

한국판 청소년용 식이 태도 검사(EAT-26KA)의 신뢰도 조사

RELIABILITY TESTING OF EATING ATTITUDE TEST FOR KOREAN ADOLESCENTS

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요 약 : (Eating Attitude Test for Korean Adolescents,
EAT - 26KA) 가
1 1,160 2
1996 6
1 114 가
EAT - 26KA EAT - 26
(Cronbach's = .83) -
(r = .63 p < .01) -
(negative correlation)
(p > .05). 가 34.0%
EAT - 26KA (non - referred population)
EAT - 26 , EAT - 26KA
가

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서 론

for Korean Adolescents, EAT - 26KA)
(internal consistency coefficient)
(test - retest reliability)

가

가

가

1).

방 법

1. 대상 및 방법

1

1, 2, 3

1, 2

2).

1,160

96 6

가

가

1,130 (97.2%)

51.7%

3).

(548)

48.3%(512)

1,000

12 18

15.2

85.1%가

(SD=2.30)

2

가

42.4%가

가

4).

1

96 7

114

가

1

가

(Eating Attitude Test - 26, EAT - 26)

5).

가

6).

2. 평가도구

(Eating Attitudes Test, EAT)

가

가

40

6

(6 - point Likert scale)

25%

가

8).

40

(factor analysis)

40 14

26

(EAT - 26)

40

가 (r=.98)⁹⁾. EAT -

26

(internal consistency coefficient)

(test - retest reliability)

(Cronbach's =.94, r=.84)¹⁰⁾

(Eating Attitudes Test

(Cronbach's α = .90) 20
 (validity)
 11) .26
 (screening test) 12)

결 과

1. 신뢰도

1) 내적 일치도 계수(Internal consistency coefficient)
 1,130
 (internal consistency coefficient) Table 1
 Cronbach's α = .83

가
 1

(Cronbach's α = .68) 2 (Cronbach's α = .73)

가

2) 검사-재검사 신뢰도(Test-retest reliability)
 114

107 (93.9%)

47.7%(51) 52.3%(56)

r = .63

(p<0.01)

Table 2

3) 문항별 검사-재검사 신뢰도(Test-retest reliability of individual items)

Table 3

9 17

25, 26

p<.05

Table 1. Internal reliability by grade

School grade	N	Cronbach's
7th	176	0.68
8th	208	0.65
9th	193	0.70
10th	376	0.82
11th	177	0.73
Total	1,130	0.83

Table 2. Test-retest reliability by grade

School grade	N	Correlation
7th	18	.53*
8th	17	.64*
9th	18	.62*
10th	22	.67**
11th	32	.68**
Total	107	.63**

*p<.05 **p<.01

2, 6, 12, 21, 24

p>.05

2. 요인 분석(Factor analysis)

107

oblique rotation

가

가

34.0%

40.2%

Table 4

25

가

Table 5

EAT - 26KA

가

가

EAT - 26KA

3, 4, 5, 15, 21

8, 13, 20

Table 3. Test-retest reliability of individual items

Items	Correlation
1.	.594*
2. 가	.111†
3.	.252*
4.	.339*
5.	.379*
6.	.108†
7.	.279*
8. 가	.435*
9.	-.019†
10.	.391*
11. 가	.621*
12.	.142†
13. 가	.608*
14. 가 가	.705*
15.	.398*
16.	.381*
17.	-.023†
18.	.269*
19.	.309*
20.	.338*
21.	.016†
22.	.260*
23.	.334*
24. 가	.182†
25.	.195**
26.	.206**

*p<.01 **p<.05 †p>.05 ‡ negative correlation

가

, EAT - 26KA

(oral control)

EAT - 26 KA

EAT - 26KA

EAT - 26KA

Table 5

Table 4. Factor structure of EAT-26KA

Item No.	Factor	Factor	Factor	Communality
11	.858			.742
14	.852			.739
1	.791			.634
22	.603			.397
10	.600			.461
18	.516			.418
19	.393			.290
20		.599		.361
8		.567		.358
13		.504		.365
21		.473		.274
3		.432		.283
15		.351		.126
4		.326		.148
5		.283		.085
17			-.667	.448
7			-.656	.449
9			-.604	.370
12			-.569	.365
26			-.530	.290
23			-.445	.266
16			-.378	.147
2			-.365	.137
24			-.357	.225
6			-.336	.126
Eigenvalue	4.612	2.093	1.802	
Percent of variance	18.4%	8.4%	7.2%	

Table 5. Factor structure difference between EAT-26 and EAT-26KA

Factor	EAT-26	Common	EAT-26KA
	6,7,12,16,17, 23,24,25*	1,10,11, 14,22	18,19
	18	3,4,21	5,8,13,15,20
	5,8,13,15,19,20	2,9,26	6,7,12,16,17,23,24

*Not elsewhere classified in EAT-26KA

EAT - 26KA

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Objectives : This study was designed for testing of Eating Attitude Test for Korean adolescents (EAT-26KA) on internal reliability and test-retest reliability and evaluation of each items through factor analysis.

Methods : Total 1,160 middle and high school students were surveyed on June 1996. The questionnaire had been delivered by school teachers two weeks earlier before survey started. Among the 1,160 students, 114 students were selected by random. And then they were retested with same questionnaire on July 1996, four weeks later

Result : Internal consistency of EAT-26KA was relatively good (Cronbach's $\alpha = .83$). There was statistically significance on test-retest reliability ($r = .63$, $p < .01$). But two items showed negative correlations (item No. 9, 17). and 5 items had low level correlation ($p > .05$, item No. 2, 6, 12, 21, 24). We performed factor analysis on whole items except No. 25 item. Result of factor analysis showed that the factor structure of EAT-26KA were different from that of EAT-26.

Conclusion : The EAT-26KA is useful for the survey of the eating behavior and problems in Korean adolescents.

KEY WORDS : EAT-26 · Adolescents · Reliability · Factor analysis.