

( - )

29 78 . F - . 1996, 1, 82-103. 3-

가 , 가 87%가 6 4.6 : 1

10-14% 가 , 1-4%

2-9 가 , 1

21 , , , , , 가 가

(30% )

<ㅁㅁ>, <ㅏ>, <ㅑ>, <ㅓ>, <ㅕ>, <ㅗ>

### I.

(fluency disorders) <sup>1</sup>

---

<sup>1</sup> (stuttering) (cluttering) ,

(American Speech-Hearing-Language Association, 1995).

가

(Van Riper, 1982; Emerick, 1981; ASHA, 1995).

(Andrews, 1984).

70%가 6  
 50%가 3 , 90%가 8  
 ( , 1980), 55%가 5 ,  
 44  
 2 43%가 8  
 (Van Riper, 1982). Van Riper 55%가  
 5 93%가 10 . Johnson (1959)  
 46  
 3 .

가

(Van Riper, 1982).

(Van Riper, 1982). 2.4 : 1  
 2.9 : 1 가 가 , 4 : 1 ,  
 가 10 가 (Andrews et al., 1983).  
 2 : 1 ( , 1980).  
 Kidd, Kidd, and Records (1978) , ,  
 , X- , - .  
 - 가 . Van  
 Riper (1982)

(disfluency types)

(Zebrowski, 1994).

( )  
( )

5  
1990; Campbell & Hill, 1993).

(Conture,

Johnson (1959) 8

, , , , 가 가  
, , 가

Campbell and Hill (1993)

가 가 가

10가

Zebrowski (1994)

100

3

가

(1988)

2079

, 65.41% 가 (14%),  
(8.80%), (7.07%), (3.80%) 7

가 가 .  
 , 가 가 .  
 , Van Riper (1982)  
 가 가 (tonic) (clonic)  
 ,  
 (blocking)  
 가 가 ,  
 가 가 가 .  
 (1988)  
 , 가 <ㄱ>, <ㅈ>, <ㅊ>, <ㅎ>,  
 <ㅁ>  
 가  
 ,  
 (Conture, 1990; Zebrowski, 1994).

, 가 Iowa (Iowa Scale for Rating  
 Severity of Stuttering; Johnson, Darley & Spriestersbach, 1978)  
 (Stuttering Severity Instrument; Riley, 1972) . 가 , ,  
 ,  
 가 (Riley, 1972; Conture, LaSalle & Yaruss, 1990).  
 1%<sup>2</sup> ,  
 , 가  
 (Conrad, 1993),

---

<sup>2</sup> ( ) , 0.3% ( , 1980);  
 , 1.1% (Bloodstein, 1981); , 0.9% (13 , Andrews et al., 1983);  
 , 1.1% (18 , Andrews et al., 1983); , 1.2% (Van Riper, 1982); , 1.0% (Van  
 Riper, 1982); , 1.26% (Van Riper, 1982); , 0.82% (Van Riper, 1982).

( , 1982; , 1988)가

## II.

### 1.

3-29 78  
 (1) 가 (< -1> ) , (2)  
 (< -1> )  
 < -1>

< -1>

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	24	25	26	29		
	2	2	7	4	2	2	2	1	3	1	1	1	2			1	2	2	1		1		1	38		
	2		2		1		1	2			1									1				10		
		3	1		1	4	7				3			2	1				1	1		1		1	26	
	1					1		1							1										4	
	5	5	10	4	4	7	10	4	3	1	5	1	2	2	2	1	2	2	2	2	2	1	1	1	1	78

2.

가.

Riley (1972)가 “  
 ” (< -1> ).  
 . 가  
 0 45 , 200  
 50 100 가 (%) .  
 . Riley (1972)  
 ( , 1990) .  
 가 가 ,  
 ,  
 가 3 가 , 1 ( ), 2 (0.5  
 ), 3 (1 ), 4 (2-9 ), 5 (10-30 ), 6 (30-60 ), 7 (60 )  
 . , , ,  
 0 ( ), 1 ( )  
 ), 2 ( ), 3 ( ), 4 ( ), 5 ( )  
 4 .  
 .  
 (< -2> ). , ( , , ), ,  
 , ( , , , ), ,  
 , 가 100  
 .  
 . 가  
 2 가 “ 가 (S-scale)”  
 . 가 “ - ”

가 Erickson (1969) 가 , (Andrews & Cutler, 1974; Ornstein & Manning, 1985),

가 13 , 26 .

### 3 .

가 .  
1 30 2 ,  
가

가 ,  
“ ” ,

## III.

### 1 .

(type) 가  
( ) 3 29 78 .  
11 (81%), 가 82%  
4.6 1 . 가 가

2-3 가 37%

. 13 , 6 (87%)  
2 (2.6%)

4.7

< -2>

< -2>

( )	1	2	3	4	5	6	7	8	9	10	13	
		8	14	15	3	16	1	1	1	3	2	64
	1	2	4	1	4					2		14
	1	10	18	16	7	16	1	1	1	5	2	78
%	13	12.8	23	20.5	9	20.5	1.3	1.3	1.3	6.4	2.6	100
	1.2	14.1	37.1	57.6	66.6	87.6	88.4	87.7	91	97.4	100	100

2.

가 , , , , ,  
( < -1> ), < -3>  
, 가 가 ,  
가 , 가  
가



< -3 >

	0	2	21	29	12	64
	0	1	7	4	2	14
(%)	0(0)	3(3.8)	28(35.9)	33(42.3)	14(18.0)	78(100)

$\chi^2 = 2.316$   $df = 3, p > .05$

가.

가 100  
7 < -4 >

< -4 >

%	1-4	5-9	10-14	15-19	20-24	25-29	30-34
	16	15	20	7	2	3	64
	5	4	2	3	0	0	14
(%)	21 (26.9)	19 (24.4)	22 (28.2)	10 (12.8)	2 (2.6)	3 (3.8)	1 (1.3) 78 (100)

$\chi^2 = 34.45$   $df = 6, p < .01$

1-4% (92.3%) 20% , 5-9% , 20%  
10-14% 가 ,

가 3 1 ( )  
 ), 2 (0.5 ), 3 (1 ), 4 (2 -9 ), 5 (10 -30 ), 6 (30-60 ), 7 (60 )  
 , < -5> .

< -5>

	1	2	3	4	5	6	7	
	6	9	14	33	0	1	1	64
	1	5	2	6	0	0	0	14
(%)	7 (9.0)	14 (17.9)	16 (25.6)	39 (43.6)	0 (0)	1 (3.8)	1 (2.6)	78 (100)

$\chi^2 = 4.160$   $df = 6, p > .05$

2-9 (4 ) 가 , 1 (3 )  
 , 0.5 (2 ) . 5  
 , 가 .

0 ,  
 1 , 2 , 3 , 4 ,  
 5 , < -6> .  
 21  
 (4), (5), (6), (4),  
 (4), (2) 5 . 21 가  
 가 , , .  
 5 , , ,  
 (50% ) . 3 ( ) 가 , 2 ( )  
 ) .

< -6>

	1	2	3	4	5		(%)
							48(61.5)
	10	15	13	2		40	
		2	2			4	
	1	1				2	
		1				1	
			1			1	
							43(55.1)
	1	4	2	1		8	
	1	1				2	
	2	2	1	3		8	
	4	4	2	1	1	12	
	2	2	6	2		12	
				1		1	
							42(53.8)
	3	1	9		2	15	
	4	8	1			13	
		4	5	3		12	
	1		1			2	
							41(52.6)
	4	2	5			11	
	1	7	10	2		20	
	1	1	2			4	
	1	1	4			6	
							9(11.5)
		4	3			7	
			2			2	
(%)	36 (19.67)	60 (32.79)	69 (37.70)	15 (8.20)	3 (1.64)	183 (100)	78 (100)

(r) .06

(r = -.16),

(r = .08)

(r) .29

(p < .01)

3.

100

(< -2> ), < -7>

< -7>

(N = 78)

17											1		1
15												1	1
14								1				1	2
12								1				1	2
11								1					1
10								1		1			2
9										1	1		2
8		1								2	5		8
7		1						3			3		7
6		1						1		1	3		6
5		1	1				1	4	2	6	6		21
4		2		1				8	5	3	4		23
3	2	7	3	2	3		1	7	7	11	5		48
2	1	6	1	2			2	4	15	16	14	14	75
1	8	10	2	3	2	6	7	10	9	12	15	10	94
(%)	11 (3.8)	29 (9.9)	7 (2.4)	8 (2.8)	5 (1.7)	6 (2.0)	10 (3.4)	15 (5.1)	51 (17.4)	42 (14.3)	55 (18.8)	54 (18.4)	293 (100)

< -7>

( , , ),

( , , , ), ,

가 가

가

4.

가.

<ㅇ> 18

< -8>

가

<ㅁ>

<ㄴ>

(15%)

<ㅋ>, <ㅌ>, <ㅍ>, <ㅈ>

<ㄹ>

<ㅊ>

<ㅍ>, <ㅆ>, <ㅅ>, <ㅈ>

< -8>

	ㄱ	ㄲ	ㄴ	ㄷ	ㄸ	ㄹ	ㄺ	ㄻ	ㄼ	ㅁ	ㅂ	ㅃ	ㅄ	ㅅ	ㅆ	ㅇ	ㅋ	ㆁ	ㄷ	ㅈ	ㅊ	ㅌ	ㅍ	ㅎ	
	311	50	102	146	34	13	175	189	12	210	30	277	13	104	29	42	71	120	1928						
(%)	12.5	10.0	22.5	13.3	5.9	0	10.8	10.0	33.3	15.7	3.4	7.6	0	16.3	17.2	16.6	4.2	14.1	11.6						

< -9>

< -9>

	ㄱ, ㄲ, ㅁ, ㅂ	ㄴ, ㄷ, ㄸ, ㅌ, ㄹ, ㅈ, ㅊ, ㅆ, ㅅ, ㅈ	ㅊ, ㅆ, ㅅ	ㄱ, ㄲ, ㅋ	ㅎ
(%)	14.6	11.1	8.0	13.2	14.1

, < -10>

< -10>

	ㄱ, ㄷ, ㄹ, ㄴ, ㅈ	ㅊ, ㅅ, ㅆ, ㅍ, ㅌ	ㅋ, ㆁ, ㆅ, ㆆ
(%)	11.8	10.5	13.6

< -11>

< -11>

	ㄱ, ㅋ, ㆁ, ㆅ, ㆆ, ㆇ, ㆈ, ㆉ	ㅈ, ㅊ, ㆁ	ㅌ, ㆅ, ㆆ	ㄱ, ㆅ	ㄴ
(%)	13.7	11.0	8	16.7	0

가

21

< -12>

(30% )

< ㅈ>, < ㅊ>, < ㅌ>, < ㅍ>, < ㅍ>

(20-29%)

< ㄱ>, < ㅋ>, < ㆁ>, < ㆅ>, < ㆆ>, < ㆇ>, < ㆈ>, < ㆉ>

< ㅈ>, < ㅊ>, < ㅌ>, < ㅍ>, < ㅍ>, < ㅍ>, < ㅍ>

< ㅈ> < ㅊ>

< - 12 >

	ㄱ	ㅋ	ㆁ	ㄴ	ㄷ	ㄹ	ㅁ	ㅂ	ㅅ	ㅇ	ㅈ	ㅊ	ㅌ	ㅍ	ㅑ	ㅓ	ㅕ	ㅗ	ㅛ	ㅜ	ㅠ	ㅡ	ㅣ	
	69	10	17	0	35	7	68	1	29	3	2	9	14	37	7	1	2	13	4	5	80	413		
(%)	23 33.3	2 20.0	6 35.3	0 0	12 34.3	2 28.6	21 32.9	0 0	6 20.7	0 0	0 0	2 22.2	4 28.6	9 24.3	1 14.3	0 0	0 0	2 15.4	0 0	1 20.0	25 31.3	116 28.0		

, < - 13 >

< - 13 >

	(11 )	(10 )
(%)	19.5	14.7

#### IV.

가 4.6 : 1 가 .  
 6 87.1%가 .  
 가 10-14% 가 , 1-4%

가 . 가  
 (1 ) 60 (7 ) , 2-9  
 가 , 1  
 21 , (5), (6), (4),  
 (4), (2) 5 . 21  
 , 5  
 가 가

가 , 가  
 , (30% ) <ㅁ>, <ㅂ>, <ㅅ>, <ㅇ>, <ㅋ>, <ㅣ>  
 , <ㄹ>, <ㅈ>, <ㅊ>, <ㅌ>, <ㅍ>, <ㅊ>, <ㅊ>, <ㅊ>, <ㅊ>,  
 <ㅡ>

18 , 7 , 20  
 Riley (1972)

가 가

(Zebrowski, 1994).



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< - 1 >

: \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_  
 : \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_  
 \_\_\_\_\_ : \_\_\_\_\_

(가) (나) )

가				나	
%		%		%	
1	2	1	2	1	4
2-3	3	2-3	2	2-3	6
4	4	4-5	5	4	8
5-6	5	6-9	6	5-6	10
7-9	6	10-16	7	7-9	12
10-14	7	17-26	8	10-14	14
15-28	8	27-	9	15-28	16
29-	9			29-	18

가	
3	
	1
0.5	2
1	3
2-9	4
10-30	5
30-60	6
1	7

(1) : \_\_\_\_\_ (2) : \_\_\_\_\_

가 : 0 = \_\_\_\_\_ ; 1 = \_\_\_\_\_ ;  
 2 = \_\_\_\_\_ ; 3 = \_\_\_\_\_ ; 4 = \_\_\_\_\_ ;  
 5 = \_\_\_\_\_ .

(가) : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
 ..... 0 1 2 3 4 5

(나) : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
 ..... 0 1 2 3 4 5

(다) : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
 ..... 0 1 2 3 4 5

④ : , , , , ,  
 ,  
 ..... 0 1 2 3 4 5

(3) ( ) \_\_\_\_\_

0 - 5	0 - 4	
6 - 8	5 - 11	
9 - 13	12 - 32	
14 - 15	24 - 40	
16 - 19	41 - 60	
20 - 23	61 - 77	
24 - 27	78 - 89	
28 - 30	90 - 96	
31 - 45	97 - 100	

(1) + (2) + (3) \_\_\_\_\_

\_\_\_\_\_

: Riley (1972)



(4) (Unfinished word-U): ,

(5) :  
(Phrase repetition- ):

(Word repetition-Rw): ,

(Syllable repetition-Rsy):

(Sound repetition-Rs):

(6) (Prolongation-P): 가

(7) (Block-B): 가