

한국형 부모양육스트레스 척도(Parenting Stress Index) 개발을 위한 예비연구

THE PRELIMINARY STUDY FOR THE DEVELOPMENT OF KOREAN VERSION PARENTING STRESS INDEX

이경숙*† · 엄현경** · 신윤오***

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요 약 : . Abidin
(Parenting Stress Index) 가 . 1 3
12 382
47 29 , 5 54 28 , 5
. 1 57 2 3 6
392 - r = .20
4 , 24 가 82.05%
' 5 , 24
가 82.40%
Cronbach's = .81
, .69, .70, .67, .66 = .83
.73, .70, .70, .55, .73 PSI
가 2
중심 단어 :

서 론

가

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(distractibility) ,

가

(reinforces parent) 가 .

3 7가 .

(depression)

(sence of com -

1-3) .

petence)

(attachment) 가 .

가 4

가 (relationship

with spouse) ,

가 (social isolation)

가

(parental health)

(restriction of role) .

가 19

250

Abidin

(Parenting Stress Index, PSI)

PSI 5) ,

6) , 7) , 8)

PSI

4)

PSI

1)

1976 1995

가 PSI - PSI

PSI -

가 PSI 120

가 Abidin PSI

(adaptability)

1

(demandingness)

(mood) , 가

가?

(hyperactivity)/

가?

가?

가?

연구 방법

1. 연구대상 및 절차

1 1999 3 17 4 11

3 12 455

390

가 8 382

2 1999

6 23 7 11

3 6 460

405 (88.04%)

가

13 392

22 42

Table

1

Table 2

2. 연구도구

Abidin PSI . Abidin

47

54 , 19

120 Likert 5

(:1 - :5)

9)

1 (back transla -

PSI

19

101 , 2

Table 1. Characteristics of the parents(N = 392)

Variable	Father		Mother		
	Number	%	Number	%	
Education	Above college	33	8.6	14	3.7
	College	237	61.9	175	45.7
	High school	110	28.7	183	47.8
	Middle school	3	0.8	11	2.9
Occupation	Specialist	67	17.3	37	9.6
	Manager	90	23.2	12	3.1
	Servicer	93	24.0	50	13.0
	Productive job	35	9.0	11	2.9
	Office worker	102	26.3	47	12.2
	Others/ housewife	1	0.3	228	59.2

Table 2. Demographic data for children

Variable	Number of subjects	%	
Sex	Male	202	51.53
	Female	190	48.47
Age(year)	3	20	5.10
	4	106	27.04
	5	169	43.11
	6	97	24.75

57

(:1 29 \ 29 , :30

Table 57 \ 28) . 57

6 13 , 27 , 28 , 29

, 40 , 41

3. 자료분석

SAS

(item - total correlation)

(content validity)

(construct validity)

(factor analysis)

Cronbach's

결 과

1. 아동 영역 29

1) 문항변별도 29

Abidin PSI 26 26

47

29 , 5 가 (common factor analysis) (SMC) (pre-

Table 3 9 , 13 , 29 r = .20

가 r = .20 29 26

2) 타당도 47

(1) 가

(2)

Table 3. Item-total correlation(child domain)

Item number	Item-total correlation	Item number	Item-total correlation	Item number	Item-total correlation
1	.30	11	.28	21	.41
2	.34	12	.50	22	.36
3	.30	13	.08	23	.26
4	.27	14	.45	24	.26
5	.43	15	.51	25	.21
6	.46	16	.23	26	.40
7	.35	17	.29	27	.40
8	.28	18	.27	28	.26
9	.00	19	.32	29	.15
10	.26	20	.29		

Table 4. Item-total correlation(child domain)

	Factor 1	Factor 2	Factor 3	Factor 4
Factor 1	1.00			
Factor 2	.28	1.00		
Factor 3	.15	.35	1.00	
Factor 4	.17	.37	.45	1.00

Table 5. Result of factor structure loading matrix and factor analysis(child domain)

Item number	Factor 1	Factor2	Factor 3	Factor 4	Communalities (h2)
10	.62	.17	-.09	.17	.42
22	.62	.26	.10	.14	.39
4	.61	.21	-.02	.15	.38
3	.48	.23	.03	.15	.24
16	.39	.23	.06	.00	.19
2	.40	.34	.14	.19	.20
6	.21	.68	.30	.30	.47
15	.29	.66	.27	.38	.44
23	.16	.48	.13	.07	.27
8	.13	.40	.16	.24	.16
5	.31	.49	.31	.26	.28
26	.20	.46	.09	.41	.28
18	.08	.34	.06	.21	.14
21	.05	.36	.67	.39	.47
12	.18	.48	.67	.41	.51
1	-.03	.15	.61	.44	.44
19	.24	.22	.30	.21	.14
14	.21	.31	.37	.67	.46
11	.07	.14	.31	.52	.30
20	.07	.20	.22	.48	.23
27	.23	.30	.21	.47	.23
24	.16	.22	.08	.33	.13
7	.08	.35	.23	.41	.21
17	.16	.23	.20	.37	.14
Direct variance*	1.46	1.44	1.09	1.24	
Zero-order Variance	2.33	3.27	2.23	2.93	
Eigenvalue	4.03	1.67	.97	.81	
Variance explained		24.97	14.98	19.72	Total : 82.0

plot) 가 , 5
 (hkp=0.0) , 28
 r=.15 r=.45 Table 4
 Table 8
 Table 8 32
 가 r=.20
 27 32 26

Table 5

Table 5

24

가

4

82.01%

(3)

Cronbach's

Table 6

=.70,

=.66

=.81

=.69,

=.67,

(4)

Table 7

Table 7

4

2. 부모영역

1) 문항변별도

Abidin PSI

54

가

3

15

39

39

28

Table 6. Item number by factor and reliability coefficient (child domain)

Factor	Item number	Total number of item	Reliability coefficient ()
Reinforce	10,22,4,3,16,2	6	.69
Acceptability	6,15,23,8,5,26,18	7	.70
Distractibility/ Hyperactivity	21,12,1,19	4	.67
Demandingness	14,11,20,27,24,7,17	7	.66
Total		24	.81

Table 7. Content of item by factor (child domain)

Factor 1 : Reinforces parent(= .69)	
10.	
22.	가
4.	
3.	가
가	가
16.	
2.	
Factor 2 : Acceptability(= .70)	
6.	
15.	
23.	
8.	가
5.	
26.	
18.	가 가
가	가
Factor 3 : Distractibility/hyperactivity(= .67)	
21.	가
12.	가
1.	
19.	
Factor 4 : Demandingness(= .66)	
14.	
11.	
20.	
27.	(가
24.	
7.	
17.	

2) 타당도

(1) (content validity) 3 가

(2) (construct validity)

26

r = .18 r = .45

Table 9

5

Table 10

Table

10

5

24

가

82.40%

Table 11

=.73, ' =.70, ' =.70, ' =.55, ' =.73 =.84

Table 8. Item-total correlation(parent domain)

Item number	Item-total correlation	Item number	Item-total correlation	Item number	Item-total correlation
30	.29	39	.44	48	.32
31	.45	40	.25	49	.50
32	.12	41	.22	50	.32
33	.23	42	.43	51	.42
34	.40	43	.48	52	.43
35	.48	44	.39	53	.39
36	.42	45	.38	54	.32
37	.41	46	.40	55	.53
38	.48	47	.51	56	.53

Table 9. Item-factor correlation(parent domain)

	Factor 1	Factor 2	Factor 3	Factor 4
Factor 2	.40			
Factor 3	.43	.39		
Factor 4	.22	.21	.30	
Factor 5	.30	.33	.45	.18

(4)

Table 12

Table 12

5

3) 신뢰도

3. 종합비교

Abidin PSI

Table 10. Result of factor structure loading matrix and factor analysis(parent domain)

Item number	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Communalities (h2)
56	.74	.34	.42	.36	.39	.57
44	.61	.34	.22	.03	.23	.42
55	.65	.34	.42	.44	.34	.48
45	.55	.36	.29	-.03	.21	.36
47	.38	.69	.37	.30	.30	.49
34	.32	.59	.28	.10	.30	.36
36	.30	.60	.30	.21	.10	.36
42	.22	.51	.45	.37	.28	.36
33	.28	.38	.03	-.06	.25	.23
30	.23	.41	.19	.04	.37	.19
46	.28	.48	.44	.13	.37	.30
39	.30	.25	.62	.30	.37	.39
38	.29	.40	.60	.31	.14	.38
52	.31	.25	.56	.23	.41	.32
40	.17	.13	.39	.18	.40	.17
35	.48	.27	.52	.25	.13	.34
43	.41	.33	.51	.34	.09	.30
57	.18	.18	.22	.53	.21	.28
41	.15	.13	.26	.48	.76	.24
54	.25	.24	.29	.49	.68	.25
49	.35	.36	.46	.19	.66	.58
51	.33	.26	.39	.18	.44	.47
37	.23	.31	.39	.21	.39	.44
48	.19	.20	.32	.20	.23	.20
Direct variance*	1.26	1.27	.96	.78	1.10	
Zero-order Variance	1.27	3.70	4.23	2.12	3.66	
Eigenvalue						
Variance explained (%)	18.10	20.52	17.37	7.76	18.65	Total : 82.4

Table 11. Item number by factor and reliability coefficient (α) (parent domain)

Factor	Item number	Total number of item	Reliability coefficient ()
Restrictions of role	56,44,55,45	4	.73
Depression	47,34,36,42,33,30,46	7	.70
Social isolation	39,38,52,40,35,43	6	.70
Parent health	57,41,54	3	.55
Relationship with spouse	49,51,37,48	4	.73
Total		24	.84

Table 12. Item content by factor(parent domain)

Factor 1 : Restrictions of role(= .73)	
56.	가 가
44.	가
55.	가
45.	가
Factor 2 : Depression(= .70)	
47.	가 가
34.	가
36.	
60.	가 가
33.	
30.	가
46.	가
Factor 3 : Social Isolation(= .70)	
59.	
38.	
52.	
40.	가 가
58.	
43.	
Factor 4 : Parent health(= .55)	
62.	()
41.	
54.	6
Factor 5 : Relationship with spouse(= .73)	
49.	가
51.	가 가
37.	가
48.	가

Table 13

Table 13	Abidin	PSI
6	, 47	
1	5	, 29
2	4	24
Abidin		PSI
7	, 54	
1	5	, 27
2	5	, 24

고 찰

Abidin PSI

, Abidin PSI 0 12
가
0 12
0 3 , 4 6 , 7 12

3 6

Harter¹⁰⁾¹¹⁾

(WIPPSI)

(WSIC)

Abidin PSI 가 101
48
48

Table 13. Comparison of preliminary scale for Korean version parenting stress index and Abidin's PSI

		Preliminary scale for Korean version parenting stress index		
		PSI	Primary pilot study	Secondary pilot study
Child domain	Number of item	47	29	24
	Number of factor	6	5	4
Parent domain	Number of item	54	27	24
	Number of factor	7	5	5

25 Abidin PSI short form
36 Abidin PSI short form 36 25

69%

Table 13

Abidin PSI 6 , 47
5
, 24 Abidin
PSI 7 , 54
5 , 24
가
가
가 371
3가
1 가
'(63 , 17.00%) , 2 가 ' 가 '(46
, 12.40%), 3 가 ' 가 '(41 ,
11.05%), 4 가 ' 가 '(33 ,
8.89%), 5 가 ' 가 ('
, ,) '(29 ,
7.81%), 6 가 '
'(15 , 4.04%), 7 가 '

가 '(4 , 1.08%)

가

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ABSTRACT

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**THE PRELIMINARY STUDY FOR THE DEVELOPMENT OF KOREAN
VERSION PARENTING STRESS INDEX**

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This study was to develop Korean version of Parenting Stress Scale. Primary research was processed thru Abidin's PSI(Parenting Stress Index) scale. For the pilot primary study, distributed questionnaire to the mothers who have three to twelve age children and tried factor analysis with 382 data sheets. At the result, 29 items and 5 factors among the 47 items of child domain, 28 items and 5 factors among the items of parent domain were extracted. At the secondary pilot study survey, reanalyzed the 57 items extracted by primary pilot survey with the 392 data collected from three to six age children's parents. For the item discrimination analysis, calculated item-total correlation and deleted the items under $r = .20$. For the validity test, reviewed content validity and construct validity. For the verification of construct validity, tried factor analysis. At the result, in child domain area, the four factors, 'Reinforces Parent', 'Acceptability', 'Attention Distractiveness', 'Demandingness' and 24 items were extracted. Among the common variance of child domain, 'explained common variance' was 82.05%. In parent domain area, the five factors, 'Restriction of Role', 'Depression', 'Social Isolation', 'Parent Health', 'Spouse Relationship' and 24 items were extracted. Among the common variance of parent domain, 'explained common dominator' was 82.40%. For the verification of reliability, Cronbach's coefficient was calculated and in child domain, .69, .70, .67, .66 were produced by each item, respectively and total reliability coefficient was $= .81$. Reliability coefficient of parent domain was .73, .70, .70, .55, .73 by each item, respectively and total reliability coefficient was $= .83$. This study was processed as a primary research to develop the Korean version of parent stress scale which is originally from U.S.A. version of PSI and apply it to proper Korean culture. Therefore, the necessity of continuous study was discussed with more localized items and factors.

KEY WORDS : PSI(Parenting stress index) · Parenting stress · Validity · Reliability.