

# World Database of Happiness



## Correlational Findings on Happiness and VALUES e: SIMILARITY (current fit with others) Subject Code: V4

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### Classification of Findings

| <i>Subject Code</i> | <i>Description</i>                                  | <i>Nr of Studies<br/>on this Subject</i> |
|---------------------|---|--|
| V4                  | VALUES e: SIMILARITY (current fit with others)      | 0  |
| V4.1                | Conventionality of own values                       | 1  |
| V4.2                | Similarity of own values with others                | 8  |
| V4.3                | Social acceptance of own values                     | 2  |
| V4.4                | Attitudes to value-consonance/dissonance            | 0  |
| V4.4.1              | Attitude to dominant value-pattern                  | 0  |
| V4.4.2              | Attitude to dissimilarity in values                 | 1  |
| 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 VALUES e: SIMILARITY  
 (current fit with others)  
 World Database of Happiness, Correlational Findings  
 Internet: [worlddatabaseofhappiness.eur.nl](http://worlddatabaseofhappiness.eur.nl)  
 Erasmus University Rotterdam, 2009, Netherlands

## Study **BACHM 1977**

*Reported in:* Bachman, J. G.; O'Malley, P. M.; Johnston, J.  
Youth in Transition, Vol. VI: Adolescence to Adulthood, Change and Stability in the Lives of Young Men.  
Institute for Social Research, 1970, University of Michigan, Ann Arbor, USA  
Page in Report:

*Population:* Public highschool boys followed 8 years from grade 10, USA, 1966-74

*Sample:*

*Non-Response:* 2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* 1628

## Measured Correlate

*Class:* Conventionalty of own values, Code V4.1

*Measurement:* Composite measure at T1, T2, T3 and T4 designed to tap values that are highly approved in the United States, consisting of six indexes: honesty (7 items), kindness (4 items), reciprocity (7 items), self-control (5 items), social responsibility (4 items), social skills (6 items).  
Scale: 1.00 = low approval to 6.00 = high approval of social values

## Observed Relation with Happiness

*Measured Happiness*

*Statistics Elaboration/Remarks*

O-HP/g/mq/v/5/a

tau=+  
p<.001

Acceptance of social values

| Happiness | T1         | T2   | T3   | T4   |
|-----------|------------|------|------|------|
| T1        | tau = +.28 | +.22 | +.19 | +.15 |
| T2        | tau = +.20 | +.34 | +.21 | +.25 |
| T3        | tau = +.18 | +.26 | +.33 | +.25 |
| T4        | tau = +.14 | +.21 | +.24 | +.34 |

All tau's significant (.001)

T1:1966, T2:1968, T3:1969, T4:1970

## Study **BACHM 1970**

*Reported in:* Bachman, J.G.; Kahn, R.L.; Mednick, M.; Davidson, T.N.  
Youth in Transition. Vol.II: The Impact of Family Background on Intelligence in 10th-Grade Boy.  
Institute for Social Research, 1970, University of Michigan, Ann Arbor, USA  
Page in Report: 243

*Population:* Public highschool boys followed 3 years from grade 10, USA, 1966-69

*Sample:*

*Non-Response:* 2.8% incomplete information in 1966

*N:* 1799

## Measured Correlate

*Class:* Similarity of own values with others, Code V4.2

*Measurement:* 33-item index of closed questions on honesty (7 items), kindness (4 items), reciprocity (7 items), self-control (5 items), social responsibility (4 items), and social skills (6 items).

## Observed Relation with Happiness

| <i>Measured Happiness</i> | <i>Statistics</i> | <i>Elaboration/Remarks</i> |
|---------------------------|-------------------|----------------------------|
|---------------------------|-------------------|----------------------------|

|                                 |                                   |  |
|---------------------------------|-----------------------------------|--|
| <a href="#">O-HP/g/mq/v/5/a</a> | <u>r=+.26</u><br><u>p&lt;.001</u> |  |
|---------------------------------|-----------------------------------|--|

**Study**                      **BRIM 1974**

*Reported in:* Brim, J.A.  
 Social Network Correlates of Avowed Happiness.  
 Journal of Nervous and Mental Disease, 1974, Vol. 158, 432 - 439 ISSN: 0022 3018  
 Page in Report: 437

*Population:* Females Feminists and controls. Seattle, USA, 197?

*Sample:*

*Non-Response:*

*N:* 153

**Measured Correlate**

*Class:* Similarity of own values with others, Code V4.2

*Measurement:* 3-item index of closed questions on whether the respondent feels that:        1. His/her ideals most nearly approach her ideals of 'the right way'.        2. Feels she has a great many interests        in common with him/her.        3. Generally shares the same        philosophy of life with him/her.  
 The questions were answered separately for all adult one sees at least once a month and who one considers as important persons in ones life.

**Observed Relation with Happiness**

*Measured  
 Happiness*

*Statistics    Elaboration/Remarks*

O-HL/c/sq/n/9/a

r=+

All network members.

Married females        : r = +.34 (002)

Unmarried females : r = -.19 (ns)

O-HL/c/sq/n/9/a

r=+.42  
p<.002

Husband only (computed for married females only).

## Study **VANEE 2005**

*Reported in:* VanEe, M. ;VanDijk, J.  
The Influence on Happiness: A Research on Happiness among Students in Utrecht and St. Louis.  
Thesis, University of Utrecht, 2005, Netherlands  
Page in Report: 72-77

*Population:* University students, USA and The Netherlands, 2004

*Sample:* Non-probability accidental sample

*Non-Response:*

*N:* 361

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## Measured Correlate

*Class:* Similarity of own values with others, Code V4.2

*Measurement:* Please circle in the second column the extent the people you know to agree with the statements:

Concerning an education for the people I know it's important:

A To have brilliant professors

B That teachers be especially friendly

C To do good academic work at the university

D That a student who scores high grades not be more appreciated than the average student

E To be the best student in class

F That the choice of major does not depend on gender

G To get better marks than my best friend in school

H That bad results are not a disaster

I That male students are allowed to cry

J To see the highest performing students as a model

K To solve conflicts by means of discussion

Rating: 1= strongly disagree ....5= strongly agree

individual score minus score people I know

Summation: Average

*Measured Values:* M= .14, SD= .49

*Remarks:* scores of educational values the student thinks the people in his/her surrounding will respond minus his/her own scores on this value

## Observed Relation with Happiness

| <i>Measured Happiness</i> | <i>Statistics</i>          | <i>Elaboration/Remarks</i>              |
|---------------------------|----------------------------|---|
| <u>O-SLW/c/sq/n/10/aa</u> | <u>r=+.03</u><br><u>ns</u> | St.Louis r=+.06 ns<br>Utrecht r=-.05 ns |
| <u>O-HL/u/sq/v/4/a</u>    | <u>r=-.02 ns</u>           | St.Louis r=+.02 ns<br>Utrecht r=-.08 ns |
| <u>A-BB/cm/mq/v/2/a</u>   | <u>r=-.01 ns</u>           | St.Louis r=+.03 ns<br>Utrecht r=-.07 ns |

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## Study **VANEE 2005**

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The Influence on Happiness: A Research on Happiness among Students in Utrecht and St. Louis.  
Thesis, University of Utrecht, 2005, Netherlands  
Page in Report: 72-77

*Population:* University students, USA and The Netherlands, 2004

*Sample:* Non-probability accidental sample

*Non-Response:*

*N:* 361

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## Measured Correlate

*Class:* Similarity of own values with others, Code V4.2

*Measurement:* Please circle in the first column, next to the statement, the extent to which you expect the people you know to agree with the statements:

Statements:

A Concerning work for me it's important

B To work with my colleagues harmoniously

C To be able to speak one's mind even if it might harm the relationship with ones colleagues

D To have guaranteed job security in present organisation

E To live to work

F To have a career with prestige

G To be thought ambitious by my colleagues

H To have a manager who uses his/her intuition

I To have an assertive manager

J To have a decisive manager

K That there is an affirmative action policy at my place of work

L That there is an achievement oriented atmosphere

M That the income is related to my performance within my work

N To work to live

O That the best performers get the highest positions in the organization

P That there is a competitive atmosphere

Q That everyone is equal and is treated in such a manner by

his/her co-workers

Rating: 1= strongly disagree ...5= strongly agree  
 individual score minus score people I know  
 Summation: Average

*Measured Values:* M= .04, SD= .414

*Remarks:* scores of work values the student thinks the people in his/her surrounding will respond minus his/her own scores on this value

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## Observed Relation with Happiness

| <i>Measured Happiness</i> | <i>Statistics</i> | <i>Elaboration/Remarks</i>                     |
|---------------------------|-------------------|--|
| <u>O-SLW/c/sq/n/10/aa</u> | <u>r=-.05 ns</u>  | St.Louis r= -.06 ns<br>Utrecht r= -.04 ns      |
| <u>O-HL/u/sq/v/4/a</u>    | <u>r=-.07 ns</u>  | St.Louis r= -.07 ns<br>Utrecht r= -.08 ns      |
| <u>A-BB/cm/mq/v/2/a</u>   | <u>r=-.08 ns</u>  | St.Louis r= -.16 (P<.05)<br>Utrecht r= -.01 ns |



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Thesis, University of Utrecht, 2005, Netherlands  
Page in Report: 72-77

*Population:* University students, USA and The Netherlands, 2004

*Sample:* Non-probability accidental sample

*Non-Response:*

*N:* 361

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## Measured Correlate

*Class:* Similarity of own values with others, Code V4.2

*Measurement:* Please circle in the first column, next to the statement, the extent to which you expect the people you know to agree with the statements:

Concerning a personal situation for me it's important:

- A To admire friends that perform extremely well in sports
- B To support friends who are feeling down
- C To own a big car
- D To help busy family members with their responsibilities
- E To be able to spend a lot of money
- F To yield a free bus seat to an elderly lady
- G To own luxurious products
- H To save the last cookie for someone else
- I That in a family men and women share the same tasks
- J That men be ambitious
- K That a father be more rational than emotional
- L That a man hit back when attacked
- M That men are discouraged from crying
- N That women are allowed to cry
- O That a woman does not hit back when she is attacked
- P That women especially concern themselves with human relations
- Q That conflicts are being solved by compromises

R That people approach each other in a friendly way  
 S That good friends have a high social status  
 T That people are able to enjoy events that are often taken for granted, like seeing the sunrise

Rating: 1 = strongly disagree ...5 = strongly agree  
 individual score minus score people I know  
 Summation: Average

*Measured Values:* M= .23, SD= .421

*Remarks:* scores of personal values the student thinks the people in his/her surrounding will respond minus his/her own scores on this value

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## Observed Relation with Happiness

| <i>Measured Happiness</i> | <i>Statistics</i>                     | <i>Elaboration/Remarks</i>                       |
|---------------------------|---------------------------------------|--|
| <u>O-SLW/c/sq/n/10/aa</u> | <u>r=-.16</u><br><u>p&lt;.&lt;.01</u> | St.Louis r= -.19 (P<.01)<br>Utrecht r= -.07 ns   |
| <u>O-HL/u/sq/v/4/a</u>    | <u>r=-.09</u><br><u>p&lt;.&lt;.05</u> | St.Louis r= -.13 (P<.05)<br>Utrecht r= -.00 ns   |
| <u>A-BB/cm/mq/v/2/a</u>   | <u>r=-.13</u><br><u>p&lt;.&lt;.01</u> | St.Louis r= - .19 (P<.01)<br>Utrecht r= + .00 ns |

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Thesis, University of Utrecht, 2005, Netherlands  
Page in Report: 72-77

*Population:* University students, USA and The Netherlands, 2004

*Sample:* Non-probability accidental sample

*Non-Response:*

*N:* 361

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## Measured Correlate

*Class:* Similarity of own values with others, Code V4.2

*Measurement:* Please circle in the first column, next to the statement, the extent to which you expect the people you know to agree with the statements:

Statements:

Concerning politics for me it's important;

A That poor people pay less taxes than rich people

B That a destitute person has access to social services to meet their need

C That the government spend generously on aid for foreign development

D To live in a welfare state

E That the government spend generously on pluralism

F That environmental issues and conservation has the highest priority

G That economic renewal has a high priority

H That in society, people appreciate diversity

I International conflicts are solved by an international authority

J That women are voted into office in the next election

K To live in a society where success and opportunities are based on achievement

L That international conflicts are being resolved by compromises and negotiations

Rating: 1= strongly disagree ....5= strongly agree  
individual score minus score people I know

Summation: Average

*Measured Values:* M= .13, SD= .452*Remarks:* scores of political values the student thinks the people in his/her surrounding will respond minus his/her own scores on this value

## Observed Relation with Happiness

| <i>Measured Happiness</i> | <i>Statistics</i>                | <i>Elaboration/Remarks</i>                      |
|---------------------------|----------------------------------|---|
| <u>O-SLW/c/sq/n/10/aa</u> | <u>r=-.08</u><br><u>p&lt;.10</u> | St.Louis r= -.10 (P< .10)<br>Utrecht r= -.02 ns |
| <u>O-HL/u/sq/v/4/a</u>    | <u>r=-.08</u><br><u>p&lt;.10</u> | St.Louis r= -.11 (P< .10)<br>Utrecht r= -.02 ns |
| <u>A-BB/cm/mq/v/2/a</u>   | <u>r=-.07 ns</u>                 | St.Louis r= -.08 ns<br>Utrecht r= -.05 ns       |

**Study** VANEE 2005

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The Influence on Happiness: A Research on Happiness among Students in Utrecht and St. Louis.  
Thesis, University of Utrecht, 2005, Netherlands  
Page in Report: 72-77

*Population:* University students, USA and The Netherlands, 2004

*Sample:* Non-probability accidental sample

*Non-Response:*

*N:* 361

**Measured Correlate**

*Class:* Similarity of own values with others, Code V4.2

*Measurement:* all values together:  
difference between total values of the people I know and me  
on educational values + political values + workvalues +  
personal values

*Measured Values:* M= .14, SD= .339

*Remarks:* scores of total values the student thinks the people in  
his/her surrounding will respond minus his/her own scores  
on this value

**Observed Relation with Happiness**

| <i>Measured Happiness</i>            | <i>Statistics</i>                | <i>Elaboration/Remarks</i>                |
|--------------------------------------|----------------------------------|---|
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=-.08</u><br><u>p&lt;.10</u> | St.Louis r= -.09 ns<br>Utrecht r= -.06 ns |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=-.08</u><br><u>p&lt;.10</u> | St.Louis r= -.09 ns<br>Utrecht r= -.06 ns |

|                         |                 |          |         |          |
|-------------------------|-----------------|----------|---------|----------|
| <u>A-BB/cm/mq/v/2/a</u> | <u>r=-.09</u>   | St.Louis | r= -.12 | (P<0.10) |
|                         | <u>p&lt;.05</u> | Utrecht  | r= -.05 | ns       |

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Thesis, University of Utrecht, 2005, Netherlands  
Page in Report: 72-77

*Population:* University students, USA and The Netherlands, 2004

*Sample:* Non-probability accidental sample

*Non-Response:*

*N:* 361

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## Measured Correlate

*Class:* Similarity of own values with others, Code V4.2

*Measurement:* Please circle in the first column, next to the statement, the extent to which you agree with the statements:

Concerning work for me it's important

A To work with my colleagues harmoniously

B To be able to speak one's mind even if it might harm the relationship with

ones colleagues

C To have guaranteed job security in present organisation

D To live to work

E To have a career with prestige

F To be thought ambitious by my colleagues

G To have a manager who uses his/her intuition

H To have an assertive manager

I To have a decisive manager

J That there is an affirmative action policy at my place of work

K That there is an achievement oriented atmosphere

L That the income is related to my performance within my work

M To work to live

N That the best performers get the highest positions in the organization

O That there is a competitive atmosphere

P That everyone is equal and is treated in such a manner by his/her co-workers

Rating: 1 strongly disagree ...5= strongly agree

Summation: Average

*Measured Values:* M= 3.03, SD = .33 St. Louis M= 3.13, SD = .303 Utrecht M = 2.93,SD = .329

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## Observed Relation with Happiness

| <i>Measured Happiness</i> | <i>Statistics</i> | <i>Elaboration/Remarks</i>             |
|---------------------------|-------------------|--|
| <u>O-SLW/c/sq/n/10/aa</u> | <u>r=-.02 ns</u>  | St.Louis r=-.01 ns<br>Utrecht r=.04 ns |
| <u>O-HL/u/sq/v/4/a</u>    | <u>r=.03 ns</u>   | St.Louis r=.08 ns<br>Utrecht r=.10 ns  |
| <u>A-BB/cm/mq/v/2/a</u>   | <u>r=-.07 ns</u>  | St.Louis r=.00 ns<br>Utrecht r=.01 ns  |



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## Study **ROSEN 1962**

*Reported in:* Rosenberg, M.  
The Dissonant Religious Context and Emotional Disturbance.  
The American Journal of Sociology, 1962, Vol. 68, 1-10. ISSN 0002 9602  
Page in Report:

*Population:* High school pupils, New York, USA, 1960

*Sample:*

*Non-Response:* 1% because of inadequate answers

*N:* 1618

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## Measured Correlate

*Class:* Social acceptance of own values, Code V4.3

*Measurement:* 0 Mixed/Consonant  
1 Dissonant neighbourhood

The neighbourhood were one lived (longest) when one grew up was rated as either "dissonant" or "consonant" on the basis of a direct open question on the religious affiliation of most of the people in that neighbourhood (more than 50% different from ones own religion rated "dissonant", less than 50% "mixed" or "consonant").

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## Observed Relation with Happiness

| <i>Measured Happiness</i> | <i>Statistics</i> | <i>Elaboration/Remarks</i> |
|---------------------------|-------------------|----------------------------|
|---------------------------|-------------------|----------------------------|

M-AO/g/mq/v/5/a

G=-.24  
p<.01

Stronger among Protestants and Jews than among Catholics (G' respectively -.40, -.36, -.07).

Lower when controlled for recall of prejudice experience.

Variable with cultural similarity:

- Catholics who grew up in Protestant area happier than those who grew up in Jewish area,
- Protestants who grew up in Catholic area happier than those who grew up in Jewish area,
- Jews who grew up in Protestant area happier than those who grew up in Catholic area.

M-AO/g/mq/v/5/a

tb=-.08

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**Study**                    **HALMA 1987/1**

*Reported in:* Halman, L.;Heunks, F.;DeMoor, R.; Zanders, H.  
 Traditie, Secularisatie en Individualisering. (Tradition, Secularization and  
 Individualisation: A Study into the Values of the Dutch within a European Context..  
 Tilburg University Press, 1987, Tilburg, Netherlands. ISBN 90 361 9841 0  
 Page in Report: 208

*Population:* 18+ aged, general public, EU nations, 1981

*Sample:*

*Non-Response:*

*N:* 12464

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**Measured Correlate**

*Class:* Attitude to dissimilarity in values, Code V4.4.2

*Measurement:* Direct question, rated on a 4 point scale: "Do you feel  
 embarrassed to be with people with other ideas, an other  
 religion or other opinions than yourself? Do you think  
 that's..."  
 1 Very embarrassing  
 .  
 .  
 4 Not embarrassing at all

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**Observed Relation with Happiness**

| <i>Measured<br/>Happiness</i>        | <i>Statistics</i>                | <i>Elaboration/Remarks</i> |
|--------------------------------------|----------------------------------|----------------------------|
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.09</u><br><u>p&lt;.01</u> | France                     |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.06</u><br><u>p&lt;.05</u> | France                     |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.10</u><br><u>p&lt;.01</u> | Great-Britain              |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.07</u><br><u>p&lt;.05</u> | Great-Britain              |

|                                      |                                  |                  |
|--------------------------------------|----------------------------------|------------------|
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.22</u><br><u>p&lt;.01</u> | West Germany     |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.18</u><br><u>p&lt;.01</u> | West Germany     |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.09</u><br><u>p&lt;.01</u> | Italy            |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.11</u><br><u>p&lt;.01</u> | Italy            |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.05</u>                    | Netherlands      |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.09</u>                    | Netherlands      |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.02</u><br><u>ns</u>       | Denmark          |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.01</u><br><u>ns</u>       | Denmark          |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.10</u><br><u>p&lt;.01</u> | Belgium          |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.07</u><br><u>p&lt;.05</u> | Belgium          |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.12</u><br><u>p&lt;.01</u> | Spain            |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.12</u><br><u>p&lt;.01</u> | Spain            |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.12</u><br><u>p&lt;.01</u> | Ireland          |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.09</u><br><u>p&lt;.01</u> | Ireland          |
| <u>O-HL/u/sq/v/4/a</u>               | <u>r=+.11</u><br><u>p&lt;.05</u> | Northern Ireland |
| <u>O-SLW/c/sq/n/10/</u><br><u>aa</u> | <u>r=+.13</u><br><u>p&lt;.01</u> | Northern Ireland |

O-SLW/c/sq/n/10/    r=+.14    EC  
aa

O-HL/u/sq/v/4/a    r=+.15    EC

O-HL/u/sq/v/4/a    DMt=+    EC (stratified sample)  
Very embarrassing    Mt '= 6.11  
.    Mt '= 6.22  
.    Mt '= 6.78  
Not embarrassed at all    Mt '= 7.11

O-SLW/c/sq/n/10/    DMt=+    EC (stratified sample)  
aa  
Very embarrassing    Mt '= 5.78  
.    Mt '= 6.22  
.    Mt '= 6.67  
Not embarrassed at all    Mt '= 7.00

O-HL/u/sq/v/4/a    Beta= ns    In none of the European countries  $\beta$  weights of this variable reached .10 level in multiple regression analysis, when controlling for: life satisfaction(HAPP 2.1), affect(AFF 2.3); satisfaction with health,income and family life; age, income, education, marital status, having children, male sex, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future; loneliness, misanthropy, hopeless about life and sense of control.

O-SLW/c/sq/n/10/

Beta= ns

aa

In none of the European countries  $\beta$  weights of this variable reached .10 level in multiple regression analysis, when controlling for: happiness(HAPP 1.1), affect(AFF 2.3); satisfaction with health, income and family life; age, income, education, marital status, having children, male sex, work; urbanisation, type of dwelling, own home, religiousness, social participation; uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future; loneliness, misanthropy, hopeless about life and sense of control.

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**Study**                    **BRINK 1986A**

*Reported in:* Brinkerhoff, M.B.; Jacob, J.  
 Quality of Life in an Alternative Lifestyle: The Smallholding Movement.  
 Social Indicators Research, 1986, Vol. 18, 153 - 173 ISSN p 0303 8300; ISSN e 1573  
 0921 DOI:10.1007/BF00317546  
 Page in Report: 164

*Population:* 'Back to the land' mini-farmers, West USA and Canada, 198?

*Sample:* Non-probability purposive sample

*Non-Response:* 44 %

*N:* 510

---

**Measured Correlate**

*Class:* Social acceptance of own values, Code V4.3

*Measurement:* Self report:  
 'To what extent do you feel approval for your lifestyle  
 and ideals from the local community'

---

**Observed Relation with Happiness**

| <i>Measured<br/>Happiness</i>   | <i>Statistics</i>                 | <i>Elaboration/Remarks</i> |
|---------------------------------|-----------------------------------|----------------------------|
| <a href="#">O-HL/u/sq/v/4/a</a> | <u>r=+.17</u><br><u>p&lt;.001</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)

M-AO/g/mq/v/5/a

Selfreport on 6 questions:

A On the whole, how happy would you say you are?

B On the whole, I think I am a quite happy person.

C In general, how would you say you feel most of the time -in good or in low spirits?

D I get a lot of fun out of life.

E I wish I could be as happy as others seem to be.

F How often do you feel downcast and rejected?

Response options: not reported

The items of this scale were randomly distributed in the questionnaire.

Name: Rosen 'Depressive Affect Scale'



O-HL/c/sq/n/9/a

Selfreport on single question:

"Taken all things together, how would you say things are these days? Please put a circle around the appropriate number to indicate how happy you are these days.....?"

9 very happy

8

7

6

5 pretty happy

4

3

2

1 not too happy

(originally rated on a horizontal scale)

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

Selfreport on single question:

Taking all things together, would you say you are.....?

4 very happy

3 quite happy

2 not very happy

1 not at all happy.

O-HP/g/mq/v/5/a

Selfreport on 6 questions:

" Describe the kind of person you are. Please read each sentence, then mark how often it is true for you"

1 I feel like smiling

2 I generally feel in good spirits

3 I feel happy

4 I am very satisfied with life

5 I find a good deal of happiness in life

6 I feel sad

Response options:

5 almost always true

4 often true

3 sometimes true

2 seldom true

1 never true

Summation: average

Possible range: 1 to 5

O-SLW/c/sq/n/10/

Selfreport on single question:

aa

All things considered, how satisfied are you with your life as-a-whole now.....?

1 dissatisfied

2

3

4

5

6

7

8

9

10 satisfied

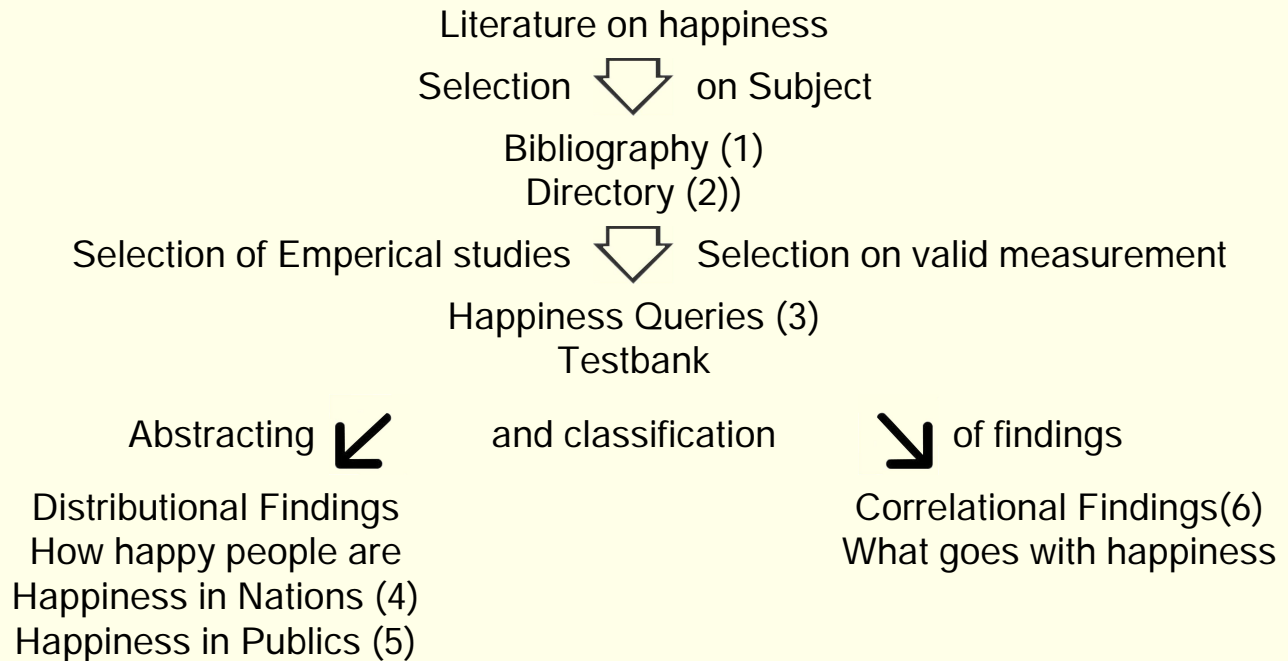
## Appendix 2: Statistics used

| <i>Symbol</i> | <i>Explanation</i>   |
|---------------|--|
| Beta          | <p>(<math>\beta</math>) STANDARDIZED REGRESSION COEFFICIENT<br/>           Type: test statistic.<br/>           Measurement level: Correlates: all metric, Happiness!: metric.<br/>           Range: [-1 ; +1]</p> <p>Meaning:<br/>           beta &gt; 0 « a higher correlate level corresponds with, on an average, higher happiness rating.<br/>           beta &lt; 0 « a higher correlate level corresponds with, on an average, lower happiness rating.<br/>           beta = 0 « no correlation.<br/>           beta = + 1 or -1 « perfect correlation.</p> |
| DMt           | <p>DIFFERENCE of MEANS AFTER TRANSFORMATION<br/>           Type: descriptive statistic only.<br/>           Measurement level: Correlate: dichotomous, Happiness: metric<br/>           Theoretical range: [-10; +10]</p> <p>Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.</p>   |
| G             | <p>GOODMAN &amp; KRUSKAL'S GAMMA<br/>           Type: test statistic<br/>           Measurement level: Correlate: ordinal, Happiness!: ordinal<br/>           Range: [-1; +1]</p> <p>Meaning:<br/>           G = 0 « no rank correlation<br/>           G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.<br/>           G = -1 « 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.
- tau** GOODMAN & Kruskal's TAU  
Type: descriptive statistic only.  
Measurement level: Correlate: nominal, Happiness: ordinal  
Range: [0; +1]
- Meaning:  
 $\tau = 0$  « knowledge of the correlate value does not improve the prediction quality of the happiness rating.  
 $\tau = 1$  « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.
- tb** KENDALL'S RANK CORRELATION COEFFICIENT TAU-B  
Type: test statistic  
Measurement level: Correlate: ordinal, Happiness: ordinal  
Range: [-1; +1]
- Meaning:  
 $t_b = 0$  « no rank correlation  
 $t_b = 1$  « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.  
 $t_b = -1$  « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

## Appendix 3: About the World Database of Happiness

The World Database of Happiness is an ongoing register of scientific research on subjective appreciation of life. It brings together findings that are scattered throughout many studies and provides a basis for synthetic analysis. The research literature is processed as follows:



- 1 **BIBLIOGRAPHY OF HAPPINESS** Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 4270 titles, mainly in English.
- 2 **DIRECTORY OF INVESTIGATORS** Names and addresses of most authors on the subject. Enumerates years of publication. Current contents: 5818 names and 3073 addresses. Part of Bibliography.
- 3 **CATALOG OF HAPPINESS ITEMS (testbank)**. Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Items are classified by focus, time reference, mode of observation, rating and wording.
- 4 **CATALOG OF HAPPINESS IN NATIONS** Presents distributional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 2605 surveys in 112 nations, 1946-2004.

- 5 CATALOG OF HAPPINESS IN PUBLICS Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 837 studies. Part of Catalog of Correlational Findings.
- 6 CATALOG OF CORRELATIONAL FINDINGS Presents abstracts of correlational research findings. Detailed subject-classification. Allows comparison through time and across nations. Current contents: 9098 findings from 837 studies in 140 nations, 1911-2004.
- 
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## 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                              | 47                       |
| A4                   | AGE   | 398                      |
| A5                   | AGGRESSION                                  | 12                       |
| A6                   | ANOMY                                       | 26                       |
| A7                   | APPEARANCE (good looks)                     | 15                       |
| A8                   | ATTITUDES                                   | 6                        |
| A9                   | AUTHORITARIANISM                            | 4                        |
| B1                   | BIRTH CONTROL                               | 1                        |
| B2                   | BIRTH HISTORY (own birth)                   | 201                      |
| B3                   | BODY  | 77                       |
| COMMUNITY            | New Top Subject                             | 0                        |
| C1                   | CHILDREN a                                  | 1                        |
| C2                   | CHILDREN b: WANT FOR (Parental aspirations) | 6                        |
| C3                   | CHILDREN c: HAVING (parental status)        | 194                      |
| C4                   | CHILDREN d: CHARACTERISTICS                 | 25                       |
| C5                   | CHILDREN e: RELATION WITH                   | 8                        |
| C6                   | CHILDREN f: REARING (parental behavior)     | 26                       |
| C7                   | COMMUNAL LIVING                             | 9                        |
| C8                   | CONCERNS                                    | 18                       |
| C9                   | COPING                                      | 43                       |
| C10                  | CREATIVENESS                                | 5                        |
| C11                  | CULTURE (Arts and Sciences)                 | 8                        |
| D1                   | DAILY JOYS & HASSLES                        | 5                        |

|        |   |     |
|--------|---|-----|
| E1     | EDUCATION   | 299 |
| E2     | EMPLOYMENT  | 364 |
| E3     | ETHNICITY   | 95  |
| 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  | 151 |
| G1     | GENDER  | 367 |
| G2     | GRIEF   | 1   |
| HEALTH | New Top Subject   | 0   |
| H1     | HABITS  | 1   |
| H2     | HANDICAP  | 25  |
| H3     | HAPPINESS b: ATTITUDES TO                                       | 49  |
| H4     | HAPPINESS c: DISPERSION OF                                      | 10  |
| H5     | HAPPINESS: CAREER   | 191 |
| H6     | HAPPINESS e: CURRENT LEVEL                                      | 310 |
| H7     | HAPPINESS f: OF OTHERS  | 0   |
| H8     | HAPPINESS g: REPUTATION OF                                      | 19  |
| H9     | HEALTH-BEHAVIOR   | 23  |
| H10    | HELPING   | 5   |
| H11    | HOPE  | 7   |
| H12    | HOUSEHOLD: COMPOSITION  | 136 |
| H13    | HOUSEHOLD: WORK   | 32  |
| H14    | HOUSING   | 104 |
| I1     | INCOME  | 551 |
| I2     | INSTITUTIONAL LIVING  | 43  |
| I3     | INTELLIGENCE  | 69  |
| I4     | INTERESTS   | 8   |
| I5     | INTERVIEW   | 72  |
| I6     | INTIMACY  | 102 |
| L1     | LANGUAGE  | 2   |
| L2     | LEADERSHIP  | 8   |
| L3     | LEISURE   | 205 |
| L4     | LIFE APPRAISALS: OTHER THAN HAPPINESS                           | 368 |
| L5     | LIFE CHANGE   | 35  |
| L6     | LIFE EVENTS   | 85  |

|        |   |     |
|--------|---|-----|
| L7     | LIFE GOALS  | 75  |
| L8     | LIFE HISTORY  | 2   |
| L9     | LIFE STYLE  | 20  |
| L10    | LOCAL ENVIRONMENT   | 372 |
| L11    | LOTTERY   | 8   |
| L12    | LOVE-LIFE   | 31  |
| M1     | MARRIAGE b: MARITAL STATUS CAREER                         | 65  |
| M2     | MARRIAGE c: Current Marital Status                        | 541 |
| M3     | MARRIAGE: RELATIONSHIP                                    | 115 |
| M4     | MARRIAGE e: PARTNER                                       | 46  |
| M5     | MEANING   | 22  |
| M6     | MEDICAL TREATMENT   | 81  |
| M7     | MENTAL HEALTH   | 198 |
| M8     | MIGRATION b: OTHER COUNTRY                                | 24  |
| M9     | MIGRATION c: MOVING WITHIN COUNTRY (residential mobility) | 17  |
| M10    | MIGRATION d: MIGRANT WORK                                 | 3   |
| M11    | MILITARY LIFE   | 7   |
| M12    | MODERNITY   | 6   |
| M13    | MOOD  | 246 |
| M14    | MOTIVATION  | 7   |
| NATURE | New Top Subject   | 0   |
| N1     | NATION: NATIONALITY                                       | 27  |
| N2     | NATION: ERA (temporal period)                             | 41  |
| N3     | NATION d: NATIONAL CHARACTER (modal personality)          | 28  |
| N4     | NATION e: CONDITION OF                                    | 406 |
| N5     | NATION f: POSITION OF                                     | 1   |
| N6     | NATION g: ATTITUDES TO                                    | 150 |
| N7     | NATION h: LIVABILITY OF                                   | 17  |
| N8     | NATION i: ATTITUDES IN                                    | 1   |
| N9     | REGION IN NATION  | 56  |
| N10    | NUTRITION   | 21  |
| N21    | ERA   | 0   |
| O1     | OCCUPATION  | 177 |
| O2     | ORGAN TRANSPLANTATION                                     | 17  |
| P1     | PERSONALITY b: HISTORY                                    | 48  |
| P2     | PERSONALITY c: CHANGE                                     | 10  |
| P3     | PERSONALITY d: CURRENT ORGANIZATION                       | 7   |
| P4     | PERSONALITY e: CURRENT TRAITS                             | 459 |
| P5     | PERSONALITY f: LATER                                      | 23  |



|            |   |     |
|------------|---|-----|
| P6         | PHYSICAL HEALTH   | 427 |
| P7         | PLANNING  | 10  |
| P8         | POLITICAL BEHAVIOUR                                     | 231 |
| P9         | POPULARITY  | 24  |
| P10        | POSSESSIONS   | 59  |
| P11        | PRISON  | 1   |
| P12        | PROBLEMS  | 25  |
| P13        | PSYCHO-SOMATIC COMPLAINTS                               | 62  |
| P14        | PETS  | 3   |
| RECREATION | New Top Subject   | 0   |
| R1         | RELIGION  | 251 |
| R2         | RESOURCES   | 7   |
| R3         | RETIREMENT  | 89  |
| R4         | ROLES   | 23  |
| S1         | SCHOOL  | 128 |
| S2         | SELF-IMAGE  | 236 |
| S3         | SEX-LIFE  | 60  |
| S4         | SLEEP   | 16  |
| S5         | SOCIAL MOBILITY   | 17  |
| S6         | SOCIAL PARTICIPATION a: PERSONAL CONTACTS               | 68  |
| S7         | SOCIAL PARTICIPATION b: VOLUNTARY ASSOCIATIONS          | 129 |
| S8         | SOCIAL PARTICIPATION c: TOTAL (personal + associations) | 33  |
| S9         | SOCIAL STATUS (Socio-Economic Status)                   | 154 |
| S10        | SOCIAL SUPPORT a: RECEIVED                              | 60  |
| S11        | SOCIAL SUPPORT b: PROVIDED                              | 6   |
| S12        | SPORTS  | 38  |
| S13        | STIMULANTS  | 49  |
| S14        | SUICIDE   | 8   |
| S15        | SUMMED EFFECTS ON HAPPINESS                             | 92  |
| T1         | TIME  | 51  |
| T2         | THERAPY   | 21  |
| T3         | TOLERANCE   | 37  |
| V1         | VALUES b: CAREER  | 8   |
| V2         | VALUES c: CURRENT PREFERENCES (own)                     | 73  |
| V3         | VALUES d: CLIMATE (current values in environment)       | 7   |
| V4         | VALUES e: SIMILARITY (current fit with others)          | 12  |
| V5         | VICTIM  | 14  |
| W1         | WAR   | 5   |
| W2         | WISDOM  | 2   |

|    |                               |     |
|----|-------------------------------|-----|
| W3 | WORK b: CAREER                | 2   |
| W4 | WORK c: CONDITIONS            | 68  |
| W5 | WORK d: ATTITUDES             | 347 |
| W6 | WORK e: PERFORMANCE (current) | 28  |
| W7 | WORRIES                       | 31  |
| XX | UNCLASSIFIED                  | 25  |

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## Appendix 5: Related Subjects

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| <i>Subject</i>                                    | <i>Related Subject(s)</i>                     |
|---|---|
| V4 VALUES e: SIMILARITY (current fit with others) | V1.1.3 Earlier value-similarity               |
| V4 VALUES e: SIMILARITY (current fit with others) | V1.2.3 Change in value-similarity             |
| V4 VALUES e: SIMILARITY (current fit with others) | V1.4.3 Later value-similarity                 |
| V4.3 Social acceptance of own values              | L7.6 Acceptance of one's life-goals by others |
| V4.4.1 Attitude to dominant value-pattern         | N6.3.4 Satisfaction with moral climate        |
| V4.4.2 Attitude to dissimilarity in values        | P4.113 Tolerant                               |

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A report of the World Database of Happiness, Correlational Findings