

## 청소년 비행행동 측정도구 개발\*

## DEVELOPMENT OF SCALE FOR MEASURING DELINQUENT BEHAVIOR

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연구 목적 :

가

방 법 :

31

결 과 :

1)

31

2) 3

3)

4)

결 론 :

1)

2)

1998

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가  
 3) 가 가  
 중심 단어 :

서 론

1. 연구의 필요성

가 23.4%가  
 1) 가  
 2) 가 10)11) 12-15)  
 가 16) 가  
 가  
 3)4) 가

2. 연구의 목적

가  
 5)6) 가 가 가  
 6) 가 7-9) 1)  
 , 가 2)  
 가 3)  
 가

3. 관련문헌고찰

가 1979  
 79,240 1983 30.1%

가 가 103,088

가

Jenkins Hewitt<sup>12)</sup>

가

McCord McCord<sup>13)</sup>

Axenroth Choi<sup>17)</sup>

15)

1)

McCord McCord<sup>13)</sup>

가

18)

가

가

가

가

가

19)

Short <sup>14)</sup>

(subculture)

(socialized)

2/3

가

가

가

가

20)

Quay<sup>19)</sup>

가

가

Short <sup>14)</sup>

가

가

## 2. 도구개발 과정

### 1) 예비문항작성

19) 가

Chiles<sup>21)</sup> 120 4 , 4 , 4 12  
23% 가

2 4%<sup>22)</sup>  
12

( ,  
22) 가  
가  
가 2 ,  
1 , 1 가

1/4 23) 가  
24)25) 가 가 가  
가 31

2) 예비문항의 내용 타당도 검정  
가 가  
가 가  
가 가  
3가 가 가  
가 Lynn<sup>26)</sup> 3  
, 10 2 ,  
가 2 , 1 5

연구 방법

1. 연구설계  
가 5 ( : 5  
, : 4 , : 3 ,  
: 2 , : 1 ) 가  
70%

31

3. 연구도구

31

likert scale

( =6 , =5 , =4 , =3 , =2 , =1 ) 가

(Cronbach's Alpha)

.952, .830 (Table 1),

(0.25 0.75). 가

가 15

(test - retest)

(Cronbach's Coefficient Alpha)

44 ( : 29

: 5 , , :

4 2 ,

Cronbach's Alpha

가 가 Varimax

(factor analysis)

4. 연구대상 및 자료수집

2,177

(proportional stratified random sampling method)

( , ) ( , , )

)

2

24 1,206

11 4 2

971

연구결과

1. 연구대상자의 사회인구학적 특성

12 20 15

17 52.6%( : 54.2%,

: 45.8%) 가 12 14

26.4%( : 85.4%, :

14.6%), 18 20 21.0%( : 19.6%,

: 80.4%)

가 70.0%( : 40.8%,

: 59.2%), 30.0%( :

87.9%, : 12.1%)

32.4%

( : 87.8%, : 12.2%) 가

30.8%(

: 92.5%, : 7.5%),

가 27.4%( : 0%, : 100%),

가 9.4%( : 0%,

: 100%)

5. 자료분석 방법

SAS

2. 도구의 타당도 검증

Table 1. Reliability of total items

Number of items	Cronbach's alpha	Test-retest
31	0.952	0.830



가 26.9%  
 scree 17 .445 .793  
 test 27) (.40) (Table 3).  
 31 3 2) 요인 II : 공격적 비행행동  
 52.2% (Table 2). (14.9%)  
 31  
 17 , 8 가  
 6 ” “ ; “ 6  
 가 ( , , )  
 ” “  
 1) 요인 I : 반사회적 비행행동  
 가 (26.9%) 8 4.613 , 14.9%  
 ” 15  
 2 가 ” “ 1 2 .450 .771 (.40)  
 가 ” “ 18 (Table 4).  
 ” “  
 3) 요인 III : 정신병질적 비행행동  
 17  
 8.343 , “

**Table 4.** Total items and factor loading of factor II

23	가	0.77168
06		0.71910
21	( )	0.68780
31		0.68452
10	( . . )	0.59585
03	가	0.57239
27		0.46150
15		0.45090

**Table 5.** Total items and factor loading of factor III

14		0.68210
20		0.67257
12		0.60138
04		0.57320
08	가	0.54468
22		0.47902

” “ ” “ ( , , 1,206 ) .

6 971 .

3.232

10.4% 6 (Table 7).

.479 .682 (t= - 42.91( ), - 41.71( ) , p=.0001), (t= - 34.10( ) , - 35.72( ) , p=.0001),

(.40) (Table 5).

3. 도구의 신뢰도 검증

31 (t= - 14.24( ) , - 14.26( ) , p =.0000) (t= - 37.02( ) , - 36.38 ( ) , p=.0001)

Cronbach Coefficient Alpha .952 ( 가

(Table 1).

( ) Cronbach Coefficient Alpha

.950, ( ) .866, 고 찰

( ) .721

(Table 6).

4. 도구의 변별력 검증

가,

가 31

**Table 6.** Reliability of factor 3

Factor	Number of items	Cronbach's alpha
	17	0.950
	8	0.866
	6	0.721

가 가 ,

checklist,

(MMPI) 가

가 ,

가

**Table 7.** Mean difference test of delinquent behaviors between students and delinquents

Variables	Group	N	Mean	Std	t	p
Antisocial	Student	652	25.78	10.27	- 42.91	0.0001
	Delinquent	746	56.39	16.10	- 41.71	
Aggressive	Student	1,132	11.23	4.23	- 34.10	0.0001
	Delinquent	933	20.29	7.15	- 35.72	
Psychopathy	Student	1,141	14.83	5.27	- 14.24	0.0000
	Delinquent	912	18.18	5.32	- 14.26	
Total	Student	616	52.73	16.33	- 37.02	0.0001
	Delinquent	677	94.68	24.01	- 36.38	



41) . 가 Quay(1986)<sup>19)</sup> .

31 12 31 가 Missouri

(socialized - subcul - 19) Inpatient Behavior Scale, Ward Daily Behavior Scale, Global Assessment Scale, Social Behavior Schedule, Present Behavioural Examination

tural), (unsocialized - psy - (neurotic - chopathic), disturbed) 가 29), Vineland Adaptive Behavior Scale

30)31)

가 가 Adolescent Alcohol Involvement Scale<sup>37)</sup>, Youth Diagnostic Screening Test<sup>38)</sup>, Adolescent Drinking Index<sup>39)</sup> Rutgers Alcohol Problem Index<sup>40)</sup> 34),

가 가 Interpersonal Competence Scale(ICS-T)

Quay(1986)<sup>19)</sup>

32) 가

ICS , 33) 가 가 , ICS - T

가 가 , 가 가

가 가 , 가 가

Thorne(1965)<sup>35)</sup> integration level test series  
465 29

Integration Delinquency Scale  
29 “

” “  
” “  
” “  
” “  
” “  
” “  
” “

(p<.05)  
36)

Integration Delinquency Scale

egration Delinquency Scale  
(4(Pd), 8(Sc), 9(Ma))가  
41)

가 가

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## DEVELOPMENT OF SCALE FOR MEASURING DELINQUENT BEHAVIOR

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**Objective :** This study was performed in order to develop a measuring instrument for assessing and predicting delinquent behavior of the adolescents in Korea.

**Methods :** This study was methodological research for developing a questionnaire for measuring delinquent behavior.

Through the relevant literature review and personal interview using open-ended question with 12 adolescents in schools, outpatient basis and the juvenile corrective institutions, the author developed a pre-questionnaire with 31 items for assessing delinquent behavior among delinquentprone adolescents.

Statistical method employed were test-retest reliability and Cronbach's alpha coefficient for testing reliability and factor analysis for testing validity of this questionnaire, and t-test for mean difference between student adolescents and delinquent adolescents, using SAS program.

Subject served for this study consisted of 2,177 adolescents including 1,206 students and 971 delinquent adolescents by proportional stratified random sampling method.

**Results :**

1) Three stable factors were emerged and these contributed 52.2% of the variance in the total score. All 31 items loaded above .40 on each factor.

2) Factor was named as antisocial delinquent behavior(17 items), factor was named as aggressive delinquent behavior(8 items), and factor was named as psychopathic delinquent behavior(6 items).

3) Comparison of these 3 factors between student adolescents and delinquent adolescents showed that there was a significant difference in factor ( $t = -42.91$  (student),  $-41.71$  (delinquent),  $p = .0001$ ), factor ( $t = -34.10$  (student),  $-35.72$  (delinquent),  $p = .0001$ ), factor ( $t = -14.24$  (student),  $-14.26$  (delinquent),  $p = .0000$ ), and total score ( $t = 37.02$  (student),  $-36.38$  (delinquent),  $p = .0001$ ).

4) Internal consistency reliability was tested by Cronbach's . Cronbach's was .952 for total 31 items and .950, .866 and .721 for each 3 factors related to delinquent behavior.

**Conclusions :** The author confirmed that this scale can use for measuring delinquent behavior, and hope to make a contribution to screening test and prevention of juvenile delinquency in Korea.

**KEY WORDS :** Development of scale · Delinquent behavior.