

A Study on the Skirt Grading Rule According to Somatotype

Youngmi Jeong, Miji Koo

Department of Clothing & Textiles, Paichai University

9

12 $P \leq .05$

90° , 90°

가가

$P \leq .05$

가

The purpose of this study was to suggest the skirt grading rule for different somatotypes. For this study 9 subjects were classified three types according to the shape of front hips such as diamond, standard, heart. Skirts pattern were made by Moonwha grading method for traditional grading rule. For each somatotypes, skirt pattern were graded by new grading rule. The sensory evaluations were practiced for appearance and function. At the result, comparing between the new grading rule and the traditional grading rule, new grading rule was fitter than the traditional grading rule. And diamond type was distinctively better than the other somatotype at sensory evaluation appearance. For pattern making of diamond type, it had better use the new grading rule that was considered the characteristics of body shape.

Key words : skirt, somatotype, the new grading rule, the traditional grading rule, grading point, sensory evaluation.

I.

II.

1.

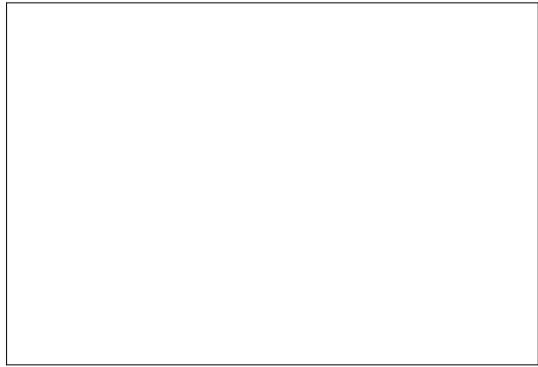
19-23 87
plumb line
9

,
3 9
,
2 1
,
3

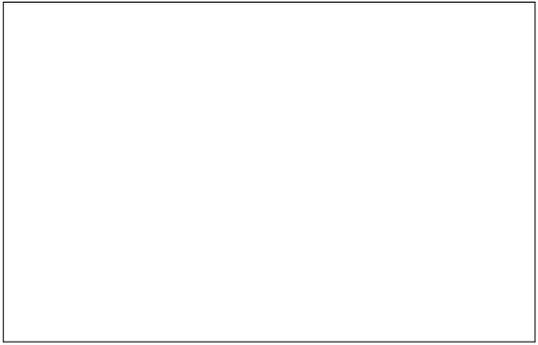
(Bye, 1994).

(1978), (1994), (1996)
1

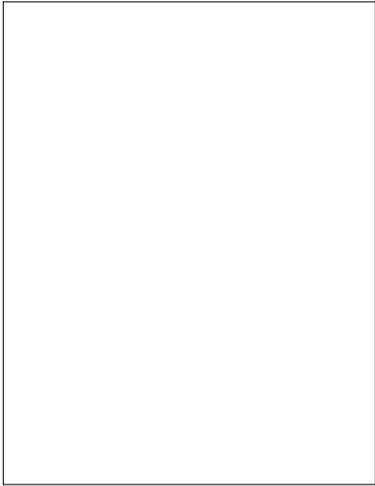
間壁



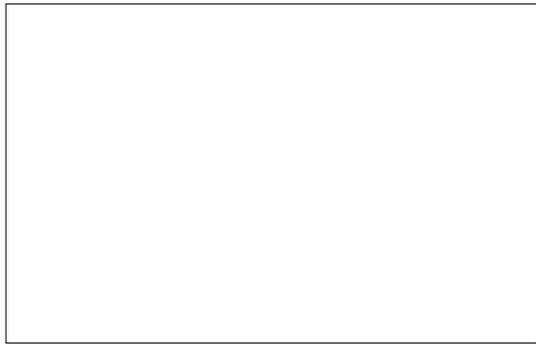
1.



2.



1.



3.

2.

2)

(1987)

가

가

3.

(100%)

1)

(1987)

(1991)

(1994)

가

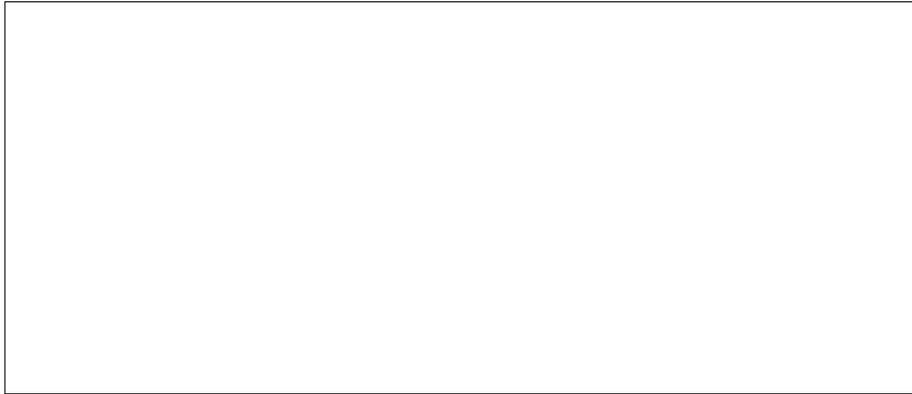
2

2

1.

(: cm)

	50	50	52	52	51	51	0
	55.5	55	55	55	55.5	55	0- 0.5
	19	18.5	18.5	18.5	19	18.5	0- 0.5
	25	24.5	25	24	25.5	24.5	0.5- 1
	22	23.5	22	23	22	23	1- 1.5
	47	48	47	47	47.5	47.5	0- 1



2.

2. (: cm)

	()	()	()
가	H/2+3	H/2+3 +1	H/2+3 +1
	(W+2)/4+0.5+1.5 0 0.7 : 8 : 8	W/4+0.5+0.5 0.7 0 : +1 : +1	W/4+0.5+0.5 0.7 0 : +0.5 : +0.5
	(W+2)/4+0.5- 1.5 0.5 0.5 : - 6	W/4+0.5- 0.5 1.5 0 : /2+2.5 : /2+1.5	W/4+0.5- 0.5 1.5 0 : /2+2 : /2+1
	4 cm	0.3 cm 0.25 cm . 10 cm 1.25 cm 가	0.3 cm 가 10 cm 1 cm 0.3 cm 가 , 10 cm cm 가
		가.	가.

4.

1)

가 가 가 가 가

2)

가? 가? : 5 ; ' : 4 ; ' : 3 ; ' : 2 ; ' : 1 ; ' 가

3)

가 가 가 가 가 : 5 ; ' : 4 ; ' : 3 ; ' : 2 ; ' : 1 ; ' 가

3.



4.

	M	S.D	M	S.D			M	S.D	M	S.D	M	S.D
()	21.5	-	21.2	1.79	23.0	19.0	20.0	1.73	21.3	2.08	22.3	1.15
(cm)	158.9	4.90	160.3	4.39	170.3	156.6	158.3	1.86	159.4	2.51	163.1	2.51
(kg)	53.0	5.80	52.4	6.40	65.6	44.0	50.3	6.25	51.3	5.06	55.5	8.73
(cm)	65.3	4.55	68.5	3.50	75.0	64.0	66.6	2.95	67.4	2.77	71.5	3.40
(cm)	89.7	4.20	91.5	4.53	98.5	86.4	91.1	3.51	91.5	5.66	92.0	6.11
	1.32	0.15	1.27	0.09	1.37	1.11	1.27	0.14	1.27	0.10	1.27	0.07

5.

가 , Duncan

t- test

t- test

Cronbach SPSS

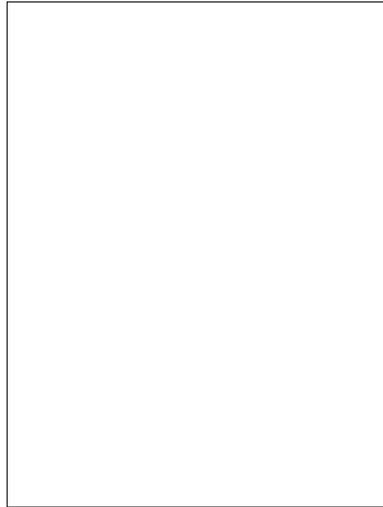
α 6.0

III.

9

1.

(, 1992)
 4
 160.3 cm, 52.4 kg, 68.5 cm,
 91.5 cm
 1.27
 5 3
 (C),
 (D)
 (C)
 0.001 가
 (B),
 (D), (D)-(C)
 Duncan
 (C) (D)-(B)
 가



3.

2.

가

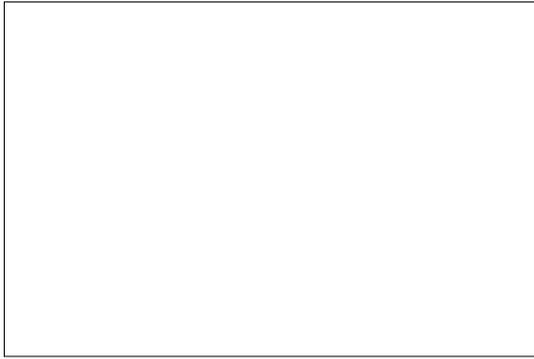
4

5.

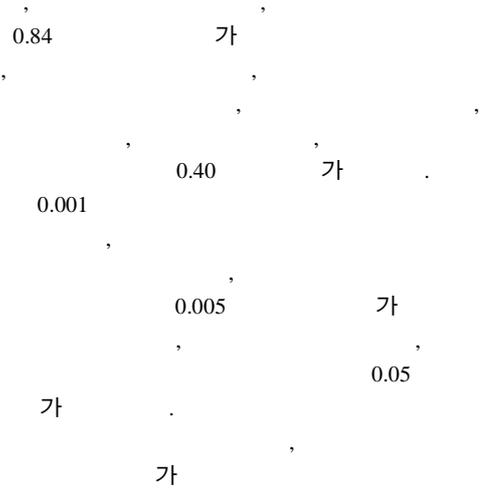
(n = 9)

				F
- (A)	4.83 A	4.78 A	5.70 A	.665
- (B)	4.43 A	4.33 A	2.70 B	6.742*
- (C)	1.07 A	0.55 B	0.00 C	28.991**
- (D)	5.50 A	4.88 A	2.70 B	23.100*
(A) - (B)	0.40 B	0.45 B	3.00 A	4.459
(B) - (C)	3.37 A	3.78 A	2.70 A	1.444
(D) - (B)	1.07 A	0.55 B	0.00 C	28.991**
(D) - (C)	4.43 A	4.33 A	2.70 B	6.742*

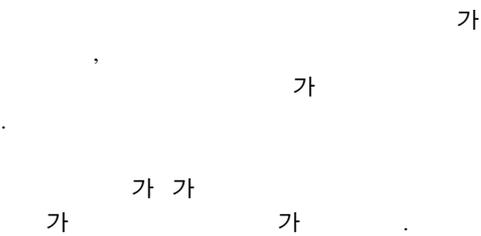
* P ≤ .05 ** P ≤ .001



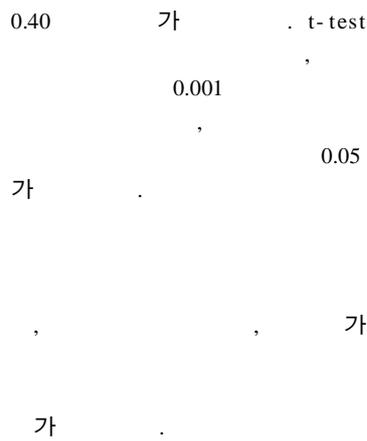
4.



가
t- test
6
가



가
0.40
0.001
0.005
가
0.05
8



8.

	M	S.D	M	S.D	T	M	S.D	M	S.D	T	M	S.D	M	S.D	T	M	S.D	M	S.D	T
(50- 60 cm)	5.00	.00	5.00	.00	0.00	5.00	.00	5.00	.00	0.00	5.00	.00	5.00	.00	0.00	5.00	.00	5.00	.00	0.00
(60- 75 cm)	3.67	.58	3.67	.58	0.00	3.33	1.53	3.67	1.16	0.23	4.67	.58	5.00	.00	1.00	3.89	1.05	4.11	.93	1.00
90°	3.33	1.53	4.67	.58	2.00	3.33	1.16	4.67	.58	4.00	4.00	1.73	4.33	1.16	1.00	3.56	1.33	4.56	.73	2.68*
90°	3.00	1.73	4.00	1.00	.87	3.67	1.58	4.33	.56	1.00	4.00	1.00	4.33	.58	1.00	3.56	1.33	4.22	.67	1.63
90°	2.33	.58	3.00	.00	2.00	2.33	.58	2.67	.58	1.00	3.33	1.53	3.67	1.53	1.00	2.67	1.00	3.11	.93	2.53*
	3.45		4.06			3.53		4.05			4.2		4.46			3.73		4.2		

* P ≤ .05 ** P ≤ .001

0.26 가 . 0.61, 0.52, .
 가
 90° 가 ,
 90° 가
 가
 , 90° , 90°
 가
 가 1.34, 1, 0.67 .
 가
 가
 90° 1.34, 90°
 가 0.66 가 ,
 가
 가
 , 90° ,
 가 90° 가 가 .
 가 가

IV.

