

World Database of Happiness



Correlational Findings on Happiness and FREEDOM Subject Code: F5

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Classification of Findings

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
F5	FREEDOM	1
F5.1	Freedom career	0
F5.1.1	Earlier freedom	0
F5.1.2	Change in freedom	3
F5.1.4	Later freedom	0
F5.2	Current ability to be free	0
F5.3	Current absence of restrictions (social freedom)	3
F5.3.1	Amount of restrictions perceived	10
F5.3.2	Specific restrictions (perceived and actual)	2
F5.4	Attitudes to freedom	1
F5.4.1	Concern about freedom	0
F5.4.2	Satisfaction with freedom	6
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Correlational finding on Happiness and FREEDOM

Subject code: F5

Study **BRUNI 2006***Reported in:* Bruni, L.; Stanca, L.

Watching alone: Relational Goods, Television and Happiness.

Journal of Economic Behavior and Organization. 2006, Vol. 6775, 506 - 528. ISSN 0167 2681 DOI: 10.1016/j.jebo.2005.12.005

Page in Report: 8

Population: Adults, 80 counties, 1990-2004*Sample:* Mixed samples*Non-Response:*

N: 259947

Correlate

Authors label: Freedom*Our classification:* FREEDOM, code F5*Measurement:* The degree of freedom of choice and control an individual has over his life, on a 1-10 scale (1= not at all, 10= a great deal)*Measured Values:* Range 1-10, M= 6.63 SD= 2.45

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-SLW/c/sq/n/10/a</u>	<u>B=+3.1</u> <u>p<.05</u>	<p>B (+3,12) controlled for:</p> <ul style="list-style-type: none"> - member of voluntary organization - active in voluntary organization - income - self rated health - unemployed - married - education - age - gender - religion perceived as important - trust in people - honesty (cheating on tax justifiable or not) - individual country dummies - time dummies for survey waves <p>B means 1 point extra freedom goes with 0.30 point greater happiness on scale 1-10 (3.12 on scale 10-100)</p>

Correlational finding on Happiness and Change in freedom

Subject code: F5.1.2

Study GRANE 1973A

Reported in: Graney, M.J.

The Affect Balance Scale and Old Age.

Paper presented at the Annual Meeting of the Midwest Sociological Society, 1973, Milwaukee, Wisconsin, USA

Page in Report: 7

Population: 62-89 aged females, followed 4 years USA, 1967-71

Sample:

Non-Response: 27%; 24% unattainable, 3% incomplete.

N: 44

Correlate

Authors label: Gains in social status over 4 years. (3)

Our classification: Change in freedom, code F5.1.2

Measurement: Comparison of T1 and T2.

A significant move to a fully independent household, marriage, and taking paying employment were defined as status gains. Institutionalization, the death of supportive family members and friends, and recent geographic dispersion of supportive children were defined as losses. Ss classified as having experienced: losses / no change / gains

Observed Relation with Happiness

Happiness Measure

Statistics

Elaboration/Remarks

A-BB/cm/mq/v/2/a

tb=+.13 ns

At T1 all Ss were in good health, able to care for themselves and lived alone.
Happiness assessed at T2.

% happy at T2:

- losses 22%
- no change 28%
- gains 40%

Correlational finding on Happiness and Change in freedom

Subject code: F5.1.2

Study **KAINU 1998**

Reported in: Kainulainen, S.
 Elämäntapahtumat ja Elämään Tyytyväisyys eri Sosiaaliluokissa. (Life Events and Satisfaction with Life in Different Social Classes; Summary).
 Kuopio University Publications, 1998, Finland Kuopio University Publications, 1998, Finland. ISBN 951 781 821 1 ISBN 951-781-821-1
 Page in Report: 261

Population: 18+ aged, general public, non-institutionalized, former province Kuopio, Finland, 1991-'96.

Sample: Probability sample (unspecified)

Non-Response: not rep

N: 2682

Correlate

Authors label: Becoming dependent upon others (1)

Our classification: Change in freedom, code F5.1.2

Measurement: Have you experienced becoming dependent upon others
 (a) during the last year ?
 (b) ever in your life ?
 Answers: No(=0) or Yes(=1).

Measured Values: Never: N = 2153 Ever in your life: N = 275

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-SLu/c/sq/v/5/g	<u>r=-.08</u>	during the last year
O-SLu/c/sq/v/5/g	<u>r=-.12</u>	ever in your life
O-SLu/c/sq/v/5/g	<u>DM=-</u>	never: M = 3.90 ever in your life: M = 3.58 95% CI for difference: [0.20 ; 0.44]

Correlational finding on Happiness and Change in freedom
 Subject code: F5.1.2

Study **LANGE 1976**

Reported in: Langer, E.J.; Rodin, J.
 The Effects of Choice and Enhanced Personal Responsibility for the Aged: A Field Experiment in an Institutional Setting.
 Journal of Personality and Social Psychology, 1976, Vol. 34, 191 - 198. ISSN 0022 3514
 Page in Report: 196

Population: Nursing home residents, Hamden, Connecticut, USA, 1973

Sample:

Non-Response: 51%

N: 45

Correlate

Authors label: Boosting of responsibility and choice (1)

Our classification: Change in freedom, code F5.1.2

Measurement: In nursing home two floors selected because of similarity in residents' characteristics. A different floor was randomly selected for each treatment. The nursing home administrator called a meeting in the lounge of each floor where she delivered two communications. 0 Comparison group: 2nd floor, the administrator stressed staff responsibility
 1 Experimental group: 4th floor, the administrator emphasized respondents responsibility for themselves

Happiness was assessed 1 week prior to the communication (T1) and 3 weeks after (T2).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>												
<u>O-HL/g/sq/n/8/a</u>	<u>DMt=+</u> <u>p<.05</u>	Mean happiness (Mt) pre and post treatment. <table border="1"> <thead> <tr> <th></th> <th>T1</th> <th>T2</th> <th>CHANGE</th> </tr> </thead> <tbody> <tr> <td>-Experiment</td> <td>6.31</td> <td>6.65</td> <td>+ 0.34</td> </tr> <tr> <td>-Comparison group</td> <td>5.99</td> <td>5.84</td> <td>- 0.15</td> </tr> </tbody> </table> <p>The difference in change was significant at .05 level.</p>		T1	T2	CHANGE	-Experiment	6.31	6.65	+ 0.34	-Comparison group	5.99	5.84	- 0.15
	T1	T2	CHANGE											
-Experiment	6.31	6.65	+ 0.34											
-Comparison group	5.99	5.84	- 0.15											

Correlational finding on Happiness and Current absence of restrictions (social freedom)
 Subject code: F5.3

Study MATIK 2002

Reported in: Matikka, L.M; Ojanen, M.
Happiness in Persons with Intellectual Disabilities.
Working paper of FAMR Research Unit, 2002, Helsinki, Finland
Page in Report: 17

Population: 18-77 aged intellectually disabled, Finland, 2002

Sample: Non-probability purposive sample

Non-Response: 15%

N: 376

Correlate

Authors label: Personal Control (1)

Our classification: Current absence of restrictions (social freedom), code F5.3

Measurement: Self report on 9 questions concerning choices in their everyday setting

- Did you choose where to live (in which institution, group home or apartment)
- Do you have a key to your own apartment or to your own room?
- Can you take a snack whenever you want?
- Do you cook at least once a week?
- Do you have your own bank account where you can draw money?
- Do you have any domestic chores that you are responsible for?
- Can you ask your friends to visit whenever you want to?
- Does anybody read your mail without your permission?
- Did someone else choose your furniture or carpets?

reponse option: 'yes', 'no', 'don't know'

Measured Values: M=74.22, SD=(20.68)

Error Estimates: Alpha=+.62

Remarks: The theoretical range of the scale is 0-100

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-HL/u/sq/v/2/a</u>	<u>T=-3.5</u> <u>p<.01</u>	Mean control score Happy = 75.76 (SD=19.38) Not happy = 65.45 (SD=25.42)

Correlational finding on Happiness and Current absence of restrictions (social freedom)

Subject code: F5.3

Study **MATIK 2002**

Reported in: Matikka, L.M; Ojanen, M.
Happiness in Persons with Intellectual Disabilities.
Working paper of FAMR Research Unit, 2002, Helsinki, Finland
Page in Report: 17

Population: 18-77 aged intellectually disabled, Finland, 2002

Sample: Non-probability purposive sample

Non-Response: 15%

N: 376

Correlate

Authors label: Personal Control (2)

Our classification: Current absence of restrictions (social freedom), code F5.3

Measurement: Report of proxy, usually a staff member who knew the subject well, on 6 questions

- Does the person have his/her own room?
- Can the person invite his/her family and friends over, even for the night?
- Does the person move freely around the area close to his/her home?
- Has the person been able to choose furniture or fabrics in the home him/herself?
- Does the person have a key to his/her own home or room?
- Can the person decide who he/she lives with?

reponse option: 'yes', 'no', 'don't know'

Measured Values: M= 80.54, SD=23.47

Error Estimates: Alpha=+.68

Remarks: The theoretical range of the scale is 0-100

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-HL/u/sq/v/2/a</u>	<u>T=-1.5 ns</u>	Mean control: Happy = 81.26 (SD=23.16) Not happy = 75.58 (SD=25.23)

Correlational finding on Happiness and Current absence of restrictions (social freedom)

Subject code: F5.3

Study UGLAN 2006

Reported in: Uglanova, E.
 Analysis of Happiness Variable in Monitoring of Social and Economic Changes in Russia 1993 - 2.
 Data Independent Institute for Social Policy, 2006, Russia <http://sofist.socpol.ru>
 Page in Report: question 25

Population: 16+ aged, Russia, 1993

Sample: Probability multi-stage cluster sample

Non-Response: ?

N: 2018

Correlate

Authors label: Perceived feeling of freedom

Our classification: Current absence of restrictions (social freedom), code F5.3

Measurement: Do you feel yourself free in our society?

- 1 not
- 2 rather not
- 3 rather yes
- 4 yes
- DK/NA

Measured Values: N = 1: 24,3% 2: 29,2% 3: 20,4% 4: 10,7% DK/NA: 15,5%

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-SLW/c/sq/v/4/g</u>	<u>DM=+</u>	1: M = 2,23 2: M = 2,42 3: M = 2,76 4: M = 3,06
<u>O-SLW/c/sq/v/4/g</u>	<u>rs=+.44</u> <u>p<.000</u>	

Correlational finding on Happiness and Amount of restrictions perceived
Subject code: F5.3.1

Study ALLAR 1973/1

Reported in: Allardt, E.
 About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey.
 Research Group for Comparative Sociology , 1973, Research Report Nr. 1, University of Helsinki, Finland
 Page in Report:

Population: 15-64 aged, general public, Denmark, 1972

Sample: Probability multistage stratified area sample

Non-Response:

N: 1000

Correlate

Authors label: Possibilities to decide on matters concerning one's life (1)

Our classification: Amount of restrictions perceived, code F5.3.1

Measurement: Answer categories: great, small, no

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-HL/c/sq/v/4/a	rpc=+.15	Controlled for: Income, housing density, education, social status, chronic illness, anxiety, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, number of memberships in clubs and associations, interesting life, easyness of life, loneliness, feelings of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

Correlational finding on Happiness and Amount of restrictions perceived

Subject code: F5.3.1

Study

ALLAR 1973/2

Reported in: Allardt, E.
 About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey.
 Research Group for Comparative Sociology, Research, 1973, Report nr. 1, University of Helsinki, Finland
 Page in Report:

Population: 15-64 aged, general public, Finland, 1972

Sample: Probability multistage stratified area sample

Non-Response:

N: 1000

Correlate*Authors label:* Possibilities to decide on matters concerning one's life (1)*Our classification:* Amount of restrictions perceived, code F5.3.1*Measurement:* Answer categories:great, small, no

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-HL/c/sq/v/4/a	rpc=+.26	Controlled for:Income, housing density, education, social status, chronic illness, anxiety, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, number of memberships in clubs and associations, interesting life, easyness of life, loneliness, feelings of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

Correlational finding on Happiness and Amount of restrictions perceived
Subject code: F5.3.1**Study****ALLAR 1973/3***Reported in:* Allardt, E.
About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey. Research Group for Comparative Sociology, 1973, Report nr. 1, University of Helsinki, Finland
Page in Report:*Population:* 15-64 aged, general public, Norway, 1972*Sample:* Probability multistage stratified area sample*Non-Response:*

N: 1000

Correlate*Authors label:* Possibilities to decide on matters concerning one's life (1)*Our classification:* Amount of restrictions perceived, code F5.3.1

Measurement: Answer categories:great, small, no

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-HL/c/sq/v/4/a	rpc=+.19	Controlled for:Income, housing density, education, social status, chronic illness, anxiety, freq. of meetings with relatives, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, no. of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

Correlational finding on Happiness and Amount of restrictions perceived Subject code: F5.3.1

Study	ALLAR 1973/4
<i>Reported in:</i>	Allardt, E. About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey. Research Reports, no.1, 1973; Eesearch Group for Comparative Sociology, 1973, Research Report nr. 1, University of Helsinki, Finland Page in Report:
<i>Population:</i>	15-64 aged, general public, Sweden, 1972
<i>Sample:</i>	Probability multistage stratified area sample
<i>Non-Response:</i>	
	N: 1000

Correlate

<i>Authors label:</i>	Possibilities to decide on matters conc. one's life (1)
<i>Our classification:</i>	Amount of restrictions perceived, code F5.3.1
<i>Measurement:</i>	Answer categories:great, small, no

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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[O-HL/c/sq/v/4/a](#)[rpc=+.15](#)

Controlled for: Income, housing density, education, social status, chronic illness, anxiety, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, number of memberships in clubs and associations, interesting life, easyness of life, loneliness, feelings of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

Correlational finding on Happiness and Amount of restrictions perceived

Subject code: F5.3.1

Study

BORTN 1970

Reported in: Bortner, R.W.; Hultsch, D.F.
 A Multivariate Analysis of Correlates of Life Satisfaction in Adulthood.
 Journal of Gerontology, 1970, Vol. 25, 41 - 47 ISSN 0022 1422
 Page in Report: 44

Population: 21+ aged, general public, USA 1959

Sample:

Non-Response: 9%

N: 1301

Correlate

Authors label: Opportunities to do what you would like to do (1)

Our classification: Amount of restrictions perceived, code F5.3.1

Measurement: Closed question rated on an 11-point self-anchoring scale

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
O-SLP/c/sq/l/11/a	r=+.43	
C-RG/h/sq/l/11/a	r=+.39	
C-BW/c/sq/l/11/a	r=+.33	

Correlational finding on Happiness and Amount of restrictions perceived

Subject code: F5.3.1

Study **CANTR 1965/2**

Reported in: Cantril, H.
The Pattern of Human Concern.
Rutgers University Press, 1965, New Brunswick, New Jersey, USA
Page in Report: 268-415

Population: 21+ aged, general public, USA, 1959

Sample:

Non-Response: -

N: 1549

Correlate

Authors label: Extent of opportunity to do what one likes (1)

Our classification: Amount of restrictions perceived, code F5.3.1

Measurement: Closed question rated on an 11-point self-anchoring scale.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-SLP/c/sq/l/11/a	r=+.46	
C-RG/h/sq/l/11/a	r=+.36	
C-BW/c/sq/l/11/a	r=+.32	

Correlational finding on Happiness and Amount of restrictions perceived
Subject code: F5.3.1

Study **GUNDE 2004**

Reported in: Gundelach, P.; Kreiner, S.
Happiness and Life Satisfaction in Advanced European Countries.
Cross-Cultural Research, 2004, Vol. 38, 359 - 386. ISSN 1069 3971 DOI: n10.1177/1069397104267483
Page in Report: 369

Population: 18 + aged , 9 advanced countries, Western Europe, 1999

Sample: Non-probability purposive sample

Non-Response:

N: 10517

Correlate

Authors label: Perceived freedom and control in life

Our classification: Amount of restrictions perceived, code F5.3.1

Measurement: Selfreport on single question:
Some people feel they have completely free choice and control over their lives, while other people feel that what they do has no real effect on what happens to them. Please use this scale where 1 means "none at all" and 10 means "a great deal" to indicate how much freedom of choice and control you feel you have over the way your life turns out.

Remarks: Data weighed

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-HL/u/sq/v/4/a	Gs=>.15	Gs controlled for - country of residence - report of living in an stable relationship - life-satisfaction (see below)
O-SLW/c/sq/n/10/a	Gs=+.37	Gs controlled for: - country of residence - stable relationship or not
O-SLW/c/sq/n/10/a		Very satisfied Ss only (score 10, N = 1,892)

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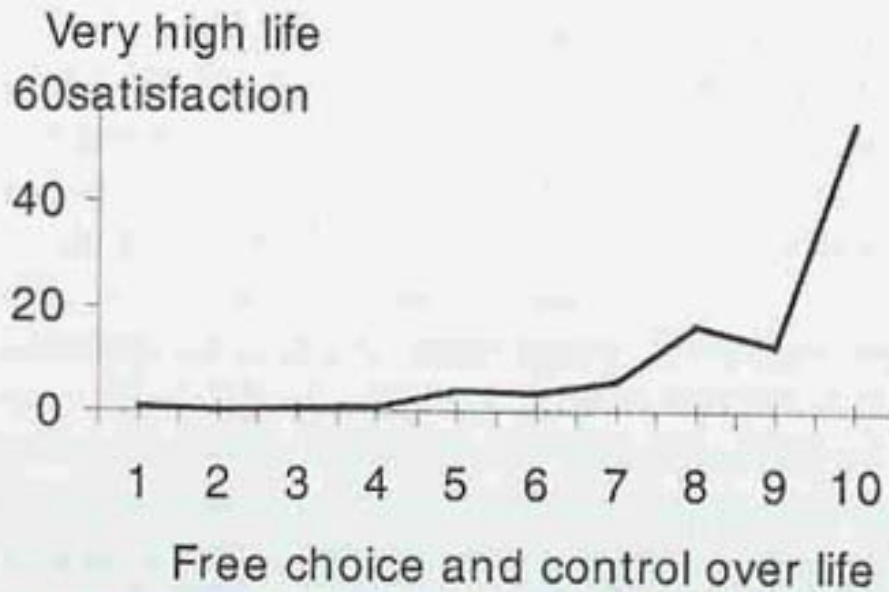


Figure 2: Life Satisfaction and Life Control

NOTE: $N = 1,892$. The figure includes people who said that they are very satisfied (a score of 10 on a 10-point scale). Data are weighted (Halman, 2001).

Correlational finding on Happiness and Amount of restrictions perceived

Subject code: F5.3.1

Study

HOLLO 1999

Reported in: Holloway, F. ;Carson, J.
Subjective Quality of Life, Psychopathology, Satisfaction with Care and Insight: an Exploratory Study.
International Journal of Social Psychiatry, 1999, Vol. 45,.259 - 267. ISSN 0020 7640
Page in Report: 262

Population: Mental patients, followed 3 years, UK 1990-1993

Sample: Non-probability purposive sample

Non-Response: 0

N: 70

Correlate

Authors label: Freedom

Our classification: Amount of restrictions perceived, code F5.3.1

Measurement: Selfreport on the following questions:

- I can spend time by myself (in privacy) when I want to
- I choose how my home is decorated
- I myself choose in the present house
- I have a bank or post office account from which I can withdraw money
- Mealtimes are changed to fit in my plans
- I choose for myself what I do in spare time
- I have voted in elections
- I have my own personal possessions
- I earn some money (other than benefit or pension)
- I choose my own clothes

Remarks: Subscale of Life Experience Checklist(LEC) [Ager 1990]

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt/v/7/a</u>	<u>r=+.35</u> <u>p<.006</u>	
<u>O-DT/u/sqrt/v/7/a</u>	<u>rpc=+.39</u> <u>p<.005</u>	rpc controled for depression as measured with Beck Depression Inventory

Correlational finding on Happiness and Amount of restrictions perceived

Subject code: F5.3.1

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: 486

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

Sample:

Non-Response:

N: 946

Correlate

Authors label: Sense of restriction (1)

Our classification: Amount of restrictions perceived, code F5.3.1

Measurement: "Do you think you have had a fair opportunity to make the most of yourself in life(1), or have you been held back in some ways(2)?"

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>r=-.37</u>	
<u>O-SLu/c/sq/v/3/b</u>	<u>r=-.22</u>	
<u>O-SLu/c/sq/v/3/b</u>	<u>r=-.22</u>	
<u>C-RA/h/sq/v/2/a</u>	<u>r=-.37</u>	

Correlational finding on Happiness and Amount of restrictions perceived Subject code: F5.3.1

Study UGLAN 2006

Reported in: Uglanova, E.
Analysis of Happiness Variable in Monitoring of Social and Economic Changes in Russia 1993 - 2.
Data Independent Institute for Social Policy, 2006, Russia <http://sofist.socpol.ru>
Page in Report: question 25

Population: 16+ aged, Russia, 1993

Sample: Probability multi-stage cluster sample

Non-Response: ?

N: 2018

Correlate

Authors label: Perceived feeling of freedom

Our classification: Amount of restrictions perceived, code F5.3.1

Measurement: Do you feel yourself free in our society?
1 not
2 rather not
3 rather yes
4 yes
- DK/NA

Measured Values: N = 1: 24,3% 2: 29,2% 3: 20,4% 4: 10,7% DK/NA: 15,5%

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/c/sq/v/4/g</u>	<u>DM=+</u>	1: M = 2,23 2: M = 2,42 3: M = 2,76 4: M = 3,06
<u>O-SLW/c/sq/v/4/g</u>	<u>rs=+.44</u> <u>p<.000</u>	

Correlational finding on Happiness and Specific restrictions (perceived and actual)

Subject code: F5.3.2

Study VEENH 1996

Reported in: Veenhoven, R.
Leefbaarheid van Landen. (Livability of Nations).
Inaugural Lecture, University Utrecht, Netherlands School for Social and Economic Policy, Research, 1996, Vol. 2, Utrecht, Netherlands <http://www2.eur.nl/fsw/research/veenhoven/Pub1990s/96h-fulln.pdf>
Page in Report: 42

Population: Adults, 48 nations, around 1990

Sample: Probability sample (unspecified)

Non-Response:

N: 75000

Correlate

Authors label: Acceptation of homosexuality

Our classification: Specific restrictions (perceived and actual), code F5.3.2

Measurement: Average response to survey question:
Please tell me for homosexuality whether it can
1: never be justified
.
.
10: always be justified

Remarks: Data: World Value Survey 2 1990-92, Ann Arbor, Michagan, USA

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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Y-LH//yh/n/100/a r=+.72 Happy Life Years by Acceptation of homosexuality
in 42 nations

Y-LH//yh/n/100/a rpc=+.38 rpc controlled for buying power per capita

Correlational finding on Happiness and Specific restrictions (perceived and actual) Subject code: F5.3.2

Study VEENH 2002A

Reported in: Veenhoven, R.
Bevrijde Sexualiteit. (Liberated Sexuality).
De Psycholoog, Juli/Augustus 2002, Vol. 42, 377 - 382. ISSN 0033 3115 <http://www2.eur.nl/fsw/research/veenhoven/Pub2000s/2002c-fulln.pdf>
Page in Report: 380, 382

Population: Adults, 42 nations, 1990

Sample: Probability sample (unspecified)

Non-Response:

N: 50000

Correlate

Authors label: Sexual freedom

Our classification: Specific restrictions (perceived and actual), code F5.3.2

Measurement: Public acceptance of homosexuality indicated by response to survey question:
Please tell me for each of the following statements whether you think it can always be justified, never be justified, or something in between. "Homosexuality"
1 never justifiable ... 10 always justifiable.

Remarks: Data: WVS (World Value Surveys Cumulative file 6160, ICPRS, Ann Arbor Michigan)

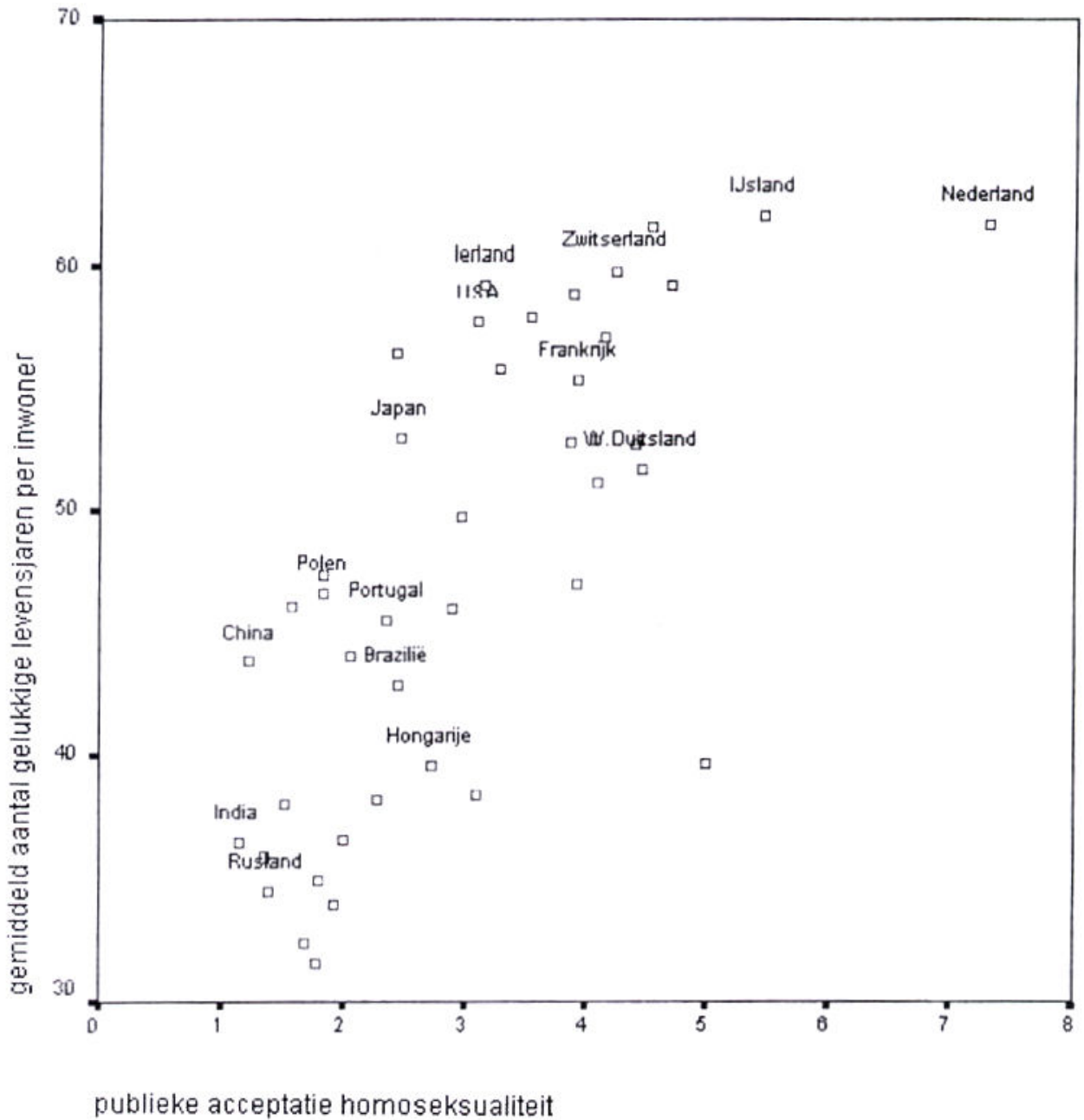
Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>Y-LH//yh/n/100/a</u>	<u>r=+.72</u>	Happy Life Years by Acceptance of homosexuality in 42 nations

Set Image size:

Figuur 2

Acceptatie homoseksualiteit en gemiddelde levensvoldoening in 42 landen 1990

[Y-LH//yh/n/100/a](http://www.worlddatabaseofhappiness.eur.nl/hap_cor/top_sub.php?code=F5)

rpc=+.38

rpc controlled for buying power per capita

Correlational finding on Happiness and Attitudes to freedom

Subject code: F5.4

Study DEEN 2005A

Reported in: Deen, N.; Wilcke, E.; Verheggen, P.P.
 Het Geluk van Werkend Nederland 2005. (The Happiness of Working People in the Netherlands in 2005).
 Projectpaper I0164 Motivation i.o.o.Randstad (Temp Agency), 2005, Amsterdam, Netherlands.
 Page in Report: 38,39

Population: 16-64 aged workers, The Netherlands, 2005

Sample: Probability systematic sample

Non-Response: ?

N: 3202

Correlate

Authors label: Satisfaction with possibility to escape daily life

Our classification: Attitudes to freedom, code F5.4

Measurement: Selfreport of satisfaction with possibility to escape daily life
 Rated 1 very dissatisfied tot 5 very satisfied.

Measured Values: (very) dissatisfied:19%; neutral: 23%; (very) satisfied: 58%

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
O-HP/u/sq/n/10/a	<u>DM=+</u>	dissatisfied: M=6,2 satisfied: M=7,5
O-HP/u/sq/n/10/a	<u>r=+.35</u>	

Correlational finding on Happiness and Satisfaction with freedom

Subject code: F5.4.2

Study ANDRE 1976/4

Reported in: Andrews, F.M.; Withey, S.B.
 Social Indicators of Well-being: Americans' Perceptions of Life Quality
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1
 Page in Report: 112

Population: 18+ aged, general public, non-institutionalized, USA, 1973/3

*Sample:**Non-Response:* 26%*N:* 1433

Correlate

Authors label: Satisfaction with independence (1)*Our classification:* Satisfaction with freedom, code F5.4.2*Measurement:* Closed question: "How do you feel about your independence or freedom - the chance you have to do what you want."
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt(N/7/a</u>	<u>E²=+.43</u>	

Correlational finding on Happiness and Satisfaction with freedom

Subject code: F5.4.2

Study **ANDRE 1976/4**

Reported in: Andrews, F.M.; Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1
Page in Report: 112*Population:* 18+ aged, general public, non-institutionalized, USA, 1973/3*Sample:**Non-Response:* 26%*N:* 1433

Correlate

Authors label: Satisfaction with independence (1)*Our classification:* Satisfaction with freedom, code F5.4.2*Measurement:* Closed question: "How do you feel about your independence or freedom - the chance you have to do what you want."
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt/v/7/a</u>	<u>E²=+.43</u>	

Correlational finding on Happiness and Satisfaction with freedom

Subject code: F5.4.2

<i>Study</i>	ANDRE 1976/4
<i>Reported in:</i>	Andrews, F.M.; Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1 Page in Report: 112
<i>Population:</i>	18+ aged, general public, non-institutionalized, USA, 1973/3
<i>Sample:</i>	
<i>Non-Response:</i>	26%
<i>N:</i>	1433

Correlate

<i>Authors label:</i>	Satisfaction with independence (2)
<i>Our classification:</i>	Satisfaction with freedom, code F5.4.2
<i>Measurement:</i>	Closed question: "How do you feel about your independence or freedom - the chance you have to do what you want." Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt/v/7/a</u>	<u>E²=+.43</u>	

Correlational finding on Happiness and Satisfaction with freedom

Subject code: F5.4.2

<i>Study</i>	ANDRE 1976/5
<i>Reported in:</i>	Andrews, F.M.; Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1 Page in Report: 112

Population: 18+ aged, general public, non-institutionalized, USA, 1973/7

Sample:

Non-Response:

N: 222

Correlate

Authors label: Satisfaction with independence (1)

Our classification: Satisfaction with freedom, code F5.4.2

Measurement: 2-item index of questions "How do you feel about....?"

1. the variety and diversity in life
2. independence and freedom (i.e. the change you have to do what you want.

Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-DT/u/sqrt/v/7/a	r=+.62	

Correlational finding on Happiness and Satisfaction with freedom

Subject code: F5.4.2

Study **ANDRE 1976/5**

Reported in: Andrews, F.M.; Withey, S.B.
 Social Indicators of Well-being: Americans' Perceptions of Life Quality
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1
 Page in Report: 112

Population: 18+ aged, general public, non-institutionalized, USA, 1973/7

Sample:

Non-Response:

N: 222

Correlate

Authors label: Satisfaction with independence (1)

Our classification: Satisfaction with freedom, code F5.4.2

Measurement: 2-item index of questions "How do you feel about....?"

- a. the variety and diversity in life
- b. independence and freedom (i.e. the change you have to do what you want.

Rated:

- 1 terrible
- 2 unhappy
- 3 mostly dissatisfied
- 4 mixed
- 5 mostly satisfied
- 6 pleased
- 7 delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-DT/u/sqt/v/7/a	$r=+.62$	

Correlational finding on Happiness and Satisfaction with freedom

Subject code: F5.4.2

Study HEADE 1981

Reported in: Headey, B.
The Quality of Life in Australia
Social Indicators Research, 1981, Vol. 9, 155 - 18. ISSN p 0303 8300;ISSN e 1573 0921 DOI:10.1007/BF00286195
Page in Report: 166

Population: Adults, general public, Australia 1978

Sample: Probability sample (unspecified)

Non-Response: not reported

N: 679

Correlate

Authors label: Privacy index

Our classification: Satisfaction with freedom, code F5.4.2

Measurement: Index of 3 single questions on satisfaction with:

- a: The extent to which you are in touch with your own feelings
- b: Your independence or freedom: the chance you have to do what you want
- c: The privacy you have: being alone when you want to

All scored on a 1-9 rating scale, summation by average.

Measured Values: M = 6.6 SD = 1.2

Remarks: All items scored on the same rating scale as the question on happiness.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt/v/9/a</u>	<u>r=+.40</u> <u>p<.001</u>	

Correlational finding on Happiness and Satisfaction with opportunity to change things Subject code: F5.4.3

Study	ANDRE 1976/3
<i>Reported in:</i>	Andrews, F.M.; Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1 Page in Report: 112
<i>Population:</i>	18+ aged, general public, non institutionalized, USA, 1972/11
<i>Sample:</i>	
<i>Non-Response:</i>	38%
<i>N:</i>	1072

Correlate

<i>Authors label:</i>	Satisfaction with opportunity to change things (1)
<i>Our classification:</i>	Satisfaction with opportunity to change things, code F5.4.3
<i>Measurement:</i>	Closed question: "How do you feel about the opportunity to change things around that you don't like?" Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt/v/7/a</u>	<u>E²=+.37</u>	

Correlational finding on Happiness and Satisfaction with opportunity to change things Subject code: F5.4.3

Study **ANDRE 1976/3**

Reported in: Andrews, F.M.; Withey, S.B.
 Social Indicators of Well-being: Americans' Perceptions of Life Quality
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1
 Page in Report: 112

Population: 18+ aged, general public, non institutionalized, USA, 1972/11

Sample:

Non-Response: 38%

N: 1072

Correlate

Authors label: Satisfaction with opportunity to change things (3)

Our classification: Satisfaction with opportunity to change things, code F5.4.3

Measurement: Closed question: "How do you feel about the opportunity to change things around that you don't like?"
 Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>$O-DT/u/\sqrt{v/7/a}$</u>	<u>$E^2=+.37$</u>	
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Correlational finding on Happiness and Satisfaction with opportunity to change things
 Subject code: F5.4.3

Study **ANDRE 1976/3**

Reported in: Andrews, F.M.; Withey, S.B.
 Social Indicators of Well-being: Americans' Perceptions of Life Quality
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1
 Page in Report: 112

Population: 18+ aged, general public, non institutionalized, USA, 1972/11

Sample:

Non-Response: 38%

N: 1072

Correlate

Authors label: Satisfaction with opportunity to change things (4)

Our classification: Satisfaction with opportunity to change things, code F5.4.3

Measurement: Closed question: "How do you feel about the opportunity to change things around that you don't like?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-DT/u/sqrt/v/7/a	E²=+.37	

Correlational finding on Happiness and Satisfaction with opportunity to change things

Subject code: F5.4.3

Study ANDRE 1976/5

Reported in: Andrews, F.M.; Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1
Page in Report: 112

Population: 18+ aged, general public, non-institutionalized, USA, 1973/7

Sample:

Non-Response:

N: 222

Correlate

Authors label: Satisfaction with opportunity to change things (2)

Our classification: Satisfaction with opportunity to change things, code F5.4.3

Measurement: Closed question: "How do you feel about the opportunity to change things around that you don't like?"
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-DT/u/sqrt/v/7/a	r=+.30	

Correlational finding on Happiness and Satisfaction with opportunity to change things

Subject code: F5.4.3

Study ANDRE 1976/5

Reported in: Andrews, F.M.; Withey, S.B.
 Social Indicators of Well-being: Americans' Perceptions of Life Quality
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1
 Page in Report: 112

Population: 18+ aged, general public, non-institutionalized, USA, 1973/7

Sample:

Non-Response:

N: 222

Correlate

Authors label: Satisfaction with opportunity to change things (1)

Our classification: Satisfaction with opportunity to change things, code F5.4.3

Measurement: Closed question: "How do you feel about the opportunity to change things around that you don't like?"
 Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-DT/u/sqrt(v/7/a)	$r=+.30$	

Correlational finding on Happiness and Satisfaction with opportunity to change things

Subject code: F5.4.3

Study ANDRE 1976/5

Reported in: Andrews, F.M.; Withey, S.B.
 Social Indicators of Well-being: Americans' Perceptions of Life Quality
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1
 Page in Report: 112

Population: 18+ aged, general public, non-institutionalized, USA, 1973/7

Sample:

Non-Response:

N: 222

Correlate

Authors label: Satisfaction with opportunity to change things (1)

Our classification: Satisfaction with opportunity to change things, code F5.4.3

Measurement: Closed question: "How do you feel about the opportunity to change things around that you don't like?"

Rated:

- 1 terrible
- 2 unhappy
- 3 mostly dissatisfied
- 4 mixed
- 5 mostly satisfied
- 6 pleased
- 7 delighted

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-DT/u/sqt/v/7/a	$r=+.30$	

Appendix 1: Happiness Items used

<i>Happiness Item Code</i>	<i>Full Text</i>
A-BB/cm/mq/v/2/a	<p>Selfreport on 10 questions:</p> <p>During the past few weeks, did you ever feel? (yes/no)</p> <p>A Particularly excited or interested in something?</p> <p>B So restless that you couldn't sit long in a chair?</p> <p>C Proud because someone complimented you on something you had done?</p> <p>D Very lonely or remote from other people?</p> <p>E Pleased about having accomplished something?</p> <p>F Bored?</p> <p>G On top of the world?</p> <p>H Depressed or very unhappy?</p> <p>I That things were going your way?</p> <p>J Upset because someone criticized you?</p> <p>Answer options and scoring: yes = 1 no = 0</p> <p>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</p> <p>Possible range: -5 to +5</p> <p>Name: Bradburn's 'Affect Balance Scale' (standard version)</p>

C-BW/c/sq//11/a

Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of the ladder represents the best possible life for you and the bottom represents the worst possible life for you. Where on the ladder do you feel you personally stand at the present time?"

[10] best possible life

[9]

[8]

[7]

[6]

[5]

[4]

[3]

[2]

[1]

[0] worst possible life

Preceded by 1) open questions about what the respondent imagines as the best possible life and the worst possible life. 2) ratings on the ladder of one's life five years ago and where on the ladder one expects to stand five years from now.

Name: Cantril's self anchoring ladder rating of life (original)

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

C-RG/h/sq//11/a

Selfreport on single question:

How would you rate yourself as to how successful or unsuccessful you have been in terms of achieving your own goals and aims in life? Think of the top of the ladder as being completely successful, the bottom being entirely unsuccessful

[10] completely successful

[9]

[8]

[7]

[6]

[5]

[4]

[3]

[2]

[1]

[0] entirely unsuccessful

O-DT/u/sqt/v/7/a

Selfreport on single question, asked twice in interview:

How do you feel about your life as a whole.....?

- 7 delighted
- 6 pleased
- 5 mostly satisfied
- 4 mixed
- 3 mostly dissatisfied
- 2 unhappy
- 1 terrible

Summation: arithmetic mean

Name: Andrews & Withey's "Delighted-Terrible Scale" (original version)
Also known as Lehman's 'Global lifesatisfaction'

O-DT/u/sqt/v/9/a

Selfreport on single question asked twice

'How do you feel about your life as a whole?'

- 1 terrible
- 2 very unhappy
- 3 unhappy
- 4 mostly dissatisfied
- 5 mixed feelings
- 6 mostly satisfied
- 7 pleased
- 8 very pleased
- 9 delighted

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

Selfreport on single question:

Do you feel your life at present is.....?

- 4 very happy
- 3 quite happy
- 2 quite unhappy
- 1 very unhappy

O-HL/g/sq/n/8/a

Selfreport on single question:

"How happy would you say you were in general?"

- 1 -
- 2
- 3
- 4
- 5
- 6
- 7
- 8 +

(Full response options not reported)

O-HL/u/sq/v/2/a

Selfreport on single question:

Are you happy with your life?

- 2 yes
- 1 no
- don't know

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/u/sq/n/10/a

Selfreport on single question:

Please indicate with a number between 1 and 10 to what degree you consider yourself as a happy person, 1 meaning very unhappy and 10 very happy

- 1 very unhappy
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 very happy

O-SLP/c/sq/l/11/a

Selfreport on single question :

"Some people seem to be quite happy and satisfied with their lives, while others seem quite unhappy and dissatisfied. Now look at this ladder (again). Suppose that a person who is entirely satisfied with his life would be at the top of the ladder and a person who is extremely dissatisfied with his life would be at the bottom of the ladder. Where would you put yourself on the ladder at the present stage of your life in terms of how satisfied or dissatisfied you are with your personal life?"

- [10] entirely satisfied
- [9]
- [8]
- [7]
- [6]
- [5]
- [4]
- [3]
- [2]
- [1]
- [0] entirely dissatisfied

Name Cantril ladder rating (modified version)

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/c/sq/v/5/g

Self report on single question:

How satisfying do you find your life at the moment.....?

- 1 very dissatisfying
- 2 quite dissatisfying
- 3 not satisfying not dissatisfying
- 4 quite satisfying
- 5 very satisfying

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

Selfreport on single question:

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

1 dissatisfied

2

3

4

5

6

7

8

9

10 satisfied

O-SLW/c/sq/v/4/g

Selfreport on single question:

How satisfied are you with your life as a whole these days?

4 quite satisfied

3 rather satisfied

2 rather unsatisfied

1 not at all satisfied

- no answer

- hard to say

Y-LH//yh/n/100/a

Happy Life Years

Life-expectancy in nations multiplied by 0-1 average happiness as assessed with survey questions type

O-HL

Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
B	<p>REGRESSION COEFFICIENT (non-standardized) by LEAST SQUARES (OLS)</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Theoretical range: unlimited</p> <p>Meaning:</p> <p>$B > 0$ A higher correlate level corresponds with, on an average, higher happiness rating.</p> <p>$B < 0$ A higher correlate level corresponds with, on an average, lower happiness rating.</p> <p>$B = 0$ Not any correlation with the relevant correlate.</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>
DMt	<p>DIFFERENCE of MEANS AFTER TRANSFORMATION</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: dichotomous, Happiness: metric</p> <p>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>
E ²	<p>CORRELATION RATIO (Elsewhere sometimes called h² 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 E² x 100 % of the variation in happiness.</p> <p>E² = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.</p> <p>E² = 1 « knowledge of the correlate value enables an exact prediction of the happiness rating</p>
Gs	<p>PARTIAL GAMMA. See: GAMMA</p> <p>Range: [-1, +1].</p> <p>Seldom used in happiness research. See excerpted report.</p>
r	<p>PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient')</p> <p>Type: test statistic.</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p>$r = 0$ « no correlation ,</p> <p>$r = 1$ « perfect correlation, where high correlate values correspond with high happiness values, and</p> <p>$r = -1$ « perfect correlation, where high correlate values correspond with low happiness values.</p>

rpc	<p>PARTIAL CORRELATION COEFFICIENT Type: test statistic Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1]</p> <p>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,</p>
rs	<p>SPEARMAN'S RANK CORRELATION COEFFICIENT Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal. Range: [-1; +1]</p> <p>Meaning: $rs = 0$ « no rank correlation $rs = 1$ « perfect rank correlation, where high correlate values are associated with high happiness ratings $rs = -1$ « perfect rank correlation, where high correlate values are associated with low happiness ratings</p>
T	<p>TSCHUPROW'S T Type: test statistic. Measurement level: Correlate: nominal, Happiness: ordinal Range: $[0 ; \sqrt{\frac{\min(r,c)-1}{\max(r,c)-1}}]$, c and r being the numbers of columns resp. rows in a cross tabulation.</p> <p>Meaning: $T = 0$ « no association $T \rightarrow 1$ « strongest possible association.</p> <p>NOTE: sometimes the square value is reported instead !</p>
tb	<p>KENDALL'S RANK CORRELATION COEFFICIENT TAU-B Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal Range: [-1; +1]</p> <p>Meaning: $tb = 0$ « no rank correlation $tb = 1$ « perfect rank correlation, where high values of the correlate correspond with high happiness ratings. $tb = -1$ « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.</p>

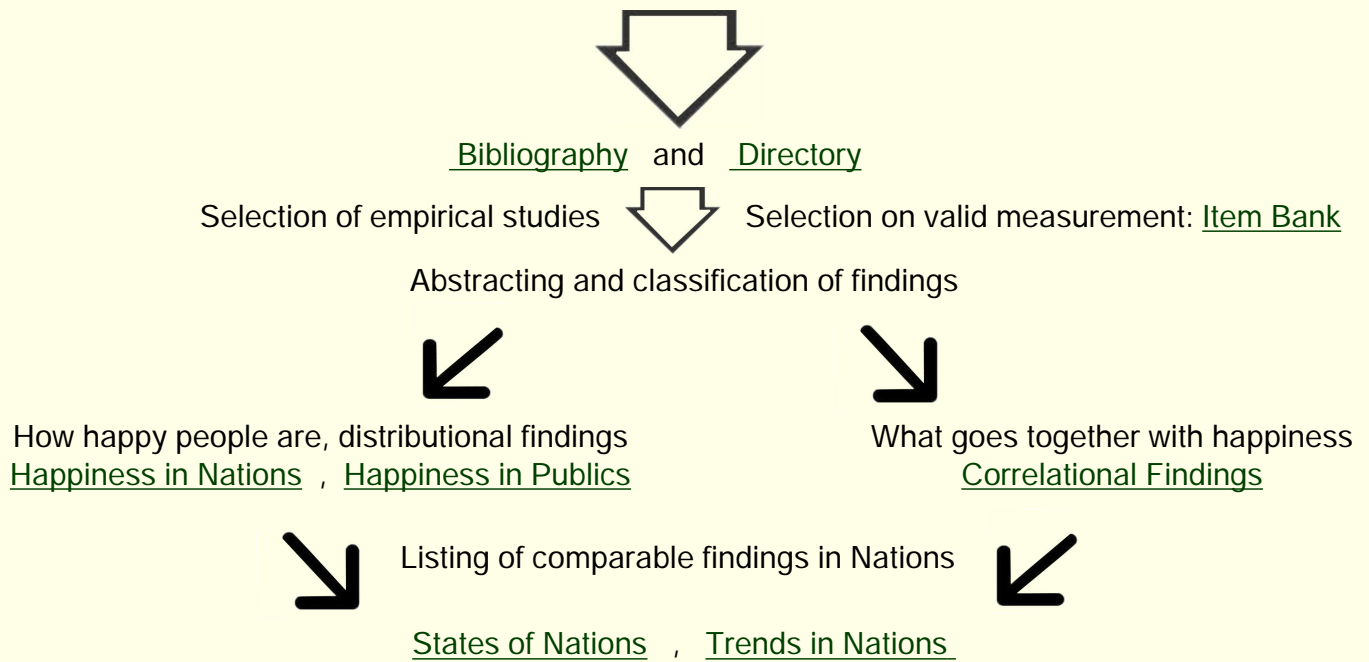
Appendix 3: About the World Database of Happiness

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



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 ONES 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>	
F5	FREEDOM	R2	RESOURCES
F5.1.1	Earlier freedom	P1.2.54	Earlier independence
F5.1.1	Earlier freedom	P1.2.58	Earlier inner-control
F5.2	Current ability to be free	C9.2.2	Current coping-capacity

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