of the teachers and fishermen), by teaching careers (in case of the teachers), and by working careers (in case of the fishermen). This research evaluated percentage to the frequency of responses to each question and carried out χ^2 -test and t-test, ANOVA for the benefit of reliability. The statistically significant level accounted for $p < .05$ and made use of SPSS10.0. The conclusion of the study were as follows:

First, the proper view of fisheries should be settled down again. To promote understandings of basic knowledges about maritime affairs and fisheries on the stage of elementary schools and middle schools, proper training and direction for right

vocational education should be practiced. Above all, systematic publicity activities for improving fisheries consciousness had better be further. And placing the responsibility for seashore middle schools on teachers who have majored in the fisheries education will innovate the consciousness of students toward maritime affairs and fisheries.

Second, in order to find a way out of the difficulties of fisheries villages, governmental financial support have to be presented. From the view of fisher folks who are engaged in fisheries, it is showed that economically, culturally, and financially, governmental policy should be devised for the purpose of emerging from backwardness of fisheries villages. To keep up the consistent policy and prevent bureaucracy of fisheries administration can make quality of services in it better. And government is needed to provide the fisheries villages and fisheries high schools with financial supports.

Third, larger portions of economic value should be allocated to fisheries villages by improving fisheries structure. Actually, lower incomes have burdened fisheries villagers with more debts. More years of being engaged in fisheries have resulted in more debts. People in fisheries villages regarded incomes as the most important among factors in their selecting fisheries as a job. If they earned more money in fisheries villages than in metropolises, people on fisheries villages would choose the fisheries as their jobs. Naturally, there will prove to be an increase of number of persons engaged in fisheries. Also, thinking of fisheries as dangerous and heavy should be corrected into the new image by improving work environments and mechanization.

Fourth, in academic and career counseling, diversification of courses after graduation from fisheries high schools must be concentrated on. Realistically, students of fisheries high schools are longing for entering into universities. And teachers in fisheries high schools strongly have insisted that universities should give preferential treatment in case of entrance into admission to universities. Besides, adaptation to practical circumstances of real fisheries business could be achieved through diverse methods of instruction and training.

Fifth, reorganization of specialized highschool systems, changes of titles of schools and reconstruction of departments should be carried out steadily.

Sixth, high morale of fisheries highschool teachers should be revised by various steps. They didn't appear to be proud of their teaching jobs.

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, 1999 () 가
 322,229 1992 가 424,939 102,710 .
 , 1992 가 206,624 , 116,165 , 1999
 72,701 , 98,972 . 64.8%, 14.8% . 1999 ()
 가 9.03%, 가 0.68%, 1988
 가 17.30%, 가 1.26% , 가 8.27%, 가
 0.58% .

1960 , 1970 , 1980 , 1990 .

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 1963 . 1997
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	가		1		2		3		
	6	4	1	22	1	19	2	76	117
가	6	6	2	75(36)	2	50(16)	2	84(39)	209(91)
	6	6	2	67	2	69	2	74	210
	6	6	2	84(14)	2	52(7)	2	83(41)	219(62)
	3	3	1	27(2)	1	30	1	40	97
	3	3	1	38	1	36	1	38	112
	30	28	9	313(52)	9	256(23)	10	395(80)	964(155)

() (2001. 3. 1)

< - 2>

										(%)
1966	29	3	23	16	185	8	·	18	5	·
1967	58	7	32	24	258	9	·	21	6	·
1968	85	4	60	45	359	9	·	21	6	·
1969	103	11	82	43	387	9	·	21	6	·
1970	143	19	102	50	372	9	·	20	7	·
1971	122	16	38	55	342	10	·	21	9	·
1972	116	12	94	94	542	12	·	25	9	·
1973	116	10	71	25	542	12	·	25	9	·
1974	185	6	116	48	659	12	·	26	9	·
1975	230	16	146	50	766	13	·	28	9	·
1976	237	21	147	50	949	16	203/ 237	34	9	90
1977	278	63	133	40	1,109	19	240/ 278	38	9	92
1978	412	86	243	46	1,220	21	365/ 412	42	9	91
1979	386	267	100	103	1,195	21	258/ 396	44	12	76.5
1980	381	157	123	76	1,168	21	258/ 381	44	13	76.5
1981	375	176	199	122	1,206	23	106/ 375	47	13	50.5
1982	381	176	205	113	1,171	23	185/ 381	49	23	59
1983	428	149	279	141	1,314	24	285/ 428	51	44	76
1984	435	188	247	125	1,279	24	260/ 435	51	45	71
1985	420	100	310	137	1,214	24	201/ 420	50	45	57
1986	383	99	241	219	1,172	24	191/ 383	53	44	58
1987	367	70	254	239	1,143	24	202/ 367	53	45	69
1988	359	85	254	239	1,122	24	206/ 359	56	45	71
1989	372	126	246	246	1,111	24	252/ 372	61	45	78

										(%)
1990	351	95	256	256	1,092	24	261/ 351	63	45	78
1991	355	105	250	250	1,081	24	232/ 355	64	43	81
1992	361	157	204	204	1,066	24	209/ 361	64	45	84
1993	344	152	192	173	1,050	24	260/ 344	66	53	88
1994	334	152	182	182	1,081	25	242/ 334	67	54	85
1995	325	157	162	162	1,184	25	251/ 325	68	24	88
1996	372	268	207	113	1,295	29	371/ 372	71	27	·
1997	438	238	81	119	1,332	30	406/ 438	72	28	·
1998	429	235	103	91	1,327	30	448/ 429	66	26	·
1999	425	335	31	59	1,314	30	448/ 425	62	26	·
2000	442	336	106	83	1,087	29	450/ 442	64	26	·
2001	392	260	132	127	889	28	366/ 392	62	41	·

2)

1948 가 1951
가 . 1971 , 1976
· 1983
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, 2001 49 , 4,226
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	가			1		2		3			
	3	3		1	11	1	11	1	10	3	32
	3	3	"	1	12	1	17	1	27	3	56
	3	3	"	1	16	1	16	1	24	3	66
	9	9	"	3	39	3	44	3	61	9	144

(2001. 3. 1)

3)

1954 가 , 1975
· 2001 47 , 4,593
< -4> .

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		1	2	3		1	2	3		1	2	3		
		1	1	1	3	1	1	1	3	1	1	1	3	9
		4	7	3	14	5	12	8	25	11	10	17	38	77
		·	·	·	·	6	14	22	42	15	10	18	43	85
		4	7	3	14	11	26	30	67	26	20	35	81	162

(2001. 3. 1)

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(1988), (1990), (1991) .
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30 , 20 2001 6 18 6 30

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가	가	- 1
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3.

948
735
77.5%
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		20	16	27	26	76	47	123	89
		69	50	65	51	74	67	208	168
	가	70	56	49	36	84	62	203	154
		79	68	52	52	83	55	214	175
		23	21	29	25	39	11	91	57
		38	37	33	29	38	26	109	92
	6	299	248	255	219	394	268	948	735
				62				49	
				19				12	
				81				61	
				20				19	
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81 61 75.3%

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 120 94 78.3% .
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 SPSS10.0 ,
 (frequency), (%), (means), (standard
 deviation), t- , χ^2 , LSD , (ANOVA) .
 5% . t- , LSD , (ANOVA)
 가 * .

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가. 가

1) 가

“가 ?”

< - 1- 1> 716 “ ” 44.8%,

55.2%

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< - 1- 1> 가

N					
	N	(%)	N	(%)	
	274	(45.2)	332	(54.8)	606
	47	(42.7)	63	(57.3)	110
	321	(44.8)	395	(55.2)	716
1	99	(41.1)	142	(58.9)	241
2	100	(45.9)	118	(54.1)	218
3	123	(47.7)	135	(52.3)	258
	322	(44.9)	395	(55.1)	717
	44	(51.2)	42	(48.8)	86
	71	(42.8)	95	(57.2)	166
가	65	(45.1)	79	(54.9)	144
	61	(35.9)	109	(64.1)	170
	25	(43.9)	32	(56.1)	57
	52	(59.8)	35	(40.2)	87
	318	(44.8)	392	(55.2)	710
(: N-)					
p< .05					

54.8%, 57.3% 2.5%

가 , 59.8%,

40.2%

2) 가

< - 1- 2> “ , ? ”

359 “ ”

33.4%, “ ” 31.8%, “ 가 ” 20.6%

“ ” 33.3%, “ ”

31.4%, “ 가 “ 21.4% , ”

” 46.0%, “ ” 22.0%, “ 가 ” 16.0%

가

가

1 “ ” 42.7%, “

” 31.8%, “ 가 ” 11.8% , 2 “

” 31.0%, “ ” 29.3%, “ 가 ” 22.4%, 3 “

” 36.1%, “ 가 ” 26.3%, “ ” 25.6%

< - 1- 2>

	가										N	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	97	(31.4)	103	(33.3)	66	(21.4)	16	(5.2)	27	(8.7)	309	$\chi^2 =$
	23	(46.0)	11	(22.0)	8	(16.0)	2	(4.0)	6	(12.0)	50	5.705
	120	(33.4)	114	(31.8)	74	(20.6)	18	(5.0)	33	(9.2)	359	
1	35	(31.8)	47	(42.7)	13	(11.8)	7	(6.4)	8	(7.3)	110	
2	36	(31.0)	34	(29.3)	26	(22.4)	4	(3.4)	16	(13.8)	116	$\chi^2 =$
3	48	(36.1)	34	(25.6)	35	(26.3)	7	(5.3)	9	(6.8)	133	17.851*
	119	(33.1)	115	(32.0)	74	(20.6)	18	(5.0)	33	(9.2)	359	
	18	(33.3)	17	(31.5)	10	(18.5)	5	(9.3)	4	(7.4)	54	
	20	(25.6)	33	(42.3)	15	(19.2)	3	(3.8)	7	(9.0)	78	
가	29	(38.2)	23	(30.3)	13	(17.1)	2	(2.6)	9	(11.8)	76	$\chi^2 =$
	30	(44.8)	22	(32.8)	7	(10.4)	2	(3.0)	6	(9.0)	67	40.168*
	7	(28.0)	8	(32.0)	4	(16.0)	1	(4.0)	5	(20.0)	25	
	16	(29.1)	10	(18.2)	23	(41.8)	5	(9.1)	1	(1.8)	55	
	120	(33.8)	113	(31.8)	72	(20.3)	18	(5.1)	32	(9.0)	355	

(: N-)

* p<.05

, 가 . “
 ” 가 33.3%, 가 38.2%,
 44.8%, “ ” 42.3%, 32.0%,
 “ 가 ” 41.8% 가 .
 가 “ 가 ”
 .

3) 가

“가 , ?”
 < - 1- 3> 가 “
 ” 27.7%, “ 가 ” 24.2%, “ ” 16.3%
 . “ ” 26.9%, “ 가 ”
 22.9%, “ ” 17.3% . “
 ” 32.4%, “ 가 ” 31.0%, “ ” 15.5%
 . 가 .

가

< -1-3> 가

	가												N	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
	31	(8.2)	101	(26.9)	86	(22.9)	65	(17.3)	21	(5.6)	37	(9.8)	35	(9.3)
	11	(15.5)	23	(32.4)	22	(31.0)	8	(11.3)	3	(4.2)	2	(2.8)	2	(2.8)
	42	(9.4)	124	(27.7)	108	(24.2)	73	(16.3)	24	(5.4)	39	(8.7)	37	(8.3)
1	16	(10.3)	35	(22.4)	38	(24.4)	30	(19.2)	7	(4.5)	14	(9.0)	16	(10.3)
2	13	(9.6)	40	(29.6)	28	(20.7)	18	(13.3)	9	(6.7)	15	(11.1)	12	(8.9)
3	12	(7.7)	49	(31.4)	43	(27.6)	25	(16.0)	8	(5.1)	10	(6.4)	9	(5.8)
	41	(9.2)	124	(27.7)	109	(24.4)	73	(16.3)	24	(5.4)	39	(8.7)	37	(8.3)
	4	(8.2)	11	(22.4)	12	(24.5)	8	(16.3)	5	(10.2)	4	(8.2)	5	(10.2)
	5	(4.9)	32	(31.1)	22	(21.4)	19	(18.4)	7	(6.8)	10	(9.7)	8	(7.8)
가	16	(16.0)	22	(22.0)	27	(27.0)	13	(13.0)	3	(3.0)	8	(8.0)	11	(11.0)
	12	(10.5)	39	(34.2)	30	(26.3)	15	(13.2)	3	(2.6)	10	(8.8)	5	(4.4)
	2	(5.3)	6	(15.8)	7	(18.4)	12	(31.6)	4	(10.5)	3	(7.9)	4	(10.5)
	3	(7.9)	13	(34.2)	10	(26.3)	6	(15.8)	2	(5.3)	4	(10.5)	0	(0.0)
	42	(9.5)	123	(27.8)	108	(24.4)	73	(16.5)	24	(5.4)	39	(8.8)	33	(7.5)

(: N-)

* p<.05

, 1, “ 가 ” 24.4%, “ ” 22.4%, “ ” 19.2%, 2 “ ” 29.6%, “ 가 ” 20.7%, “ ” 13.3% . 3 “ ” 31.4%, “ 가 ” 24.4%, “ ” 16.0% . , “ 가 ” 24.5%, 가 27.0%, “ ” 31.1%, 34.2%, “ ” 34.2%, 31.6% . 가 , .

. 가

1) “ ?“ < - 1-4>

20.9%, 24.0% .

55.5% 가

. , , 가 .

< - 1-4>

N													
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
	22	(3.6)	114	(18.7)	340	(55.8)	106	(17.4)	27	(4.4)	609	$\chi^2 =$	
	4	(3.5)	11	(9.7)	58	(51.3)	37	(32.7)	3	(2.7)	113	16.843 [*]	
	26	(3.6)	125	(17.3)	398	(55.1)	143	(19.8)	30	(4.2)	722		
1	11	(4.5)	56	(22.9)	117	(47.8)	50	(20.4)	11	(4.5)	245	$\chi^2 =$	
2	13	(5.9)	38	(17.3)	124	(56.4)	36	(16.4)	9	(4.1)	220		
3	2	(0.8)	32	(12.4)	157	(60.9)	57	(22.1)	10	(3.9)	258		23.588 [*]
	26	(3.6)	126	(17.4)	398	(55.0)	143	(19.8)	30	(4.1)	723		
가	2	(2.3)	17	(19.3)	52	(59.1)	10	(11.4)	7	(8.0)	88	$\chi^2 =$	
	4	(2.4)	28	(17.1)	90	(54.9)	36	(22.0)	6	(3.7)	164		
	8	(5.3)	20	(13.2)	88	(57.9)	31	(20.4)	5	(3.3)	152		38.674 [*]
	3	(1.8)	21	(12.4)	93	(55.0)	45	(26.6)	7	(4.1)	169		
	2	(3.5)	12	(21.1)	29	(50.9)	11	(19.3)	3	(5.3)	57		
	7	(8.2)	26	(30.6)	41	(48.2)	9	(10.6)	2	(2.4)	85		
	26	(3.6)	124	(17.3)	393	(55.0)	142	(19.9)	30	(4.2)	715		
(: N-)												[*] p<.05	

2) “ ?” <

- 1-5> “ ” 34.6% , “ ” 19.6%, “

” 19.6%, “ ” 11.4% . “

” 32.7%, “ ” 21.1%, “ ” 19.5% ,
 “ ” 43.6%, “ ” 20.0%, “ ”
 19.6% . “ ” 가
 . , , 가 .
 31.6%, 39.7%, 가 33.8%,
 41.0% “ ” 가 가 , “
 ” 37.0%, “ ” 35.0% 가 가 .
 “ ” ,
 , Human error .

< - 1-5>

N														
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	31	(12.4)	82	(32.7)	49	(19.5)	53	(21.1)	14	(5.6)	22	(8.8)	251	$\chi^2 =$ 6.775
	4	(7.3)	24	(43.6)	11	(20.0)	7	(12.7)	6	(10.9)	3	(5.5)	55	
	35	(11.4)	106	(34.6)	60	(19.6)	60	(19.6)	20	(6.5)	25	(8.2)	306	
1	11	(10.5)	34	(32.4)	25	(23.8)	21	(20.0)	6	(5.7)	8	(7.6)	105	$\chi^2 =$ 4.243
2	11	(12.4)	35	(39.3)	15	(16.9)	17	(19.1)	4	(4.5)	7	(7.9)	89	
3	12	(10.8)	37	(33.3)	20	(18.0)	22	(19.8)	10	(9.0)	10	(9.0)	111	
	34	(11.1)	106	(34.8)	60	(19.7)	60	(19.7)	20	(6.6)	25	(8.2)	305	
가	5	(13.2)	12	(31.6)	7	(18.4)	11	(28.9)	3	(7.9)	0	(0.0)	38	$\chi^2 =$ 36.036
	3	(4.8)	25	(39.7)	11	(17.5)	15	(23.8)	3	(4.8)	6	(9.50)	63	
	15	(19.5)	26	(33.8)	13	(16.9)	7	(9.1)	6	(7.8)	10	(13.0)	77	
	8	(10.3)	32	(41.0)	18	(23.1)	12	(15.4)	4	(5.1)	4	(5.1)	78	
	3	(11.1)	5	(18.5)	3	(11.1)	10	(37.0)	3	(11.1)	3	(11.1)	27	
	1	(5.0)	5	(25.0)	7	(35.0)	4	(20.0)	1	(5.0)	2	(10.0)	20	
	35	(11.6)	105	(34.7)	59	(19.5)	59	(19.5)	20	(6.6)	25	(8.3)	303	
(: N-)														

·

1) “ ” 37.1%, “ ” 18.2%, “ ” 15.4%, “ ” 14.7% . , , 가 .

가 , . , , 가 .

< - 1-6>

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	101	(16.5)	106	(17.3)	100	(16.3)	217	(35.5)	88	(14.4)	$\chi^2 =$
	5	(4.6)	25	(23.1)	11	(10.2)	50	(46.3)	17	(15.7)	15.785*
	106	(14.7)	131	(18.2)	111	(15.4)	267	(37.1)	105	(14.6)	720
1	38	(15.5)	40	(16.3)	50	(20.4)	87	(35.5)	30	(12.2)	245
2	29	(13.1)	36	(16.3)	38	(17.2)	77	(34.8)	41	(18.6)	$\chi^2 =$
3	38	(14.9)	56	(22.0)	24	(9.4)	103	(40.4)	34	(13.3)	18.454*
	105	(14.6)	132	(18.3)	112	(15.5)	267	(37.0)	105	(14.6)	721
	13	(14.9)	13	(14.9)	20	(23.0)	25	(28.7)	16	(18.4)	87
	27	(16.5)	30	(18.3)	25	(15.2)	69	(42.1)	13	(7.9)	164
가	13	(8.6)	33	(21.7)	19	(12.5)	52	(34.2)	35	(23.0)	$\chi^2 =$
	11	(6.6)	33	(19.8)	17	(10.2)	89	(53.3)	7	(10.2)	96.627*
	11	(19.3)	10	(17.5)	11	(19.3)	12	(21.1)	13	(22.8)	57
	31	(36.0)	12	(14.0)	18	(20.9)	17	(19.8)	8	(9.3)	86
	106	(14.9)	131	(18.4)	110	(15.4)	264	(37.0)	92	(14.3)	713

(: N-) * p < .05

52.5% , 가 32.9%
 “ ” 36.0%,
 19.3% .

2)

“
 ?” < - 1-7> . “ ”
 58.3% 가 , “ ”, “ ”
 23.9%, “ ”, “ ” 17.8%
 가 .
 , 가

< - 1-7>

N												
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	38	(6.2)	122	(20.0)	347	(57.0)	77	(2.6)	25	(4.1)	609	$\chi^2 =$
	1	(0.9)	11	(10.1)	72	(65.5)	23	(20.9)	3	(2.7)	110	16.130*
	39	(5.4)	133	(18.5)	419	(58.3)	100	(13.9)	28	(3.9)	719	
1	14	(5.7)	53	(21.7)	141	(57.8)	26	(10.7)	10	(4.1)	244	$\chi^2 =$
2	15	(6.8)	35	(15.8)	128	(57.9)	32	(14.5)	11	(5.0)	221	9.931
3	9	(3.5)	45	(17.6)	151	(59.2)	43	(16.9)	7	(2.7)	255	
	38	(5.3)	133	(18.5)	420	(58.3)	101	(14.0)	28	(3.9)	720	
	11	(12.8)	17	(19.8)	40	(46.5)	13	(15.1)	5	(5.8)	86	
	9	(5.5)	35	(21.2)	92	(55.8)	21	(12.7)	8	(4.8)	165	
가	6	(3.9)	28	(18.4)	93	(61.2)	23	(15.1)	2	(1.3)	152	$\chi^2 =$
	5	(3.0)	27	(16.2)	104	(62.3)	25	(15.0)	6	(3.6)	167	26.607
	0	(0.0)	9	(16.1)	37	(66.1)	8	(14.3)	2	(3.6)	56	
	8	(9.3)	13	(15.1)	52	(60.5)	10	(11.6)	3	(3.5)	86	
	39	(5.5)	129	(18.1)	418	(58.7)	100	(14.0)	26	(3.7)	712	

(:N -)

* p< .05

3)

“ 가
?” < - 1-8> “ 가 ” 25.0%, “
” 14.8%, “ ” 13.0% . 가 .
.

< - 1-8>

가															N	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
	88	(14.5)	72	(11.9)	159	(26.3)	39	(6.4)	38	(6.3)	84	(13.9)	37	(6.1)	41	(6.8)
	16	(14.8)	9	(8.3)	27	(25.0)	7	(6.5)	12	(11.1)	9	(8.3)	6	(5.6)	11	(10.2)
	104	(14.6)	81	(11.4)	186	(26.1)	46	(6.5)	50	(7.0)	93	(13.0)	43	(6.0)	52	(7.3)
1	40	(16.5)	29	(12.0)	65	(26.9)	14	(5.8)	19	(7.9)	28	(11.6)	12	(5.0)	17	(7.0)
2	25	(11.4)	29	(13.2)	58	(26.4)	19	(8.6)	11	(5.0)	32	(14.5)	11	(5.0)	17	(7.7)
3	39	(15.5)	23	(9.1)	63	(25.0)	13	(5.2)	20	(7.9)	33	(13.1)	19	(7.5)	18	(7.1)
	104	(14.6)	81	(11.3)	186	(26.1)	46	(6.4)	50	(7.0)	93	(13.0)	42	(5.9)	52	(7.3)
	11	(12.9)	9	(10.6)	19	(22.4)	5	(5.9)	6	(7.1)	14	(16.5)	9	(10.6)	3	(3.5)
	24	(14.7)	22	(13.5)	41	(25.2)	8	(4.9)	10	(6.1)	32	(19.6)	9	(5.5)	9	(5.5)
가	29	(19.1)	20	(13.2)	32	(21.1)	12	(7.9)	6	(3.9)	13	(8.6)	9	(5.9)	12	(7.9)
	14	(8.4)	10	(6.0)	53	(31.7)	12	(7.2)	21	(12.6)	17	(10.2)	12	(7.2)	17	(10.2)
	4	(7.1)	9	(16.1)	20	(35.7)	4	(7.1)	3	(5.4)	6	(10.7)	0	(0.0)	6	(10.7)
	21	(25.3)	10	(12.0)	21	(25.3)	5	(6.0)	4	(4.8)	11	(13.3)	2	(2.4)	4	(4.8)
	103	(14.6)	80	(11.3)	186	(26.3)	46	(6.5)	50	(7.1)	93	(13.2)	41	(5.8)	51	(7.2)

(: N-)

* p<.05

1)

“ ?”
< - 1-9>
“ ” 14.1%, “ ” 85.9%

TV						
가						
가						
< - 1-9>						
N						
	N	(%)	N	(%)		
	94	(15.4)	517	(84.6)	611	$\chi^2=$
	8	(7.1)	105	(92.9)	113	5.434*
	102	(14.1)	622	(85.9)	724	
1	38	(15.4)	208	(84.6)	246	
2	35	(15.8)	187	(84.2)	222	$\chi^2=$
3	28	(10.9)	229	(89.1)	257	3.071
	101	(13.9)	624	(86.1)	725	
	12	(13.8)	75	(86.2)	87	
	25	(15.2)	139	(84.8)	164	
가	12	(7.8)	142	(92.2)	154	$\chi^2=$
	22	(13.0)	147	(87.0)	169	14.781*
	9	(15.8)	48	(84.2)	57	
	22	(25.6)	64	(74.4)	86	
	102	(14.2)	615	(85.8)	717	

(: N-)

*p<.05

2)

“ ?”

< - 1- 10> “TV ”

40.6%, “ 14.3% “

” 11.6%, “ ” 10.8%

가

< - 1- 10>

TV, , , 가 , , N														
CD														
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
	219	(41.0)	75	(14.0)	60	(11.2)	19	(3.6)	22	(4.1)	62	(11.6)	7	(1.3)
	33	(37.9)	14	(16.1)	7	(8.0)	2	(2.3)	5	(5.7)	10	(11.5)	1	(1.1)
	252	(40.6)	89	(14.3)	67	(10.8)	21	(3.4)	27	(4.3)	72	(11.6)	8	(1.3)
1	91	(42.3)	32	(14.9)	26	(12.1)	6	(2.8)	7	(3.3)	17	(7.9)	4	(1.9)
2	64	(34.2)	25	(13.4)	23	(12.3)	8	(4.3)	14	(7.5)	24	(12.8)	3	(1.6)
3	97	(44.3)	32	(14.6)	17	(7.8)	7	(3.2)	7	(3.2)	31	(14.2)	1	(0.5)
	252	(40.6)	89	(14.3)	66	(10.6)	21	(3.4)	28	(4.5)	72	(11.6)	8	(1.3)
가	25	(31.6)	9	(11.4)	9	(11.4)	2	(2.5)	4	(5.1)	14	(17.7)	2	(2.5)
	63	(45.0)	15	(10.7)	16	(11.4)	11	(7.9)	4	(2.9)	12	(8.6)	1	(0.7)
	51	(39.5)	22	(17.1)	9	(7.0)	2	(1.6)	8	(6.2)	16	(12.4)	1	(0.8)
	55	(39.9)	25	(18.1)	16	(11.6)	4	(2.9)	8	(5.8)	13	(9.4)	1	(0.7)
	23	(44.2)	7	(13.5)	4	(7.7)	1	(1.9)	1	(1.9)	8	(15.4)	1	(1.9)
	32	(42.7)	10	(13.3)	13	(17.3)	1	(1.3)	3	(4.0)	7	(9.3)	1	(1.3)
	249	(40.6)	88	(14.4)	67	(10.9)	21	(3.4)	28	(4.6)	70	(11.4)	7	(1.1)

(: N-)

(: N-)

3)

“ 가 ?”

< - 1- 11> “ ” 52.3%, “

” 26.1% , “ ”

10.4%, “ 가 가 ” 6.5%

가 .

< - 1- 11>

	가 가										N	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	311	(52.0)	160	(26.8)	40	(6.7)	63	(10.5)	24	(4.0)	598	$\chi^2=$ 5.820
	60	(53.6)	25	(22.3)	6	(6.4)	11	(9.8)	10	(8.9)	112	
	371	(52.3)	185	(26.1)	46	(6.5)	74	(10.4)	34	(4.8)	710	
1	135	(55.3)	67	(27.5)	13	(5.3)	23	(9.4)	6	(2.5)	244	$\chi^2=$ 14.367
2	119	(55.1)	48	(22.2)	15	(6.9)	26	(12.0)	8	(3.7)	216	
3	117	(46.6)	71	(28.3)	18	(7.2)	25	(10.0)	20	(8.0)	251	
	371	(52.2)	186	(26.2)	46	(6.5)	74	(10.4)	34	(4.8)	711	
가	38	(44.7)	23	(27.1)	9	(10.6)	8	(9.4)	7	(8.2)	85	$\chi^2=$ 35.668 [*]
	83	(51.9)	47	(29.4)	7	(4.4)	17	(10.6)	6	(3.8)	160	
	82	(53.6)	33	(21.6)	7	(4.6)	19	(12.4)	12	(7.8)	153	
	86	(51.5)	40	(24.0)	10	(6.0)	25	(15.0)	6	(3.6)	167	
	31	(56.4)	13	(23.6)	8	(14.5)	2	(3.6)	1	(1.8)	55	
	46	(55.4)	29	(34.9)	4	(4.8)	3	(3.6)	1	(1.2)	83	
	366	(52.1)	185	(26.3)	45	(6.4)	74	(10.4)	33	(4.7)	703	

(: N-)

^{*} p< .05

·

1) “ ?”

< - 1- 12> “ ” 65.8%, “ ” 34.2%

· , , 65%

, 가 가 .

가 .

76.0%, 50.0% .

가

· ,

,

,

가 .

< - 1- 12>

	N					
	N	(%)	N	(%)		
	383	(64.3)	213	(35.7)	596	$\chi^2 =$
	84	(73.7)	30	(26.3)	114	3.774
	467	(65.8)	243	(34.2)	710	
1	162	(65.6)	85	(34.4)	247	$\chi^2 =$
2	137	(66.5)	69	(33.5)	206	
3	170	(65.9)	88	(34.1)	258	
	469	(66.0)	242	(34.0)	711	0.043
가	41	(50.0)	41	(50.0)	82	$\chi^2 =$
	105	(65.2)	56	(34.8)	161	
	101	(67.3)	49	(32.7)	150	
	127	(76.0)	40	(24.0)	167	
	32	(59.3)	22	(40.7)	54	
	56	(62.9)	33	(37.1)	89	
	462	(65.7)	241	(34.3)	703	

(: N=)

* p<.05

2) “ ?” < - 1- 13>

69.2%, 30.8% .

< - 1- 13>

		N				
		N	(%)	N	(%)	
		402	(67.7)	192	(32.3)	$\chi^2 =$
		88	(77.2)	26	(22.8)	4.064*
		490	(69.2)	218	(30.8)	708
1		169	(69.0)	76	(31.0)	245
2		137	(66.5)	69	(33.5)	206
3		186	(72.1)	72	(27.9)	258
		492	(69.4)	217	(30.6)	709
		44	(54.3)	37	(45.7)	81
		115	(71.9)	45	(28.1)	160
가		104	(69.3)	46	(30.7)	150
		128	(77.1)	38	(22.9)	166
		28	(50.9)	27	(49.1)	55
		66	(74.1)	23	(25.8)	89
		485	(69.2)	216	(30.8)	701

(: N-)

*p<.05

가 .

, 가 .

, , 가

.

3)

“

?”

< - 1- 14>

“ ” 31.2%, “ ” 21.8%, “ ”

47.1%

, 가

. , , 가 .

. , , ,

< - 1- 14>

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	71	(11.9)	120	(20.0)	284	(47.4)	62	(10.4)	62	(10.4)	$\chi^2 =$
	8	(7.0)	23	(20.2)	52	(45.6)	17	(14.9)	14	(12.3)	4.221
	79	(11.1)	143	(20.1)	336	(47.1)	79	(11.1)	76	(10.7)	713
1	25	(10.1)	49	(19.8)	115	(46.6)	22	(8.9)	36	(14.6)	247
2	22	(10.7)	40	(19.4)	96	(46.6)	26	(12.6)	22	(10.7)	$\chi^2 =$
3	31	(11.9)	54	(20.7)	127	(48.7)	31	(11.9)	18	(6.9)	9.301
	78	(10.9)	143	(20.0)	338	(47.3)	79	(11.1)	76	(10.6)	714
	6	(7.3)	13	(15.9)	47	(57.3)	8	(9.8)	8	(9.8)	82
	15	(9.3)	43	(26.7)	73	(45.3)	18	(11.2)	12	(7.5)	161
가	13	(8.6)	29	(19.2)	74	(49.0)	18	(11.9)	17	(11.3)	$\chi^2 =$
	20	(11.9)	32	(19.0)	72	(42.9)	21	(12.5)	23	(13.7)	22.275
	6	(10.9)	8	(14.5)	28	(50.9)	5	(9.1)	8	(14.5)	55
	17	(19.1)	16	(18.0)	42	(47.2)	8	(9.0)	6	(6.7)	89
	77	(10.9)	141	(20.0)	336	(47.6)	78	(11.0)	74	(10.5)	706

(:N-)

1)

“

가

?”

< - 1- 15>

“

” 34.2%, “

” 34.0%

. , ,

가 .

,

가

.

< - 1- 15>

	가										N	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	54	(9.1)	210	(35.2)	198	(33.2)	42	(7.0)	92	(15.4)	596	$\chi^2 =$
	8	(7.1)	32	(28.6)	43	(38.4)	3	(2.7)	26	(23.2)	112	8.614
	62	(8.8)	242	(34.2)	241	(34.0)	45	(6.4)	118	(16.7)	708	
1	24	(9.8)	85	(34.6)	78	(31.7)	10	(4.1)	49	(19.9)	246	
2	20	(9.8)	78	(38.0)	64	(31.2)	13	(6.3)	30	(14.6)	205	$\chi^2 =$
3	18	(7.0)	79	(30.6)	99	(38.4)	22	(8.5)	40	(15.5)	258	11.821
	62	(8.7)	242	(34.1)	241	(34.0)	45	(9.3)	119	(16.8)	709	
가	7	(8.5)	33	(40.2)	19	(23.2)	6	(7.3)	17	(20.7)	82	
	12	(7.5)	55	(34.6)	55	(34.6)	17	(10.7)	20	(12.6)	159	
	13	(8.7)	40	(26.8)	57	(38.3)	6	(4.0)	33	(22.1)	149	$\chi^2 =$
	12	(7.2)	60	(35.9)	55	(32.9)	7	(4.2)	33	(19.8)	167	31.116
	7	(12.7)	22	(40.0)	17	(30.9)	4	(7.3)	5	(9.1)	55	
	9	(10.1)	33	(37.1)	36	(40.4)	4	(4.5)	7	(7.9)	89	
	60	(8.6)	243	(34.7)	239	(34.1)	44	(6.3)	115	(16.4)	701	

(:N-)

2)

“

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< - 1- 16>

“

” 37.5%, “

” 3.9%, “

” 21.8%

.

가

,

“

” 39.5%, “

” 30.3%, “

” 21.5%

,

“

” 34.2%, “

” 27.0%, “

” 23.4%

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< - 1- 16>

가												N
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	180	(30.3)	128	(21.5)	235	(39.5)	34	(5.7)	18	(3.0)	595	$\chi^2 =$
	38	(34.2)	26	(23.4)	30	(27.0)	6	(5.4)	11	(9.9)	111	15.322*
	218	(30.9)	154	(21.8)	265	(37.5)	40	(5.7)	29	(4.1)	706	
1	72	(29.5)	48	(19.7)	102	(41.8)	12	(4.9)	10	(4.1)	244	
2	62	(30.2)	44	(21.5)	76	(37.1)	16	(7.8)	7	(3.4)	205	$\chi^2 =$
3	84	(32.6)	62	(24.0)	87	(33.7)	13	(5.0)	12	(4.7)	258	6.149
	218	(30.8)	154	(21.8)	265	(37.5)	41	(5.8)	29	(4.1)	707	
	27	(32.9)	13	(15.9)	28	(34.1)	8	(9.8)	6	(7.3)	82	
	48	(30.0)	31	(19.4)	69	(43.1)	8	(5.0)	4	(2.5)	160	
가	48	(32.7)	31	(21.1)	47	(32.0)	9	(6.1)	12	(8.2)	147	$\chi^2 =$
	51	(30.5)	36	(21.6)	66	(39.5)	10	(6.0)	4	(2.4)	167	30.208
	15	(27.3)	20	(36.4)	18	(32.7)	2	(3.6)	0	(0.0)	55	
	28	(31.8)	20	(22.7)	36	(40.9)	3	(3.4)	1	(1.1)	88	
	217	(31.0)	151	(21.6)	264	(37.8)	40	(5.7)	27	(3.9)	699	

(: N-)

* p < .05

(: N-)

* p<.05

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1)

가 14

< - 1- 17> .

< - 1- 17>

(2.40),

(2.05),

(2.43) ,

· ,

, 가 , 가 ,

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, ·

가

< - 1- 17>

						SD
	(1)	(2)	(3)	(4)		
1.	57(8.0)	367(51.6)	230(32.3)	57(1.7)	2.40	0.75
2	126(17.7)	451(63.5)	115(16.2)	18(2.5)	2.04	0.66
3.	42(6.0)	171(24.3)	416(59.1)	75(10.7)	2.74	0.72
4.	124(17.4)	429(60.3)	133(18.7)	25(3.6)	2.08	0.70
5.가	84(11.8)	304(42.8)	273(38.5)	49(6.9)	2.40	0.79
6.가	68(9.4)	377(51.9)	263(36.2)	19(2.6)	2.32	0.68
7.	90(12.4)	378(52.2)	226(31.2)	30(4.1)	2.27	0.73
8.	84(11.7)	344(47.7)	260(36.1)	33(4.6)	2.34	0.74
9.	32(4.5)	250(34.8)	383(53.3)	54(7.5)	2.64	0.69
10.	94(13.0)	322(44.5)	273(37.8)	34(4.7)	2.34	0.76
11.가	42(5.8)	346(48.0)	298(41.3)	35(4.9)	2.45	0.68
12.	131(18.2)	451(62.6)	111(15.4)	28(3.9)	2.05	0.70
13.가	75(10.4)	358(49.5)	260(36.0)	3.0(4.1)	2.34	0.72
14.	56(7.7)	355(49.1)	256(35.4)	56(7.7)	2.43	0.75

< - 1- 18> , “

.”, “
가 .”, “
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가

< - 1- 10> .

LSD “.” 2
3 가 , “ 가 .” 1
3 가 . 가

< - 1- 20> . LSD

1, 4, 5, 6, 8, 11, 12, 14 가 .

2, 3, 7, 9, 13

< - 1- 18>

							SD	t	
		(1)	(2)	(3)	(4)				
1.		50(7.0)	316(44.4)	186(26.2)	45(6.3)	2.38	0.74	- 2.047	0.041 ⁺
		7(1.0)	51(7.2)	44(6.2)	12(1.7)	2.54	0.77		
		57(8.0)	367(51.6)	230(32.3)	57(8.0)	2.40	0.75		
2.		106(14.9)	374(52.7)	102(14.4)	14(2.0)	2.04	0.66	0.464	0.643
		20(2.8)	77(10.8)	13(1.8)	4(0.6)	2.01	0.66		
		126(17.7)	451(63.5)	115(16.2)	18(2.5)	2.04	0.66		
3.		33(4.7)	144(20.5)	356(50.6)	60(8.5)	2.75	0.71	0.231	0.817
		9(1.3)	27(3.8)	60(8.5)	15(2.1)	2.73	0.80		
		42(6.0)	171(24.3)	416(59.1)	75(10.7)	2.74	0.72		
4.		107(15.0)	356(50.1)	112(15.8)	23(3.2)	2.09	0.72	0.200	0.841
		17(2.4)	73(10.3)	21(3.0)	2(0.3)	2.07	0.64		
		124(17.4)	429(60.3)	133(18.7)	25(3.6)	2.08	0.70		
5.가		65(9.2)	240(33.8)	248(34.9)	44(6.2)	2.45	0.78	4.064	0.000 ⁺
		19(2.7)	64(9.0)	25(3.5)	5(0.7)	2.14	0.74		
		84(11.8)	304(42.8)	273(38.5)	49(6.9)	2.40	0.79		
6.가		60(8.3)	303(41.7)	236(32.5)	16(2.2)	2.34	0.69	1.796	0.074
		8(1.1)	74(10.2)	27(3.7)	3(0.4)	2.22	0.61		
		68(9.4)	377(51.9)	263(36.2)	19(2.6)	2.32	0.68		
7.		76(10.5)	318(43.9)	192(26.5)	27(3.7)	2.28	0.73	0.574	0.566
		14(1.9)	60(8.3)	34(4.7)	3(0.4)	2.23	0.70		
		90(12.4)	378(52.2)	226(31.2)	30(4.1)	2.27	0.73		
8.		76(10.5)	283(39.3)	224(31.1)	28(3.9)	2.28	0.73	- 0.151	0.880
		8(1.1)	61(8.5)	36(5.0)	5(0.7)	2.35	0.68		
		84(11.7)	344(47.7)	260(36.1)	33(4.6)	2.34	0.74		
9.		29(4.0)	209(29.1)	326(45.3)	44(6.1)	2.28	0.73	- 0.472	0.637
		3(0.4)	41(5.7)	57(7.9)	10(1.4)	2.67	0.68		
		32(4.5)	250(34.8)	383(53.3)	54(7.5)	2.64	0.69		
10.		79(10.9)	262(36.2)	242(33.5)	28(3.9)	2.28	0.73	1.386	0.166
		15(2.1)	60(8.3)	31(4.3)	6(0.8)	2.25	0.75		
		94(13.0)	322(44.5)	273(37.8)	34(4.7)	2.34	0.76		
11.가		37(5.1)	304(42.2)	243(33.7)	26(3.6)	2.28	0.73	- 2.716	0.007 ⁺
		5(0.7)	42(5.8)	55(7.6)	9(1.2)	2.61	0.70		
		42(5.8)	346(48.0)	298(41.3)	35(4.9)	2.45	0.68		
12.		119(16.5)	371(51.5)	96(13.3)	24(3.3)	2.28	0.73	- 0.805	0.421
		12(1.7)	80(11.1)	15(2.1)	4(0.6)	2.10	0.62		
		131(18.2)	451(62.6)	111(15.4)	28(3.9)	2.05	0.70		
13.가		64(8.9)	296(40.9)	224(31.0)	27(3.7)	2.28	0.73	0.996	0.320
		11(1.5)	62(8.6)	36(5.0)	3(0.4)	2.28	0.67		
		75(10.4)	358(49.5)	260(36.0)	3.0(4.1)	2.34	0.72		
14.		51(7.1)	303(41.9)	211(29.2)	47(6.5)	2.28	0.73	- 1.398	0.162
		5(0.7)	52(7.2)	45(6.2)	9(1.2)	2.52	0.71		
		56(7.7)	355(49.1)	256(35.4)	56(7.7)	2.43	0.75		

< - 1- 19>

			SD	F		LSD		
						1	2	3
1.	1	2.41	0.77	0.246	0.782			
	2	2.43	0.72					
	3	2.38	0.75					
		2.41	0.75					
2.	1	2.02	0.62	1.848	0.158			
	2	1.98	0.67					
	3	2.09	0.69					
		2.04	0.66					
3.	1	2.74	0.72	0.015	0.985			
	2	2.76	0.69					
	3	2.75	0.76					
		2.75	0.72					
4.	1	2.05	0.68	0.454	0.635			
	2	2.10	0.68					
	3	2.10	0.75					
		2.08	0.70					
5. 가	1	2.42	0.79	0.283	0.754			
	2	2.42	0.76					
	3	2.37	0.80					
		2.40	0.78					
6. 가	1	2.26	0.68	1.697	0.184			
	2	2.33	0.69					
	3	2.37	0.66					
		2.32	0.67					
7.	1	2.25	0.70	1.207	0.300			
	2	2.33	0.74					
	3	2.24	0.74					
		2.27	0.73					
8.	1	2.32	0.76	2.555	0.078			
	2	2.27	0.74					
	3	2.42	0.71				*	
		2.34	0.74					
9.	1	2.60	0.70	1.118	0.328			
	2	2.69	0.66					
	3	2.64	0.69					
		2.64	0.68					
10.	1	2.31	0.79	0.319	0.727			
	2	2.37	0.75					
	3	2.35	0.75					
		2.34	0.76					
11. 가	1	2.38	0.65	2.395	0.092			
	2	2.49	0.68					
	3	2.49	0.70			*		
		2.45	0.68					
12.	1	2.00	0.73	0.784	0.457			
	2	2.08	0.68					
	3	2.07	0.68					
		2.05	0.70					
13. 가	1	2.32	0.70	1.140	0.320			
	2	2.30	0.73					
	3	2.39	0.71					
		2.34	0.72					
14.	1	2.41	0.73	0.450	0.638			
	2	2.47	0.75					
	3	2.41	0.76					
		2.43	0.75					

< - 1- 20>

			SD	F		LSD					
						1	2	3	4	5	6
1.		2.40	0.66	5.547	0.000 [*]						
		2.34	0.73								
		2.44	0.69								
		2.58	0.82				*				
		2.45	0.77								
		2.09	0.73			*	*	*	*	*	
		2.40	0.75								
2.		2.12	0.76	0.983	0.427						
		2.02	0.60								
		2.09	0.68								
		1.96	0.66								
		2.07	0.60								
		2.02	0.67								
		2.04	0.66								
3.		2.74	0.77	0.171	0.973						
		2.71	0.74								
		2.74	0.71								
		2.78	0.74								
		2.76	0.75								
		2.72	0.62								
		2.74	0.72								
4.		2.29	0.78	5.505	0.000 [*]						
		2.08	0.67			*					
		2.08	0.66			*					
		2.06	0.70			*					
		2.33	0.75				*	*	*	*	
		1.82	0.63			*	*	*	*	*	
		2.09	0.70								
5. 가		2.45	0.85	2.117	0.062						
		2.49	0.73								
		2.26	0.80				*				
		2.41	0.78								
		2.29	0.81								
		2.52	0.76					*			
		2.41	0.78								
6. 가		2.46	0.72	1.114	0.351						
		2.30	0.70								
		2.25	0.65			*					
		2.31	0.64								
		2.33	0.74								
		2.33	0.67								
		2.32	0.68								
7.		2.35	0.83	0.867	0.503						
		2.26	0.74								
		2.29	0.76								
		2.22	0.63								
		2.18	0.78								
		2.36	0.68								
		2.27	0.73								

< - 1- 20>

			SD	F		LSD					
						1	2	3	4	5	6
8.		2.29	0.70	1.230	0.293						
		2.36	0.79								
		2.28	0.71								
		2.32	0.73								
		2.33	0.81								
		2.51	0.71					*			
		2.34	0.74								
9.		2.69	0.73	0.900	0.481						
		2.58	0.67								
		2.69	0.69								
		2.66	0.68								
		2.61	0.62								
		2.54	0.71								
		2.63	0.69								
10.		2.40	0.83	3.393	0.005 [*]						
		2.28	0.75								
		2.38	0.74								
		2.20	0.73					*			
		2.37	0.88								
		2.58	0.67				*	*	*		
		2.34	0.76								
11. 가		2.44	0.72	1.959	0.083						
		2.45	0.70								
		2.55	0.67								
		2.47	0.66								
		2.37	0.75								
		2.28	0.54					*	*		
		2.45	0.68								
12.		2.25	0.65	3.623	0.003 [*]						
		1.99	0.68			*					
		2.07	0.65								
		2.08	0.75								
		2.11	0.80								
		1.84	0.58			*		*	*	*	
		2.05	0.69								
13. 가		2.40	0.78	1.245	0.286						
		2.41	0.73								
		2.29	0.67								
		2.27	0.73								
		2.44	0.76								
		2.31	0.66								
		2.34	0.72								
14.		2.49	0.83	2.769	0.017 [*]						
		2.38	0.75								
		2.51	0.74								
		2.53	0.66								
		2.33	0.72								
		2.23	0.72				*	*	*		
		2.43	0.74								

2.

가. 가

1) 가

“가
가?” 67.2%가 , , ,
가 .

< -2-1> 가

		N				
		N	(%)	N	(%)	
		33	(67.3)	16	(32.7)	49
		8	(66.7)	4	(33.3)	12
		41	(67.2)	20	(32.8)	61
		30	(65.2)	16	(34.8)	46
		11	(73.3)	4	(26.7)	15
		41	(67.2)	20	(32.8)	61
5 6 15 16 25 26		4	(57.1)	3	(42.9)	7
		12	(57.1)	9	(42.9)	21
		20	(87.0)	3	(13.0)	23
		5	(50.0)	5	(50.0)	10
		41	(67.2)	20	(32.8)	61

(: N-)

2) 가

< -2-2> 가

		가								N		
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
		13	(38.2)	5	(14.7)	11	(32.4)	4	(11.8)	1	(2.9)	$\chi^2 =$ 6.729
		6	(75.0)	1	(12.5)	0	(0.0)	0	(0.0)	1	(12.5)	
		19	(45.2)	6	(14.3)	11	(26.2)	4	(9.5)	2	(4.8)	
		16	(51.6)	3	(9.7)	7	(22.6)	3	(9.7)	2	(6.5)	$\chi^2 =$ 4.124
		3	(27.3)	3	(27.3)	4	(36.4)	1	(9.1)	0	(0.0)	
		19	(45.2)	6	(14.3)	11	(26.2)	4	(9.5)	2	(4.87)	
5 6 15 16 25 26		2	(50.0)	1	(25.0)	0	(0.0)	0	(0.0)	1	(25.0)	$\chi^2 =$ 14.452
		8	(61.5)	3	(23.1)	1	(7.7)	1	(7.7)	0	(0.0)	
		7	(35.0)	1	(5.0)	9	(45.0)	2	(10.0)	1	(5.0)	
		2	(40.0)	1	(20.0)	1	(20.0)	1	(20.0)	0	(0.0)	
		19	(45.2)	6	(14.3)	11	(26.2)	4	(9.5)	2	(4.8)	

(: N-)

가 “

” 45.2%, “ 가 ” 26.2%, “ ” 14.3% .

, 5 가 0% .

, . 가 가

, ,

. , , 가 .

3) 가

가

< -2-3> “ ” 33.3%, “ 가 ” 33.3%

< -2-3> 가

가															N	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	3	(17.6)	6	(35.3)	5	(29.4)	3	(17.6)	0	(0.0)	0	(0.0)	0	(0.0)	17	$\chi^2=$
	0	(0.0)	1	(25.0)	2	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(25.0)	4	6.176
	3	(14.3)	7	(33.3)	7	(33.3)	3	(14.3)	0	(0.0)	0	(0.0)	1	(4.8)	21	
	3	(17.6)	7	(41.2)	4	(23.5)	2	(11.8)	0	(0.0)	0	(0.0)	1	(5.9)	17	$\chi^2=$
	0	(0.0)	0	(0.0)	3	(75.0)	1	(25.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	5.559
	3	(14.3)	7	(33.3)	7	(33.3)	3	(14.3)	0	(0.0)	0	(0.0)	1	(4.8)	21	
5	0	(0.0)	2	(66.7)	1	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	
6 15	1	(11.1)	3	(33.3)	4	(44.4)	0	(0.0)	0	(0.0)	0	(0.0)	1	(11.1)	9	
16 25	0	(0.0)	1	(33.3)	1	(33.3)	1	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	3	$\chi^2=$
26	2	(33.3)	1	(16.7)	1	(16.7)	2	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	6	10.111
	3	(14.3)	7	(33.3)	7	(33.3)	3	(14.3)	0	(0.0)	0	(0.0)	1	(4.8)	21	

(: N-)

가 , “ ” 14.3%, “ ”

14.3% .

. , , 가 .

가

1) “

” 39.6%, “ ” 46.6%, “ ” 13.8% ,

가 가

가

5 “ ” 71.4% 가 , 16 25

가 “ ” 54.5% 가 가

< -2-4>

N										
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
	5	(10.6)	13	(27.7)	22	(46.8)	7	(14.9)	0	(0.0)
	0	(0.0)	5	(45.5)	5	(45.5)	1	(9.1)	0	(0.0)
	5	(8.6)	18	(31.0)	27	(46.6)	8	(13.8)	0	(0.0)
	2	(4.7)	14	(32.6)	22	(51.2)	5	(11.6)	0	(0.0)
	3	(20.0)	4	(26.7)	5	(33.3)	3	(20.0)	0	(0.0)
	5	(8.6)	18	(31.0)	27	(46.6)	8	(13.8)	0	(0.0)
5	0	(0.0)	2	(28.6)	5	(71.4)	0	(0.0)	0	(0.0)
6 15	1	(5.3)	3	(15.8)	11	(57.9)	4	(21.1)	0	(0.0)
16 25	4	(18.2)	12	(54.5)	5	(22.7)	1	(4.5)	0	(0.0)
26	0	(0.0)	1	(10.0)	6	(60.0)	3	(30.0)	0	(0.0)
	5	(8.6)	18	(31.0)	27	(46.6)	8	(13.8)	0	(0.0)

(: N-)

*
p < .05

2)

< -2-5> “ ” 35.7%, “

” 21.4% “ ” 21.4%, “ ” 14.3% .

가

가

“ ” 45.5%, “ ” 27.3%, “ ” 18.2%,

“ ” 9.1% , “ ”
66.7%, 33.3% .

< - 2-5>

N												
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
	3	(27.3)	2	(18.2)	2	(18.2)	3	(27.3)	1	(9.1)	0	(0.0)
	0	(0.0)	3	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
	3	(21.4)	5	(35.7)	2	(14.3)	3	(21.4)	1	(7.1)	0	(0.0)
	3	(27.3)	5	(45.5)	2	(18.2)	1	(9.1)	0	(0.0)	0	(0.0)
	0	(0.0)	0	(0.0)	0	(0.0)	2	(66.7)	1	(33.3)	0	(0.0)
	3	(21.4)	5	(35.7)	2	(14.3)	3	(21.4)	1	(7.1)	0	(0.0)
5	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
6 15	1	(14.3)	4	(57.1)	0	(0.0)	2	(28.6)	0	(0.0)	0	(0.0)
16 25	1	(33.3)	0	(0.0)	1	(33.3)	1	(33.3)	0	(0.0)	0	(0.0)
26	1	(25.0)	1	(25.0)	1	(25.0)	0	(0.0)	1	(25.0)	0	(0.0)
	3	(21.4)	5	(35.7)	2	(14.3)	3	(21.4)	1	(7.1)	0	(0.0)

(: N-) $\chi^2=6.873$ $\chi^2=10.040^*$ $\chi^2=8.294$ $p < .05$

1) 3

< - 2-6> 3

N														
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
	21	(42.9)	4	(8.2)	2	(4.1)	0	(0.0)	7	(14.3)	7	(14.3)	4	(8.2)
	2	(16.7)	3	(25.0)	0	(0.0)	1	(8.3)	1	(8.3)	0	(0.0)	2	(16.7)
	23	(37.7)	7	(11.5)	2	(3.3)	1	(1.6)	8	(13.1)	7	(11.5)	6	(9.8)
	13	(28.3)	6	(13.0)	2	(4.3)	1	(2.2)	6	(13.0)	7	(15.2)	5	(10.9)
	10	(66.7)	1	(6.7)	0	(0.0)	0	(0.0)	2	(13.3)	0	(0.0)	1	(6.7)
	23	(37.7)	7	(11.5)	2	(3.3)	1	(1.6)	8	(13.1)	7	(11.5)	6	(9.8)
5	2	(28.6)	2	(28.6)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	1	(14.3)
6 15	4	(19.0)	3	(14.3)	2	(9.5)	1	(4.8)	3	(14.3)	3	(14.3)	1	(4.8)
16 25	13	(56.5)	1	(4.3)	0	(0.0)	0	(0.0)	3	(13.0)	1	(4.3)	3	(13.0)
26	4	(40.0)	1	(10.0)	0	(0.0)	0	(0.0)	2	(20.0)	2	(20.0)	1	(10.0)
	23	(37.7)	7	(11.5)	2	(3.3)	1	(1.6)	8	(13.1)	7	(11.5)	6	(9.8)

(: N-) $\chi^2=15.129$ $\chi^2=13.314$ $\chi^2=22.316$

3 가
 < -2-6> “ ” 37.7%, “ ”
 13.1%, “ ” 11.5%, “ ” 11.5% .

· , , 가 .

2)

3
 < -2-7> “ ” 35.6%, “ ” 20.3%, “ ” 13.6%, “ ” 13.6% . 가 70%가
 가
 가 .

< -2-7>

														N		
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	6	(12.8)	1	(2.1)	6	(12.8)	0	(0.0)	8	(17.0)	1	(2.1)	17	(36.2)	47	$\chi^2 = 7.897$
	2	(16.7)	0	(0.0)	0	(0.0)	1	(8.3)	4	(33.3)	0	(0.0)	4	(33.3)	12	
	8	(13.6)	1	(1.7)	6	(10.2)	1	(1.7)	12	(20.3)	1	(1.7)	21	(35.6)	59	
	6	(13.6)	1	(2.3)	5	(11.4)	1	(2.3)	8	(18.2)	1	(2.3)	16	(36.4)	44	$\chi^2 = 4.625$
	2	(13.3)	0	(0.0)	1	(6.7)	0	(0.0)	4	(26.7)	0	(0.0)	5	(33.3)	15	
	8	(13.6)	1	(1.7)	6	(10.2)	1	(1.7)	12	(20.3)	1	(1.7)	21	(35.6)	59	
5	1	(16.7)	0	(0.0)	1	(16.7)	0	(0.0)	3	(50.0)	0	(0.0)	1	(16.7)	6	$\chi^2 = 15.304$
6 15	2	(10.0)	0	(0.0)	2	(10.0)	1	(5.0)	4	(20.0)	0	(0.0)	8	(40.0)	20	
16 25	3	(13.0)	1	(4.3)	1	(4.3)	0	(0.0)	3	(13.0)	1	(4.3)	10	(43.5)	23	
26	2	(20.0)	0	(0.0)	2	(20.0)	0	(0.0)	2	(20.0)	0	(0.0)	2	(20.0)	10	
	8	(13.6)	1	(1.7)	6	(10.2)	1	(1.7)	12	(20.3)	1	(1.7)	21	(35.6)	59	
(: N-)																

(: N-)

3)

<

-2-8> “ ” 90.2%,
 .
 , , ,

가

가 .

< - 2-8>

N																		
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	1	(2.0)	0	(0.0)	1	(2.0)	0	(0.0)	1	(2.0)	44	(89.8)	0	(0.0)	1	(2.0)	49	$\chi^2=$ 5.312
	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	11	(91.7)	1	(8.3)	0	(0.0)	12	
	1	(1.6)	0	(0.0)	1	(1.6)	0	(0.0)	1	(1.6)	55	(90.2)	1	(1.6)	1	(1.6)	61	
	1	(2.2)	0	(0.0)	1	(2.2)	0	(0.0)	1	(2.2)	41	(89.1)	1	(2.2)	0	(0.0)	46	$\chi^2=$ 4.719
	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	14	(93.3)	0	(0.0)	1	(6.7)	15	
	1	(1.6)	0	(0.0)	1	(1.6)	0	(0.0)	1	(1.6)	55	(90.2)	1	(1.6)	1	(1.6)	61	
5	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	7	(100.0)	0	(0.0)	0	(0.0)	7	$\chi^2=$ 13.894
6 15	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	20	(95.2)	1	(4.8)	0	(0.0)	21	
16 25	1	(4.3)	0	(0.0)	1	(4.3)	0	(0.0)	0	(0.0)	1	(4.3)	19	(82.6)	0	(0.0)	23	
26	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(10.0)	0	(0.0)	9	(90.0)	0	(0.0)	10	
	1	(1.6)	0	(0.0)	1	(1.6)	0	(0.0)	1	(1.6)	55	(90.2)	1	(1.6)	1	(1.6)	61	
(: N-)																		

1)

< - 2-9>

“ ” 16.4%, “ ” 45.9%, “ ” 37.7% .

가 ,

. , ,

가 .

< - 2- 9>

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	6	(12.2)	3	(6.1)	22	(44.9)	9	(18.4)	9	(18.4)	$\chi^2=$
	1	(8.3)	0	(0.0)	6	(50.0)	2	(16.7)	3	(25.0)	1.149
	7	(11.5)	3	(4.9)	28	(45.9)	11	(18.0)	12	(19.7)	61
	5	(10.9)	3	(6.5)	24	(52.2)	6	(13.0)	8	(17.4)	$\chi^2=$
	2	(13.3)	0	(0.0)	4	(26.7)	5	(33.3)	4	(26.7)	5.718
	7	(11.5)	3	(4.9)	28	(45.9)	11	(18.0)	12	(19.7)	61
5	1	(14.3)	0	(0.0)	5	(71.4)	0	(0.0)	1	(14.3)	7
6 15	1	(4.8)	1	(4.8)	8	(38.1)	4	(19.0)	7	(33.3)	21
16 25	5	(21.7)	2	(8.7)	9	(39.1)	5	(21.7)	2	(8.7)	$\chi^2=$
26	0	(0.0)	0	(0.0)	6	(60.0)	2	(20.0)	2	(20.0)	12.547
	7	(11.5)	3	(4.9)	28	(45.9)	11	(18.0)	12	(19.7)	61

(: N-)

2)

< - 2- 10> “ ” 71.7%, “ ” 25.0%
가 .

< - 2- 10>

N											
	N	(%)	N	(%)	N	(%)					
	35	(72.9)	11	(22.9)	2	(4.2)	48	$\chi^2=$			
	8	(66.7)	4	(33.3)	0	(0.0)	12	0.969			
	43	(71.7)	15	(25.0)	2	(3.3)	60				
	30	(66.7)	13	(28.9)	2	(4.4)	45	$\chi^2=$			
	13	(86.7)	2	(13.3)	0	(0.0)	15	2.383			
	43	(71.7)	15	(25.0)	2	(3.3)	60				
5	6	(85.7)	1	(14.3)	0	(0.0)	7				
6 15	13	(65.0)	7	(35.0)	0	(0.0)	20				
16 25	19	(82.6)	2	(8.7)	2	(8.7)	23	$\chi^2=$			
26	5	(50.0)	5	(50.0)	0	(0.0)	10	10.641*			
	43	(71.7)	15	(25.0)	2	(3.3)	60				

(: N-)

* p < .05

가 , , “ ” “5 ” 85.7%, “16 25 ” 82.6% , “6 15 ” 65.0%, “26 ” 50.0% 가 .

3)

“ ” < - 2- 11> 15.0%, 46.7%, 38.3% . , , 가 .

< - 2- 11>

											N
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	3	(6.3)	6	(12.5)	21	(43.8)	13	(27.1)	5	(10.4)	48 $\chi^2=$
	0	(0.0)	0	(0.0)	7	(58.3)	4	(33.3)	1	(8.3)	12 2.862
	3	(5.0)	6	(10.0)	28	(46.7)	17	(28.3)	6	(10.0)	60
	2	(4.4)	5	(11.1)	22	(48.9)	12	(26.7)	4	(8.9)	45 $\chi^2=$
	1	(6.7)	1	(6.7)	6	(40.0)	5	(33.3)	2	(13.3)	15 0.923
	3	(5.0)	6	(10.0)	28	(46.7)	17	(28.3)	6	(10.0)	60
5	0	(0.0)	1	(14.3)	4	(57.1)	2	(28.6)	0	(0.0)	7
6 15	1	(5.0)	1	(5.0)	11	(55.0)	4	(20.0)	3	(15.0)	20
16 25	2	(8.7)	3	(13.0)	8	(34.8)	8	(34.8)	2	(8.7)	23 $\chi^2=$
26	0	(0.0)	1	(10.0)	5	(50.0)	3	(30.0)	1	(10.0)	10 5.579
	3	(5.0)	6	(10.0)	28	(46.7)	17	(28.3)	6	(10.0)	60

(: N-)

4)

“ ”
 < - 2- 12> “ ” 44.2%, “ ” 23.0%, “ ”
 32.8% 가 .
 , , 가
 , 가 <
 - 2- 13> “ .” 61.8%, “
 .” 16.4%, “ 가 ” 10.9%
 .

< - 2- 12>

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	7	(14.3)	18	(36.7)	10	(20.4)	12	(24.5)	2	(4.1)	$\chi^2=$
	1	(8.3)	1	(8.3)	4	(33.3)	6	(50.0)	0	(0.0)	6.074
	8	(13.1)	19	(31.1)	14	(23.0)	18	(29.5)	2	(3.3)	
	5	(10.9)	14	(30.4)	8	(17.4)	17	(37.0)	2	(4.3)	$\chi^2=$
	3	(20.0)	5	(33.3)	6	(40.0)	1	(6.7)	0	(0.0)	7.438
	8	(13.1)	19	(31.1)	14	(23.0)	18	(29.5)	2	(3.3)	
5	0	(0.0)	1	(14.3)	3	(42.9)	3	(42.9)	0	(0.0)	7
6 15	2	(9.5)	6	(28.6)	4	(19.0)	7	(33.3)	2	(9.5)	21
16 25	4	(17.4)	11	(47.8)	3	(13.0)	5	(21.7)	0	(0.0)	$\chi^2=$
26	2	(20.0)	1	(10.0)	4	(40.0)	3	(30.0)	0	(0.0)	14.386
	8	(13.1)	19	(31.1)	14	(23.0)	18	(29.5)	2	(3.3)	61

(: N-)

, , ,
 가 .

< - 2- 13>

가

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	4	(9.1)	8	(18.2)	4	(9.1)	27	(61.4)	1	(2.3)	$\chi^2=$
	2	(18.2)	1	(9.1)	1	(9.1)	7	(63.6)	0	(0.0)	1.368
	6	(10.9)	9	(16.4)	5	(9.1)	34	(61.8)	1	(1.8)	55
	6	(14.3)	5	(11.9)	5	(11.9)	26	(61.9)	0	(0.0)	$\chi^2=$
	0	(0.0)	4	(30.8)	0	(0.0)	8	(61.5)	1	(7.7)	8.795
	6	(10.9)	9	(16.4)	5	(9.1)	34	(61.8)	1	(1.8)	55
5	0	(0.0)	1	(14.3)	2	(28.6)	4	(57.1)	0	(0.0)	7
6 15	3	(16.7)	0	(0.0)	1	(5.6)	14	(77.8)	0	(0.0)	18
16 25	3	(15.0)	4	(20.0)	1	(5.0)	12	(60.0)	0	(0.0)	20 $\chi^2=$
26	0	(0.0)	4	(40.0)	1	(10.0)	4	(40.0)	1	(10.0)	10 18.842
	6	(10.9)	9	(16.4)	5	(9.1)	34	(61.8)	1	(1.8)	55

(: N-)

5)

가

< - 2- 14>

“ ” 31.1%, “ 가 ” 27.9%, “ ”, “ ” 9.8%, “ ” 3.3%, “ ” 1.6% , “ ” . , , 가 .

< - 2- 14>

가																		N	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	6	(12.2)	6	(12.2)	12	(24.5)	0	(0.0)	2	(4.1)	1	(2.0)	1	(2.0)	3	(6.1)	16	(32.7)	
	0	(0.0)	0	(0.0)	5	(41.7)	0	(0.0)	3	(25.0)	0	(0.0)	1	(8.3)	0	(0.0)	3	(25.0)	
	2	(3.3)	6	(9.8)	6	(27.9)	0	(0.0)	5	(8.2)	1	(1.6)	2	(3.3)	3	(4.9)	19	(31.1)	
	3	(6.5)	5	(10.9)	14	(30.4)	0	(0.0)	5	(10.9)	1	(2.2)	2	(4.3)	3	(6.5)	12	(26.1)	
	3	(20.0)	1	(6.7)	3	(20.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	7	(36.8)	
	6	(9.8)	6	(9.8)	17	(27.9)	0	(0.0)	5	(8.2)	1	(1.6)	2	(3.3)	3	(4.9)	19	(31.1)	
5	1	(14.3)	1	(14.3)	1	(14.3)	0	(0.0)	1	(14.3)	0	(0.0)	0	(0.0)	1	(14.3)	2	(28.6)	
	6	15	2	(9.5)	1	(4.8)	7	(33.3)	0	0	3	(14.3)	0	(0.0)	1	(4.8)	1	(4.8)	
	16	25	1	(4.3)	2	(8.7)	6	(26.1)	0	0	1	(4.3)	0	(0.0)	1	(4.3)	10	(43.5)	
26	2	(20.0)	2	(20.0)	3	(30.0)	0	(0.0)	0	(0.0)	1	(10.0)	0	(0.0)	0	(0.0)	2	(20.0)	
	6	(9.8)	6	(9.8)	17	(27.9)	0	(0.0)	5	(8.2)	1	(1.6)	2	(3.3)	3	(4.9)	19	(31.1)	
(: N-)																			

(: N-)

.

“

?”

< - 2- 15>

“ ” 18.3%, “ ” 81.7%

publicity , ,

“ ”

.

,

. , , 가 .

< - 2- 15>

N					
	N	(%)	N	(%)	
	9	(18.8)	39	(81.3)	48
	2	(16.7)	10	(83.3)	12
	11	(18.3)	49	(81.7)	60
	9	(20.0)	36	(80.0)	45
	2	(13.3)	13	(86.7)	15
	11	(18.3)	49	(81.7)	60
5	1	(14.3)	6	(85.7)	7
6 15	3	(14.3)	18	(85.7)	21
16 25	7	(31.8)	15	(68.2)	22
26	0	(0.0)	10	(100.0)	10
	11	(18.3)	49	(81.7)	60

(: N-)

< - 2- 17>

가 가												N
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	16	(32.7)	29	(59.2)	0	(0.0)	4	(8.2)	0	(0.0)	49	$\chi^2=$
	2	(16.7)	9	(75.0)	0	(0.0)	1	(8.3)	0	(0.0)	12	1.222
	18	(29.5)	38	(62.3)	0	(0.0)	5	(8.2)	0	(0.0)	61	
	13	(28.3)	30	(65.2)	0	(0.0)	3	(6.5)	0	(0.0)	46	$\chi^2=$
	5	(33.3)	8	(53.3)	0	(0.0)	2	(13.3)	0	(0.0)	15	0.995
	18	(29.5)	38	(62.3)	0	(0.0)	5	(8.2)	0	(0.0)	61	
5	3	(42.9)	4	(57.1)	0	(0.0)	0	(0.0)	0	(0.0)	7	
6 15	5	(23.8)	15	(71.4)	0	(0.0)	1	(4.8)	0	(0.0)	21	
16 25	8	(34.8)	12	(52.2)	0	(0.0)	3	(13.0)	0	(0.0)	23	$\chi^2=$
26	2	(20.0)	7	(70.0)	0	(0.0)	1	(10.0)	0	(0.0)	10	3.536
	18	(29.5)	38	(62.3)	0	(0.0)	5	(8.2)	0	(0.0)	61	

(: N-)

1)

< - 2- 18>

“ ” 32.2%, “ ” 18.6%, “ ” 48.2% .
 (2000, 5)
 , .
 (2000, 4)
 , , ,
 “ ” 49.2%, “ ” 18.6%

가

< - 2- 18>

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	6	(12.5)	11	(22.9)	7	(14.6)	22	(45.8)	2	(4.2)	$\chi^2 =$
	0	(0.0)	2	(18.2)	4	(36.4)	5	(45.5)	0	(0.0)	4.202
	6	(10.2)	13	(22.0)	11	(18.6)	27	(45.8)	2	(3.4)	
	3	(6.8)	9	(20.5)	10	(22.7)	20	(45.5)	2	(4.5)	$\chi^2 =$
	3	(20.0)	4	(26.7)	1	(6.7)	7	(46.7)	0	(0.0)	4.340
	6	(10.2)	13	(22.0)	11	(18.6)	27	(45.8)	2	(3.4)	
5	0	(0.0)	1	(16.7)	3	(50.0)	2	(33.3)	0	(0.0)	
6 15	1	(5.0)	2	(10.0)	5	(25.0)	11	(55.0)	1	(5.0)	
16 25	4	(17.4)	9	(39.1)	1	(4.3)	8	(34.8)	1	(4.3)	$\chi^2 =$
26	1	(10.0)	1	(10.0)	2	(20.0)	6	(60.0)	0	(0.0)	15.927
	6	(10.2)	13	(22.0)	11	(18.6)	27	(45.8)	2	(3.4)	

(: N-)

2)

< - 2- 19> “

” 13.4%, “ ” 13.3%, “ ” 51.7%, “ ” 21.7% .

(2001, 4)

49%

.

< - 2- 19>

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	1	(2.1)	4	(8.3)	7	(14.6)	26	(54.2)	10	(20.8)	$\chi^2 =$
	0	(0.0)	3	(25.0)	1	(8.3)	5	(41.7)	3	(25.0)	3.184
	1	(1.7)	7	(11.7)	8	(13.3)	31	(51.7)	13	(21.7)	
	1	(2.2)	7	(15.6)	8	(17.8)	20	(44.4)	9	(20.0)	$\chi^2 =$
	0	(0.0)	0	(0.0)	0	(0.0)	11	(73.3)	4	(26.7)	7.381
	1	(1.7)	7	(11.7)	8	(13.3)	31	(51.7)	13	(21.7)	
5	0	(0.0)	0	(0.0)	1	(14.3)	4	(57.1)	2	(28.6)	
6 15	0	(0.0)	4	(20.0)	3	(15.0)	10	(50.0)	3	(15.0)	
16 25	0	(0.0)	3	(13.0)	2	(8.7)	12	(52.2)	6	(26.1)	$\chi^2 =$
26	1	(10.0)	0	(0.0)	2	(20.0)	5	(50.0)	2	(20.0)	9.804
	1	(1.7)	7	(11.7)	8	(13.3)	31	(51.7)	13	(21.7)	

(: N-)

가
가

3)

가
< - 2- 20> “ ” 57.4%, “ ” 19.7%, “ ” 14.8%, “ ” 8.2%

가
가
“ ”

< - 2- 20>

N									
	N	(%)	N	(%)	N	(%)	N	(%)	
	29	(59.2)	3	(6.1)	6	(12.2)	11	(22.4)	$\chi^2 =$
	6	(50.0)	2	(16.7)	3	(25.0)	1	(8.3)	3.488
	35	(57.4)	5	(8.2)	9	(14.8)	12	(19.7)	61
	26	(56.5)	5	(10.9)	8	(17.4)	7	(12.5)	$\chi^2 =$
	9	(60.0)	0	(0.0)	1	(6.7)	5	(33.3)	4.423
	35	(57.4)	5	(8.2)	9	(14.8)	12	(19.7)	61
5	3	(42.9)	0	(0.0)	3	(42.9)	1	(14.3)	7
6 15	15	(71.4)	2	(9.5)	2	(9.5)	2	(9.5)	21
16 25	12	(52.2)	2	(8.7)	4	(17.4)	5	(21.7)	23
26	5	(50.0)	1	(10.0)	0	(0.0)	4	(40.0)	10
	35	(57.4)	5	(8.2)	9	(14.8)	12	(19.7)	61

(: N-)

4)

가

< -2-21> “ ” 32.2%, “ ” 28.8%, “ ” 18.6%, “ ” 13.6%, “ ” 6.8% . “ ” 32.6%, “ ” 32.2%, “ ” 28.8% .

가 . , , 가 .

< -2-21>

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	7	(14.9)	8	(17.0)	17	(36.2)	3	(6.4)	12	(25.5)	$\chi^2 =$
	1	(8.3)	3	(25.0)	2	(16.7)	1	(8.3)	5	(41.7)	2.676
	8	(13.6)	11	(18.6)	19	(32.2)	4	(6.8)	17	(28.8)	59
	3	(6.8)	10	(22.7)	13	(29.5)	3	(6.8)	15	(34.1)	$\chi^2 =$
	5	(33.3)	1	(6.7)	6	(40.0)	1	(6.7)	2	(13.3)	9.401
	8	(13.6)	11	(18.6)	19	(32.2)	4	(6.8)	17	(28.8)	59
5	1	(14.3)	2	(28.6)	0	(0.0)	0	(0.0)	4	(57.1)	7
6 15	1	(5.0)	6	(30.0)	10	(50.0)	1	(5.0)	2	(10.0)	20
16 25	3	(13.6)	2	(9.1)	8	(36.4)	1	(4.5)	8	(36.4)	$\chi^2 =$
26	3	(30.0)	1	(10.0)	1	(10.0)	2	(20.0)	3	(30.0)	20.333
	8	(13.6)	11	(18.6)	19	(32.2)	4	(6.8)	17	(28.8)	59

(: N-)

5)

< -2-22> “

” 86.2%, “ ” 13.8% .
.
, 가

“ ” 93.0%, “ 66.7% .

< - 2- 22>

N					
	N	(%)	N	(%)	
	40	(85.1)	7	(14.9)	$\chi^2 =$
	10	(90.9)	1	(9.1)	0.252
	50	(86.2)	8	(13.8)	58
	40	(93.0)	3	(7.0)	$\chi^2 =$
	10	(66.7)	5	(33.3)	6.497
	50	(86.2)	8	(13.8)	58
5	7	(100.0)	0	(0.0)	7
6 15	15	(78.9)	4	(21.1)	19
16 25	19	(86.4)	3	(13.6)	22
26	9	(90.0)	1	(10.0)	10
	50	(86.2)	8	(13.8)	58

(: N-)

*p< .05

“ ” .

가 .

6)

< - 2- 23> “

” 81.1%, “ ” 19.0% . , ,

가 .

.

< - 2- 23>

		N				
		N	(%)	N	(%)	
		36	(76.6)	11	(23.4)	$\chi^2 =$
		11	(100.0)	0	(0.0)	3.177
		47	(81.0)	11	(19.0)	58
		36	(83.7)	7	(16.3)	$\chi^2 =$
		11	(73.3)	4	(26.7)	0.781
		47	(81.0)	11	(19.0)	58
5		7	(100.0)	0	(0.0)	7
6	15	17	(89.5)	2	(10.5)	19
16	25	15	(68.2)	7	(31.8)	$\chi^2 =$
26		8	(80.0)	2	(20.0)	4.890
		47	(81.0)	11	(19.0)	58

(: N-)

7)

가)

< - 2- 24>

“ ” 43.3%, “ ” 41.7%, “ ” 15.0% .

< - 2- 24>

		N						
		N	(%)	N	(%)	N	(%)	
		7	(14.6)	20	(41.7)	21	(43.8)	$\chi^2 =$
		2	(16.7)	5	(41.7)	5	(41.7)	0.037
		9	(15.0)	25	(41.7)	26	(43.3)	60
		7	(15.6)	21	(46.7)	17	(37.8)	$\chi^2 =$
		2	(13.3)	4	(26.7)	9	(60.0)	2.399
		9	(15.0)	25	(41.7)	26	(43.3)	60
5		2	(28.6)	2	(28.6)	3	(42.9)	7
6	15	4	(19.0)	10	(47.6)	7	(33.3)	21
16	25	3	(13.6)	9	(40.9)	10	(45.5)	$\chi^2 =$
26		0	(0.0)	4	(40.0)	6	(60.0)	4.241
		9	(15.0)	25	(41.7)	26	(43.3)	60

(: N-)

가

7

가

)

< -2-25> “

” 53.4%, “

” 19.0%, “

” 19.0%

“

” 5.2%, “

” 3.4%

가

가

가

< - 2- 25>

가														N
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	2	(4.3)	10	(21.7)	23	(50.0)	2	(4.3)	9	(19.6)	0	(0.0)	46	$\chi^2=$
	1	(8.3)	1	(8.3)	8	(66.7)	0	(0.0)	2	(16.7)	0	(0.0)	12	2.253
	3	(5.2)	11	(19.0)	31	(53.4)	2	(3.4)	11	(19.0)	0	(0.0)	58	
	2	(4.5)	10	(22.7)	23	(52.3)	0	(0.0)	9	(20.5)	0	(0.0)	44	$\chi^2=$
	1	(7.1)	1	(7.1)	8	(57.1)	2	(14.3)	2	(14.3)	0	(0.0)	14	8.045
	3	(5.2)	11	(19.0)	31	(53.4)	2	(3.4)	11	(19.0)	0	(0.0)	58	
5	1	(14.3)	1	(14.3)	5	(71.4)	0	(0.0)	0	(0.0)	0	(0.0)	7	
6 15	0	(0.0)	3	(15.8)	10	(52.6)	0	(0.0)	6	(31.6)	0	(0.0)	19	
16 25	1	(4.5)	5	(22.7)	10	(45.5)	2	(9.1)	4	(18.2)	0	(0.0)	22	$\chi^2=$
26	1	(10.0)	2	(20.0)	6	(60.0)	0	(0.0)	1	(10.0)	0	(0.0)	10	10.320
	3	(5.2)	11	(19.0)	31	(53.4)	2	(3.4)	11	(19.0)	0	(0.0)	58	

(: N-)

)

< - 2- 26> “ ” 19.6%, “ ” 17.9%, “ ” 16.1%, “ ” 16.1%, “ ” 14.3%, “ ” 14.3% . , , 가 .

< - 2- 26>

N															
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	9	(20.0)	6	(13.3)	6	(13.3)	10	(22.2)	8	(17.8)	5	(11.1)	1	(2.2)	45 $\chi^2=$
	0	(0.0)	2	(18.2)	3	(27.3)	1	(9.1)	2	(18.2)	3	(27.3)	0	(0.0)	11 6.051
	9	(16.1)	8	(14.3)	9	(16.1)	11	(19.6)	10	(17.9)	8	(14.3)	1	(1.8)	56
	5	(11.6)	8	(18.6)	8	(18.6)	8	(18.6)	7	(16.3)	6	(14.0)	1	(2.3)	43 $\chi^2=$
	4	(30.8)	0	(0.0)	1	(7.7)	3	(23.1)	3	(23.1)	2	(15.4)	0	(0.0)	13 6.111
	9	(16.1)	8	(14.3)	9	(16.1)	11	(19.6)	10	(17.9)	8	(14.3)	1	(1.8)	56
5	1	(16.7)	0	(0.0)	2	(33.3)	2	(33.3)	0	(0.0)	1	(16.7)	0	(0.0)	6
6 15	2	(10.5)	5	(26.3)	2	(10.5)	4	(21.1)	4	(21.1)	1	(5.3)	1	(5.3)	19
16 25	2	(9.5)	3	(14.3)	3	(14.3)	2	(9.5)	5	(23.8)	6	(28.6)	0	(0.0)	21 $\chi^2=$
26	4	(40.0)	0	(0.0)	2	(20.0)	3	(30.0)	1	(10.0)	0	(0.0)	0	(0.0)	10 21.969
	9	(16.1)	8	(14.3)	9	(16.1)	11	(19.6)	10	(17.9)	8	(14.3)	1	(1.8)	56

(: N-)

3.

가. 가

1) 가

“가
가?” 34.4%가 , , , 가
.

< -3-1> 가

		N				
		N	(%)	N	(%)	
		15	(42.9)	20	(57.1)	$\chi^2 =$
		16	(29.1)	39	(70.9)	1.795
		31	(34.4)	59	(65.6)	90
		25	(32.1)	53	(67.9)	78
		5	(38.5)	8	(61.5)	$\chi^2 =$
		30	(33.0)	61	(67.0)	0.207
5		1	(33.3)	2	(66.7)	3
6 15		15	(36.6)	34	(69.4)	49
16 25		8	(32.0)	17	(68.0)	25
26		7	(46.7)	8	(53.3)	15
		31	(33.7)	61	(66.3)	92

(: N=)

2) 가

가 < -3-2>
“ ” 78.1%, “ 가 ” 12.5%, “ ” 3.1%
, , , 가
“ ”가 78.1% 가
.

< -3-2> 가

가											N			
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
		12	(80.0)	1	(6.7)	2	(13.3)	0	(0.0)	0	(0.0)	15	$\chi^2=$	
		13	(76.5)	0	(0.0)	2	(11.8)	0	(0.0)	2	(11.8)	17	2.926	
		25	(78.1)	1	(3.1)	4	(12.5)	0	(0.0)	2	(6.3)	32		
		20	(76.9)	1	(3.8)	3	(11.5)	0	(0.0)	2	(7.7)	26	$\chi^2=$	
		4	(80.0)	0	(0.0)	1	(20.0)	0	(0.0)	0	(0.0)	5	0.815	
		24	(77.4)	1	(3.2)	4	(12.9)	0	(0.0)	2	(6.5)	31		
5		1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	$\chi^2=$	
6	15	11	(68.8)	1	(6.3)	3	(18.8)	0	(0.0)	1	(6.3)	16		
16	25	7	(87.5)	0	(0.0)	1	(12.5)	0	(0.0)	0	(0.0)	8		
26		6	(85.7)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	7		4.169
		25	(78.1)	1	(3.1)	4	(12.5)	0	(0.0)	2	(6.3)	32		
(: N-)														

(: N-)

3) 가

가

65.6%

< -3-3> “ 가 ” 37.3%, “ ” 35.3%, “ ” 11.9%

“ ” 10.2% , “ ” 3.4%, “

” 1.7% . , , 가

.

가

,

.

< -3-3> 가

		가										N					
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)				
		1	(5.0)	5	(25.0)	12	(60.0)	1	(5.0)	0	(0.0)	0	(0.0)	1	(5.0)	$\chi^2=$ 10.112	
		0	(0.0)	16	(41.0)	10	(25.6)	5	(12.8)	2	(5.1)	0	(0.0)	6	(15.4)		
		1	(1.7)	21	(35.6)	22	(37.3)	6	(10.2)	2	(3.4)	0	(0.0)	7	(11.9)		
		1	(1.9)	19	(35.8)	19	(35.8)	5	(9.4)	2	(3.8)	0	(0.0)	7	(13.2)	$\chi^2=$ 3.524	
		0	(0.0)	3	(37.5)	5	(62.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)		
		1	(1.6)	22	(36.1)	24	(39.3)	5	(8.2)	2	(3.3)	0	(0.0)	7	(11.5)		
5		0	(0.0)	1	(50.0)	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	$\chi^2=$ 24.063
6 15	0	(0.0)	14	(41.2)	13	(38.2)	2	(5.9)	0	(0.0)	0	(0.0)	5	(14.7)	34		
16 25	0	(0.0)	6	(35.3)	5	(29.4)	2	(11.8)	2	(11.8)	0	(0.0)	2	(11.8)	17		
26	1	(12.5)	1	(12.5)	6	(75.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	8		
	1	(1.6)	22	(36.1)	24	(39.3)	5	(8.2)	2	(3.3)	0	(0.0)	7	(11.5)	61		
(: N-)																	

(: N-)

. 가
 < -3-4> “ ” 8.9%, “ ”
 58.9%, “ ” 32.2% .

< -3-4>

N										
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
	1	(2.9)	3	(8.6)	22	(62.9)	7	(20.0)	2	(5.7)
	0	(0.0)	3	(7.3)	31	(56.4)	20	(36.4)	0	(0.0)
	1	(1.1)	6	(7.8)	53	(58.9)	27	(30.0)	2	(2.2)
	0	(0.0)	5	(6.4)	43	(55.1)	28	(35.9)	2	(2.6)
	1	(7.7)	1	(7.7)	9	(69.2)	2	(15.4)	0	(0.0)
	1	(1.1)	6	(6.6)	52	(57.1)	30	(33.0)	2	(2.2)
5	0	(0.0)	0	(0.0)	1	(33.3)	2	(66.7)	0	(0.0)
6 15	0	(0.0)	4	(8.2)	31	(63.3)	13	(26.5)	1	(2.0)
16 25	1	(4.0)	3	(12.0)	11	(44.0)	10	(40.0)	0	(0.0)
26	0	(0.0)	0	(0.0)	9	(60.0)	5	(33.3)	1	(6.7)
	1	(1.1)	7	(7.6)	52	(56.5)	30	(32.6)	2	(2.2)

(: N-)

가 “ ” 가
 , . , , 가
 .
 < -3-5> “ ” 61.8%, “ ” 26.5%, “ ” 8.8%, “ ” 2.9% .

. 가
 ,
 . ,
 6 15 “ ” 81.3%, 16 25
 “ ” 36.4%, “ ” 36.4% .

< -3-5>

												N		
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	1	(7.7)	9	(69.2)	3	(23.1)	0	(0.0)	0	(0.0)	0	(0.0)	13	$\chi^2 =$ 3.754
	0	(0.0)	12	(57.1)	6	(28.6)	3	(14.3)	0	(0.0)	0	(0.0)	21	
	1	(2.9)	21	(61.8)	9	(26.5)	3	(8.8)	0	(0.0)	0	(0.0)	34	
	1	(3.0)	19	(57.6)	10	(30.3)	3	(9.1)	0	(0.0)	0	(0.0)	33	$\chi^2 =$ 4.944
	1	(25.0)	3	(75.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	
	2	(5.4)	22	(59.5)	10	(27.0)	3	(8.1)	0	(0.0)	0	(0.0)	37	
5	0	(0.0)	1	(50.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	$\chi^2 =$ 17.919 [*]
6 15	0	(0.0)	13	(81.3)	3	(18.8)	0	(0.0)	0	(0.0)	0	(0.0)	16	
16 25	0	(0.0)	4	(36.4)	4	(36.4)	3	(27.3)	0	(0.0)	0	(0.0)	11	
26	2	(25.0)	4	(50.0)	2	(25.0)	0	(0.0)	0	(0.0)	0	(0.0)	8	
	2	(5.4)	22	(59.5)	10	(27.0)	3	(8.1)	0	(0.0)	0	(0.0)	37	

(: N-)

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p< .05

20 “ ” 10
 , , “ ” 27.3%
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 “ , ?” <
 -3-6> “TV, ” 69.8%, “ , ” 16.3% , “ ”
 4.7%, “ , ” 1.2%, “ ” 1.2% . “가 ,
 ”, “ , CD ” . 가
 . , “TV, ” 58.8%,
 “ , ” 32.4%, “ ” 5.9% , “TV, ”
 76.9%, “ ” 9.6%, “ , ” 5.8%
 가 . 가 ,
 .

< -3-6>

		TV				가				CD				N			
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
		20	(58.8)	11	(32.4)	0	(0.0)	0	(0.0)	0	(0.0)	2	(5.9)	0	(0.0)	34	$\chi^2=$
		40	(76.9)	3	(5.8)	1	(1.9)	1	(1.9)	0	(0.0)	2	(3.8)	0	(0.0)	52	12.693 [*]
		60	(69.8)	14	(16.3)	1	(1.2)	1	(1.2)	0	(0.0)	4	(4.7)	0	(0.0)	86	
		51	(68.9)	13	(17.6)	1	(1.4)	1	(1.4)	0	(0.0)	3	(4.1)	0	(0.0)	74	$\chi^2=$
		9	(69.2)	1	(7.7)	0	(0.0)	0	(0.0)	0	(0.0)	1	(7.7)	0	(0.0)	13	2.363
		60	(69.0)	14	(16.1)	1	(1.1)	1	(1.1)	0	(0.0)	4	(4.6)	0	(0.0)	87	
5		2	(66.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(33.3)	0	(0.0)	3	
6	15	30	(65.2)	7	(15.2)	1	(2.2)	1	(2.2)	0	(0.0)	2	(4.3)	0	(0.0)	46	
16	25	18	(72.0)	6	(24.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	25	$\chi^2=$
26		10	(71.4)	2	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	1	(7.1)	0	(0.0)	14	11.386
		60	(68.2)	15	(17.0)	1	(1.1)	1	(1.1)	0	(0.0)	4	(4.5)	0	(0.0)	88	

(: N-)

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p< .05

(: N-)

^{*}
p< .05

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< -3-7>

“

” 54.4%, “

” 42.2%

. , , 가 .

< -3-7>

		가 가										N		
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
		14	(40.0)	20	(57.1)	1	(2.9)	0	(0.0)	0	(0.0)	35		$\chi^2=$ 2.988
		24	(43.6)	29	(52.7)	0	(0.0)	2	(3.6)	0	(0.0)	55		
		38	(42.2)	49	(54.4)	1	(1.1)	2	(2.2)	0	(0.0)	90		
		32	(41.0)	42	(53.8)	1	(1.3)	3	(3.8)	0	(0.0)	78		$\chi^2=$ 0.737
		6	(46.2)	7	(53.8)	0	(0.0)	0	(0.0)	0	(0.0)	13		
		38	(41.8)	49	(53.8)	1	(1.1)	3	(3.3)	0	(0.0)	91		
5		2	(66.7)	1	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	3		$\chi^2=$ 4.576
6	15	19	(38.8)	26	(53.1)	1	(2.0)	3	(6.1)	0	(0.0)	49		
16	25	10	(40.0)	15	(60.0)	0	(0.0)	0	(0.0)	0	(0.0)	25		
26		7	(46.7)	8	(53.3)	0	(0.0)	0	(0.0)	0	(0.0)	15		
		38	(41.3)	50	(54.3)	1	(1.1)	3	(3.3)	0	(0.0)	92		

(: N-)

1) 가

“ ” “ ” “ 가
 ” 75.5%, “ ” 96.7%,
 “ ” 84.5%, “ 가 ” 72.4%, “ 가
 ” 97.8%, “ ” 62.2%
 7 13 64.8% 95.6%

< -3-8> 가

	N (%)	N (%)	N (%)	N (%)		
1. 가	1 (1.1)	21 (23.3)	56 (62.2)	12 (13.3)	2.88	0.63
2.	0 (0.0)	3 (3.3)	53 (58.9)	34 (37.8)	3.34	0.54
3.	0 (0.0)	14 (15.6)	43 (47.8)	33 (36.7)	3.21	0.69
4. 가	2 (2.2)	23 (25.6)	54 (60.0)	11 (12.2)	2.82	0.66
5. 가	0 (0.0)	2 (2.2)	61 (67.8)	27 (30.0)	3.28	0.50
6.	1 (1.1)	33 (36.7)	47 (52.2)	9 (10.0)	2.71	0.66
7.	2 (2.3)	55 (62.5)	30 (34.1)	1 (1.1)	2.34	0.54
8.	0 (0.0)	4 (4.5)	70 (78.7)	15 (16.9)	3.12	0.45
9.	8 (9.0)	66 (74.2)	14 (15.7)	1 (1.1)	2.09	0.54
10.	2 (2.2)	59 (66.3)	24 (27.0)	4 (4.5)	2.34	0.60
11.	11 (12.2)	57 (63.3)	20 (22.2)	2 (2.2)	2.14	0.65
12. 가	19 (21.1)	62 (68.9)	8 (8.9)	1 (1.1)	1.90	0.58
13. ?	8 (8.9)	64 (71.1)	18 (20.0)	0 (0.0)	2.11	0.53

2)

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< -3-9> “

가 ” “ ” “

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가 , 가

가 . 가

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< -3-10>

“ ” “ ”

가 , 가

가 .

가 .

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가 .

< -3-9>

								t	
		N (%)	N (%)	N (%)	N (%)				
1. 가		1 (1.1)	8 (8.9)	20 (22.2)	6 (6.7)	2.89	0.72	0.94	0.925
		0 (0.0)	13 (14.4)	36 (40.0)	6 (6.7)	2.87	0.58		
		1 (1.1)	21 (23.3)	56 (62.2)	12 (13.3)	2.88	0.63		
2.		0 (0.0)	3 (3.3)	20 (22.2)	12 (13.3)	3.26	0.61	-1.218	0.226
		0 (0.0)	0 (0.0)	33 (36.7)	22 (24.4)	3.40	0.49		
		0 (0.0)	3 (3.3)	53 (58.9)	34 (37.8)	3.34	0.54		
3.		0 (0.0)	6 (6.7)	19 (21.1)	10 (11.1)	3.11	0.68	-1.055	0.294
		0 (0.0)	8 (8.9)	24 (26.7)	23 (25.6)	3.27	0.71		
		0 (0.0)	14 (15.6)	43 (47.8)	33 (36.7)	3.21	0.69		
4. 가		0 (0.0)	5 (5.6)	23 (25.6)	7 (7.8)	3.06	0.59	2.857	0.005*
		2 (2.2)	18 (20.0)	31 (34.4)	4 (4.4)	2.67	0.67		
		2 (2.2)	23 (25.6)	54 (60.0)	11 (12.2)	2.82	0.66		
5. 가		0 (0.0)	0 (0.0)	26 (28.9)	9 (10.0)	3.26	0.44	-0.312	0.756
		0 (0.0)	2 (2.2)	35 (38.9)	18 (20.0)	3.29	0.53		
		0 (0.0)	2 (2.2)	61 (67.8)	27 (30.0)	3.28	0.50		
6.		1 (1.1)	12 (13.3)	17 (18.9)	5 (5.6)	2.74	0.74	0.364	0.717
		0 (0.0)	21 (23.3)	30 (33.3)	4 (4.4)	2.69	0.60		
		1 (1.1)	33 (36.7)	47 (52.2)	9 (10.0)	2.71	0.66		
7.		0 (0.0)	21 (23.9)	12 (13.6)	1 (1.1)	2.41	0.56	0.969	0.335
		2 (2.3)	34 (38.6)	18 (20.5)	0 (0.0)	2.30	0.54		
		2 (2.3)	55 (62.5)	30 (34.1)	1 (1.1)	2.34	0.54		
8.		0 (0.0)	1 (1.1)	27 (30.3)	7 (7.9)	3.17	0.45	0.810	0.420
		0 (0.0)	3 (3.4)	43 (48.3)	8 (9.0)	3.09	0.45		
		0 (0.0)	4 (4.5)	70 (78.7)	15 (16.9)	3.12	0.45		
9.		3 (3.4)	25 (28.1)	6 (6.7)	1 (1.1)	2.14	0.60	0.749	0.456
		5 (5.6)	41 (46.1)	8 (9.0)	0 (0.0)	2.06	0.49		
		8 (9.0)	66 (74.2)	14 (15.7)	1 (1.1)	2.09	0.54		
10.		1 (1.1)	24 (27.0)	8 (9.0)	2 (2.2)	2.31	0.63	-0.286	0.775
		1 (1.1)	35 (39.3)	16 (18.0)	2 (2.2)	2.35	0.59		
		2 (2.2)	59 (66.3)	24 (27.0)	4 (4.5)	2.34	0.60		
11.		1 (1.1)	19 (21.1)	14 (15.6)	1 (1.1)	2.43	0.61	3.538	0.001*
		10 (11.1)	38 (42.2)	6 (6.7)	1 (1.1)	1.96	0.61		
		11 (12.2)	57 (63.3)	20 (22.2)	2 (2.2)	2.14	0.65		
12. 가		8 (8.9)	22 (24.4)	4 (4.4)	1 (1.1)	1.94	0.68	0.556	0.580
		11 (12.2)	40 (44.4)	4 (4.4)	0 (0.0)	1.87	0.51		
		19 (21.1)	62 (68.9)	8 (8.9)	1 (1.1)	1.90	0.58		
13.		0 (0.0)	26 (28.9)	9 (10.0)	0 (0.0)	2.26	0.44	2.131	0.036*
		8 (8.9)	38 (42.2)	9 (10.0)	0 (0.0)	2.02	0.56		
?		8 (8.9)	64 (71.1)	18 (20.0)	0 (0.0)	2.11	0.53		

< - 3- 10 >

								t	
		N (%)	N (%)	N (%)	N (%)				
1. 가		1 (1.1)	18 (19.8)	52 (57.1)	7 (7.7)	2.83	0.59	-0.889	0.376
		0 (0.0)	4 (4.4)	5 (5.5)	4 (4.4)	3.00	0.82		
		1 (1.1)	22 (24.2)	57 (62.6)	11 (12.1)	2.86	0.62		
2.		0 (0.0)	4 (4.4)	46 (50.5)	28 (30.8)	3.31	0.57	-0.918	0.361
		0 (0.0)	0 (0.0)	7 (7.7)	6 (6.6)	3.46	0.52		
		0 (0.0)	4 (4.4)	53 (58.2)	34 (37.4)	3.33	0.56		
3.		0 (0.0)	13 (14.3)	39 (42.9)	26 (28.6)	3.17	0.69	-1.432	0.156
		0 (0.0)	1 (1.1)	5 (5.5)	7 (7.7)	3.46	0.66		
		0 (0.0)	14 (15.4)	44 (48.4)	33 (36.3)	3.21	0.69		
4. 가		2 (2.2)	22 (24.2)	47 (51.6)	7 (7.7)	2.76	0.65	-1.653	0.102
		0 (0.0)	2 (2.2)	8 (8.8)	3 (3.3)	3.08	0.64		
		2 (2.2)	24 (26.4)	55 (60.4)	10 (11.0)	2.80	0.65		
5. 가		0 (0.0)	2 (2.2)	56 (61.5)	20 (22.0)	3.23	0.48	-1.583	0.117
		0 (0.0)	0 (0.0)	7 (7.7)	6 (6.6)	3.46	0.52		
		0 (0.0)	2 (2.2)	63 (69.2)	26 (28.6)	3.26	0.49		
6.		0 (0.0)	30 (33.0)	43 (47.3)	5 (5.5)	2.68	0.59	-0.591	0.564
		1 (1.1)	4 (4.4)	4 (4.4)	4 (4.4)	2.85	0.99		
		1 (1.1)	34 (37.4)	47 (51.6)	9 (9.9)	2.70	0.66		
7.		2 (2.2)	49 (55.1)	25 (28.1)	0 (0.0)	2.30	0.52	-0.982	0.329
		0 (0.0)	8 (9.0)	4 (4.5)	1 (1.1)	2.46	0.66		
		2 (2.2)	57 (64.0)	29 (32.6)	1 (1.1)	2.33	0.54		
8.		0 (0.0)	2 (2.2)	62 (68.9)	13 (14.4)	3.14	0.42	1.071	0.287
		0 (0.0)	2 (2.2)	9 (10.0)	2 (2.2)	3.00	0.58		
		0 (0.0)	4 (4.4)	71 (78.9)	15 (16.7)	3.12	0.45		
9.		8 (8.9)	60 (66.7)	9 (10.0)	0 (0.0)	2.01	0.47	-2.350	0.034
		0 (0.0)	8 (8.9)	4 (4.4)	1 (1.1)	2.46	0.66		
		8 (8.9)	68 (75.6)	13 (14.4)	1 (1.1)	2.08	0.52		
10.		2 (2.2)	52 (57.8)	21 (23.3)	2 (2.2)	2.30	0.56	-1.067	0.304
		0 (0.0)	8 (8.9)	3 (3.3)	2 (2.2)	2.54	0.78		
		2 (2.2)	60 (66.7)	24 (26.7)	4 (4.4)	2.33	0.60		
11.		12 (13.2)	52 (57.1)	13 (14.3)	1 (1.1)	2.04	0.61	-3.118	0.002
		0 (0.0)	6 (6.6)	6 (6.6)	1 (1.1)	2.62	0.65		
		12 (13.2)	58 (63.7)	19 (20.9)	2 (2.2)	2.12	0.65		
12. 가		17 (18.7)	57 (62.6)	4 (4.4)	0 (0.0)	1.83	0.49	-1.255	0.231
		3 (3.3)	6 (6.6)	3 (3.3)	1 (1.1)	2.15	0.90		
		20 (22.0)	63 (69.2)	7 (7.7)	1 (1.1)	1.88	0.57		
13.		8 (8.8)	57 (62.6)	13 (14.3)	0 (0.0)	2.06	0.52	-1.584	0.117
		0 (0.0)	9 (9.9)	4 (4.4)	0 (0.0)	2.31	0.48		
?		8 (8.8)	66 (72.5)	17 (18.7)	0 (0.0)	2.10	0.52		

< -3-11>

		(M)	F		LSD				
						1	2	3	4
1. 가	5	3.00	0.302	0.824	1				
	6 15	2.90			2				
	16 25	2.88			3				
	26	2.73			4				
		2.87							
2.	5	3.00	0.804	0.495	1				
	6 15	3.39			2				
	16 25	3.36			3				
	26	3.20			4				
		3.34							
3.	5	3.00	0.304	0.823	1				
	6 15	3.24			2				
	16 25	3.12			3				
	26	3.27			4				
		3.21							
4. 가	5	3.00	0.599	0.617	1				
	6 15	2.76			2				
	16 25	2.80			3				
	26	3.00			4				
		2.82							
5. 가	5	3.00	1.271	0.289	1				
	6 15	3.27			2				
	16 25	3.40			3				
	26	3.13			4				
		3.27							
6.	5	2.67	1.198	0.315	1				
	6 15	2.59			2				
	16 25	2.88			3				
	26	2.89			4				
		2.71							
7.	5	2.67	0.895	0.447	1				
	6 15	2.31			2				
	16 25	2.42			3				
	26	2.20			4				
		2.33							
8.	5	3.33	0.978	0.407	1				
	6 15	3.16			2				
	16 25	3.00			3				
	26	3.13			4				
		3.12							
9.	5	1.67	1.506	0.219	1				
	6 15	2.10			2				
	16 25	2.21			3				
	26	1.93			4				
		2.09							
10.	5	2.33	0.723	0.541	1				
	6 15	2.38			2				
	16 25	2.40			3				
	26	2.13			4				
		2.34							

< -3-11>

		(M)	F		LSD				
						1	2	3	4
11.	5	1.67	0.524	0.667	1				
	6 15	2.14			2				
	16 25	2.16			3				
	26	2.13			4				
		2.13							
12. 가	5	1.67	0.734	0.534	1				
	6 15	1.96			2				
	16 25	1.88			3				
	26	1.73			4				
		1.89							
13. ?	5	2.00	0.154	0.927	1				
	6 15	2.10			2				
	16 25	2.16			3				
	26	2.07			4				
		2.11							

4.

가. 가

1) 가

“가
가?” < -4-1> 39.0%가 , 61.0%가

(, 1990) 64.8%, 35.2%

가
가 .

< -4-1> 가

N					
	N	(%)	N	(%)	
	37	(44.6)	46	(55.4)	83
	2	(11.8)	15	(88.2)	17
	39	(39.0)	61	(61.0)	100
	4	(30.8)	9	(69.2)	13
	3	(12.5)	21	(87.5)	24
	17	(45.9)	20	(54.1)	37
	13	(61.9)	8	(38.1)	21
	37	(38.9)	58	(61.1)	95
10	21	(43.8)	27	(56.3)	48
11 20	9	(31.0)	20	(69.0)	29
21	9	(50.0)	9	(50.0)	18
	39	(41.1)	56	(58.9)	95
30	7	(63.6)	4	(36.4)	11
31 40	13	(41.9)	18	(58.1)	31
41 50	11	(34.4)	21	(65.6)	32
51	8	(30.8)	18	(69.2)	26
	39	(39.0)	61	(61.0)	100

(: N-)

*
p < .05

44.6%, 55.4% ,
 11.8%, 88.2% , 가 가
 가
 , 30.8%,
 12.5%, 45.9%, 61.9%
 , 가 .

2) 가

가 <
 - 4- 2> “ ” 51.2%, “ 가 ” 34.1%, “
 ” 7.3%, “ ” 7.3% , , ,
 가 .

< - 4- 2> 가

		가										N	
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
		18	(47.4)	3	(7.9)	14	(36.8)	3	(7.9)	0	(0.0)	38	$\chi^2 =$
		3	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	3.083
		21	(51.2)	3	(7.3)	14	(34.1)	3	(7.3)	0	(0.0)	41	
		5	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	5	
		3	(75.0)	1	(25.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	
		6	(35.3)	2	(11.8)	6	(35.3)	3	(17.6)	0	(0.0)	17	$\chi^2 =$
		6	(46.2)	0	(0.0)	7	(53.8)	0	(0.0)	0	(0.0)	13	15.519
		20	(51.3)	3	(7.7)	13	(33.3)	3	(7.7)	0	(0.0)	39	
10		12	(54.5)	2	(9.1)	6	(27.3)	2	(9.1)	0	(0.0)	22	
	11 20	3	(33.3)	0	(0.0)	5	(55.6)	1	(11.1)	0	(0.0)	9	$\chi^2 =$
	21	6	(60.0)	1	(10.0)	3	(30.0)	0	(0.0)	0	(0.0)	10	4.178
		21	(51.2)	3	(7.3)	14	(34.1)	3	(7.3)	0	(0.0)	41	
30		3	(42.9)	1	(14.3)	3	(42.9)	0	(0.0)	0	(0.0)	7	
	31 40	8	(61.5)	0	(0.0)	4	(30.8)	1	(7.7)	0	(0.0)	13	
	41 50	5	(38.5)	1	(7.7)	5	(38.5)	2	(15.4)	0	(0.0)	13	$\chi^2 =$
	51	5	(62.5)	1	(12.5)	2	(25.0)	0	(0.0)	0	(0.0)	8	5.412
		21	(51.2)	9	(7.3)	14	(34.1)	39	(7.3)	0	(0.0)	41	

(: N-)

3) 가

가 < -4-3> “ ” 38.0% , “ ” 33.3% “ ” 25.4% . “ 가 ” 29.6% . , , 가 .

< -4-3> 가

가															N		
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
		19	(34.5)	15	(27.3)	18	(32.7)	2	(3.6)	0	(0.0)	1	(1.8)	0	(0.0)	55	$\chi^2 = 3.017$
		8	(50.0)	3	(18.8)	3	(18.8)	1	(6.3)	0	(0.0)	1	(6.3)	0	(0.0)	16	
		27	(38.0)	18	(25.4)	21	(29.6)	3	(33.3)	0	(0.0)	2	(2.8)	0	(0.0)	71	
		7	(58.3)	3	(25.0)	2	(16.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	12	$\chi^2 = 11.805$
		10	(41.7)	5	(20.8)	6	(25.0)	2	(8.3)	0	(0.0)	1	(4.2)	0	(0.0)	24	
		9	(37.5)	7	(29.2)	6	(25.0)	1	(4.2)	0	(0.0)	1	(4.2)	0	(0.0)	24	
		0	(0.0)	3	(37.5)	5	(62.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	8	
		26	(38.2)	18	(26.5)	19	(27.9)	3	(4.4)	0	(0.0)	2	(2.9)	0	(0.0)	68	
10		13	(40.6)	5	(15.6)	10	(31.3)	2	(6.3)	0	(0.0)	2	(6.3)	0	(0.0)	32	$\chi^2 = 7.419$
11 20		6	(30.0)	7	(35.0)	6	(30.0)	1	(5.0)	0	(0.0)	0	(0.0)	0	(0.0)	20	
21		7	(50.0)	5	(35.7)	2	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	14	
		26	(39.4)	17	(25.8)	18	(27.3)	3	(4.5)	0	(0.0)	0	(0.0)	0	(0.0)	66	
30		4	(66.7)	2	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	$\chi^2 = 10.711$
31 40		5	(25.0)	4	(20.0)	8	(40.0)	2	(10.0)	0	(0.0)	1	(5.0)	0	(0.0)	20	
41 50		9	(40.9)	4	(18.2)	7	(31.8)	1	(4.5)	0	(0.0)	1	(4.5)	0	(0.0)	22	
51		9	(39.1)	8	(34.8)	6	(26.1)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	23	
		27	(38.0)	18	(25.4)	21	(29.6)	3	(4.2)	0	(0.0)	2	(0.0)	0	(0.0)	71	

(: N-)

(: N-)

가 . 1) “ ?” < -4-4> “ ” 20.0%, “ ” 35.8%, “ ” 44.2% . , , , 가 .

< -4-4>

N											
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	2	(2.6)	15	(19.2)	32	(41.0)	29	(37.2)	0	(0.0)	78
	0	(0.0)	2	(11.8)	2	(11.8)	11	(64.7)	2	(11.8)	17
	2	(2.1)	17	(17.9)	34	(35.8)	40	(42.1)	2	(2.1)	95
	0	(0.0)	0	(0.0)	4	(30.8)	7	(53.8)	2	(15.4)	13
	0	(0.0)	1	(4.3)	5	(21.7)	17	(73.9)	0	(0.0)	23
	1	(2.9)	9	(25.7)	13	(37.1)	12	(34.3)	0	(0.0)	35
	1	(5.0)	5	(25.0)	11	(55.0)	3	(15.0)	0	(0.0)	20
	2	(2.2)	15	(16.5)	33	(36.3)	39	(42.9)	2	(2.2)	91
10	2	(4.4)	7	(15.6)	18	(40.0)	18	(40.0)	0	(0.0)	45
11 20	0	(0.0)	9	(32.1)	7	(25.0)	12	(42.9)	0	(0.0)	28
21	0	(0.0)	1	(5.6)	8	(44.4)	7	(38.9)	2	(11.1)	18
	2	(2.2)	17	(18.7)	33	(36.3)	37	(40.7)	2	(2.2)	91
30	1	(9.1)	3	(27.3)	4	(36.4)	3	(27.3)	0	(0.0)	11
31 40	1	(3.6)	7	(25.0)	13	(46.4)	7	(25.0)	0	(0.0)	28
41 50	0	(0.0)	4	(12.9)	9	(29.0)	18	(58.1)	0	(0.0)	31
51	0	(0.0)	3	(12.0)	8	(32.0)	12	(48.0)	2	(8.0)	25
	2	(2.1)	17	(17.9)	34	(35.8)	40	(42.1)	2	(2.1)	95

(: N-)

* p< .05

. 21.8%, 41.0%, .

37.2% , . 11.8%, 11.8%,

. 76.5% .

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< -4-5>

“

” 47.4%, “ ” 31.6%, “ ” 8.8%, “ ” 7.0%,

“ ” 5.3% . , , , 가

.

< -4-5>

N													
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
	18	(42.9)	3	(7.1)	15	(35.7)	3	(7.1)	3	(7.1)	0	(0.0)	42
	9	(60.0)	2	(13.3)	3	(20.0)	0	(0.0)	1	(6.7)	0	(0.0)	15
	27	(47.4)	5	(8.8)	18	(31.6)	3	(5.3)	4	(7.0)	0	(0.0)	57
	8	(66.7)	0	(0.0)	2	(16.7)	1	(8.3)	1	(8.3)	0	(0.0)	12
	8	(38.1)	4	(19.0)	6	(28.6)	2	(9.5)	1	(4.8)	0	(0.0)	21
	8	(44.4)	1	(5.6)	8	(44.4)	0	(0.0)	1	(5.6)	0	(0.0)	18
	2	(50.0)	0	(0.0)	2	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	4
	26	(47.3)	5	(9.1)	18	(32.7)	3	(5.5)	3	(5.5)	0	(0.0)	55
10	13	(48.1)	3	(11.1)	9	(33.3)	0	(0.0)	2	(7.4)	0	(0.0)	27
11 20	5	(38.5)	0	(0.0)	4	(30.8)	3	(23.1)	1	(7.7)	0	(0.0)	13
21	7	(53.8)	1	(7.7)	5	(38.5)	0	(0.0)	0	(0.0)	0	(0.0)	13
	25	(47.2)	4	(7.5)	18	(34.0)	3	(5.7)	3	(5.7)	0	(0.0)	53
30	2	(33.3)	0	(0.0)	4	(66.7)	0	(0.0)	0	(0.0)	0	(0.0)	6
31 40	6	(50.0)	0	(0.0)	5	(41.7)	0	(0.0)	1	(8.3)	0	(0.0)	12
41 50	8	(40.0)	3	(15.0)	6	(30.0)	3	(15.0)	0	(0.0)	0	(0.0)	20
51	11	(57.9)	2	(10.5)	3	(15.0)	0	(0.0)	3	(15.8)	0	(0.0)	19
	27	(47.4)	5	(8.8)	18	(31.6)	3	(5.3)	4	(7.0)	0	(0.0)	57

(: N-)

.

1) 가

“ 가 가 ?”

< -4-6> “ 가 가 ” 78.4%, “ 가 가 ” 21.6% 가
가 . 가

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, “10 ” “11 20 ” 가
66.7%, 79.3% , 21 “ ” 100%

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가

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< -4-6> 가

N					
	N	(%)	N	(%)	
	62	(77.5)	18	(22.5)	$\chi^2 =$
	14	(82.4)	3	(17.6)	0.195
	76	(78.4)	21	(21.6)	
	13	(100.0)	0	(0.0)	
	20	(83.3)	4	(16.7)	$\chi^2 =$
	26	(74.3)	9	(25.7)	7.360
	13	(61.9)	8	(38.1)	
	72	(77.4)	21	(22.6)	
10	30	(66.7)	15	(33.3)	
11 20	23	(79.3)	6	(20.7)	$\chi^2 =$
21	18	(100.0)	0	(0.0)	8.219*
	71	(77.2)	21	(22.8)	
30	4	(36.4)	7	(63.6)	
31 40	21	(75.0)	7	(25.0)	
41 50	29	(90.6)	3	(9.4)	$\chi^2 =$
51	22	(84.6)	4	(15.4)	15.061*
	76	(78.4)	21	(21.6)	

(: N-)

* p< .05

, 30 “ 가 ” 36.4% 가
, 41 50 “ 가 ” 90.6% 가 .
< -4-7> “ ” 30.1%,
“ ” 25.3%, “ ” 14.5%, “ ” 14.5%, “ ” 13.3% , “ ” 1.2%,
“ 가 ” 1.2% . 가
. , 10 “ ”
33.3%, “ ” 22.2%, “ ” 19.4%, “ ”
16.7% , 11 20 “ ” 37.5%, “ ” 33.3%, “ ” 12.5%, “ ” 8.3% .
21 “ ” 50.0%, “ ” 22.2%, “

” 16.7%, “ ” 11.1% .

< -4-7> 가

		가														N	
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
		7	(10.4)	17	(25.4)	22	(32.8)	9	(13.4)	0	(0.0)	11	(16.4)	1	(1.5)	67	
		5	(31.3)	4	(25.0)	3	(18.8)	2	(12.5)	1	(6.3)	1	(6.3)	0	(0.0)	16	$\chi^2=$
		12	(14.5)	21	(25.3)	25	(30.1)	11	(13.3)	1	(1.2)	12	(14.5)	1	(1.2)	83	10.076
		3	(23.1)	2	(15.4)	7	(53.8)	0	(0.0)	0	(0.0)	1	(7.7)	0	(0.0)	13	
		3	(13.0)	7	(30.4)	8	(34.8)	3	(13.0)	1	(4.3)	1	(4.3)	0	(0.0)	23	
		8	(10.3)	8	(27.6)	6	(20.7)	7	(24.1)	0	(0.0)	5	(17.2)	0	(0.0)	29	$\chi^2=$
		1	(7.1)	3	(3.8)	4	(28.6)	0	(0.0)	0	(0.0)	5	(35.7)	1	(7.1)	14	25.443
		10	(12.7)	20	(25.3)	25	(31.6)	10	(12.7)	1	(1.3)	12	(15.2)	1	(1.3)	79	
10		7	(19.4)	12	(33.3)	6	(16.7)	8	(22.2)	0	(0.0)	2	(5.6)	1	(2.8)	36	
11	20	1	(4.2)	3	(12.5)	9	(37.5)	2	(8.3)	1	(4.2)	8	(33.3)	0	(0.0)	24	$\chi^2=$
21		3	(16.7)	4	(22.2)	9	(50.0)	0	(0.0)	0	(0.0)	2	(11.1)	0	(0.0)	18	26.029*
		11	(14.1)	19	(24.4)	24	(30.8)	10	(12.8)	1	(1.3)	12	(15.4)	1	(1.3)	78	
30		0	(0.0)	1	(16.7)	1	(16.7)	3	(50.0)	0	(0.0)	1	(16.7)	0	(0.0)	6	
31	40	2	(9.1)	6	(27.3)	8	(36.4)	2	(9.1)	0	(0.0)	3	(13.6)	1	(4.5)	22	$\chi^2=$
41	50	5	(16.7)	6	(20.0)	8	(26.7)	5	(16.7)	1	(3.3)	5	(16.7)	0	(0.0)	30	16.774
51		5	(20.0)	8	(32.0)	8	(32.0)	1	(4.0)	0	(0.0)	3	(12.0)	0	(0.0)	25	
		12	(14.5)	21	(25.3)	25	(30.1)	11	(13.3)	1	(1.2)	12	(14.5)	1	(1.2)	83	

(: N-)

* p< .05

2) 가

가 가 < -4-8> “

” 34.5%, “ ” 32.2%, “ ” 17.2%, “ ” 16.1% .

가

, 10 “ ” 45.2%, “ ” 31.0%, 11 20 “ ” 41.7%, “ ” 29.2%, 21 “ ” 37.5%, “ ” 31.3% .

< -4-8> 가

N									
	N	(%)	N	(%)	N	(%)	N	(%)	
	23	(31.9)	14	(19.4)	14	(19.4)	21	(29.2)	72
	7	(46.7)	1	(6.7)	0	(0.0)	7	(46.7)	15 $\chi^2=$
	30	(34.5)	15	(17.2)	14	(16.1)	28	(32.2)	87 6.054
	1	(11.1)	0	(0.0)	4	(44.4)	4	(44.4)	9
	9	(39.1)	4	(17.4)	1	(4.3)	9	(39.1)	23
	11	(35.5)	9	(29.0)	3	(9.7)	8	(25.8)	31 $\chi^2=$
	8	(40.0)	2	(10.0)	4	(20.0)	6	(30.0)	20 15.451
	29	(34.9)	15	(18.1)	12	(14.5)	27	(32.5)	83
10	19	(45.2)	4	(9.5)	6	(14.3)	13	(31.0)	42
11 20	7	(29.2)	6	(25.0)	1	(4.2)	10	(41.7)	24 $\chi^2=$
21	2	(12.5)	5	(31.3)	6	(37.5)	3	(8.8)	16 16.175 *
	28	(34.1)	15	(18.3)	13	(15.9)	26	(31.7)	82
30	4	(40.0)	1	(10.0)	3	(30.0)	2	(20.0)	10
31 40	9	(37.5)	3	(12.5)	3	(12.5)	9	(37.5)	24
41 50	12	(38.7)	5	(16.1)	2	(6.5)	12	(38.7)	31 $\chi^2=$
51	5	(22.7)	6	(27.3)	6	(27.3)	5	(22.7)	22 9.705
	30	(34.5)	15	(17.2)	14	(16.1)	28	(32.2)	87

(: N-)

* p< .05

3)

< -4-9> “ ”

58.3%, “ ” 13.5%, “ ” 13.5%, “

” 10.4%, “ ” 4.2% . 가
 .
 , 30 가 “ ” 54.5%, “ ”
 18.2%, 31 40 가 “ ” 58.1%, “ ” 16.1%, 41 50 가 “
 ” 43.3%, “ ” 33.3%, 51 “ ”
 79.2%, “ ” 10.4% .

< -4-9>

N										
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
	46	(58.2)	10	(12.7)	4	(5.1)	10	(12.7)	9	(11.4)
	10	(58.8)	3	(17.6)	0	(0.0)	3	(17.6)	1	(5.9)
	56	(58.3)	13	(13.5)	4	(4.2)	13	(13.5)	10	(10.4)
	8	(66.7)	4	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)
	14	(58.3)	3	(12.5)	2	(8.3)	4	(16.7)	1	(4.2)
	19	(52.8)	4	(11.1)	2	(5.6)	8	(22.2)	3	(8.3)
	11	(55.0)	2	(10.0)	0	(0.0)	1	(5.0)	6	(30.0)
	52	(56.5)	13	(14.1)	4	(4.3)	13	(14.1)	10	(10.9)
10	28	(58.3)	6	(12.5)	3	(6.3)	5	(10.4)	6	(12.5)
11 20	14	(51.9)	5	(18.5)	1	(3.7)	5	(18.5)	2	(7.4)
21	10	(58.8)	2	(11.8)	0	(0.0)	3	(17.6)	2	(11.8)
	52	(56.5)	13	(14.1)	4	(4.3)	13	(14.1)	10	(10.9)
30	6	(54.5)	1	(9.1)	1	(9.1)	1	(9.1)	2	(18.2)
31 40	18	(58.1)	5	(16.1)	2	(6.5)	2	(6.5)	4	(12.9)
41 50	13	(43.3)	5	(16.7)	1	(3.3)	10	(33.3)	1	(3.3)
51	19	(79.2)	2	(8.3)	0	(0.0)	0	(0.0)	3	(12.5)
	56	(58.3)	13	(13.5)	4	(4.2)	13	(13.5)	10	(10.4)

(: N-)

*
p< .05

4)

< -4-10> “
 ” 46.4%, “ ” 26.8%, “
 ” 14.4%, “ 가 ” 12.4% . , , ,
 가 .

< - 4- 10>

		가				N				
		N	(%)	N	(%)	N	(%)	N	(%)	
		1	(13.8)	37	(46.3)	12	(15.0)	20	(25.0)	80
		1	(5.9)	8	(47.1)	2	(11.8)	6	(35.3)	17
		12	(12.4)	45	(46.4)	14	(14.4)	26	(26.8)	97
										$\chi^2=1.359$
		2	(15.4)	6	(46.2)	0	(0.0)	0	(0.0)	13
		3	(12.5)	9	(37.5)	4	(16.7)	8	(33.3)	24
		6	(16.7)	19	(52.8)	3	(8.3)	8	(22.2)	36
		1	(5.0)	9	(45.0)	7	(35.0)	3	(15.0)	20
										$\chi^2=12.947$
		12	(12.9)	43	(46.2)	14	(15.1)	24	(25.8)	93
	10	5	(10.4)	26	(54.2)	4	(8.3)	13	(27.1)	48
	11 20	5	(18.5)	10	(37.0)	8	(29.6)	4	(14.8)	27
										$\chi^2=12.024$
	21	1	(5.6)	7	(38.9)	2	(11.1)	8	(44.4)	18
		11	(11.8)	43	(46.2)	14	(15.1)	25	(26.9)	93
	30	1	(9.1)	6	(54.5)	1	(9.1)	3	(27.3)	11
	31 40	7	(22.6)	15	(48.4)	4	(12.9)	5	(16.1)	31
	41 50	3	(10.0)	11	(36.7)	5	(16.7)	11	(36.7)	30
	51	1	(4.0)	13	(52.0)	4	(16.0)	7	(28.0)	25
										$\chi^2=8.060$
		12	(12.4)	45	(46.4)	14	(14.4)	26	(26.8)	97

(: N-)

5)

< - 4- 11> “

” 63.9%, “

” 15.5%, “

” 15.5%, “

가

” 4.1%

.

가

.

“

”

61.5%, “

” 38.5%, “

” 83.3%, “

” 12.5%,

“

” 61.1%, “

” 25.0%,

“

” 40.0%, “

” 30.0%

.

“

”

“

”

.

< -4- 11>

가											N	
	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)		
	49	(61.3)	13	(16.3)	14	(17.5)	3	(3.8)	1	(1.3)	80	$\chi^2 =$ 2.281
	13	(76.5)	2	(11.8)	1	(5.9)	1	(5.9)	0	(0.0)	17	
	62	(63.9)	15	(15.5)	15	(15.5)	4	(4.1)	1	(1.0)	97	
	8	(61.5)	5	(38.5)	0	(0.0)	0	(0.0)	0	(0.0)	13	$\chi^2 =$ 24.125 [*]
	20	(83.3)	3	(12.5)	0	(0.0)	1	(4.2)	0	(0.0)	24	
	22	(61.1)	4	(11.1)	9	(25.0)	1	(2.8)	0	(0.0)	36	
	8	(40.0)	3	(15.0)	6	(30.0)	2	(10.0)	1	(1.1)	20	
	58	(62.4)	15	(16.1)	15	(16.1)	4	(4.3)	1	(1.1)	93	
10	32	(66.7)	6	(12.5)	7	(14.6)	2	(4.2)	1	(2.1)	48	$\chi^2 =$ 10.724
11 20	18	(66.7)	2	(7.4)	6	(22.2)	1	(3.7)	0	(0.0)	27	
21	9	(50.0)	7	(38.9)	2	(11.1)	0	(0.0)	0	(0.0)	18	
	59	(63.4)	15	(16.1)	15	(16.1)	3	(3.2)	1	(1.1)	93	
30	4	(36.4)	1	(9.1)	5	(45.5)	1	(9.1)	0	(0.0)	11	$\chi^2 =$ 18.527
31 40	19	(61.3)	5	(16.1)	4	(12.9)	2	(6.5)	1	(3.2)	31	
41 50	24	(80.0)	2	(6.7)	3	(10.0)	1	(1.0)	0	(0.0)	30	
51	15	(60.0)	7	(28.0)	3	(12.0)	0	(0.0)	0	(0.0)	25	
	62	(63.9)	15	(15.5)	15	(15.5)	4	(4.1)	1	(1.0)	97	

(: N-)

^{*}
p < .05

1)

가

2, 3, 5, 6, 7, 8, 9, 10, 15, 16

가 1, 17, 18, 21, 22 1

“ ” 48.4%, “ ” 51.6%

가 , 4, 11, 12, 13, 14, 19, 20

20

“ ” 61.5%

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	N	(%)	N	(%)	N	(%)	N	(%)		
1.	6	(6.3)	40	(42.1)	44	(46.3)	5	(5.3)	2.51	0.70
2.	11	(11.6)	73	(76.8)	9	(9.5)	2	(2.1)	2.02	0.55
3.	5	(5.2)	39	(40.2)	51	(52.6)	2	(2.1)	2.52	0.63
4.	21	(21.6)	71	(73.2)	5	(5.2)	97	(100.0)	1.84	0.49
5. 가	7	(7.3)	46	(47.9)	40	(41.7)	3	(3.1)	2.41	0.67
6.	16	(16.5)	71	(73.2)	8	(8.2)	2	(2.1)	1.96	0.58
7.	6	(6.5)	67	(72.0)	19	(20.4)	1	(1.1)	2.16	0.54
8. 가	10	(10.8)	66	(71.0)	15	(16.1)	2	(2.2)	2.10	0.59
9. 가 가	6	(6.5)	50	(54.3)	34	(37.0)	2	(2.2)	2.35	0.64
10.	4	(4.3)	48	(51.6)	37	(39.8)	4	(4.3)	2.44	0.65
11.	5	(5.4)	17	(18.3)	57	(61.3)	14	(15.1)	2.86	0.73
12.	1	(1.1)	27	(29.0)	55	(59.1)	10	(10.8)	2.80	0.64
13.	4	(4.3)	10	(10.8)	63	(67.7)	16	(17.2)	2.98	0.68
14. (, , ,)	2	(2.2)	22	(24.7)	60	(67.4)	5	(5.6)	2.76	0.58
15.	2	(2.2)	32	(34.8)	53	(57.6)	5	(5.4)	2.66	0.62
16.	12	(13.0)	53.	(57.6)	27	(29.3)	0	(0.0)	2.16	0.63
17.	1	(1.1)	26	(28.3)	59	(64.1)	6	(6.5)	2.76	0.58
18.	8	(8.6)	61	(65.6)	22	(23.7)	2	(2.2)	2.19	0.61
19. 가	1	(1.1)	35	(38.6)	54	(58.7)	2	(2.2)	2.62	0.55
20.	2	(2.2)	54	(59.3)	34	(37.4)	1	(1.1)	2.37	0.55
21. 가	6	(6.5)	67	(72.0)	20	(21.5)	0	(0.0)	2.15	0.51
22.	2	(2.2)	26	(28.0)	60	(64.5)	5	(5.4)	2.73	0.59

2)

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-4- 13>, < -4- 13>, < -4- 13>, < -4- 13> .

< -4- 13>

												t	
		N	%	N	%	N	%	N	%				
1.		5	(5.3)	36	(37.9)	36	(37.9)	1	(1.1)	2.42	0.63	-2.529	0.013
		1	(1.1)	4	(4.2)	8	(8.4)	4	(4.2)	2.88	0.86		
		6	(6.3)	40	(42.1)	44	(46.3)	5	(5.3)	2.51	0.70		
2.		8	(8.4)	65	(68.4)	4	(4.2)	1	(1.1)	1.97	0.46	-1.254	0.226
		3	(3.2)	8	(8.4)	5	(5.3)	1	(1.1)	2.24	0.83		
		11	(11.6)	73	(76.8)	9	(9.5)	2	(2.1)	2.02	0.55		
3.		4	(4.1)	32	(33.0)	43	(43.3)	1	(1.0)	2.51	0.62	-0.100	0.921
		1	(1.0)	7	(7.2)	8	(8.2)	1	(1.0)	2.53	0.72		
		5	(5.2)	39	(40.2)	51	(52.6)	2	(2.1)	2.52	0.63		
4.		17	(17.5)	60	(61.9)	3	(3.1)	80	(82.5)	1.82	0.47	-0.433	0.666
		4	(4.1)	11	(11.3)	2	(2.1)	17	(17.5)	1.88	0.60		
		21	(21.6)	71	(73.2)	5	(5.2)	97	(100.0)	1.84	0.49		
5.	가	6	(6.3)	37	(38.5)	33	(34.4)	3	(3.1)	2.42	0.69	0.358	0.721
		1	(1.0)	9	(9.4)	7	(7.3)	0	(0.0)	2.35	0.61		
		7	(7.3)	46	(47.9)	40	(41.7)	3	(3.1)	2.41	0.67		
6.		13	(13.4)	59	(60.8)	6	(6.2)	2	(2.1)	1.96	0.58	0.138	0.891
		3	(3.1)	12	(12.4)	2	(2.1)	0	(0.0)	1.94	0.56		
		16	(16.5)	71	(73.2)	8	(8.2)	2	(2.1)	1.96	0.58		
7.		5	(5.4)	53	(57.0)	17	(18.3)	1	(1.1)	2.18	0.56	0.868	0.388
		1	(1.1)	14	(15.1)	2	(2.2)	0	(0.0)	2.06	0.43		
		6	(6.5)	67	(72.0)	19	(20.4)	1	(1.1)	2.16	0.54		
8.	가	9	(9.7)	53	(57.0)	12	(12.9)	2	(2.2)	2.09	0.61	-0.160	0.873
		1	(1.1)	13	(14.0)	3	(3.2)	0	(0.0)	2.12	0.49		
		10	(10.8)	66	(71.0)	15	(16.1)	2	(2.2)	2.10	0.59		
9.	가 가	3	(3.3)	42	(45.7)	28	(30.4)	2	(2.2)	2.39	0.61	1.233	0.221
		3	(3.3)	8	(8.7)	6	(6.5)	0	(0.0)	2.18	0.73		
		6	(6.5)	50	(54.3)	34	(37.0)	2	(2.2)	2.35	0.64		
10.		3	(3.2)	38	(40.9)	31	(33.3)	4	(4.3)	2.47	0.66	1.029	0.306
		1	(1.1)	10	(10.8)	6	(6.5)	0	(0.0)	2.29	0.59		
		4	(4.3)	48	(51.6)	37	(39.8)	4	(4.3)	2.44	0.65		
11.		4	(4.3)	13	(14.0)	47	(50.5)	12	(12.9)	2.88	0.73	0.594	0.554
		1	(1.1)	4	(4.3)	10	(10.8)	2	(2.2)	2.76	0.75		
		5	(5.4)	17	(18.3)	57	(61.3)	14	(15.1)	2.86	0.73		
12.		0	(0.0)	26	(28.0)	41	(44.1)	9	(9.7)	2.78	0.64	-0.620	0.537
		1	(1.1)	1	(1.1)	14	(15.1)	1	(1.1)	2.88	0.60		
		1	(1.1)	27	(29.0)	55	(59.1)	10	(10.8)	2.80	0.64		
13.		3	(3.2)	10	(10.8)	49	(52.7)	14	(15.1)	2.97	0.69	-0.144	0.885
		1	(1.1)	0	(0.0)	14	(15.1)	2	(2.2)	3.00	0.61		
		4	(4.3)	10	(10.8)	63	(67.7)	16	(17.2)	2.98	0.68		
14.	(, , ,)	3	(3.2)	38	(40.9)	31	(33.3)	4	(4.3)	2.47	0.66	1.029	0.306
		0	(0.0)	8	(9.0)	8	(9.0)	1	(1.1)	2.59	0.62		
		4	(4.3)	48	(51.6)	37	(39.8)	4	(4.3)	2.44	0.65		
15.		4	(4.3)	13	(14.0)	47	(50.5)	12	(12.9)	2.88	0.73	0.594	0.554
		1	(1.1)	6	(6.5)	9	(9.8)	0	(0.0)	2.50	0.63		
		5	(5.4)	17	(18.3)	57	(61.3)	14	(15.1)	2.86	0.73		
16.		0	(0.0)	26	(28.0)	41	(44.1)	9	(9.7)	2.78	0.64	-0.620	0.537
		0	(0.0)	13	(14.1)	4	(4.3)	0	(0.0)	2.24	0.44		
		1	(1.1)	27	(29.0)	55	(59.1)	10	(10.8)	2.80	0.64		
17.		3	(3.2)	10	(10.8)	49	(52.7)	14	(15.1)	2.97	0.69	-0.144	0.885
		1	(1.1)	4	(4.3)	11	(12.0)	1	(1.1)	2.71	0.69		
		4	(4.3)	10	(10.8)	63	(67.7)	16	(17.2)	2.98	0.68		

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		N	%	N	%	N	%	N	%				
18.		6	(6.5)	49	(52.7)	19	(20.4)	2	(2.2)	2.22	0.62	1.003	0.318
		2	(2.2)	12	(12.9)	3	(3.2)	0	(0.0)	2.06	0.56		
		8	(8.6)	61	(65.6)	22	(23.7)	2	(2.2)	2.19	0.61		
19. 가		1	(1.1)	28	(30.4)	45	(48.9)	1	(1.1)	2.61	0.54	-0.226	0.821
		0	(0.0)	7	(7.6)	6	(9.8)	1	(1.1)	2.65	0.61		
		1	(1.1)	35	(38.6)	54	(58.7)	2	(2.2)	2.62	0.55		
20.		2	(2.2)	48	(52.7)	25	(27.5)	0	(0.0)	2.31	0.52	-2.590	0.011'
		0	(0.0)	6	(6.6)	9	(9.9)	1	(1.1)	2.69	0.60		
		2	(2.2)	54	(59.3)	34	(37.4)	1	(1.1)	2.37	0.55		
21. 가		4	(4.3)	55	(59.1)	17	(18.3)	0	(0.0)	2.17	0.50	0.819	0.415
		2	(2.2)	12	(12.9)	3	(3.2)	0	(0.0)	2.06	0.56		
		6	(6.5)	67	(72.0)	20	(21.5)	0	(0.0)	2.15	0.51		
22.		1	(1.1)	23	(24.7)	48	(51.6)	4	(4.3)	2.72	0.58	-0.257	0.798
		1	(1.1)	3	(3.2)	12	(12.9)	1	(1.1)	2.76	0.66		
		2	(2.2)	26	(28.0)	60	(64.5)	5	(5.4)	2.73	0.59		

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				F		LSD				
							1	2	3	4
1.		3.00	0.58	3.950	0.011'	1				
		2.61	0.78			2				
		2.46	0.70			3	*			
		2.20	0.52			4	*			
		2.52	0.70							
2.		2.15	0.55	0.947	0.422	1				
		2.13	0.69			2				
		1.97	0.51			3				
		1.90	0.45			4				
		2.02	0.56							
3.		2.69	0.75	3.625	0.016'	1				
		2.17	0.70			2	*			
		2.56	0.56			3		*		
		2.70	0.47			4		*		
		2.51	0.64							
4.		1.85	0.55	0.186	0.906	1				
		1.79	0.59			2				
		1.89	0.46			3				
		1.85	0.37			4				
		1.85	0.49							
5. 가		2.15	0.55	1.196	0.316	1				
		2.35	0.71			2				
		2.53	0.74			3				
		2.50	0.51			4				
		2.42	0.67							

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				F		LSD				
							1	2	3	4
6.		2.08	0.49	2.193	0.094	1				
		1.79	0.66			2				
		2.11	0.57			3		*		
		1.80	0.52			4				
		1.96	0.59							
7.		2.46	0.52	1.871	0.141	1				
		2.09	0.51			2	*			
		2.14	0.55			3				
		2.06	0.43			4	*			
		2.16	0.52							
8. 가		2.00	0.71	1.730	0.167	1				
		1.91	0.60			2				
		2.26	0.61			3		*		
		2.06	0.43			4				
		2.09	0.60							
9. 가 가		2.25	0.62	1.965	0.126	1				
		2.30	0.82			2				
		2.54	0.56			3				
		2.12	0.49			4			*	
		2.36	0.65							
10.		2.23	0.44	3.306	0.024	1				
		2.17	0.78			2				
		2.66	0.64			3	*	*		
		2.53	0.51			4				
		2.44	0.66							
11.		2.46	0.78	4.062	0.010	1				
		2.65	0.83			2				
		3.06	0.54			3	*	*		
		3.12	0.60			4	*	*		
		2.88	0.71							
12.		2.54	0.52	0.957	0.417	1				
		2.87	0.63			2				
		3.06	0.54			3				
		2.76	0.56			4				
		2.80	0.64							
13.		2.85	0.55	1.555	0.206	1				
		2.78	0.95			2				
		2.86	0.69			3				
		3.06	0.24			4				
		2.99	0.69							

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				F		LSD				
							1	2	3	4
14. (, , ,)		2.90	0.57	4.149	0.009	1				
		2.43	0.66			2	*			
		3.14	0.65			3		*		
		3.00	0.37			4		*		
		2.77	0.59							
15.		2.62	0.65	0.311	0.818	1				
		2.59	0.80			2				
		2.86	0.55			3				
		2.65	0.49			4				
		2.67	0.62							
16.		2.08	0.49	0.610	0.610	1				
		2.13	0.55			2				
		2.74	0.56			3				
		2.35	0.61			4				
		2.18	0.62							
17.		3.00	0.41	2.494	0.066	1				
		2.52	0.73			2	*			
		2.17	0.71			3				
		2.88	0.60			4		*		
		2.76	0.57							
18.		2.23	0.60	3.891	0.012	1				
		1.87	0.55			2				
		2.76	0.43			3		*		
		2.24	0.44			4				
		2.20	0.61							
19. 가		2.38	0.51	2.385	0.075	1				
		2.83	0.49			2	*			
		2.40	0.65			3		*		
		2.71	0.47			4				
		2.62	0.55							
20.		2.55	0.52	1.038	0.380	1				
		2.48	0.59			2				
		2.53	0.61			3				
		2.29	0.47			4				
		2.37	0.55							
21. 가		2.08	0.49	0.129	0.943	1				
		2.13	0.63			2				
		2.29	0.57			3				
		2.18	0.53			4				
		2.15	0.52							
22.		2.92	0.28	2.624	0.056	1				
		2.96	0.77			2				
		2.57	0.56			3		*		
		2.65	0.49			4				
		2.74	0.60							

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				F		LSD			
							1	2	3
1.	10	2.38	0.68	1.434	0.244	1			
	11 20	2.52	0.51			2			
	21	2.71	0.92			3			
		2.48	0.69						
2.	10	1.91	0.50	1.183	0.311	1			
	11 20	2.04	0.34			2			
	21	2.12	0.70			3			
		1.99	0.51						
3.	10	2.52	0.58	0.395	0.675	1			
	11 20	2.56	0.51			2			
	21	2.39	0.92			3			
		2.51	0.64						
4.	10	1.79	0.46	3.006	0.054	1			
	11 20	2.00	0.39			2			
	21	1.67	0.59			3		*	
		1.83	0.48						
5. 가	10	2.37	0.73	0.423	0.656	1			
	11 20	2.48	0.51			2			
	21	2.53	0.72			3			
		2.43	0.67						
6.	10	1.94	0.60	1.444	0.241	1			
	11 20	2.07	0.55			2			
	21	1.78	0.55			3			
		1.95	0.58						
7.	10	2.09	0.55	1.256	0.290	1			
	11 20	2.24	0.44			2			
	21	2.29	0.59			3			
		2.17	0.53						
8. 가	10	2.20	0.62	3.470	0.036	1			
	11 20	2.16	0.47			2			
	21	1.76	0.66			3	*	*	
		2.10	0.61						
9. 가 가	10	2.33	0.63	2.941	0.058	1			
	11 20	2.60	0.58			2			
	21	2.12	0.72			3		*	
		2.37	0.65						
10.	10	2.50	0.66	3.077	0.051	1			
	11 20	2.60	0.58			2			
	21	2.12	0.70			3	*	*	
		2.45	0.66						
11.	10	3.07	0.60	4.696	0.012	1			
	11 20	2.87	0.69			2			
	21	2.47	0.87			3	*		
		2.89	0.72						
12.	10	2.91	0.63	1.403	0.251	1			
	11 20	2.72	0.61			2			
	21	2.65	0.70			3			
		2.81	0.64						
13.	10	3.17	0.57	5.140	0.008	1			
	11 20	2.92	0.49			2			
	21	2.59	1.00			3	*		
		2.99	0.69						

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				Ft		LSD			
							1	2	3
14. (, , ,) .	10	2.82	0.53	0.930	0.399	1			
	11 20	2.83	0.38			2			
	21	2.60	0.91			3			
		2.79	0.58						
15. .	10	2.58	0.58	1.092	0.340	1			
	11 20	2.72	0.46			2			
	21	2.82	0.88			3			
		2.67	0.62						
16. .	10	2.15	0.70	0.430	0.652	1			
	11 20	2.28	0.61			2			
	21	2.12	0.49			3			
		2.18	0.64						
17. .	10	2.72	0.62	0.518	0.598	1			
	11 20	2.75	0.53			2			
	21	2.88	0.49			3			
		2.76	0.57						
18. .	10	2.30	0.63	1.354	0.264	1			
	11 20	2.12	0.53			2			
	21	2.06	0.66			3			
		2.20	0.61						
19. 가	10	2.70	0.59	0.917	0.403	1			
	11 20	2.52	0.51			2			
	21	2.56	0.51			3			
		2.62	0.55						
20. .	10	2.27	0.58	1.734	0.183	1			
	11 20	2.52	0.51			2			
	21	2.38	0.50			3			
		2.36	0.55						
21. 가	10	2.02	0.39	3.021	0.054	1			
	11 20	2.28	0.54			2	*		
	21	2.29	0.69			3			
		2.15	0.52						
22. .	10	2.63	0.61	1.660	0.196	1			
	11 20	2.72	0.61			2			
	21	2.94	0.56			3			
		2.72	0.61						

< - 4- 16 >

				F		LSD				
							1	2	3	4
1.	30	2.36	0.67	0.563	0.641	1				
	31 40	2.43	0.68			2				
	41 50	2.52	0.74			3				
	51	2.64	0.70			4				
		2.51	0.70							
2.	30	1.90	0.32	0.405	0.750	1				
	31 40	2.00	0.58			2				
	41 50	2.10	0.67			3				
	51	2.00	0.41			4				
		2.02	0.55							
3.	30	2.45	0.52	2.732	0.048	1				
	31 40	2.65	0.49			2				
	41 50	2.27	0.69			3		*		
	51	2.68	0.69			4			*	
		2.52	0.63							
4.	30	1.82	0.40	0.079	0.971	1				
	31 40	1.81	0.48			2				
	41 50	1.87	0.51			3				
	51	1.84	0.55			4				
		1.84	0.49							
5. 가	30	2.73	0.79	1.369	0.257	1				
	31 40	2.26	0.68			2	*			
	41 50	2.41	0.68			3				
	51	2.44	0.58			4				
		2.41	0.67							
6.	30	2.36	0.81	2.770	0.046	1				
	31 40	1.81	0.40			2	*			
	41 50	2.00	0.69			3				
	51	1.92	0.40			4	*			
		1.96	0.58							
7.	30	2.27	0.65	0.258	0.856	1				
	31 40	2.11	0.50			2				
	41 50	2.16	0.51			3				
	51	2.18	0.59			4				
		2.16	0.54							
8. 가	30	2.27	0.79	1.183	0.321	1				
	31 40	2.11	0.42			2				
	41 50	2.16	0.68			3				
	51	1.91	0.53			4				
		2.10	0.59							
9. 가 가	30	2.45	0.69	0.674	0.570	1				
	31 40	2.43	0.63			2				
	41 50	2.34	0.70			3				
	51	2.19	0.51			4				
		2.35	0.64							
10.	30	2.64	0.81	1.052	0.374	1				
	31 40	2.54	0.64			2				
	41 50	2.41	0.67			3				
	51	2.27	0.55			4				
		2.44	0.65							

< - 4- 16 >

				F		LSD				
							1	2	3	4
11.	30	3.18	0.60	4.063	0.009	1				
	31 40	3.14	0.52			2				
	41 50	2.69	0.78			3	*	*		
	51	2.59	0.80			4	*	*		
		2.86	0.73							
12.	30	2.91	0.70	1.043	0.377	1				
	31 40	2.93	0.60			2				
	41 50	2.69	0.78			3				
	51	2.64	0.49			4				
		2.80	0.64							
13.	30	3.18	0.40	1.215	0.309	1				
	31 40	3.11	0.50			2				
	41 50	2.75	0.72			3				
	51	2.82	0.66			4				
		2.98	0.68							
14. (, ,)	30	2.91	0.70	1.047	0.376	1				
	31 40	2.85	0.46			2				
	41 50	2.91	0.86			3				
	51	2.79	0.54			4				
		2.76	0.58							
15.	30	2.55	0.69	0.552	0.648	1				
	31 40	2.61	0.50			2				
	41 50	2.63	0.66			3				
	51	2.64	0.66			4				
		2.66	0.62							
16.	30	2.09	0.70	0.954	0.418	1				
	31 40	2.18	0.77			2				
	41 50	2.77	0.67			3				
	51	2.00	0.53			4				
		2.16	0.63							
17.	30	2.82	0.40	2.809	0.044	1				
	31 40	2.68	0.61			2				
	41 50	2.61	0.56			3				
	51	3.05	0.58			4		*	*	
		2.76	0.58							
18.	30	2.45	0.69	0.789	0.503	1				
	31 40	2.14	0.52			2				
	41 50	2.19	0.69			3				
	51	2.14	0.56			4				
		2.19	0.61							
19. 가	30	2.64	0.67	0.282	0.838	1				
	31 40	2.68	0.61			2				
	41 50	2.55	0.51			3				
	51	2.64	0.49			4				
		2.62	0.55							
20.	30	2.27	0.65	0.630	0.598	1				
	31 40	2.29	0.53			2				
	41 50	2.45	0.57			3				
	51	2.43	0.51			4				
		2.37	0.55							

< - 4- 16 >

				F		LSD				
							1	2	3	4
21. 가 .	30	2.09	0.30	0.486	0.693	1				
	31 40	2.07	0.54			2				
	41 50	2.22	0.55			3				
	51	2.18	0.50			4				
		2.15	0.51							
22. .	30	2.55	0.69	0.925	0.432	1				
	31 40	2.64	0.62			2				
	41 50	2.81	0.64			3				
	51	2.82	0.31			4				
		2.73	0.59							

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 .(60.6%), .(57.5%),
 가 .(53.8%), .(80.8%),
 가 .(59.9%),
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 .(84.4%), 가 .(72.7%),
 가 .(97.8%),
 .(62.2%),
 .(64.8%), .(95.9%),
 .(84.2%), .(68.5%),
 .(75.6%)
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 (88.4%), (94.8%), 가
 (81.8%), (70.6%),
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(5-1), pp. 45-51.

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| 2. | - 2(|) | 5 |
| 3. | - 3(|) | 9 |
| 4. | - 4(|) | 13 |

- 1 ()

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()

: (), ()
 : 19 (), 20-29 (), 30-39 (), 40-50 (), 50-59 (), 60 ()
 : (), (), (), (), (), ()
 : 5 (), 10 (), 15 (), 20 (), 20 ()
 : (), (), (), ()
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1. 가

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가. ()--> 2 . ()--> 3

2.

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4.

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5. 4 ?

가. ()
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1. 가 가 ?

가. ()-->2
 . ()-->3

2. ?

가. ()
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3. 가 가 ?

가. ()
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4. ?

가. ()
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5. 가 ?

가. 가 ()
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6. ?

가. ()
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7-1. .
가. .() . .() . .() . .()

7-2. .
가. .() . .() . .() . .()

7-3. .
가. .() . .() . .() . .()

7-4. .
가. .() . .() . .() . .()

7-5. 가 .
가. .() . .() . .() . .()

7-6. .
가. .() . .() . .() . .()

7-7. .
가. .() . .() . .() . .()

7-8. 가 .
가. .() . .() . .() . .()

7-9. 가 가 .
가. .() . .() . .() . .()

7- 10.				
가.	.()	.()	.()	.()
7- 11.				
가.	.()	.()	.()	.()
7- 12.				
가.	.()	.()	.()	.()
7- 13.				
가.	.()	.()	.()	.()
7- 14.	(, , ,)			
가.	.()	.()	.()	.()
7- 15.				
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7- 16.				
가.	.()	.()	.()	.()
7- 17.				
가.	.()	.()	.()	.()
7- 18.				
가.	.()	.()	.()	.()
7- 19.	가			
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7- 20.				
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7- 21.	가			
가.	.()	.()	.()	.()
7- 22.				
가.	.()	.()	.()	.()

- 2 ()

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()

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: 1 (), 2 (), 3 ()

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$$: \quad (), \quad (), \quad (), \quad ()$$
$$: \quad (), \quad (), \quad (), \quad (), \quad (), \quad (), \quad ()$$
$$: \quad (), \quad (), \quad (), \quad (), \quad (), \quad (), \quad ()$$

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1. 가

가. $() \rightarrow 2$. $() \rightarrow 3$

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4. ?

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5. 4 ?.

가. ()
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1. ?

가. () . () . ()
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2. ?

가. () . () . () . () . ()

3. 가 ?

가. () . () . 가 () . ()
. () . () . ()
. ()

4. ?

가. () . ()

5. ?

가. TV, () . , () . , () . ()
. 가 , () . () . , CD() ()

6. 가 ?

가. () . ()
. 가 가 () . () . ()

7. ?

가. ()

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8. ?
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10. 가 ?
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- 12-1. .
가. () . () . () . ()
- 12-2. .
가. () . () . () . ()
- 12-3. .
가. () . () . () . ()
- 12-4. .
가. () . () . () . ()
- 12-5. 가 .
가. () . () . () . ()
- 12-6. 가 .
가. () . () . () . ()
- 12-7. .
가. () . () . () . ()

12-8.
가. .() . .() . .() . .()

12-9.
가. .() . .() . .() . .()

12-10.
가. .() . .() . .() . .()

12-11.
가. .() . 가 .() . .() . .()

12-12.
가. .() . .() . .() . .()

12-13.
가. .() . 가 .() . .() . .()

12-14.
가. .() . .() . .() . .()

- 3 ()

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()

: (), ()
 : 20-29 (), 30-39 (), 40-50 (), 50-59 (), 60 ()
 : (), ()
 : 5 (), 6-15 (), 16-25 (), 26-35 (), 36 ()
 : (), (), (), ()
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1. 가 ?

가. ()-> 2 . ()-> 3

2. , ?

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3. , ?

가. ()
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4. ?

가. ()

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5. 4 ?.

가. ()

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2. 가 ?

가. . . .

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3. ?

가. . . .

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4. ?

가. . . .

5. ?

가. . ()

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10. ?
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11. ?
가. TV, () . , () . , () . ()
. 가 , () . () . , CD() . ()
12. 가 ?
가. . . 가 가
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16. 가 ?
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- 4 ()

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()

: (), ()
 : 19 (), 20-29 (), 30-39 (), 40-50 (), 50-59 (), 60 ()
 : (), ()
 : 5 (), 6-15 (), 16-25 (), 26-35 (), 36 ()
 : (), (), (), ()
 : ()

1. 가 ?
 가. ()-> 2 . ()-> 3

2. , ?
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3. , ?
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4. ?

가. ()
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 . ()-->5

5. 4 ?.

가. ()
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1. ?
 가. TV, () . , () . , () . ()
 . 가 , () . () . , CD() ()

2. ?
 가. () . ()
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3-1. 가 .
 가. .() . .() . .() . .()

3-2. .
 가. .() . .() . .() . .()

3-3. .
 가. .() . .() . .() . .()

3-4. 가 .
 가. .() . .() . .() . .()

3-5. 가 .
 가. .() . .() . .() . .()

3-6. .
 가. .() . .() . .() . .()

3-7.	.	.	.	.
가.	.() .	.() .	.() .	.()
3-8.	.	.	.	.
가.	.() .	.() .	.() .	.()
3-9.	.	.	.	.
가.	.() .	.() .	.() .	.()
3-10.	.	.	.	.
가.	.() .	.() .	.() .	.()
3-11.	.	.	.	.
가.	.() .	.() .	.() .	.()
3-12. 가	.	.	.	.
가.	.() .	.() .	.() .	.()
3-13.			?	
가.	.() .	.() .	.() .	.()