

# World Database of Happiness

## Correlational Findings on Happiness and ROLES Subject Code: R4



© on data collection: Ruut Veenhoven, Erasmus University Rotterdam

### Classification of Findings

Subject Code	Description	Nr of Studies on this Subject
R4	ROLES	0
R4.1	Role career	0
R4.1.1	Earlier roles	1
R4.1.2	Change in roles	0
R4.1.2.1	. role loss	2
R4.1.2.2	. new roles	0
R4.1.4	Later roles	1
R4.2	Current roles	1
R4.2.1	Current number of roles	3
R4.2.2	Characteristics of current role-set	0
R4.2.2.1	. role ambiguity	0
R4.2.2.2	. role conflict	3
R4.2.2.3	. role stress	1
R4.2.3	Specific roles	0
R4.2.3.2	. family roles	3
R4.2.3.3	. work roles	3
R4.3	Attitudes to own roles	5
Appendix 1	Happiness Items used	
Appendix 2	Statistics used	
Appendix 3	About the World Database of Happiness	
Appendix 4	Further Findings in the World Database of Happiness	
Appendix 5	Related Subjects	
Cite as	Veenhoven, R.: Findings on ROLES World Database of Happiness, Correlational Findings Internet: <a href="http://worlddatabaseofhappiness.eur.nl">worlddatabaseofhappiness.eur.nl</a> Erasmus University Rotterdam, 2009, Netherlands	

## Correlational finding on Happiness and Earlier roles

Subject code: R4.1.1

## Study

## MOEN 1995

*Reported in:* Moen, P.; Robinson, J; Dempster-McClain, D.  
 Caregiving and Women's Well-Being: A Life Course Approach.  
 Journal of Health and Social Behavior, 1995, Vol. 36, 259 - 273. ISSN 0022 1465  
 Page in Report: 265

*Population:* Mothers USA, followed 30 years 1956-1986

*Sample:* Probability stratified sample

*Non-Response:* 20

*N:* 313

## Correlate

*Authors label:* Early multiple role occupancy

*Our classification:* Earlier roles, code R4.1.1

*Measurement:* Number of roles occupied beyond marriage and motherhood. These included frequent contact with relatives, neighbors and/or friends, regular church attendance, club membership and volunteering. (indicator of social integration)

Assessed at T1 (1956)

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>	
M-CO/*/mq/v/3/a	DMa=+	T1 roles - low - high	T2 happiness Ma = 2,30 Ma = 2,62  Ma controled for: - age - T2 marital status - T2 education

## Correlational finding on Happiness and . role loss

Subject code: R4.1.2.1

## Study

## MORIW 1973

*Reported in:* Moriwaki, S.Y.

Self-Disclosure, Significant Others and Psychological Well-Being in Old Age.

Journal of Health and Social Behavior, 1973, Vol. 14, 226 - 232. ISSN 0022 1465

Page in Report: 229

*Population:* 60+ aged, retirees, Los Angeles County, USA, 1971

*Sample:*

*Non-Response:*

*N:* 71

## Correlate

*Authors label:* Role loss. (1)

*Our classification:* . role loss, code R4.1.2.1

*Measurement:* Number of lost roles. (As a spouse, parent, worker, etc.)

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
A-BB/cm/mq/v/2/a	<u>r=+.05 ns</u>	

## Correlational finding on Happiness and . role loss

Subject code: R4.1.2.1

### Study MORIW 1973

*Reported in:* Moriwaki, S.Y.

Self-Disclosure, Significant Others and Psychological Well-Being in Old Age.

Journal of Health and Social Behavior, 1973, Vol. 14, 226 - 232. ISSN 0022 1465

Page in Report: 229

*Population:* 60+ aged, retirees, Los Angeles County, USA, 1971

*Sample:*

*Non-Response:*

*N:* 71

## Correlate

*Authors label:* Role loss. (2)

*Our classification:* . role loss, code R4.1.2.1

*Measurement:* Number of lost roles. (As a spouse, parent, worker, etc.)

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.05 ns</u>	

## Correlational finding on Happiness and Later roles Subject code: R4.1.4

### Study MOEN 1995

*Reported in:* Moen, P.; Robinson, J; Dempster-McClain, D.  
Caregiving and Women's Well-Being: A Life Course Approach.  
Journal of Health and Social Behavior, 1995, Vol. 36, 259 - 273. ISSN 0022 1465  
Page in Report: 264

*Population:* Mothers USA, followed 30 years 1956-1986

*Sample:* Probability stratified sample

*Non-Response:* 20

*N:* 313

### Correlate

*Authors label:* Current role conflict

*Our classification:* Later roles, code R4.1.4

*Measurement:* Ss were asked how much conflict or difficulty they felt between five different role combinations. These number of role combinations each respondent described as creating great or moderate conflict are totaled to derive a role conflict scale ranging from zero to five.

Assessed at T2 (1986)

*Measured Values:* Possible range 0-5

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
-------------------	------------	---------------------

<u>M-CO*/mq/v/3/a</u>	<u>DMa=-</u>	T1 happiness - low - high	T2 role conflict Ma = 3,20 Ma = 1,15
Ma role conflict controled for:			
- age			

- T2 marital status  
- T2 education

## Correlational finding on Happiness and Current roles

Subject code: R4.2

### Study **GOVE 1987**

*Reported in:* Gove, W.R., Zeiss C.  
Multiple roles and Happiness  
Crosby, F.J.; Ed.: "Spouse, Parent, Worker", Yale University Press, 1987, New Haven, USA, 125 -137  
ISBN 0 300 03843 7  
Page in Report: 126,129

*Population:* 18+ aged, USA, 1974-1975

*Sample:* Probability stratified sample

*Non-Response:* 23,3%

*N:* 2248

### Correlate

*Authors label:* Marital status

*Our classification:* Current roles, code R4.2

*Measurement:* 0 Not married  
1 Married

### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
--------------------------	-------------------	----------------------------

<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	WOMEN Has work, no children - Married M = 3,56 - Not married M = 3,23 Difference +0,33
-------------------------	-------------	--

<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	Has work, children at home - Married M = 3,38 - Not married M = 3,17 Difference +0,21
<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	Has work, children away - Married M = 3,36 - Not married M = 2,97 Difference +0,39
<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	No work, no children - Married M = 3,40 - Not married M = 3,04 Difference +0,36
<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	No work, children at home - Married M = 3,37 - Not married M = 2,97 Difference +0,30
<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	No work, children away - Married M = 3,36 - Not married M = 2,87 Difference +0,39
<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	MEN Has work, no children - Married M = 3,37 - Not married M = 3,03 Difference +0,30
<u>O-HL/u/sq/v/4/aa</u>	<u>DM=-</u>	Has work, children at home - Married M = 3,17 - Not married M = 3,21 Difference -0,04
<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	Has work, children away - Married M = 3,50 - Not married M = 3,01 Difference +0,49
<u>O-HL/u/sq/v/4/aa</u>	<u>DM=+</u>	No work, no children - Married M = 2,97 - Not married M = 2,84 Difference +0,13

O-HL/u/sq/v/4/aa

DM=+

No work, children at home  
 - Married M = 3,14  
 - Not married M = 2,59  
 Difference +0,55

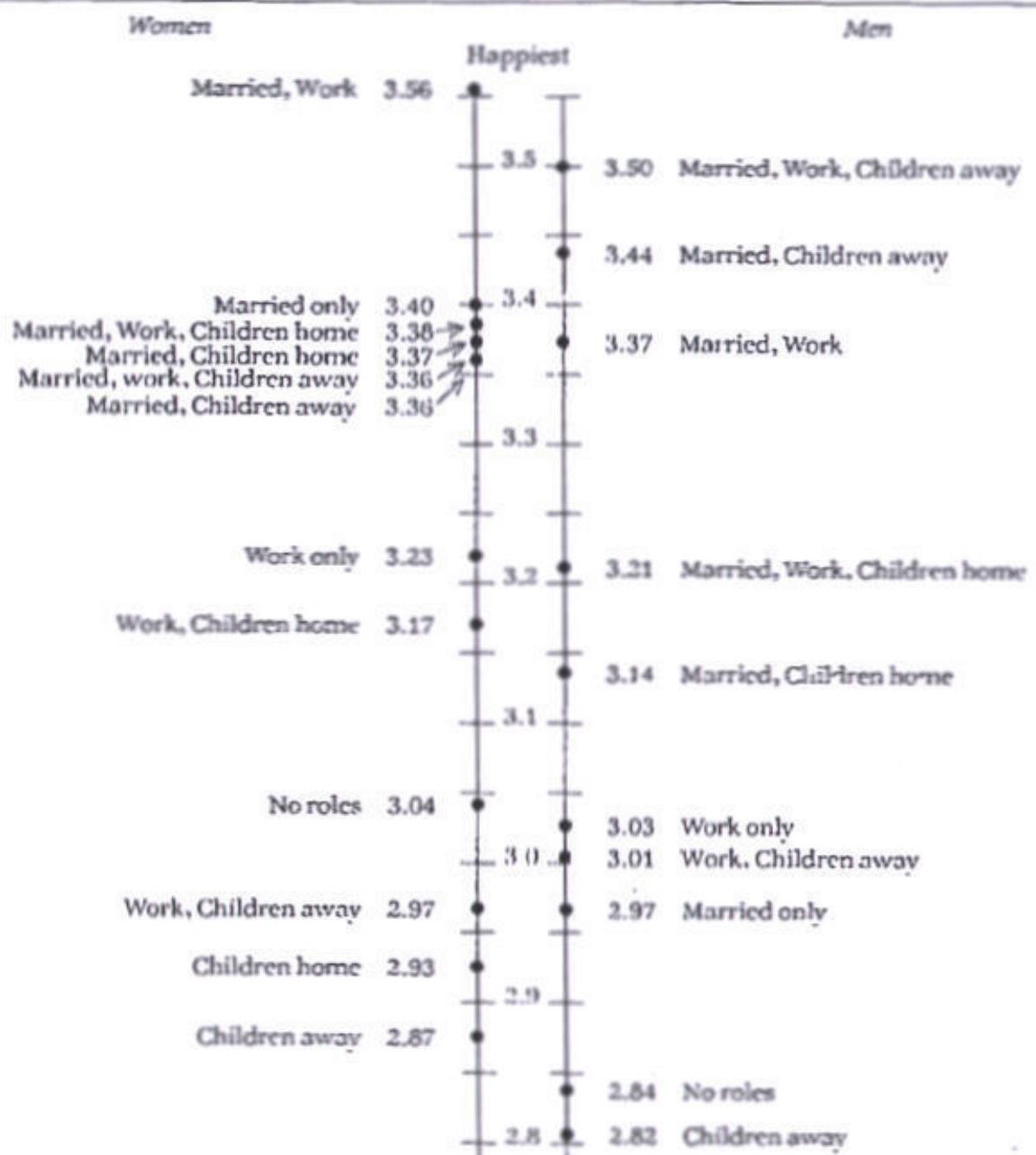
O-HL/u/sq/v/4/aa

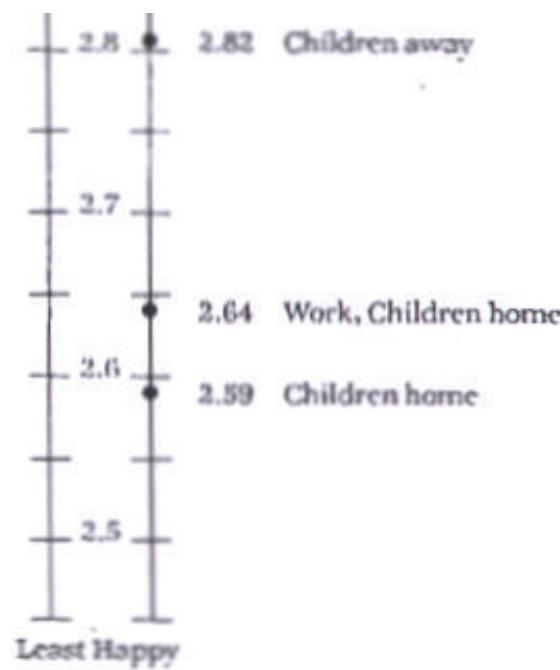
DM=+

No work, children away  
 - Married M = 3,44  
 - Not married M = 2,82  
 Difference +0,62

Set Image size:

Table 9.2: Happiness by Gender and Roles





## Correlational finding on Happiness and Current number of roles

Subject code: R4.2.1

### Study

LOWEN 1975

*Reported in:* Lowenthal, M.F., Thurnher, M.; Chiriboga, D.  
Four Stages of Life. A Comparative Study of Women and Men Facing Transition.  
Jossey-Bass, 1975, San Francisco, USA  
Page in Report: 93

*Population:* People in transition, metropolis, USA, 1969

*Sample:*

*Non-Response:*

*N:* 216

### Correlate

*Authors label:* Total role scope (2)

*Our classification:* Current number of roles, code R4.2.1

*Measurement:* The number of the following roles the respondent had at the time of the interview: spouse, parent, grandparent, sibling, child, grandchild, friend, neighbor, churchgoer, organization member, employee/employer, student

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>	
<u>A-BB/cw/mq/v/4/d</u>	<u>r= ns</u>	Youngest (hs seniors + newly-weds)	
<u>A-BB/cw/mq/v/4/d</u>	<u>r= ns</u>	Oldest (middle aged + preretired)	
<u>O-HL/c/sq/v/3/aa</u>	hs seniors newly weds middle aged preretired	males: r= ns males: r= ns males: r=+.37 (ns) males: r= ns	females: r= ns females: r= ns females: r= ns females: r= ns

## Correlational finding on Happiness and Current number of roles

Subject code: R4.2.1

## Study

LOWEN 1975

*Reported in:* Lowenthal, M.F.; Thurnher, M.; Chiriboga, D.  
Four Stages of Life. A Comparative Study of Women and Men Facing Transition  
Jossey-Bass, 1975, San Francisco, USA  
Page in Report: 93

*Population:* People in transition, metropolis, USA, 1960

*Sample:*

### *Non-Response:*

N: 216

## Correlate

*Authors label:* Total role scope (1)

*Our classification:* Current number of roles, code R4.2.

**Measurement:** The number of the following roles the respondent had at the time of the interview: spouse, parent, grandparent, sibling, child, grandchild, friend, neighbor, churchgoer, organization member, employee/employer, student

Remarks: hs seniors males:  $r = ns$  females:  $r = ns$  newly weds  
males:  $r = ns$  females:  $r = +.51$  (01)  
middle aged males:  $r = ns$  females:  $r = ns$  preretired  
males:  $r = ns$  females:  $r = ns$

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-Sum/u/mq/*/0/a</u>	<u>r=+.22</u> <u>p&lt;.05</u>	Youngest (hs seniors + newly-weds)
<u>O-Sum/u/mq/*/0/a</u>	<u>r= ns</u>	Oldest (middle aged + preretired)

---

## Correlational finding on Happiness and Current number of roles

Subject code: R4.2.1

### Study MILLE 1991

*Reported in:* Miller, M.L.; Moen, P.; Dempster-McClain, D.  
 Motherhood, Multiple Roles and Maternal Well-Being: Women of the 1950s.  
 Gender and Society, 1991, Vol. 5, 565 - 582. ISSN 0891 2432  
 Page in Report: 574

*Population:* White married mothers with children under age 13, USA 1956

*Sample:* Probability stratified sample

*Non-Response:*

*N:* 356

## Correlate

*Authors label:* Social integration

*Our classification:* Current number of roles, code R4.2.1

*Measurement:* Number of roles beyond that of wife and mother:

- paid worker
- club member
- religious member
- friend
- neighbor
- relative

Rated: yes/no

*Measured Values:* M = 4,11, SD = 1,05

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
-------------------	------------	---------------------

<u>M-CO/*/mq/v/3/a</u>	<u>Beta=+.20</u> <u>p&lt;.001</u>	Betas controlled for: - age - education - husband's occupation (professional or not) - life-cycle stage (chlid < 6 years or not) - number of children
<u>M-CO/*/mq/v/3/a</u>	<u>Beta=+.24</u> <u>p&lt;.001</u>	Additional control for employment (paid work omitted from list of roles)
<u>M-CO/*/mq/v/3/a</u>	<u>Beta= ns</u>	Unaffected by interactions between - roles/employment - roles/ husband's occupation - employment/husbands occupation
<u>M-CO/*/mq/v/3/a</u>	<u>Beta= ns</u>	Squared roles: To test for curvi-linearity life satisfaction was regressed on the square of the number of roles, controlling for individual and structural variables and number of roles
<u>M-CO/*/mq/v/3/a</u>	<u>Beta= ns</u>	To assess whether the number of roles or one role in particular mattered most, each role was entered separately into a regression equation along with with the control variables and a summary measure of other roles. No single role proved statistically significant, while the contribution of the number of roles remained significant

## Correlational finding on Happiness and . role conflict

Subject code: R4.2.2.2

### Study **HARRY 1976**

*Reported in:* Harry, J.  
Evolving sources of happiness for men over the life cycle: A structural analysis  
Journal of Marriage and the Family, Vol 38, 1976, 289-296  
Page in Report: 292

*Population:* 18+ aged males, living with family, USA, 1973

*Sample:*

*Non-Response:*

*N:* 374

### Correlate

*Authors label:* Institutional malintegration (1)

*Our classification:* . role conflict, code R4.2.2.2

*Measurement:* Absolute difference between satisfaction with job and with family: both assessed by means of a single direct question

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.17 ns</u>	Single
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.25 ns</u>	Married, no children
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.35 ns</u>	Married, pre-school children
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.27</u> <u>p&lt;.05</u>	Married, schoolage children
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.27 ns</u>	Married, teenage children
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.25</u> <u>p&lt;.05</u>	Married, children grown up

## Correlational finding on Happiness and . role conflict

Subject code: R4.2.2.2

### Study SHICH 1984

*Reported in:* Shichman, S.; Cooper, E.  
Life Satisfaction and Sex-Role Concept.  
Sex Roles, 1984, Vol. 11, 227 - 240. ISSN 0360 0025 DOI:10.1007/BF00287516  
Page in Report: 238

*Population:* Adults, students and churchmembers, USA, 198?

*Sample:*

*Non-Response:* 5,9 %

*N:* 217

## Correlate

*Authors label:* Divergence real and ideal sex- role (1)

*Our classification:* . role conflict, code R4.2.2.2

*Measurement:* The Bem Sex Role Inventory (Bem, 1974) was administered twice to each respondent. In the first instance the respondent was asked to describe him/herself as he/she is now. In the second instance the respondent was asked to describe him/herself as he/she would like to be.

0 Small divergence.  
1 Big divergence.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLu/u/sq/v/4/a</u>	<u>r=-.15</u> <u>p&lt;.05</u>	

## Correlational finding on Happiness and . role conflict

Subject code: R4.2.2.2

### Study TOWNS 1981

*Reported in:* Townsend, A.;Gurin, P.  
Re-Examining the Frustrated Homemaker Hypothesis: Role Fit, Personal Dissatisfaction, and Collective Discontent.  
Sociology of Work and Occupations, 1981, Vol. 8, 464 - 488  
Page in Report: 477

*Population:* 18+ aged, white women, USA, 1972

*Sample:*

*Non-Response:*

*N:* 946

## Correlate

*Authors label:* Role-fit (1)

*Our classification:* . role conflict, code R4.2.2.2

*Measurement:* 0 Employed women  
1 Career-oriented home-makers  
2 Home-oriented homemakers

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>

<u>C-RA/h/sq/v/2/a</u>	<u>E<sup>2</sup>=.10</u>	Employed women	M = 1.67
		Career-oriented homemakers	M = 1.57
		Home-oriented homemakers	M = 1.74

<u>C-RA/h/sq/v/2/a</u>	<u>Beta=+.03</u>	Controlled for age, education and marital status.
	<u>p&lt;.001</u>	
		employed women Ma = 1.33
		career-oriented homemakers Ma = 1.47
		home-oriented homemakers Ma = 1.25
		Adjusted means (Ma) based on the dichotomy
		1 = happy, 2 = not happy

<u>O-SLu/c/sq/v/3/b</u>	<u>E<sup>2</sup>=.10</u>	Employed women	M = 1.90
		Career-oriented homemakers	M = 1.84
		Home-oriented homemakers	M = 1.94

<u>O-SLu/c/sq/v/3/b</u>	<u>Beta=+.14</u>	$\beta$ and Ma(adjusted Mean) are controlled for age, education and marital status.
	<u>p&lt;.001</u>	
		Employed women Ma = 1.90
		Career-oriented homemakers Ma = 1.82
		Home-oriented homemakers Ma = 1.94

<u>C-RA/h/sq/v/2/a</u>	<u>Beta=+.17</u>	$\beta$ and Ma(adjusted Mean) are controlled for age, education and marital status.
	<u>p&lt;.001</u>	
		Employed women Ma = 1.67
		Career-oriented homemakers Ma = 1.53
		Home-oriented homemakers Ma = 1.75

## Correlational finding on Happiness and . role stress

Subject code: R4.2.2.3

### Study CHASS 1980

*Reported in:* Chassie, M.B.; Bhagat, R.S.  
 Role Stress in Working Women: Differential Effect on Selected Organizational Outcomes.  
 Group & Organizational Studies, 1980, Vol. 5, 224 - 233  
 Page in Report: 228 + 230

*Population:* Working women, USA, 197?

*Sample:* Non-probability purposive sample

*Non-Response:* not reported

*N:* 115

## Correlate

*Authors label:* Role stress (2)

*Our classification:* . role stress, code R4.2.2.3

*Measurement:* The absolute differences between actual time allocation in eight relevant roles and preferred time allocation for these roles. The roles being: employee, volunteer, wife, mother, housekeeper, student, committee member, leisure time pursuer (see also Andrews & Farris, 1972)

*Measured Values:* Range ?M=46,8 SD=32,14

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SL?/?/sq/f/7/a</u>	<u>DM=- ns</u>	High stress: Mt=5.6 Low stress: Mt=6.6
<u>O-SL?/?/sq/f/7/a</u>	<u>r=-.20</u> <u>p&lt;.05</u>	
<u>O-SL?/?/sq/f/7/a</u>	<u>rpc=-.20</u>	Controlled for organizational commitment
<u>O-SL?/?/sq/f/7/a</u>	<u>rpc=-.17</u>	Controlled for total job satisfaction

## Correlational finding on Happiness and . family roles

Subject code: R4.2.3.2

### Study CLOIN 2007

*Reported in:* Cloin, M.; Wennekers, C.  
Een Gelukkige Combinatie. (A Happy Combination).  
Schnabel, P.; Ed.: "Veel Geluk in 2007", Social Cultural Planning Office (SCP), 2007, The Hague, Netherlands, 51 - 56. ISBN 9789 03770 2958  
Page in Report: 53

*Population:* 20-65-aged; Netherlands, 2004

*Sample:* Probability simple random sample

*Non-Response:*

*N:* 1491

## Correlate

*Authors label:* Household type

*Our classification:* . family roles, code R4.2.3.2

*Measurement:* Household-situations for men:

- a: couple, no child, man works part time (substantial), woman has a job
- b: couple, with child, man works full-time, woman has a job
- c: couple, no child, man works full-time, woman has no job
- d: couple with child, man works full-time, woman has no job
- e: couple, with child, man works part-time (substantial), woman has a job
- f: couple, no child, man works full-time, woman has a job
- g: couple, no child, man has no job, woman has no job
- h: man lives alone, works full-time
- i: couple, no child, man has no job, woman has a job, man does housekeeping
- j: man lives alone, works part-time (substantial or small)
- k: man lives alone, has no job

Household-situations for women:

- a: couple, with child, woman works full-time, man works
- b: couple, with child, woman works part-time (substantial), man works
- c: couple, no child, woman works full-time, man works
- d: couple, no child, woman works part-time, man works
- e: couple, with child, woman has no job, man works
- f: woman lives alone, works full-time
- g: couple, no child, man has no job and keeps the house, woman works
- h: couple with child, woman works part-time (small), man works
- i: couple, no child, woman has no job, man has no job
- j: couple, no child, woman has no job, man works
- k: woman lives alone, works part-time (small or substantial)
- l: mother lives alone, has a job
- m: woman lives alone, has no job
- n: mother lives alone, has no job

*Measured Values:* N: Men: 696: a: 25; b: 127; c: 48; d: 74; e: 16; f: 129; g: 49; h: 107; i: 29. N: Women: 795: a: 21; b: 119; c: 54; d: 100; e: 57; f: 60; g: 35; h: 27; i: 63; j: 76; k: 64; l: 26; m: 69; n: 24.

## Observed Relation with Happiness

*Happiness Measure*

*Statistics*      *Elaboration/Remarks*

O-HP/u/sq/v/5/a

D% =

% (very) happy by their household-situation: MALES

a: 92  
b: 91  
c: 90  
d: 88  
e: 88  
f: 84  
g: 84  
h: 76  
i: 69  
j: 69  
k: 45

% (very) happy by their household-situation:

FEMALES

a: 95  
b: 94  
c: 93  
d: 91  
e: 88  
f: 87  
g: 86  
h: 85  
i: 83  
j: 76  
k: 67  
l: 62  
m: 54  
n: 50

---

## Correlational finding on Happiness and . family roles

Subject code: R4.2.3.2

Study

LOWEN 1975

*Reported in:* Lowenthal, M.F., Thurnher, M.; Chiriboga, D.

Four Stages of Life. A Comparative Study of Women and Men Facing Transition.

Jossey-Bass, 1975, San Francisco, USA

Page in Report: 93

*Population:* People in transition, metropolis, USA, 1969

*Sample:*

*Non-Response:*

*N:* 216

---

## Correlate

*Authors label:* Familial roles (3)

*Our classification:* . family roles, code R4.2.3.2

**Measurement:** The number of the following roles the respondent had at the time of the interview: spouse, parent, grandparent, sibling, child, grandchild.

Remarks: hs seniors males: r= ns females: r= ns newly weds  
males: r= ns females: r= ns  
middle aged males: r= ns females: r= ns preretired  
males: r= ns females: r= ns

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cw/mq/v/4/d</u>	<u>r=+.24</u> <u>p&lt;.05</u>	Youngest (hs seniors + newly-weds)
<u>A-BB/cw/mq/v/4/d</u>	<u>r= ns</u>	Oldest (middle aged + preretired)

## Correlational finding on Happiness and . family roles

Subject code: R4.2.3.2

## Study

LOWEN 1975

Reported in: Lowenthal, M.F.,; Thurnher, M.; Chiriboga, D.  
Four Stages of Life. A Comparative Study of Women and Men Facing Transition  
Jossey-Bass, 1975, San Francisco, USA  
Page in Report: 93

*Population:* People in transition, metropolis, USA, 1969

*Sample:*

### *Non-Response:*

N: 216

## Correlate

*Authors label:* Familial roles (1)

*Our classification:* . family roles, code R4.2.3.2

*Measurement:* The number of the following roles the respondent had at the time of the interview: spouse, parent, grandparent, sibling, child, grandchild.

*Remarks:* hs seniors males: r= ns females: r= ns newly weds  
 males: r=+.37 ns females: r=+.54 01  
 middle aged males: r= ns females: r= ns preretired  
 males: r= ns females: r= ns

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-Sum/u/mq/*/0/a</u>	<u>r=+.42</u> <u>p&lt;.01</u>	Youngest (hs seniors + newly-weds)
<u>O-Sum/u/mq/*/0/a</u>	<u>r= p&lt;.nss</u>	Oldest (middle aged + preretired)

## Correlational finding on Happiness and . work roles

Subject code: R4.2.3.3

### Study **LOWEN 1975**

*Reported in:* Lowenthal, M.F., Thurnher, M.; Chiriboga, D.  
 Four Stages of Life. A Comparative Study of Women and Men Facing Transition.  
 Jossey-Bass, 1975, San Francisco, USA  
 Page in Report: 93

*Population:* People in transition, metropolis, USA, 1969

*Sample:*

*Non-Response:*

*N:* 216

## Correlate

*Authors label:* Occupational roles (2)

*Our classification:* . work roles, code R4.2.3.3

*Measurement:* The number of the following roles the respondent had at the time of the interview: employee/employer, student.

*Remarks:* hs seniors males: r= ns females: r= ns newly weds  
 males: r= ns females: r= ns  
 middle aged males: r= ns females: r= ns preretired  
 males: r= -.39 (.05) females: r= ns

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cw/mq/v/4/d</u>	<u>r=-.18 ns</u>	Youngest (hs seniors + newly-weds)
<u>A-BB/cw/mq/v/4/d</u>	<u>r= ns</u>	Oldest (middle aged + preretired)

---

## Correlational finding on Happiness and . work roles

Subject code: R4.2.3.3

### Study **LOWEN 1975**

*Reported in:* Lowenthal, M.F.,;Thurnher, M.; Chiriboga, D.  
 Four Stages of Life. A Comparative Study of Women and Men Facing Transition.  
 Jossey-Bass, 1975, San Francisco, USA  
 Page in Report: 93

*Population:* People in transition, metropolis, USA, 1969

*Sample:*

*Non-Response:*

*N:* 216

---

## Correlate

*Authors label:* Occupational roles (1)

*Our classification:* . work roles, code R4.2.3.3

*Measurement:* The number of the following roles the respondent had at the time of the interview: employee/employer, student.

*Remarks:* hs seniors males: r= ns females: r= ns newly weds  
 males: r= ns females: r= ns  
 middle aged males: r= ns females: r= ns preretired  
 males: r= ns females: r= ns

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-Sum/u/mq/*/0/a</u>	<u>r=-.17 ns</u>	Youngest (hs seniors + newly-weds)

O-Sum/u/mq/\*/0/a      r= ns      oldest      (middle aged + preretired)

## Correlational finding on Happiness and . work roles

Subject code: R4.2.3.3

## Study

MILLE 1991

Reported in: Miller, M.L.; Moen, P.; Dempster-McClain, D.  
Motherhood, Multiple Roles and Maternal Well-Being: Women of the 1950s  
Gender and Society, 1991, Vol. 5, 565 - 582. ISSN 0891 2432  
Page in Report: 574

*Population:* White married mothers with children under age 13, USA 1950

*Sample:* Probability stratified sample

### *Non-Response:*

N: 356

## Correlate

*Authors label:* Social integration

*Our classification: . work roles, code R4.2.3.3*

*Measurement:* Number of roles beyond that of wife and mother

- paid worker
- club member
- religious member
- friend
- neighbor
- relative

Rated: yes/no

*Measured Values:* M = 4,11, SD = 1,05

## Observed Relation with Happiness

## *Happiness Measure*      *Statistics*

M-CO/\*/mq/v/3/a

Beta=.20    Betas controlled for  
p<.001    - age

- education
- husband's occupation (professional or not)
- life-cycle stage (chlid < 6 years or not)
- number of children

M-CO/\*/mq/v/3/a

Beta=.24 Additional control for employment  
p<.001 (paid work omitted from list of roles)

<u>M-CO/*/mq/v/3/a</u>	<u>Beta= ns</u>	Unaffected by interactions between - roles/employment - roles/ husband's occupation - employment/husbands occupation
<u>M-CO/*/mq/v/3/a</u>	<u>Beta= ns</u>	Squared roles: To test for curvi-linearity life satisfaction was regressed on the square of the number of roles, controlling for individual and structural variables and number of roles
<u>M-CO/*/mq/v/3/a</u>	<u>Beta= ns</u>	To assess whether the number of roles or one role in particular mattered most, each role was entered separately into a regression equation along with the control variables and a summary measure of other roles. No single role proved statistically significant, while the contribution of the number of roles remained significant

## Correlational finding on Happiness and Attitudes to own roles

Subject code: R4.3

### Study BRADB 1965/1

*Reported in:* Bradburn, N.M.; Caplovitz D.  
Reports on Happiness. A Pilot Study of Behavior Related to Mental Health.  
Aldine Publishing Company, 1965, Chicago, USA  
Page in Report: 38

*Population:* Adult, general public, 4 towns, varying in economic prosperity, Illinois, USA, 1962

*Sample:*

*Non-Response:* -

*N:* 2006

### Correlate

*Authors label:* Over-all role adjustment (1)

*Our classification:* Attitudes to own roles, code R4.3

*Measurement:* Combined 13-item marital tension index and 3-item job satisfaction index.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
--------------------------	-------------------	----------------------------

O-HL/c/sq/v/3/aaG=+.43p<.01

## Correlational finding on Happiness and Attitudes to own roles

Subject code: R4.3

**Study** **CHA 2003***Reported in:* Cha, K.H.

Subjective Well-Being among College Students.

Social Indicators Research, 2003, Vol.62/63, 455 - 477. ISSN p 0303 8300; ISSN e 1573 0921

DOI:10.1023/A:1022669906470 ISSN: 0303 8300 doi:10.1023/A:1022669906470

Page in Report: 466

*Population:* College students, Korea, 199?*Sample:* Non-probability chunk sample*Non-Response:**N:* 350**Correlate***Authors label:* Collective self-esteem*Our classification:* Attitudes to own roles, code R4.3*Measurement:* Ss were asked to think of the ascribed social categories to which they belong, such as sex, gender and religion. They then rated:

- A How good they feel about these categories (private collective esteem)
- B How good they think that others evaluate these categories (public collective self esteem)
- C How worthy they feel as members of these categories (membership esteem)
- D How important membership is to their selfesteem (importance to identity)

Ratings made on a 6-point Likert scale

Korean Collective Self-esteem Scale. (Kim 1994; Luhtanen &amp; Croker 1992)

*Error Estimates:* alpha=.85**Observed Relation with Happiness****Happiness Measure****Statistics****Elaboration/Remarks**A-BD2/cm/mq/v/7/br=+.41p<.01

## Correlational finding on Happiness and Attitudes to own roles

Subject code: R4.3

## Study

CHA 2003

*Reported in:* Cha, K.H.  
 Subjective Well-Being among College Students.  
 Social Indicators Research, 2003, Vol.62/63, 455 - 477. ISSN p 0303 8300; ISSN e 1573 0921  
 DOI:10.1023/A:1022669906470 ISSN: 0303 8300 doi:10.1023/A:1022669906470  
 Page in Report: 466

*Population:* College students, Korea, 199?

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 350

## Correlate

*Authors label:* Membership esteem

*Our classification:* Attitudes to own roles, code R4.3

*Measurement:* Ss were asked to think of the ascribed social categories to which they belong, such as sex, gender and religion. They then rated how worthy they are as members of these categories on a 6-point Likert scale.

Membership esteem subscale of Korean Collective Self-esteem Scale (Kim 1994; Luhtanen & Croker 1992)

*Error Estimates:* alpha=.71

## Observed Relation with Happiness

*Happiness Measure*

*Statistics*

*Elaboration/Remarks*

A-BD2/cm/mq/v/7/b

r=+.39

p<.01

## Correlational finding on Happiness and Attitudes to own roles

Subject code: R4.3

## Study

CHA 2003

*Reported in:* Cha, K.H.  
 Subjective Well-Being among College Students.  
 Social Indicators Research, 2003, Vol.62/63, 455 - 477. ISSN p 0303 8300; ISSN e 1573 0921  
 DOI:10.1023/A:1022669906470 ISSN: 0303 8300 doi:10.1023/A:1022669906470  
 Page in Report: 466

*Population:* College students, Korea, 199?

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 350

## Correlate

*Authors label:* Private collective self-esteem

*Our classification:* Attitudes to own roles, code R4.3

*Measurement:* Ss were asked to think of the ascribed social categories to which they belong, such as sex, gender and religion. They then rated how good they feel about these categories on a 6-point Likert scale.

Private collective esteem subscale of Korean Collective Self-esteem Scale (Kim 1994; Luhtanen & Croker 1992)

*Error Estimates:* alpha=.77

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>A-BD2/cm/mq/v/7/b</u>	<u>r=+.36</u> <u>p&lt;.01</u>	

## Correlational finding on Happiness and Attitudes to own roles

Subject code: R4.3

### Study CHA 2003

*Reported in:* Cha, K.H.  
 Subjective Well-Being among College Students.  
 Social Indicators Research, 2003, Vol.62/63, 455 - 477. ISSN p 0303 8300; ISSN e 1573 0921  
 DOI:10.1023/A:1022669906470 ISSN: 0303 8300 doi:10.1023/A:1022669906470  
 Page in Report: 466

*Population:* College students, Korea, 199?

*Sample:* Non-probability chunk sample

*Non-Response:*

N: 350

## Correlate

*Authors label:* Public collective self-esteem

*Our classification:* Attitudes to own roles, code R4.3

*Measurement:* Ss were asked to think of the ascribed social categories to which they belong, such as sex, gender and religion. They then rated how positive other people evaluate these categories on a 6-point Likert scale.

Public collective esteem subscale of Korean Collective Self-esteem Scale (Kim 1994; Luhtanen & Croker 1992)

*Error Estimates:* alpha=.64

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>A-BD2/cm/mq/v/7/b</u>	<u>r=+.35</u> <u>p&lt;.01</u>	

## Appendix 1: Happiness Items used

*Happiness Item Code*      *Full Text*

A-BB/cm/mq/v/2/a      Selfreport on 10 questions:

During the past few weeks, did you ever feel ....? (yes/no)  
 A Particularly exited or interested in something?  
 B So restless that you couldn't sit long in a chair?  
 C Proud because someone complimented you on something you had done?  
 D Very lonely or remote from other people?  
 E Pleased about having accomplished something?  
 F Bored?  
 G On top of the world?  
 H Depressed or very unhappy?  
 I That things were going your way?  
 J Upset because someone criticized you?

Answer options and scoring:

yes = 1

no = 0

Summation:

- Positive Affect Score (PAS): A+C+E+G+I
- Negative Affect Score (NAS): B+D+F+H+J
- Affect Balance Score (ABS): PAS minus NAS
- Possible range: -5 to +5

Name: Bradburn's 'Affect Balance Scale' (standard version)

A-BB/cw/mq/v/4/d

Selfreport on 8 questions.

"During the past week, did you ever feel.....?"

- A very lonely
- B restless
- C bored
- D depressed
- E on top of the world
- F exited or interested
- G pleased about accomplishment
- H proud

Answer options:

- 1 never
- 2 once
- 3 several times
- 4 often

Summation:

- Positive Affect Score (PAS): E+F+G+H
- Negative Affect Score (NAS): A+B+C+D
- Affect Balance Score (ABS): PAS-NAS+13

Name: Bradburn's Affect Balance Scale (modified version)

A-BD2/cm/mq/v/7/b

Selfreport on 8 questions:

Using the scale below, indicate how much of the time during the PAST MONTH have you felt each emotion?

- A affectionate
- B joyful
- C sad
- D worried
- E irritable
- F guilty
- G happy
- H proud

- 1 never
- 2 slight amount (rare)
- 3 some of the time
- 4 about half the time
- 5 much of the time
- 6 almost always
- 7 always

Computation:  $(A+B+G+H)-(C+D+E+F)/8$ 

Name: Diener's 'Affect Balance'

C-RA/h/sq/v/2/a

Selfreport on single question.:

Up to now, have you been able to satisfy most of your ambitions in life or have you had to settle for less than you had hoped for .....?

- 2 able to satisfy ambitions
- 1 settled for less

M-CO/\*/mq/v/3/a

Selfreport on 3 questions:

A

How often do you find yourself feeling disappointed about the ways things have turned out for you?

1 often

2 sometimes

3 hardly ever

B

All in all, how much happiness would you say you find in your life today?

1 almost none

2 some

3 a good deal

C

On the whole, how satisfied would you say you are with your life today?

1 not very satisfied

2 fairly satisfied

3 very satisfied

Summation: A+B+C/3

O-HL/c/sq/v/3/aa

Selfreport on single question:

Taken all together, how would you say things are these days? Would you say that you are....?

3 very happy

2 pretty happy

1 not too happy

O-HL/u/sq/v/4/aa

Selfreport on single question:

Overall, would you say you are.....?

4 very happy

3 pretty happy

2 not too happy

1 not at all happy.

O-HP/u/sq/v/5/a

Selfreport on single question

To what extend do you consider yourself a happy person....?

5 very happy

4 happy

3 neither happy nor unhappy

2 not very happy

1 unhappy

O-SL?/?/sq/f/7/a

Selfreport on single question:

".....satisfaction with life....."

(full question not reported)

Responses scored pictorial faces scale consisting on several smilies, expressing variations from very unhappy to very happy.

(Pictures not presented here)

1 unhappy face

2

3

4 neutral face

5

6

7 happy face

(Pictures not presented here)

Name: Kunin's 'Faces Scale'

O-SLu/c/sq/v/3/b

Selfreport on single question:

"In general, how satisfying do you find your life these days? Would you call it....?."  
3 completely satisfying  
2 pretty satisfying  
1 not satisfying

O-SLu/u/sq/v/4/a

Selfreport on single question:

Overall, how satisfied are you with your life.....?  
4 very satisfied  
3 satisfied  
2 dissatisfied  
1 very dissatisfied.

O-Sum/u/mq/\*/0/a

Selfreport on 3 questions:

A. " Dissatisfied" and "Unhappy" responses on the Block (1961) Adjective Rating List.

B. Overall happiness. Single direct question: "Taking all things together, how would you say things are these days? Would you say you are .....?"

3 very happy  
2 pretty happy  
1 not too happy

C. Present-year score on Life-Evaluation Chart, ranging from:

1 low  
2  
3  
4  
5  
6  
7  
8  
9 high

## Appendix 2: Statistics used

Symbol	Explanation
Beta	<p>(<math>\beta</math>) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS)</p> <p>Type: test statistic.</p> <p>Measurement level: Correlates: all metric, Happiness: metric.</p> <p>Range: [-1 ; +1]</p> <p><b>Meaning:</b>  <math>\beta &gt; 0</math> « a higher correlate level corresponds with, on an average, higher happiness rating.  <math>\beta &lt; 0</math> « a higher correlate level corresponds with, on an average, lower happiness rating.  <math>\beta = 0</math> « no correlation.  <math>\beta = +1</math> or <math>-1</math> « perfect correlation.</p> <p><b>Remark:</b>  Mean of observations is subtracted from all observations if standardized.</p>
D%	<p>DIFFERENCE in PERCENTAGES</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well.</p> <p>Happiness level: dichotomous</p> <p>Range: [-100; +100]</p> <p>Meaning: the difference of the percentages happy people at two correlate levels.</p>
DM	<p>DIFFERENCE of MEANS</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: dichotomous, Happiness: metric</p> <p>Range: depending on the happiness rating scale of the author; range symmetric about zero.</p> <p>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.</p>
DMa	<p>DIFFERENCE IN ADJUSTED MEANS, See also Ma</p> <p>Computed in Analysis of Covariance (ANCOVA) or in multiple classification analysis (MCA)</p> <p>Seldom used in happiness research. See excerpted report for further reference.</p>
$E^2$	<p>CORRELATION RATIO (Elsewhere sometimes called <math>h^2</math> or ETA)</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: nominal or ordinal, Happiness: metric</p> <p>Range: [0; 1]</p> <p>Meaning: correlate is accountable for <math>E^2 \times 100</math> % of the variation in happiness.  <math>E^2 = 0</math> « knowledge of the correlate value does not improve the prediction quality of the happiness rating.  <math>E^2 = 1</math> « knowledge of the correlate value enables an exact prediction of the happiness rating</p>
G	<p>GOODMAN &amp; Kruskal's GAMMA</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: ordinal, Happiness: ordinal</p> <p>Range: [-1; +1]</p> <p><b>Meaning:</b>  <math>G = 0</math> « no rank correlation  <math>G = +1</math> « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.  <math>G = -1</math> « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.</p>

r

PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient')  
 Type: test statistic.  
 Measurement level: Correlate: metric, Happiness: metric  
 Range: [-1; +1]

Meaning:  
 $r = 0$  « no correlation ,  
 $r = 1$  « perfect correlation, where high correlate values correspond with high happiness values, and  
 $r = -1$  « perfect correlation, where high correlate values correspond with low happiness values.

rpc

PARTIAL CORRELATION COEFFICIENT

Type: test statistic  
 Measurement level: Correlate: metric, Happiness: metric  
 Range: [-1; +1]

Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores.

Under that conditions

rpc > 0 « a higher correlate level corresponds with a higher happiness rating,  
 rpc < 0 « a higher correlate level corresponds with a lower happiness rating,

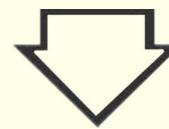
## Appendix 3: About the World Database of Happiness

### Structure of the collections

The World Database of Happiness is an ongoing register of scientific research on the subjective enjoyment of life.  
 It brings together findings that are scattered throughout many studies and provides a basis for synthetic work.

World literature on Happiness

Selection on subject



Bibliography and Directory

Selection of empirical studies



Selection on valid measurement: Item Bank

Abstracting and classification of findings



How happy people are, distributional findings  
Happiness in Nations , Happiness in Publics



What goes together with happiness  
Correlational Findings



Listing of comparable findings in Nations



States of Nations , Trends in Nations

Size of the collections

1226 Happiness measures (Item Bank)

4258 Nations surveys in 206 Nations

149 Distinguished publics in 1199 studies  
 12032 Correlational findings in 1196 studies

## Appendix 4 Further Findings in the World Database of Happiness

<i>Main Subjects</i>	<i>Subject Description</i>	<i>Number of Studies</i>
A1	ACTIVITY: LEVEL (how much one does)	58
A2	ACTIVITY: PATTERN (what one does)	32
A3	AFFECTIVE LIFE	48
A4	AGE	400
A5	AGGRESSION	12
A6	ANOMY	32
A7	APPEARANCE (good looks)	15
A8	ATTITUDES	6
A9	AUTHORITARIANISM	4
B1	BIRTH CONTROL	1
B2	BIRTH HISTORY (own birth)	201
B3	BODY	77
C1	CHILDREN	1
C2	CHILDREN: WANT FOR (Parental aspirations)	6
C3	CHILDREN: HAVING (parental status)	195
C4	CHILDREN: CHARACTERISTICS OF ONE'S CHILDREN	25
C5	CHILDREN: RELATION WITH ONE'S CHILDREN	8
C6	CHILDREN: REARING OF ONE'S CHILDREN (parental behavior)	26
C7	COMMUNAL LIVING	9
C8	CONCERNs	18
C9	COPING	43
C10	CREATIVENESS	6
C11	CULTURE (Arts and Sciences)	8
D1	DAILY JOYS & HASSLES	5
E1	EDUCATION	302
E2	EMPLOYMENT	363
E3	ETHNICITY	98
E4	EXPRESSIVE BEHAVIOR	12
F1	FAMILY OF ORIGIN (earlier family for adults, current for young)	236
F2	FAMILY OF PROCREATION	58
F3	FAMILY OF RELATIVES	157
F4	FARMING	25
F5	FREEDOM	32
F6	FRIENDSHIP	152
G1	GENDER	370
G2	GRIEF	1
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS: VIEWS ON HAPPINESS	49
H4	HAPPINESS: DISPERSION OF HAPPINESS	10
H5	HAPPINESS: CAREER	191

H6	HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES	310
H7	HAPPINESS OF OTHERS	0
H8	HAPPINESS: REPUTATION OF HAPPINESS	19
H9	HEALTH-BEHAVIOR	25
H10	HELPING	5
H11	HOPE	8
H12	HOUSEHOLD: COMPOSITION	137
H13	HOUSEHOLD: WORK	32
H14	HOUSING	106
I1	INCOME	552
I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	71
I4	INTERESTS	8
I5	INTERVIEW	73
I6	INTIMACY	103
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	206
L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	86
L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	22
L10	LOCAL ENVIRONMENT	374
L11	LOTTERY	8
L12	LOVE-LIFE	31
M1	MARRIAGE: MARITAL STATUS CAREER	64
M2	MARRIAGE: CURRENT MARITAL STATUS	543
M3	MARRIAGE: RELATIONSHIP	115
M4	MARRIAGE: PARTNER	46
M5	MEANING	23
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	218
M8	MIGRATION: TO OTHER COUNTRY	29
M9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
N1	NATION: NATIONALITY	29
N2	NATION: ERA (temporal period)	41
N3	NATION: NATIONAL CHARACTER (modal personality)	29
N4	NATION: CONDITION IN ONE'S NATION	430
N5	NATION: POSITION OF ONE'S NATION	1
N6	NATION: ATTITUDES TO ONE'S NATION	152
N7	NATION: LIVABILITY OF ONE'S NATION	17

N8	NATION i: ATTITUDES IN	1
N9	REGION IN NATION	59
N10	NUTRITION	23
N21	ERA	0
O1	OCCUPATION	178
O2	ORGAN TRANSPLANTATION	17
P1	PERSONALITY: HISTORY	48
P2	PERSONALITY: CHANGE	10
P3	PERSONALITY: CURRENT ORGANIZATION	7
P4	PERSONALITY: CURRENT TRAITS	462
P5	PERSONALITY: LATER	23
P6	PHYSICAL HEALTH	427
P7	PLANNING	11
P8	POLITICAL BEHAVIOUR	231
P9	POPULARITY	26
P10	POSSESSIONS	60
P11	PRISON	1
P12	PROBLEMS	25
P13	PSYCHO-SOMATIC COMPLAINTS	62
P14	PETS	3
R1	RELIGION	251
R2	RESOURCES	9
R3	RETIREMENT	89
R4	ROLES	23
S1	SCHOOL	129
S2	SELF-IMAGE	237
S3	SEX-LIFE	61
S4	SLEEP	16
S5	SOCIAL MOBILITY	17
S6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	69
S7	SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS	131
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	34
S9	SOCIO-ECONOMIC STATUS	154
S10	SOCIAL SUPPORT: RECEIVED	62
S11	SOCIAL SUPPORT: PROVIDED	6
S12	SPORTS	38
S13	STIMULANTS	49
S14	SUICIDE	8
S15	SUMMED DETERMINANTS	92
T1	TIME	53
T2	THERAPY	38
T3	TOLERANCE	37
V1	VALUES: CAREER	8
V2	VALUES: CURRENT PREFERENCES (own)	73
V3	VALUES: CLIMATE (current values in environment)	7
V4	VALUES: SIMILARITY (current fit with others)	12
V5	VICTIM	14
W1	WAR	5

W2	WISDOM	2
W3	WORK: CAREER	2
W4	WORK: CONDITIONS	68
W5	WORK: ATTITUDES	347
W6	WORK: PERFORMANCE (current)	29
W7	WORRIES	31
XX	UNCLASSIFIED	25

## Appendix 5: Related Subjects

<i>Subject</i>		<i>Related Subject(s)</i>
R4.1.1	Earlier roles	L8      LIFE HISTORY
R4.1.2	Change in roles	L6      LIFE EVENTS
R4.1.2.1	. role loss	C3.1.2.3    . leaving home of children (empty nest)
R4.1.2.1	. role loss	R3      RETIREMENT
R4.1.2.2	. new roles	C3.1.2.2    . birth of children
R4.2.1	Current number of roles	A1      ACTIVITY: LEVEL (how much one does)
R4.2.3.2	. family roles	C1.2      Grand-children
R4.2.3.2	. family roles	C3      CHILDREN: HAVING (parental status)
R4.2.3.2	. family roles	M2      MARRIAGE: CURRENT MARITAL STATUS
R4.2.3.2	. family roles	G1.2      Gender roles
R4.2.3.3	. work roles	E2      EMPLOYMENT
R4.2.3.3	. work roles	O1      OCCUPATION
R4.3	Attitudes to own roles	R4.2.2.2    . role conflict
R4.3	Attitudes to own roles	R4.2.2.3    . role stress

A report of the World Database of Happiness, Correlational Findings