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가 가 , 'sex  
1. role' 'gender role'  
(Korea Britannica Online, 1999).  
gender ,  
,  
가  
(Yang et al., 1996).  
가 ,  
가 (Citron &  
Kartman, 1982). (Choi, 1998),  
(Shively & DeCecco, 1977).  
(Haffner, 1994),  
(Drench & Losee, 가 ,  
1996) 가  
(Shively & DeCecco, 1977).  
(Money & Erhardt, 1972). 가 ,  
(Derogatis & Melisaratos,  
1979), 가 ,  
(Choi et al., 1999).  
가  
가 (Savage, 1981).  
, , ,

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\* 1999

\*\* 2001 11 28      2002 3 18      2002 4 29

(Choi et al., 1999).

가 .

가 . 가 2.

가

가

BSRI(Bem Sex Role Inventory) . BSRI Bem 1.  
1974 1977 , , 1)  
60 7  
, 1981 10 30 10 가  
10  
25

(Bem, 1974).

가 (Chung, 1987). 가 , ,  
BSRI , ,

Kim(1988)  
, Chung(1990) BSRI, Kim(1988) , Chung  
(KSRI) . (1990)  
(Kim, 가  
1988), , 27 , 33 ,  
16 , 78 .  
(Chung, 1990). ,

가 (Kim, 1997)

2)  
, , 78 , 18  
가 가 가 .

가 4 가 . 5) 가

3) 78 가 .

70% , 13 가가 4 3 - Cronbach alpha ,

가 - 가 0.2 .

가 , ,

가 .

Cronbach alpha 가 , .

PCA , varimax

4) 4 6)

Likert . Bem (1974), Kim (1988),

Chung (1990) 7 0.4

‘ (4 )

1 7 ,

가 -

5 가

‘ (3 )

2.

1 5 ,

1) 78

가 18 가

39 , 11 ,

가 7 .

‘ , 3 , 4 5 ,

1 2 가 2) 가

1 , ‘ 2 , ‘ 3 , ‘ , , , , , 6

‘ 4 , , , , , 10

20 , 60

4 , 1,127 .

1-2 100

- 120 .

3.

1)

가 가 18

가

가

가

가

가

2)

1,400 1,150 가 ( 82.1%), 1,127 가

1.

30 가 가 39.3% , 50 9.8% 가 59.3% 5 가 33.3% 가 25 7.1% 가 88.4% , 41.1% , 가 61.7% 가 37.1% 가 27.3%, 23.3% 가 77.5% 53.0% 가

2.

78 가 57 21 , 24 , 12

corrected item-total correlation

0.5659 -0.0442

0.2 54 , 0.3 44 가

0.2 19 '(0.1836), 45 '(0.1144), 1 '(-0.0442)

54 40

가 0.2 0.1927

53 53 21 ,

20 , 12 Cronbach

57 alpha 0.9254 , 53

0.9307 <Table 1>.

<Table 1> Item analysis of the preliminary items (n = 1,127)

rank	item number	corrected item-total correlation	alpha if item deleted
1	27	.5659	.9229
2	8	.5609	.9229
3	48	.5540	.9233
4	20	.5536	.9232
5	26	.5519	.9232
6	35	.5513	.9234
7	15	.5446	.9231
8	49	.5441	.9233
9	31	.5434	.9234
10	47	.5421	.9234
11	28	.5410	.9234
12	57	.5403	.9232
13	46	.5395	.9233
14	24	.5333	.9233
15	14	.5308	.9232
16	7	.5278	.9233
17	52	.5133	.9234
18	29	.5127	.9234
19	6	.5092	.9234
20	32	.5047	.9235
21	36	.5016	.9235
22	25	.4952	.9237
23	13	.4946	.9235
24	44	.4911	.9235
25	37	.4890	.9237

<Table 1> Item analysis of the preliminary items (continued) (n = 1,127)

rank	item number	corrected item-total correlation	alpha if item deleted
26	21	.4805	.9236
27	5	.4756	.9237
28	53	.4590	.9238
29	23	.4577	.9238
30	41	.4453	.9240
31	18	.4451	.9239
32	38	.4441	.9239
33	42	.4325	.9241
34	9	.4275	.9240
35	2	.4220	.9241
36	56	.4139	.9241
37	12	.4022	.9243
38	51	.3970	.9243
39	34	.3736	.9244
40	43	.3517	.9247
41	10	.3455	.9247
42	33	.3383	.9247
43	3	.3374	.9247
44	30	.3145	.9250
45	50	.2906	.9253
46	11	.2889	.9251
47	16	.2681	.9252
48	17	.2631	.9255
49	22	.2387	.9256
50	4	.2345	.9255
51	54	.2306	.9256
52	55	.2296	.9256
53	40	.2239	.9257
54	39	.2154	.9258
55	19	.1836	.9259
56	45	.1144	.9270
57	1	-.0442	.9273

'(0.399) 30 , ' ,  
'(0.388) 15  
3 14 0.4

1 20  
37 , ' , 26 , ' ,  
' , 2 , ,  
46 , ' , ,  
51 , ' , 1  
' , 1  
1  
2 15  
12  
1 3  
' , 2 , ' 가 ' ,  
8 ,  
2  
5 ,  
가 2 5 ,  
' , ' , ' ,  
' , ' , 2

2

가 0.2 53

3 14

13 ,

1 , ' 가 ' ,

Eigen value 2.0 3

3

1 22 , 2 17 ,

3 14

0.4

1

0.4

20 , 2

1 18 , ' ,

15 ,

14

<Tabel 2>.

'(0.381) 4 , ' ,

'(0.305)

3.

, 2 , 33 , ' ,

<Table 2> Factor analysis of 53 items  
(n = 1127)

factor (number of items)	item number	factor loadings (factor 1)	factor loadings (factor 2)	factor loadings (factor 3)
1 (22)	8	.773		
	21	.728		
	15	.726		
	6	.724		
	57	.718		
	7	.714		
	14	.688		
	38	.677		
	9	.664		
	13	.648		
	5	.615		
	27	.592		
	46	.586		
	39	.585		
	51	.579		
	55	.568		
	54	.556		
	56	.556		
	43	.476		
	20	.468		
	18*	.381		
	4*	.305		
2 (17)	48		.703	
	49		.671	
	42		.656	
	47		.648	
	28		.644	
	53		.642	
	35		.633	
	25		.614	
	31		.607	
	41		.606	
	26		.600	
	23		.539	
	24		.520	
	12		.517	
3 (14)	37		.456	
	33*		.399	
	30*		.388	
	3			.665
	17			.641
	44			.600
	10			.585
	29			.582
	11			.536
	36			.521
	32			.504
	52			.492

<Table 2> Factor analysis of 53 items  
(continued) (n = 1127)

factor (number of items)	item number	factor loadings (factor 1)	factor loadings (factor 2)	factor loadings (factor 3)
3 (14)	50			.484
	22			.482
	2			.475
	16			.450
*	34			.447
20				
0.727				
0.672				
가				
0.305				
0.2				
가				
1				
가				
15				
0.4968				
0.7386				
alpha 0.9219				
14				
57				

&lt;Table 3&gt; Item analysis of the final items

(n = 1,127)

subscales	item	Corrected Item-Total Correlation	Alpha if Item Deleted	Alpha
masculinity	having leadership( )	.739	.913	.922
	driving( )	.724	.914	
	confident( )	.699	.915	
	brave( 가 )	.697	.915	
	initiative( )	.679	.915	
	active( )	.678	.916	
	powerful( )	.670	.916	
	independent( )	.632	.917	
	ambitious( )	.631	.917	
	dealing with serious matters well( )	.614	.918	
	adventurous( )	.590	.918	
	proud( )	.588	.918	
	desiring achievement( )	.587	.918	
	believable( )	.527	.920	
	physically strong( )	.497	.921	
social desirability	kind( )	.672	.889	.899
	thankful( )	.639	.890	
	warm( )	.636	.890	
	polite( )	.629	.890	
	humane( 가 )	.616	.891	
	understanding( )	.603	.891	
	thoughtful( )	.589	.892	
	conscientious( )	.588	.892	
	helping others( )	.584	.892	
	sympathetic( )	.564	.893	
	respectful to elders( .)	.558	.893	
	affectionate( )	.546	.894	
	diligent( )	.503	.896	
	sincere( )	.483	.896	
	keeping conviction( )	.468	.896	
femininity	using beautiful language( )	.586	.825	.841
	tender( )	.572	.827	
	sweet( )	.558	.827	
	emotional( )	.556	.827	
	delicate( )	.537	.828	
	charming( 가 )	.522	.829	
	loving beautiful things( )	.521	.828	
	enjoying romantic story( )	.510	.829	
	careful( )	.480	.831	
	enjoying cooking( )	.450	.833	
	jealous( )	.393	.836	
	sensitive( )	.393	.836	
	tactful( 가 )	.373	.837	
	obedient( )	.309	.841	
	talkative( )	.295	.842	

가 가 4 - 가 가 , , - (r = .224),  
 . 4 가 15

0.2947 Bem (1974)  
0.5715 Cronbach 20 60 가 ,  
alpha 0.8413 2 1981 10 30  
15 가 . Bem Chung  
0.8987 (1990) (KSRI) , ,  
20 60  
, Kim (1988)  
78 가 가 15 10  
57 , 45  
가 0.2  
4 53 , 가  
Eigen Value 2.0 KGRII  
0.4 4 가 49 가  
가  
15  
15 , 가  
15 , 45  
45  
0.205 0.576 ,  
0.929 <Table 3>. 가  
가 (Lee, 1996),  
KGRII  
(KGRII: Korean Gender Role Identity Inventory)  
Bem , 45  
15  
가  
Derogatis Melisaratos (1979)  
Bem  
15



가

(Kaplan & Bean, 1976).

Kim(1997)

5 가

(KGRII)

가

25 가 , 10

가

45

가 0.93 , 0.84 가

0.92 BSR1 , 78

0.81-0.90, Chung(1990) KSRI

0.75-0.91

가 가 70% 가 , 18 가

54

가

4 Likert

54

가

가

6

1,127

가 0.2

0.4 49

가

49

가

가

45

KGR II

15 , 15

15 .

0.929 ,

Cronbach alpha 0.9219,

Cronbach alpha 0.8413,

Cronbach alpha 0.8987 .

(KGR II)

가 ,

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- Abstract -

## Development of Korean Gender Role Identity Inventory

*Lee, Byung-Sook \* · Kim, Myung-Ae \*  
Koh, Hyo-Jung \**

**Purpose:** This study was performed to develop a scale of gender role identity in Korean adults based on the Bem's theory of androgyny. Although there were several tools in Korea, they were revealed having some problems of cultural differences, translation biases, and methodological problems.

**Methods:** A list of 78 items were developed using the existing tools and descriptions from 5 married couples. The items were the typical personality characteristics which were manifested by gender, male or female. And the list contained several items which were the socially desirable personality characteristics, which would be simply used as contextual items. Validity of the 78 items were screened

by 18 expert panels with 4 point Likert scale, and 57 items were judged as highly valid from 70% of the experts, which were selected as preliminary items for the tool. Using the preliminary tool which was developed as a 4 point Likert scale, data were collected from 1,127 subjects for item analysis and factor analysis. 53 items were remained, because 4 items whose item-total correlation were lower than 0.2 were excluded by the result of item analysis. Factor analysis was done with the 53 items, and 49 items whose factor loadings were same and higher than 0.4 were remained. 3 factors were identified with eigen value 2.0, and these factors were named as masculinity, femininity, and social desirability.

**Results and Conclusion:** KGRII(Korean Gender Role Identity Inventory) which contained 45 items was developed, with 15 items for 3 factors. The reliability of the tool was very high. Cronbach alpha of the tool was 0.929, and alpha of the subscales were ranged from 0.841 to 0.922.

**Key words :** Gender role identity

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