DISPLAY RULES IN GERMANY, JAPAN, ITALY AND HONG KONG: GENDER STUDY

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People of different countries have overall expressive differences regardless of the emotion aroused or the context in which they are aroused.

The range of variation in gender familial and peer relationships seen across cultural groups provides an opportunity for examining the effects of gender variable in different countries.

In this article it will be examined:

a) the interrelations among all five expression modes separately by gender within Germany, Hong Kong, Italy, and Japan;
 b) the effects of gender and target, of gender and emotion, and of gender and context within each of the four countries.

767 young adults (370 male and 397 female) from Germany, Hong Kong, Italy, and Japan have been considered.

the effects of gender are consistent across all five expressive modes and the effects of target, emotion, and context (Matsumoto & al., in press)

Results generally support ed the 6-factor structure of the he DRAI:

a) express the feeling as is;
b) amplify the expression, showing more than you feel;
c) deamplify the expression, showing less than you feel;

d) neutralize the expression, showing nothing;

e) mask the expression, concealing what you actually feel by showing something else;

f) qualify the expression, showing the emotion blended along with another emotion.

The purposes were to

(1) examine whether the effects of gender are consistent across all five expressive modes,
(2) whether there are country differences,

(3) examine the degree to which the effects of target, emotion, and context influence rules of display across the four countries

Sample Characteristics

Country	Total N	Number of Females	Number of Males	Mean Age (SD)
Germany	132	81	51	23.99 (3.62)
Hong Kong	111	57	54	No Available
Italy	112	56	56	23.90 (2.48)
Japan	408	202	206	20.24 (2.79)
Total	767	397	370	21.63 (3.42)

Intercorrelations among the Expression Modes Germany

	Deamplification		Expression		Masking		Qualifying	
	M	F	M	F	M	F	M	F
Amplify	-0.247	-0.143	0.134	0.023	0.181	0.007	-0.053	-0.076
Deamplify			-0.115	0.200	-0.186	-0.147	-0.454**	-0.368**
Express					-0.153	-0.357**	-0.211	-0.255*
Mask							0.040	-0.068

** $p < .001$
* $p < .005$

Intercorrelations among the Expression Modes Hong-Kong

	Deamplification		Expression		Masking		Qualifying	
	M	F	M	F	M	F	M	F
Amplify	0.137	-0.173	0.209	0.147	0.001	0.033	-0.266*	0.086
Deamplify			0.441**	0.321*	-0.222	-0.205	-0.150	-0.106
Express					-0.209	-0.121	-0.208	-0.005
Mask							0.191	0.144

** $p < .001$
* $p < .005$

Intercorrelations among the Expression Modes
Italy

	Deamplification		Expression		Masking		Qualifying	
	M	F	M	F	M	F	M	F
Amplify	-0.252	-0.358**	-0.113	-0.076	0.102	-0.056	0.101	-0.012
Deamplify			-0.209	0.093	-0.126	-0.345**	-0.040	-0.387**
Express					-0.096	-0.399**	-0.200	-0.250
Mask							0.411**	0.356**

**	$p < .001$
*	$p < .005$

Intercorrelations among the Expression Modes
Japan

	Deamplification		Expression		Masking		Qualifying	
	M	F	M	F	M	F	M	F
Amplify	-0.280**	-0.195**	0.184**	-0.165*	0.065	0.056	-0.023	0.102
Deamplify			-0.047	0.097	-0.205**	-0.201**	-0.171*	-0.120
Express					-0.145*	-0.039	-0.204**	-0.202**
Mask							0.232**	0.133

** $p < .001$

* $p < .005$

Effect Sizes (η^2) Associated with the Target, Context, Emotion, and Gender Main Effects, and the Interactions between Gender and Target, Gender and Context and Gender and Emotion. Germany

	Expression Mode				
Effect	Express	Deamplify	Amplify	Mask	Qualify
Target	.508	.033	.092	.098	.011
Context	.771	.377	.098	.205	.045
Emotion	.695	.174	.082	.128	.063
Gender	.000	.060	.012	.021	.004
Gender x Target	.013	.003	.015	.019	.003
Gender x Context	.006	.009	.036	.000	.004
Gender x Emotion	.012	.006	.018	.012	.009

Effect Sizes (η^2) Associated with the Target, Context, Emotion,

and Gender Main Effects, and the Interactions between Gender and Target,

Gender and Context and Gender and Emotion.

Hong Kong

	Expression Mode				
Effect	Express	Deamplify	Amplify	Mask	Qualify
Target	.270	.010	.156	.128	.040
Context	.271	.203	.343	.093	.017
Emotion	.442	.051	.153	045	.070
Gender	.010	.000	.000	.009	.000
Gender x Target	.008	.012	.011	.024	.011
Gender x Context	.016	.003	.000	.001	.016
Gender x Emotion	.023	.013	.014	.011	.007

Effect Sizes (η^2) Associated with the Target, Context, Emotion, and Gender Main Effects, and the Interactions between Gender and Target, Gender and Context and Gender and Emotion. Italy

Effect	Expression Mode				
	Express	Deamplify	Amplify	Mask	Qualify
Target	.372	.077	.079	.039	.014
Context	.435	.160	.205	.084	.000
Emotion	.435	.023	.142	.068	.086
Gender	.008	.004	.002	.009	.005
Gender x Target	.018	.010	.007	.006	.004
Gender x Context	.006	.013	.061	.018	.001
Gender x Emotion	.038	.030	.012	.016	.035

Effect Sizes (η^2) Associated with the Target, Context, Emotion, and Gender Main Effects, and the Interactions between Gender and Target, Gender and Context and Gender and Emotion.   Japan

Effect	Expression Mode				
	Express	Deamplify	Amplify	Mask	Qualify
Target	.268	.015	.065	.141	.032
Context	.684	.363	.328	.103	.037
Emotion	.585	.077	.279	.184	.044
Gender	.001	.024	.003	.010	.002
Gender x Target	.008	.002	.004	.008	.001
Gender x Context	.032	.000	.004	.002	.002
Gender x Emotion	.014	.006	.004	.004	.006

Context Marginal Means and Standard Errors (in parentheses) Germany

CONTEXT	Express	Amplify	Deamplify	Mask	Qualify	
	M F	M F	M F	M F	M F	
Private	.193 .208 (.029) (.022)	*.022 .043* (.009) (.007)	**.286 .243** (.014) (.011)	.034 .054 (.009) (.007)	.042 .047 (.008) (.006)	
Public	-.079 -.088 (.036) (.028)	.015 .015 (.007) (.009)	**.363 .304** (.017) (.013)	.051 .072 (.011) (.009)	.047 .056 (.009) (.007)	

Context Marginal Means and Standard Errors (in parentheses)

Japan

CONTEXT	Express		Amplify		Deamplify		Mask		Qualify	
	M	F	M	F	M	F	M	F	M	F
Private	.093 (.019)	.139 (.019)	.066 (.006)	.076 (.006)	**.264** (.008)	**.228** (.008)	.052 (.005)	.067 (.006)	.035 (.004)	.038 (.004)
Public	-.118 (.019)	-.132 (.019)	.029 (.004)	.032 (.004)	**.344** (.011)	**.308** (.011)	.064 (.007)	.082 (.007)	.040 (.005)	.047 (.005)

Country Marginal Means and Standard Errors (in parentheses)

COUNTRY	Express		Amplify		Deamplify		Mask		Qualify	
	M	F	M	F	M	F	M	F	M	F
Germany	.057 (.031)	.060 (.024)	.018 (.007)	.029 (.005)	**.333** (.011)	**.265** (.009)	.042 (.010)	.063 (.008)	.044 (.008)	.052 (.007)
Italy	-.009 (.039)	.039 (.038)	.048 (.009)	.054 (.009)	.292 (.017)	.239 (.015)	.032 (.008)	.043 (.008)	.042 (.008)	.050 (.008)
Japan	-.013 (.018)	.003 (.013)	.048 (.005)	.054 (.005)	**.305** (.008)	**.268** (.009)	.058 (.006)	.075 (.006)	.038 (.004)	.043 (.004)
Hong Kong	-.108 (.040)	-.050 (.039)	.038 (.006)	.036 (.006)	.302 (.016)	.300 (.016)	.079 (.015)	.100 (.015)	.053 (.008)	.052 (.007)

Means presented in boldface are significant ($p < .005$) at t test with Bonferroni adjustment