

World Database of Happiness



Correlational Findings on Happiness and PSYCHO-SOMATIC COMPLAINTS

Subject Code: P13

© on data collection: [Ruut Veenhoven](#),
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Classification of Findings

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
P13	PSYCHO-SOMATIC COMPLAINTS	0
P13.1	Psycho-somatic career	0
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P13.1.2	Change in psycho-somatic complaints	0
P13.1.3	History of current complaints	1
P13.1.4	Later psycho-somatic complaints	3
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 Erasmus University Rotterdam, 2009, Netherlands

Correlational finding on Happiness and Earlier psycho-somatic complaints

Subject code: P13.1.1

Study **BACHM 1978/2**

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: 2213

Correlate

Authors label: Somatic symptoms (1)

Our classification: Earlier psycho-somatic complaints, code P13.1.1

Measurement: Mean based on an 18-item checklist of physical complaints, including such questions as: "Have you ever had spells of dizziness?", "Are you ever bothered by nightmares?"
Scale: 1.00 = never to 5.00 = always.
Assessed at T1, T2, T3, and T4

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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O-HP/g/mq/v/5/atau=-
p<.001

Somatic symptoms

	T1	T2	T3	T4	
Happiness					
T1	tau = -.33	-.26	-.22	-.21	
T2	tau = -.28	-.35	-.27	-.26	
T3	tau = -.22	-.31	-.40	-.30	T4
	tau = -.24	-.28	-.30	-.36	
All tau's significant (p < .001)					
T1:1966, T2:1968, T3:1969, T4:1970					

Correlational finding on Happiness and Earlier psycho-somatic complaints

Subject code: P13.1.1

Study COSTA 1980/2

Reported in: Costa, P.T.; McCrae, R.R.

Influence of Extraversion and Neuroticism on Subjective Well-Being: Happy and Unhappy People.

Journal of Personality and Social Psychology, 1980, Vol. 38, 668 - 678. ISSN 0022 3514

Page in Report: 675

Population: 25-75 aged white males (largely veterans), followed 10 years, USA, 1965-76

Sample:

Non-Response:

N: 234

Correlate

Authors label: Neuroticism (1)

Our classification: Earlier psycho-somatic complaints, code P13.1.1

Measurement: Cattell (1973) Sixteen Personality Factor Questionnaire Assessed at T1 (10 years ago)

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

A-BB/cy/mq/v/2/a r=-.30 Hedonic level assessed at T2
 p<.001 NAS: r = +.39 (001)
 PAS: r = -.08 ns

Correlational finding on Happiness and Earlier psycho-somatic complaints

Subject code: P13.1.1

Study COSTA 1981

Reported in: Costa, P.T.; McCrae, R.R.; Morris, A.H.
 Personal Adjustment to Aging: Longitudinal Prediction from Neuroticism and Extraversion.
 Journal of Gerontology, 1981, Vol. 36, 78 - 85. ISSN 0022 1422
 Page in Report:

Population: 17-97 aged males, visitors of the Gerontology Research Centre, followed ± 10 years
 Baltimore, USA. 1958-70

Sample:

Non-Response: Attrition 79% at T3, mostly among psychologically least adjusted

N: 117

Correlate

Authors label: Neuroticism (2)

Our classification: Earlier psycho-somatic complaints, code P13.1.1

Measurement: Factor-score derived from Guilford/ Zimmerman Temperament Survey (GZTS), labeled 'Emotional Health' in Guilford et al 1976. High loadings on: emotional stability, objectivity, friendliness and personal relationships.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>C-A/h/sq/v/3/a</u>	<u>r= p<.s</u>	T1 neuroticism by T1 happiness: - Young(18-49): r= -.17 (001) - Old (50-97): r= -.15 (01)
<u>C-A/h/sq/v/3/a</u>	<u>r=-.19</u> <u>p<.01</u>	T1 neuroticism by T2 happiness (2-10 yrs later)
<u>C-A/h/sq/v/3/a</u>	<u>r=-.11 ns</u>	T1 neuroticism by T3 happiness (10-17 yrs later)

Correlational finding on Happiness and Earlier psycho-somatic complaints

Subject code: P13.1.1

Study ORMEL 1980

Reported in: Ormel, J.
Moeite met Leven of een Moeilijk Leven. (Difficulties with Living or a Difficult Life).
Konstapel, 1980, Groningen, Netherlands
Page in Report: 350,250,60

Population: 15-60 aged, general public, followed 12 month, The Netherlands, 1967-77

Sample:

Non-Response: 18%

N: 296

Correlate

Authors label: Neuroticism (1)

Our classification: Earlier psycho-somatic complaints, code P13.1.1

Measurement: 14-item additive index about occurrence of neurotic symptoms. 0: 'not often', 1: 'often' or no answer.

Typical items are:

- Do you sometimes feel very unhappy without knowing why?
- Are you dizzy sometimes?
- Do your troubles often prevent you from falling asleep?
- Do you sometimes have the feeling that your life is senseless?

Assessed at T1(1970)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cw/mq/v/4/c</u>	<u>r=-.40</u> <u>p<.01</u>	T2 happiness by T1 neuroticism
<u>A-BB/cw/mq/v/4/c</u>	<u>r=-.44</u> <u>p<.01</u>	T3 happiness by T1 neuroticism.
<u>A-BB/cw/mq/v/4/c</u>	<u>β_L=-.24</u>	T2 happiness by T1 neuroticism. β_L path coefficient in a LISREL model, also involving selfesteem, internal control, intimacy with partner, adequacy of coping, self- and externally induced burdens .
<u>A-BB/cw/mq/v/4/c</u>	<u>β_L=-.36</u>	T3 happiness bij T1 neuroticism. β_L path coefficient in a LISREL model, also involving selfesteem, internal control, intimacy with partner, quality of life and adequacy of coping.
<u>A-BB/cw/mq/v/4/c</u>	<u>β_L=-.32</u> <u>p<.01</u>	T2 happiness by T1 neuroticism. β_L path coefficient in a LISREL model, also involving selfesteem, internal control, unhappy childhood and traumatic childhood experiences.

Correlational finding on Happiness and History of current complaints

Subject code: P13.1.3

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: 263

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

Sample: Non-probability purposive sample

Non-Response: 0

N: 70

Correlate

Authors label: SBS severe and moderate problems

Our classification: History of current complaints, code P13.1.3

Measurement: Rating of psychotic symptomatology or disability with severe mental illness by psychiatrist

- a. Depression
- b. Inappropriate sexual behaviour
- c. Poor self care
- d. Slowness
- e. Underactivity
- f. Poor attention span
- g. Other behaviour

Remarks: Social Behavior Schedule (SBS) [Wykes & Sturt, 1986]

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>O-DT/u/sqt/v/7/a</u>	<u>r=-.01</u>	
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<u>O-DT/u/sqt/v/7/a</u>	<u>r=-.09</u> <u>p<.57</u>	T1-T3 change in happiness by T1-T3 change symptoms (T1-T3 18 months)
<u>O-DT/u/sqt/v/7/a</u>	<u>rpc=+.04</u> <u>p<.70</u>	rpc controlled for depression as measured with subscale of comprehensive Psychiatric Rating Scale

Correlational finding on Happiness and Later psycho-somatic complaints

Subject code: P13.1.4

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

Correlate

Authors label: Somatic symptoms (1)

Our classification: Later psycho-somatic complaints, code P13.1.4

Measurement: Mean based on an 18-item checklist of physical complaints, including such questions as: "Have you ever had spells of dizziness?", "Are you ever bothered by nightmares?"
Scale: 1.00 = never to 5.00 = always. Assessed at T1, T2, T3 and T4

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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O-HP/g/mq/v/5/atau=-p<.001

Somatic symptoms

Happiness	T1	T2	T3	T4
T1	tau = -.33	-.26	-.22	-.21
T2	tau = -.28	-.35	-.27	-.26
T3	tau = -.22	-.31	-.40	-.30
T4	tau = -.24	-.28	-.30	-.36

All tau's significant (.001)
T1:1966, T2:1968, T3:1969, T4:1970

Correlational finding on Happiness and Later psycho-somatic complaints

Subject code: P13.1.4

Study BRENN 1979

Reported in: Brenner, B.
Depressed Affect as a Cause of Associated Somatic Problems.
Psychological Medicine, 1979, Vol. 9, 737 - 746 ISSN p. 0033 2917;ISSN e 1469 8978
Page in Report: 740-742

Population: 18+ aged, general public, Washington County, USA, 1973

Sample:

Non-Response: Non-response: 23% Not selected for follow up: 36% Dropout: ±23 %

N: 1755

Correlate

Authors label: Psychosomatic symptoms (1)

Our classification: Later psycho-somatic complaints, code P13.1.4

Measurement: Three-item index:

1. 'I felt that everything I did was an effort.'
2. 'I did not feel like eating; my appetite was poor.'
3. 'My sleep was restless.'

Subjects were asked for each item to indicate how often they felt this way during the past week; 1: rarely or none of the time, 2: some or a little of the time, 3: occasionally or a moderate amount of time, 4: most or all of the time.

These categories were recoded in: rarely experiencing depressed affect (1), occasionally experiencing depressed affect (2+3), frequently experiencing depressed affect (4). Items are drawn from the 20-item CES-D scale of depressive symptomatology (Comstock & Helsing, 1976; Radloff, 1977).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BBr/cw/mq/v/4/b</u>	<u>G=-.32</u> <u>p<.001</u>	Synchronic correlation at T1.
<u>A-BBr/cw/mq/v/4/b</u>	<u>Gs=-.06</u> <u>ns</u>	Synchronic correlation at T1 controlled for happiness (AFF 2.2a).

Correlational finding on Happiness and Later psycho-somatic complaints Subject code: P13.1.4

Study **MCCRA 1990**

Reported in: McCrae, R.R.; Costa, P.T.
Adding 'Liebe und Arbeit': The Full Five Factor Model and Well-Being.
Personality and Social Psychology Bulletin, 1991, Vol. 17, 227 - 232. ISSN 0146 1672
Page in Report: 23/24

Population: Single males and couples followed 7 years, Baltimore, USA, 1979-86

Sample:

Non-Response:

N: 429

Correlate

Authors label: Neuroticism (1)

Our classification: Later psycho-somatic complaints, code P13.1.4

Measurement: Index of closed questions answered by Ss and spouse. NEO Personality Inventory (Costa ea 1985). Typical characteristics of high scores are:
 -worrying, nervous, emotional
 -inadequate, insecure
 -hypochondriacal
 Assessed at T1(1979), T2(1981) and T3(1986)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cm/mq/v/2/a</u>	<u>r=-.33</u> <u>p<.01</u>	T1 happiness (ABS) by T3 self-rated neuroticism
<u>O-DT/u/sq/v/7/a</u>	<u>r=-.27</u> <u>p<.01</u>	T1 happiness (LS) by T3 self-rated neuroticism
<u>O-DT/u/sq/v/7/a</u>	<u>r=-.32</u> <u>p<.01</u>	T2 happiness (LS) by T3 self-rated neuroticism
<u>A-BB/cm/mq/v/2/a</u>	<u>r=-.37</u> <u>p<.01</u>	T2 happiness (ABS) by T3 self-rated neuroticism
<u>A-BB/cm/mq/v/2/a</u>	<u>r=-.44</u> <u>p<.01</u>	T1 happiness (ABS) by T3 spouse-rated neuroticism
<u>O-DT/u/sq/v/7/a</u>	<u>r=-.37</u> <u>p<.01</u>	T1 happiness (LS) by T3 spouse-rated neuroticism
<u>O-DT/u/sq/v/7/a</u>	<u>r=-.38</u> <u>p<.01</u>	T2 happiness (LS) by T3 spouse-rated neuroticism
<u>A-BB/cm/mq/v/2/a</u>	<u>r=-.33</u> <u>p<.01</u>	T2 happiness (ABS) by T3 spouse-rated neuroticism

Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

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: Anxiety (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 10 questions on psychosomatic diseases; answer categories: 1=yes, 2=no, 3=can't say, no information

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=-.30

Controlled for: Income, housing density, education, social status, chronic illness, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, number of memberships in clubs and communities, 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 Current psycho-somatic complaints

Subject code: P13.2

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: Anxiety (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 10 questions on psychosomatic diseases; answer categories: 1=yes, 2=no, 3=can't say, no information

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/4/a</u>	<u>rpc=-.35</u>	Controlled for:Income, housing density, education, social status, chronic illness, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, number of memberships in clubs and communities, 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 Current psycho-somatic complaints Subject code: P13.2

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, Reprort 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: Anxiety (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 10 questions on psychosomatic diseases; answer categories:1=yes, 2=no, 3=can't say, no information

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/4/a</u>	<u>rpc=-.27</u>	Controlled for:Income, housing density, education, social status, chronic illness, frequency of meetings with relatives, number of friends, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, number of memberships in clubs and communities, 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 Current psycho-somatic complaints

Subject code: P13.2

Study ALLAR 1973/4

Reported in: 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:

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

Sample: Probability multistage stratified area sample

Non-Response:

N: 1000

Correlate

Authors label: Anxiety (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 10 questions on psychosomatic diseases; answer categories:1=yes, 2=no, 3=can't say, no information

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-HL/c/sq/v/4/a</u>	<u>rpc=-.25</u>	Controlled for: Income, housing density, education, social status, chronic illness, freq. of meetings with relatives, no. of friends, opportunities to make personal contacts, no. of memberships in clubs and associations, possibilities to decide on matters concerning one's own personal life, interesting life, easyness of life, loneliness, gets sufficient attention, feeling of being liked, feeling of chance to succeed, feeling of being able to use knowledge and skills, satisfaction with income, age, gender, no. of communities in which lived.

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

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: 122

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

Sample:

Non-Response: 2.8% incomplete information in 1966

N: 1799

Correlate

Authors label: Somatic symptoms (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 18-item checklist of physical complaints containing nervousness, headaches, loss of appetite, upset stomach, trouble getting out of bed, work affected by ill health, shortness of breath, hard heart beating, dizziness, nightmares, losing weight, trembling hands, sweating hands, troubles to get going, bad health, having a cold, trouble falling asleep, absent from school because of illness (adapted from Gurin et al., 1960).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HP/g/mq/v/5/a</u>	<u>r=-.28</u> <u>p<.001</u>	Both variables assessed at T1.

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study BAKKE 1974

Reported in: Bakker, P.; VandeBerg, N.
Determinanten en Correlaten van Geluk.(Determinants and Correlates of Happiness).
Unpublished Thesis, Erasmus University Rotterdam, 1974, Netherlands
Page in Report: 28

Population: 20-65 aged, general public, The Netherlands, 1968

Sample:

Non-Response: 34% refusal and unattainable.

N: 1552

Correlate

Authors label: Psycho-somatic complaints. (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 88-item inventory containing symptoms indicative of both physical bad health, and psycho-somatic and social problems.

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-HP/g/sq/ol/7/a

G=-.41

Unaffected by age and sex.

p<.05

Lowest among medium S.E.S. and strongest among lower S.E.S.

Stronger among lower educated.

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study BRADB 1965/1

Reported in: Bradburn, N.M.; Caplovitz D.
Reports on Happiness. A Pilot Study of Behavior Related to Mental Health.
Aldine Publishing Company, 1965, Chicago, USA
Page in Report: 29

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

Sample:

Non-Response: -

N: 2006

Correlate

Authors label: Anxiety (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 6-item index of closed questions on dizziness, general aches and pains, headaches, muscle twitches, nervousness, and rapid heart beat; during last week.
(items from Stouffer et al. 1949)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cw/mq/v/4/e</u>	<u>G= -</u>	Index of Positive Affects: G' = +.02 (ns) Index of Negative Affects: G' = +.53 (01)
<u>O-HL/c/sq/v/3/aa</u>	<u>G=-.33</u> <u>p<. 01</u>	

Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study **DIENE 2002A**

Reported in: Diener, E.; Seligman, M.E.
Very Happy People.
Psychological Science, 2002, Vol.13, 81 - 84. ISSN 0956 7976 DOI::10.1111/1467-9280.00415
Page in Report: 84

Population: Undergraduate students, US, 200?

Sample: Non-probability purposive sample

Non-Response:

N: 222

Correlate

Authors label: Hypochondriasis

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Hypochondriasis subscale of Minnesota Multiphasic Personality Inventory Pathology Scales (with K corrections);

Hypochondriasis is neurotic concern over bodily functioning.

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>M-AO*/mqr*/0/a</u>	<u>E²=.06</u> <u>p<.05</u>	Mean hypochondriasis a 10% least happy 13.0 b 27% close to average 13.7 c 10% most happy 12.1
<u>M-AO*/mqr*/0/a</u>	<u>MCT=</u> <u>p<.05</u>	a > b, c

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study HAAVI 1971

Reported in: Haavio-Mannila, E.
Satisfaction with Family, Work, Leisure and Life among Men and Women.
Human Relations, 1971, Vol. 24, 585 - 601. ISSN 0018 7267
Page in Report: 590

Population: 15-64 aged, general public, Finland, 1966

Sample:

Non-Response:

N: 948

Correlate

Authors label: Anxiety. (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Question on anxiousness about things, using a symptoms list, including nervousness, headache, insomnia, excessive appetite, nightmares, loneliness, chest pains, bad appetite, or trembling hands.

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-SLW/?/sq/v/3/b</u>	<u>r=-</u>	unmarried employed males : r = -.22 (ns) unmarried employed females : r = -.29 (05) married employed males : r = -.18 (05) married employed females : r = -.10 (ns) married non-employed females: r = +.07 (ns)

Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study HAJAK 2001

Reported in: Hajak, G
 Epidemiology of Severe Insomnia and Its Consequences in Germany.
 European Archives of Psychiatry and Clinical Neurosci, 2001, Vol. 251, 49 - 56. ISSN 0940 1334
 Page in Report: 51,53,54

Population: 18+ aged, general public, Germany, 1997

Sample: Probability stratified sample

Non-Response:

N: 1913

Correlate

Authors label: Severe Insomnia

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Self report
 0: no sleep complaints
 1: severe insomnia

Measured Values: N=206: severe sleep complaints; N=162: no sleep complaints (=control group) -55%: no sleep complaints during last month; 4% severe insomnia

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-SQL/c/sq/v/5/b</u>	<u>DM=-</u>	no complaints M = 3,82 CI95[3,70; 3,94]
	<u>p<.00000</u>	severe insomania M = 3,05 CI95[2,94; 3,16]
		difference DM = -0,77 CI95[-0.93; -0,61] P2=4,9E-20

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study LEWIS 1996

Reported in: Lewis, C.A.; Joseph, S; McCollam, P
 Convergent Validity of the Depression-Happiness Scale with the Crown-Crisp Experiential Index.
 Psychological Reports, 1996, Vol. 78, 497 - 498
 Page in Report: 498

Population: University Students, UK, 1994

Sample: Non-probability chunk sample

Non-Response: 0

N: 40

Correlate

Authors label: Somatic anxiety

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Somatic anxiety subscale of Crown-Crisp (1979) Experiential Index
Items not reported.

Measured Values: Mean:4.0; SD:2,4

Error Estimates: Cronbach alpha .38

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BMc/cw/mq/v/4/a</u>	<u>r=-.56</u> <u>p<.01</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study **MELEI 1982**

Reported in: Meleis, A.I.
Effect of Modernization on Kuwaiti Women.
Social Science and Medicine, 1982, Vol. 16, 965 - 970. ISSN 0277 9536 DOI:
doi:10.1016/0277-9536(82)90364-1
Page in Report:

Population: 17-40 aged females, Kuwait, 1982

Sample:

Non-Response:

N: 248

Correlate

Authors label: Psychosomatic complaints (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement:

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-H?/?/0q/?/0/a</u>	<u>r=-.50</u> <u>p<.001</u>	
<u>O-H?/?/0q/?/0/a</u>	<u>r=-.50</u>	
<u>O-H?/?/0q/?/0/a</u>	<u>tb=-.11</u> <u>p<.02</u>	

Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study MOSER 1969

Reported in: Moser-Peters, C.M.
Achtergronden van Geluksgevoelens. (Backgrounds of Happiness Feelings).
Nederlands Instituut voor Preventieve Geneeskunde (TNO), 1969, Leiden,
Netherlands
Page in Report: 36

Population: Adult, general public, Utrecht, city, The Netherlands, 1967

Sample:

Non-Response: 14% unattainable etc.

N: 300

Correlate

Authors label: Psycho-somatic complaints. (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 21-item index of psycho-somatic complaints
1: no complaints
2: some complaints
3: a lot of complaints.

Remarks: VOEG scale (Dirken 1967)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/5/c</u>	<u>G=-.10</u> <u>ns</u>	U-shaped curve: Ss with some complaints being most happy.
<u>O-HL/c/sq/v/5/c</u>	<u>DM=-</u> <u>p<.05</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study **MOSER 1969**

Reported in: Moser-Peters, C.M.
Achtergronden van Geluksgevoelens. (Backgrounds of Happiness Feelings).
Nederlands Instituut voor Preventieve Geneeskunde (TNO), 1969, Leiden,
Netherlands
Page in Report: 37

Population: Adult, general public, Utrecht, city, The Netherlands, 1967

Sample:

Non-Response: 14% unattainable etc.

N: 300

Correlate

Authors label: Nervousness. (2)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Direct question: Have you taken 'something against the nerves' during the last 14 days?
0: Nothing
1: Swallowed something

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/5/c</u>	<u>G=-.41</u> <u>p<.01</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study NEUBE 1978

Reported in: Neuberger, O.; Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Satisfaction with Work).
Verlag Hans Huber, 1978, Bern, Switzerland
Page in Report: 147

Population: Employees, glass-reparing industry, West-Germany, 1976

Sample:

Non-Response:

N: 106

Correlate

Authors label: Nervousness (2)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
Psychosomatic complaints, respectively the amount in which bodily symptoms are consciously registered.
Part of 114 item Freiburger Persönlichkeits-Inventar (Freiburger Personality Inventory: Fahrenberg & Selg, 1973, short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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O-SLS/c/sq/f/7/a r=-.28
p<.05

Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study NEUBE 1978

Reported in: Neuberger, O.; Allerbeck, M.
 Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Satisfaction with Work).
 Verlag Hans Huber, 1978, Bern, Switzerland
 Page in Report: 147

Population: Employees, glass-reparing industry, West-Germany, 1976

Sample:

Non-Response:

N: 106

Correlate

Authors label: Nervousness (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
 Psychosomatic complaints, respectively the amount in which
 bodily symptoms are consciously registered.
 Part of 114 item Freiburger Persönlichkeits-Inventar
 (Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
 short form A).

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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<u>O-SLS/c/sq/f/7/a</u>	<u>r=-.28</u> <u>p<.05</u>	
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Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study NEUBE 1978/2

Reported in: Neuberger, O.;Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Satisfaction with Work).
Verlag Hans Huber, 1978, Bern, Switzerland
Page in Report: 147

Population: Employees, commercial and textile-manufacturing occupations, West-Germany, 1977

Sample:

Non-Response:

N: 110

Correlate

Authors label: Nervousness (2)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
Psychosomatic complaints, respectively the amount in which bodily symptoms are consciously registered.
Part of 114 item Freiburger Persönlichkeits Inventar (Freiburger Personality Inventory: Fahrenberg & Selg, 1973, short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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O-SLS/c/sq/f/7/a	$r = ns$	
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Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study NEUBE 1978/2

Reported in: Neuberger, O.;Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Satisfaction with Work).
Verlag Hans Huber, 1978, Bern, Switzerland
Page in Report: 147

Population: Employees, commercial and textile-manufacturing occupations, West-Germany, 1977

Sample:

Non-Response:

N: 110

Correlate

Authors label: Nervousness (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
Psychosomatic complaints, respectively the amount in which bodily symptoms are consciously registered.
Part of 114 item Freiburger Persönlichkeits Inventar (Freiburger Personality Inventory: Fahrenberg & Selg, 1973, short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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O-SLS/c/sq/f/7/a	$r = ns$	
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Correlational finding on Happiness and Current psycho-somatic complaints
Subject code: P13.2

Study NEUBE 1978/3

Reported in: Neuberger, O.;Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Satisfaction with Work).
Verlag Hans Huber, 1978, Bern, Switzerland
Page in Report: 147

Population: Employees, metal-industry, West-Germany, 1977

Sample:

Non-Response:

N: 84

Correlate

Authors label: Nervousness (2)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
Psychosomatic complaints, respectively the amount in which bodily symptoms are consciously registered.
Part of 114 item Freiburger Persönlichkeits-Inventar (Freiburger Personality Inventory: Fahrenberg & Selg, 1973, short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>O-SLS/c/sq/f/7/a</u>	<u>r= ns</u>	
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Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study **NEUBE 1978/3**

Reported in: Neuberger, O.;Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of Satisfaction with Work).
Verlag Hans Huber, 1978, Bern, Switzerland
Page in Report: 147

Population: Employees, metal-industry, West-Germany, 1977

Sample:

Non-Response:

N: 84

Correlate

Authors label: Nervousness (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
Psychosomatic complaints, respectively the amount in which
bodily symptoms are consciously registered.
Part of 114 item Freiburger Persönlichkeits-Inventar
(Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLS/c/sq/f/7/a</u>	<u>r= ns</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study NEUBE 1978/4

Reported in: Neuberger, O.; Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of
Satisfaction with Work).
Verlag Hans Huber, 1978, Bern, Switzerland
Page in Report: 147

Population: Skilled labourers, West-Germany, 1976

Sample:

Non-Response:

N: 55

Correlate

Authors label: Nervousness (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
Psychosomatic complaints, respectively the amount in which
bodily symptoms are consciously registered.
Part of 114 item Freiburger Persönlichkeits-Inventar
(Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLS/c/sq/f/7/a</u>	<u>r=-.34</u> <u>p<.05</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study NEUBE 1978/4

Reported in: Neuberger, O.; Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of
Satisfaction with Work).
Verlag Hans Huber, 1978, Bern, Switzerland
Page in Report: 147

Population: Skilled labourers, West-Germany, 1976

Sample:

Non-Response:

N: 55

Correlate

Authors label: Nervousness (2)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
Psychosomatic complaints, respectively the amount in which
bodily symptoms are consciously registered.
Part of 114 item Freiburger Persönlichkeits-Inventar
(Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLS/c/sq/f/7/a</u>	<u>r=-.34</u> <u>p<.05</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study NEUBE 1978/5

Reported in: Neuberger, O.;Allerbeck, M.
Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of
Satisfaction with Work).
Verlag Hans Huber, 1978, Bern, Switzerland
Page in Report: 147

Population: Administrative employees, General Sickfund, West-Germany, 1976

Sample:

Non-Response:

N: 60

Correlate

Authors label: Nervousness (2)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
 Psychosomatic complaints, respectively the amount in which
 bodily symptoms are consciously registered.
 Part of 114 item Freiburger Persönlichkeits-Inventar
 (Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
 short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-SLS/c/sq/f/7/a	r= ns	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study **NEUBE 1978/5**

Reported in: Neuberger, O.;Allerbeck, M.
 Messung und Analyse von Arbeitszufriedenkeit. (Measurement and Analysis of
 Satisfaction with Work).
 Verlag Hans Huber, 1978, Bern, Switzerland
 Page in Report: 147

Population: Administrative employees, General Sickfund, West-Germany, 1976

Sample:

Non-Response:

N: 60

Correlate

Authors label: Nervousness (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
 Psychosomatic complaints, respectively the amount in which
 bodily symptoms are consciously registered.
 Part of 114 item Freiburger Persönlichkeits-Inventar
 (Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
 short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLS/c/sq/f/7/a</u>	<u>r= ns</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code:P13.2

Study **NEUBE 1978/7**

Reported in: Neuberger, O.; Allerbeck, M.
 Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of
 Satisfaction with Work).
 Verlag Hans Huber, 1978, Bern, Switzerland
 Page in Report: 147

Population: Employees, assembly-industry, West-Germany, 1976

Sample:

Non-Response:

N: 111

Correlate

Authors label: Nervousness (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
 Psychosomatic complaints, respectively the amount in which
 bodily symptoms are consciously registered.
 Part of 114 item Freiburger Persönlichkeits-Inventar
 (Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
 short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLS/c/sq/f/7/a</u>	<u>r=-.37</u> <u>p<.01</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study NEUBE 1978/7

Reported in: Neuberger, O.; Allerbeck, M.
 Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of
 Satisfaction with Work).
 Verlag Hans Huber, 1978, Bern, Switzerland
 Page in Report: 147

Population: Employees, assembly-industry, West-Germany, 1976

Sample:

Non-Response:

N: 111

Correlate

Authors label: Nervousness (2)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
 Psychosomatic complaints, respectively the amount in which
 bodily symptoms are consciously registered.
 Part of 114 item Freiburger Persönlichkeits-Inventar
 (Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
 short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLS/c/sq/f/7/a</u>	<u>r=-.37</u> <u>p<.01</u>	

Correlational finding on Happiness and Current psycho-somatic complaints
 Subject code: P13.2

Study NEUBE 1978/9

Reported in: Neuberger, O.; Allerbeck, M.
 Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of
 Satisfaction with Work).
 Verlag Hans Huber, 1978, Bern, Switzerland
 Page in Report: 147

Population: Young female employees, cure-clinic, West Germany, 1976

Sample:

Non-Response:

N: 150

Correlate

Authors label: Nervousness (2)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
 Psychosomatic complaints, respectively the amount in which
 bodily symptoms are consciously registered.
 Part of 114 item Freiburger Persönlichkeits-Inventar
 (Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
 short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLS/c/sq/f/7/a</u>	<u>r=-.23</u> <u>p<.05</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study NEUBE 1978/9

Reported in: Neuberger, O.; Allerbeck, M.
 Messung und Analyse von Arbeitszufriedenheit. (Measurement and Analysis of
 Satisfaction with Work).
 Verlag Hans Huber, 1978, Bern, Switzerland
 Page in Report: 147

Population: Young female employees, cure-clinic, West Germany, 1976

Sample:

Non-Response:

N: 150

Correlate

Authors label: Nervousness (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Index of direct questions about:
 Psychosomatic complaints, respectively the amount in which
 bodily symptoms are consciously registered.
 Part of 114 item Freiburger Persönlichkeits-Inventar
 (Freiburger Personality Inventory: Fahrenberg & Selg, 1973,
 short form A).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLS/c/sq/f/7/a</u>	<u>r=-.23</u> <u>p<.05</u>	

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study **PAYNE 1974**

Reported in: Payne, R.L.
 N.M. Bradburn's Measures of Psychological Well-Being: An Attempt at Replication.
 M.C.R. Social and Applied Psychology Unit, Department of Psychology University of
 Sheffield, 1974, UK
 Page in Report: 17

Population: Employed males, supervising jobs, England, 197?

Sample:

Non-Response: 4% incomplete.

N: 192

Correlate

Authors label: Health status. (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: 13-item index of physical and psychological symptoms; e.g. dizziness, headaches, upset stomach, nervousness.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cm/mq/v/5/a</u>	<u>G=-</u>	Index of Positive Affects: G = +.02 Index of Negative Affects: G = +.13

Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study SCHUL 1985B

Reported in: Schulz, W.; Költringer, R.; Norden, G.; Tüchler, H.
Lebensqualität in Österreich. (Quality-of-Life in Austria).
Research paper nr 10/1, Institut für Soziologie, University of Vienna, 1985, Austria
Page in Report: 52,54,143

Population: Adults, non-institutionalized, Austria, 1984

Sample:

Non-Response: ?

N: 1776

Correlate

Authors label: Psychosomatic healthproblems (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Five item index of direct questions on psychosomatic diseases (ulserpains, headaches, heart beatings, sleeplessness, sweating). Answer categories yes/no.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-Sum/c/mq/v/5/a</u>	<u>r=-.34</u>	
<u>O-Sum/c/mq/v/5/a</u>	<u>Beta=-.16</u> <u>p<.05</u>	β controlled for: gender, age, community size, education, professional status, marital status, income, body weight, healthy eating habits, weight control, alcohol consumption, physical fitness activity, illness and satisfaction with health.

Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study TERBO 2002

Reported in: TerBogt, T.; VanDorsselaer, S.; Vollebergh, W.
Psychische Gezondheid, Risicogedrag en Welbevinden van Nederlandse Scholieren.
(Psychological Health, Risk Behavior and Well-Being of Dutch Adolescents).
Research Report Trimbos Institute, University of Utrecht, 2003, Utrecht, Netherlands,
ISBN 90 5253 431 4
Page in Report: 37,46

Population: 11-15 aged schoolchildren, the Netherlands, 2001

Sample: Probability multi-stage cluster sample

Non-Response:

N: 7556

Correlate

Authors label: Psychosomatic complaints

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Self report on single question:
 In the last 6 months how often have you had the following:
 Headache, Stomach-ache, Back-ache, Feeling low,
 Irritability or bad temper, Feeling nervous, Difficulties
 in getting to sleep, Feeling dizzy.
 Response options were: About every day, More than once a
 week, About every week, About every month, Rarely or never.

0) Percentage reporting no complaints more than once a week
 1) Percentage reporting psychosomatic complaints more than
 once a week

Measured Values: 0) 53,1 %, 1) 47,9 %

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>C-BW/c/sq/l/11/a</u>	<u>DM=-</u> <u>p<.05</u>	0) No complaints: M=8,5 1) Complaints more than once a week: M=7,8 Difference -0,7

Correlational finding on Happiness and Current psycho-somatic complaints Subject code: P13.2

Study VENTE 1995

Reported in: Ventegodt, S.
 Livskvalitet i Danmark. (Quality of Life in Denmark).
 Forskningscentrets Forlag (The Quality of Life Research Center), København,
 Denmark, ISBN 8790190017 <http://www.livskvalitet.org/t1/index.asp>
 Page in Report: 202, 204

Population: 18-88 aged, general public, Denmark, 1993

Sample: Non-probability purposive sample

Non-Response: 39%

N: 1494

Correlate

Authors label: type of health problems (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Suffer a lot from these health problems:

- a: no severe inconvenience
- b: pain/discomfort shoulder/nape of neck
- c: pain/discomfort back/loin
- d: discomfort arms, legs, hip or joints
- e: headache
- f: palpitations
- g: nervousness, anxiety
- h: difficult sleeping or insomnia
- i: melancholy, depressed or unhappy
- j: tiredness
- k: stomach pain
- l: indigestion or diarrhoea/constipation
- m: eczema, rash itching
- n: cold, head cold or cough
- o: breathing difficulties
- p: discomfort or problems in the internal female sexual organs

Measured Values: N: 1:1021, b:104 c:114, d:87, e:61, f:20, g:39, h:37, i:40 j:101, k:36, l:38, m:40, n:55, o:38, p:13

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>DMt=</u>	a: Mt=8.20 b: Mt=6.59 c: Mt=6.63 d: Mt=6.46 e: Mt=6.51 f: Mt=5.00 g: Mt=4.30 h: Mt=4.86 i: Mt=3.44 j: Mt=5.86 k: Mt=5.21 l: Mt=5.79 m: Mt=6.89 n: Mt=6.91 o: Mt=5.26

p: Mt=5.81
All Mt=7.55

O-SLu/c/sq/v/5/e DMt=

a: Mt=7.76
b: Mt=6.68
c: Mt=6.59
d: Mt=6.63
e: Mt=6.60
f: Mt=6.00
g: Mt=4.30
h: Mt=4.93
i: Mt=3.06
j: Mt=5.90
k: Mt=5.55
l: Mt=5.46
m: Mt=7.11
n: Mt=7.13
o: Mt=6.46
p: Mt=5.78
All Mt=7.29

O-HL/c/sq/v/5/h DMt=

a: Mt=7.18
b: Mt=6.56
c: Mt=6.30
d: Mt=6.59
e: Mt=6.39
f: Mt=5.75
g: Mt=4.55
h: Mt=4.86
i: Mt=3.44
j: Mt=6.05
k: Mt=5.86
l: Mt=5.74
m: Mt=6.38
n: Mt=6.64
o: Mt=6.35
p: Mt=6.15
All Mt=6.85

Correlational finding on Happiness and Current psycho-somatic complaints
Subject code: P13.2

Study VENITE 1995

Reported in: Ventegodt, S.

Livskvalitet i Danmark. (Quality of Life in Denmark).

Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017 <http://www.livskvalitet.org/t1/index.asp>

Page in Report: 224

Population: 18-88 aged, general public, Denmark, 1993

Sample: Non-probability purposive sample

Non-Response: 39%

N: 1494

Correlate

Authors label: mental disorders (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Single question:

"Do you at present suffer from any of the following illnesses or disorders ?"

a: no illnesses/disorders

b: nervous/mental disorders

c: anorexia/bulimia

d: mental depression

Measured Values: N: a:367, b:70, c:8, d:12

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

A-AOL/m/sq/v/5/a

DMt=-

a: no illnesses/disorders Mt=8.18

b: nervous/mental disorders Mt=5.33

c: anorexia/bulimia Mt=5.31

d: mental depression Mt=4.79

All Mt=7.60

<u>O-SLu/c/sq/v/5/e</u>	<u>DMt=-</u>	a: no illnesses/disorders	Mt=7.78
		b: nervous/mental disorders	Mt=5.08
		c: anorexia/bulimia	Mt=5.00
		d: mental depression	Mt=4.16
		All	Mt=7.21

<u>O-HL/c/sq/v/5/h</u>	<u>DMt=</u>	a: no illnesses/disorders	Mt=7.19
		b: nervous/mental disorders	Mt=5.18
		c: anorexia/bulimia	Mt=6.56
		d: mental depression	Mt=4.79
		All	Mt=6.80

Correlational finding on Happiness and Current psycho-somatic complaints

Subject code: P13.2

Study **VEROF 1962**

Reported in: Veroff, J.,;Feld, S; Gurin, G.
Dimensions of Subjective Adjustment.
Journal of Abnormal and Social Psychology, 1962, Vol. 64, 192 - 205
Page in Report: 196

Population: 21+ aged, married, with children, USA, 1957

Sample:

Non-Response: -

N: 797

Correlate

Authors label: Psycho-somatic symptoms (1)

Our classification: Current psycho-somatic complaints, code P13.2

Measurement: Summary score of 16 symptoms indicative of psychological and psychosomatic symptom complaints: (10 ranks)
(adapted from McMillan, 1957).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-HL/u/sq/v/3/a	<u>tb= - p<. 01</u>	Males : <u>_b = -.24 (01)</u> Females : <u>_b = -.18 (01)</u>

Correlational finding on Happiness and Current physical complaints

Subject code: P13.2.1

Study **BEISE 1974**

Reported in: Beiser, M.
Components and Correlates of Mental Well-Being.
Journal of Health and Social Behavior, 1974, Vol. 15, 320 - 327 ISSN:0022 1465
Page in Report: 325

Population: 18+ aged, general public, Stirling County, Canada, 1968

Sample:

Non-Response: 10%

N: 112

Correlate

Authors label: Psycho-physiologicalcondition (1)

Our classification: Current physical complaints, code P13.2.1

Measurement: Number of psycho-psychological dis- orders reported, e.g. psychophysiologic gastrointestinal reaction, asthma, hypertension, etc.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
A-BB/cq/mq/v/3/a	<u>r= -</u>	Index of Negative Affects: <u>r = +.37 (01)</u> Unrelated to Index of Positive Affects

Correlational finding on Happiness and Current physical complaints

Subject code: P13.2.1

Study **BRADB 1969**

Reported in: Bradburn, N.M.
The Structure of Psychological Well-Being.
Aldine Publishing, 1969, Chicago, USA
Page in Report:

Population: 21-60 aged, general public, urban areas, USA, 1963 - 64

Sample:

Non-Response: ± 20%, Attrition ± 30%

N: 2787

Correlate

Authors label: Physical symptoms (1)

Our classification: Current physical complaints, code P13.2.1

Measurement: 55-item index of closed questions on general aches and pains, headaches, dizziness, rapid heart beat, and hands sweating and feeling damp and clammy; during the past few weeks
(items from Stouffer et al., 1950).

Remarks: Data T1. Not computed for summed ABS.

Observed Relation with Happiness

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

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

G=-

Index of Positive Affects:

- Males : G= +.00

- Females: G= -.02

Index of Negative Affects:

- Males : G= +.47

- Females: G= +.45

- Stronger among those who are healthy than among those who are sick.

- Unaffected by expecting a nervous breakdown.

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

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: 122

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

Sample:

Non-Response: 2.8% incomplete information in 1966

N: 1799

Correlate

Authors label: Negative affect status (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: 40-item index of closed questions on irritability (7 items), general anxiety (7 items), anxiety and tension (5 items), depression (6 items), anomie (8 items) and resentment (7 items).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HP/g/mq/v/5/a</u>	<u>r=-.51</u> <u>p<.001</u>	Both variables assessed at T1.

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study BOELH 1999

Reported in: Boelhouwer, J.; Stoop, I.
Measuring Well-Being in the Netherlands.
Social Indicators Research, 1999, Vol. 48, 51 - 75 ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1023/A:1006931028334
Page in Report: 62

Population: 18+ aged, general public, The Netherlands, 1974-1997

Sample: Probability sample (unspecified)

Non-Response:

N: 3500

Correlate

Authors label: Score on VOEG (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: Score for psychosomatic symptoms on a Dutch subjective health inventory (VOEG)
1 Below average
2 Above average

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HP/u/sq/v/5/a</u>	<u>r=-.25</u> <u>p<.05</u>	1993

O-HP/u/sq/v/5/a r=-.25 1997
p<.05

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study BRADB 1969

Reported in: Bradburn, N.M.
The Structure of Psychological Well-Being.
Aldine Publishing, 1969, Chicago, USA
Page in Report:

Population: 21-60 aged, general public, urban areas, USA, 1963 - 64

Sample:

Non-Response: ± 20%, Attrition ± 30%

N: 2787

Correlate

Authors label: Psychological anxiety (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: 3-item index of closed questions on nervousness or tenseness during the last weeks, having trouble getting to sleep at night, and having enough energy to do the things one would like to do.

Remarks: Data T1. Not computed for summed ABS.

Observed Relation with Happiness

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

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

G=-

Index of Positive Affects:

- Males : G= +.04
- Females: G= +.02

Index of Negative Affects:

- Males : G= +.47
 - Females: G= +.45
 - Stronger among those who are healthy than among those who are sick.
 - Unaffected by expecting a nervous breakdown.
-

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study

BRENN 1970

Reported in: Brenner, B.
Social Factors in Mental Well-Being at Adolescence.
PhD Dissertation, The American University, 1970, Washington DC, USA
Page in Report: 71/272

Population: Highschool pupils, New York State, USA, 1960

Sample:

Non-Response: 1%

N: 5204

Correlate

Authors label: Anxiety symptoms (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: 10-item index of closed questions on sleeping problems, trembling hands, nervousness, heart beating hard, pressures or pains in head, biting fingernails, shortness of breath, sweating hands, sick headaches, nightmares (see Rosenberg, 1965).

Observed Relation with Happiness

*Happiness Measure**Statistics Elaboration/Remarks*O-HL/u/sq/v/4/bG=-.28

After control for:

- usual mood : Gs = -.21
- having fun in life : Gs = -.20
- frequency of low mood : Gs = -.18
- tending to be a discouraged person: Gs = -.20
- tending to be a lonely person : Gs = -.19

Females: G = -.35

Males : G = -.28

A-AOL/g/sq/v/5/aG=-.24

Females : G = -.32

Males : G = -.23

A-AOL/g/sq/v/5/aV= .11p<. 01

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study**BRENN 1975B**

Reported in: Brenner, B.
 Enjoyment as a Preventive of Depressive Affect.
 Journal of Community Psychology, 1975, Vol. 3, 346 - 357
 Page in Report: 352

Population: 18+ aged, general public, county and big city, USA, 1972

Sample:

Non-Response: 19% in Washington, and 25% in Kansas City.

N: 2168

Correlate

Authors label: Psycho-psychologic problems. (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: 3-item index of closed questions on problems with energy, appetite, and/or sleep during past week rarely/ occasionally/ most days.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-TH/g/sq/v/5/b</u>	<u>G=-.43</u> <u>p<.001</u>	When controlled for depressive affect: Gs = -.31

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study COVIN 1999

Reported in: Covinsky, K.E.; Wu, A.W.; Landefeld, C.S.; Connors Jr., A.F. et al
Health Status versus Quality of Life in Older Patients: Does the Distinction Matter?
The American Journal of Medicine, 1999, Vol. 106, 435 - 440. ISSN 0002 9343
Page in Report: 438

Population: 80+ aged cognitively intact patients interviewed 2 months after hospitalization, 1994, USA

Sample: Non-probability purposive-expert sample

Non-Response: 564

N: 493

Correlate

Authors label: Psychological distress (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: Selfreport on 14 questions about depression and anxiety during the prior week (McNair et.al Moods Profile)
 Psychological distress scores were calculated by summing the profiles of mood states, depression and anxiety scales:
 1=lowest tertile (least distressed)
 2=middle tertile
 3=highest tertile (most distressed)

Measured Values: N: 1=151, 2=157, 3=154

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-QLS/c/sq/v/5/b</u>	<u>DM=-</u>	1. M=3.28 SD=.95 2. M=2.96 SD=.90 3. M=2.42 SD=.98
<u>O-QLS/c/sq/v/5/b</u>	<u>rs=-.38</u> <u>p<.00</u>	
<u>O-QLS/c/sq/v/5/b</u>	<u>C=-.70</u>	dichotomized global quality-of-life ratings "good or better" versus "fair or worse"
<u>O-QLS/c/sq/v/5/b</u>	<u>OR=-05</u>	Chance to be happy 1: 3.2 2: 2.2 3: 1 (reference) Chance controled for - physical capacity - independence in daily activities - pain

Correlational finding on Happiness and Current mental complaints
 Subject code: P13.2.2

Study ERDMA 1981/2

Reported in: Erdman, R.A.

Welbevinden bij Hartpatiënten. (Well-Being of Heartpatients).

Thesis Erasmus University Rotterdam, 1981, Swets & Zeitlinger, Lisse, Netherlands.

ISBN 90 265 0370 9

Page in Report: 103

Population: Heart patients, The Netherlands 1978-1979

Sample: Non-probability chunk sample

Non-Response: 6,0%

N: 1752

Correlate

Authors label: Disphoria

Our classification: Current mental complaints, code P13.2.2

Measurement: Factor derived from responses of the following statements:

- I can sit still
- I dislike busily streets
- I am afraid for(a new)hartatacke
- I still been irritable
- I take care of the future
- I am very often whining
- I am afraid of my finance position
- I am often out of mood
- I am often depressed
- I am very moody

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

M-TH/g/sq/v/3/d

DM=-

disphoria score

p<.001

-Happy(3) M= 16.08 SD = 4.53
 -Unhappy(1-2) M= 19.19 SD = 5.55
 difference M= -3.01 SD = 1,02

M-TH/g/sq/v/4/b

DM=-

-Happy(4) M = 16,17 SD= 4.55
 -Unhappy(1-3) M = 22.21 SD= 4.89
 difference M = -6.04 SD = 0.34

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study **FORTI 1983**

Reported in: Forti, T. J.; Hyg, M.S.
 A Documented Evaluation of Primary Prevention through Consultation.
 Community Mental Health Journal, 1983, Vol. 19, 290 - 304. ISSN p 0010 3853; ISSN
 e 1573 2789 DOI:10.1007/BF00755410
 Page in Report:

Population: Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981

Sample:

Non-Response: T1: 18%, T2: 14%, T3: 23%

N: 137

Correlate

Authors label: Anxiety (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: Index of closed questions, rated on a 2-point scale, ranging from (0) True to (1) False. (order reversed)

1. No more nervous than most other	people
2. Keyed up most of the time	
3. Can't keep mind on one thing very	long
4. Bothered by things not a bother to	others
5. Worrying about something most of	the time
6. Calm - don't get upset easily	
7. Anxious about someone/something	almost all of
the time	
8. Happy most of the time	
9. Nervous some days - can't sit still	very long
10. Hard time keeping mind on work/task	
11. Don't worry about what other people	think about me
any more than most	people
12. Take things hard (get hurt easily)	
13. Life a strain much of the time	
14. At times think I'm just no good at	all
15. Lack faith in self	
16. Feel useless at times	
17. Things upset me easier than most	people
18. So many problems feel couldn't	handle

19. Feel about to go to pieces
20. Deny trouble/difficult problem

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>		
		T1: 1977	T2: 1979	T3: 1981
<u>O-DT/u/sq/f/7/a</u>	<u>r=</u>			
		1. +.03 (ns)	+ .03 (ns)	+ .32 (01)
		2. -.18 (01)	- .45 (01)	- .40 (01)
		3. -.02 (ns)	- .02 (ns)	- .06 (ns)
		4. -.05 (ns)	- .14 (05)	- .14 (05)
		5. -.26 (01)	- .24 (01)	- .34 (01)
		6. +.20 (01)	+ .21 (01)	+ .35 (01)
		7. -.10 (ns)	- .23 (01)	- .30 (01)
		8. +.43 (01)	+ .35 (01)	+ .44 (01)
		9. -.03 (ns)	+ .01 (ns)	- .23 (01)
		10. -.10 (ns)	- .08 (ns)	- .19 (01)
		11. +.25 (01)	+ .16 (05)	+ .22 (01)
		12. -.23 (01)	- .18 (01)	- .24 (01)
		13. -.36 (01)	- .37 (01)	- .53 (01)
		14. -.34 (01)	- .16 (05)	- .34 (01)
		15. -.31 (01)	- .35 (01)	- .29 (01)
		16. -.34 (01)	- .17 (05)	- .33 (01)
		17. -.20 (01)	- .20 (01)	- .29 (01)
		18. -.17 (05)	- .23 (01)	- .42 (01)
		19. -.25 (01)	- .12 (ns)	- .24 (01)
		20. +.02 (ns)	- .09 (ns)	- .05 (ns)
All variables assessed at T1, T2, and T3.				
Correlation concerns same time measures.				

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study **GEHMA 1987**

Reported in: Gehmacher, E.
Gebaude Gemeinschaft. (Buildded Community).
SWS Rundschau, 1987, Vol. 27, 147 - 156. <http://www.sws-rundschau.at/>
Page in Report: 151

Population: Residents housing estates, Vienna, Austria, 1987

Sample:

Non-Response: ?

N: 218

Correlate

Authors label: Mental health (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: Self report of nervous complaints:
1. every day very tense
.
.
6. never

Remarks: β controled for age, sex, postmaterialism, physical health, education, occupational status and satisfactions (with housing, leisure, social contacts and actitities).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-FH/cm/sq/v/5/a</u>	<u>r=+.23</u>	
<u>O-SLL/c/sq/v/5/b</u>	<u>r=+.24</u>	
<u>M-FH/cm/sq/v/5/a</u>	<u>Beta=</u> <u>+.15</u> <u>p<.05</u>	

[O-SLL/c/sq/v/5/b](#)Beta=
+.10 ns

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study **HARDE 1969**

Reported in: Harder, J.M.
Self-Actualization, Mood, and Personality Adjustment in Married Women.
Unpublished Doctoral Dissertation, Teachers' College, Columbia University, 1969,
USA
Page in Report: 50

Population: Married females, USA, 196?

Sample:

Non-Response: -

N: 62

Correlate

Authors label: Anxiety (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: Index of statements about feelings of nervousness, strain, distraction, embarrassment and fear. (Taylor Manifest Anxiety Scale; see Taylor, 1953).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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A-AOL/cy/sq/v/10/a	<u>r=-.24 ns</u>	
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Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study

LAI 2005

Reported in: Lai, K.; Tzeng, R.; Wang, B.; Lee, H.; et al.
Health-Related Quality of Life and Health Utility for the Institutional Elderly in Taiwan.
Journal of Quality of Life Research, 2005, Vol. 14, 1169 - 1180. ISSN 0962 9343. DOI
10.1007/s11136-004-3061-3
Page in Report: 1173-1178

Population: Elderly living in long-term care settings, Taiwan 2000

Sample: Probability simple random sample

Non-Response: 9%

N: 465

Correlate

Authors label: Psychological domain

Our classification: Current mental complaints, code P13.2.2

Measurement: Selfreport on 6 questions about psychological matters in the last four weeks:

- a. Positive feelings.
Q5: How much do you enjoy life?
- b. Spirituality.
Q6: To what extent do you feel your life to be meaningful?
- c. Thinking, learning, memory, and concentration.
Q7: How well are you able to concentrate?
- d. Bodily image and appearance.
Q11: Are you able to accept your bodily appearance?
- e. Self-esteem.
Q19: How satisfied are you with yourself?
- f. Negative feelings.
Q26: How often do you have negative feelings such as blue mood, despair, anxiety, depression?

Subscale of Taiwan's abbreviated version of the WHOQOL-BREF

Measured Values: Range 4-20 : Mean=11,20; SD=2,50; Median=11,33; Mode=12.

Error Estimates: Cronbach's alfa 0,78 > 0,70

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-QOL/cm/sq/v/5/a</u>	<u>r=+.33</u> <u>p<.001</u>	

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study LAI 2005

Reported in: Lai, K.; Tzeng, R.; Wang, B.; Lee, H.; et al.
Health-Related Quality of Life and Health Utility for the Institutional Elderly in Taiwan.
Journal of Quality of Life Research, 2005, Vol. 14, 1169 - 1180. ISSN 0962 9343. DOI
10.1007/s11136-004-3061-3
Page in Report: 1173-1176

Population: Elderly living in long-term care settings, Taiwan 2000

Sample: Probability simple random sample

Non-Response: 9%

N: 465

Correlate

Authors label: Social relationships domain

Our classification: Current mental complaints, code P13.2.2

Measurement: Selfreport on 3 questions about social relationships in the last four weeks:

- a. Personal relationships.
Q20: How satisfied are you with your personal relationships?
- b. Sexual activity.
Q21: How satisfied are you with your sex life?
- c. Social support.
Q22: How satisfied are you with the support you get from your friends?

Social relationships (TW) Domain
Subscale of Taiwan's abbreviated version of the WHOQOL-BREF

Measured Values: Range=4-20 : Mean=12,45; SD=2,37; Median=12; Mode=12.

Error Estimates: Cronbach;'s alfa: 0,78; >0,70

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-QOL/cm/sq/v/5/a</u>	<u>r=+.19</u> <u>p<.001</u>	

Correlational finding on Happiness and Current mental complaints Subject code: P13.2.2

Study **MAKAR 1962**

Reported in: Makarczyk, W.
Factors affecting Life Satisfaction among People in Poland.
Polish Sociological Bulletin, 1962, Vol. 1, 105 - 116
Page in Report: 115

Population: Adults, general public, students and peasants excluded, Poland, 1960

Sample:

Non-Response: 5%

N: 2387

Correlate

Authors label: Nervousness (2)

Our classification: Current mental complaints, code P13.2.2

Measurement: Single question on being a nervous person: definitely no / rather no / rather yes/decidedly yes.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-SLW/u/sq/v/5/a	<u>T=-.11</u> <u>p<.001</u>	

Correlational finding on Happiness and Current mental complaints Subject code: P13.2.2

Study MITCH 1972/2

Reported in: Mitchell, R.E.
Levels of Emotional Strain in East Asian Cities.
Asian Folklore & Social Life Monographs, The Orient Cultural Service, 1972, Taipei, Formosa
Page in Report: 39

Population: 18+ aged, general public, Hong Kong, South East Asia, 1967

Sample:

Non-Response: 21%

N: 3966

Correlate

Authors label: Emotional illness (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: 11 item index. Typical items are :

- Your hands sweat so that you feel damp and clammy.
- You have nightmares.
- You lose your appetite.

For each item, the respondent was asked if he experienced the symptom many times/sometimes/hardly ever/never. Many times or sometimes (score 1 ,hardly ever or never : score 0) were considered as an indicator of emotional strain (item analysis, fact validity of the answer categories). Those with four or more of these strains were labelled emotionally ill ; those with three or less are considered to be healthy. Score range : 0 - 11.

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

G=-.32
p<.01

Figures based on half of the sample.

linear

There is a stronger connection between illness and unhappiness when there is lower social involvement.

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study

VANSL 2004

Reported in:

VanSluijs, J.

Effecten van Levenslooptransities op de Tevredenheid van Jong Volwassenen. (Effects of Lifecourse Transition on Satisfaction of Adolescents).

Master thesis, University of Tilburg, 2004, Netherlands

Page in Report: 42, 62

Population: Young adults, followed from age 18 to 30, The Netherlands, 1987-1999

Sample: Probability stratified sample

Non-Response: 36,6% (baseline)

N: 836

Correlate

Authors label: Mental health

Our classification: Current mental complaints, code P13.2.2

Measurement: Self report on shortened 6-item General Health Questionnaire (GHQ):
How did you feel in the past two weeks?

- Were you able to concentrate on the things you were engaged in?
- Did you feel that you could not master your difficulties/troubles?
- Did you enjoy your daily activities?
- Did you feel unhappy and depressed?
- Did you lose faith in yourself?
- All things taken together, did you feel happy?

Rated: 1 better than normal, 2 the same as normal, 3 worse than normal, 4 much worse than normal. The answers were summed up and changed to a 10 point scale.

Remarks: Assessed at T1 (1987), T3 (1991), T4(1999)

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-Sum/cy/mq/v/7/a

B=

B's indicate average difference between more and less healthy Ss over this 12 year period

<u>O-Sum/cy/mq/v/7/a</u>	<u>B=+.23</u> <u>p<.001</u>	B controlled for personal characteristics: <ul style="list-style-type: none">- age- age²- gender- education- cohort 1965 vs cohort 1961- cohort 1969 vs cohort 1961- neuroticism- extraversion
<u>O-Sum/cy/mq/v/7/a</u>	<u>B=+.22</u> <u>p<.001</u>	additional control for lifecourse transitions (happened or not): <ul style="list-style-type: none">- first job- no job- left parental home- living together/marriage first partner- divorce from first partner- living together/marriage second partner- having first child
<u>O-Sum/cy/mq/v/7/a</u>	<u>B=+.22</u> <u>p<.001</u>	additional control for years since transition: <ul style="list-style-type: none">- first paid job- no job- leaving parental home- living together/marriage first partner- divorce from first partner- living together/marriage second partner- having first child <p>Unaffected by squaring of the above variables</p> <p>Effect stronger among women</p>

Correlational finding on Happiness and Current mental complaints

Subject code: P13.2.2

Study **VEROF 1962**

Reported in: Veroff, J.,;Feld, S; Gurin, G.
Dimensions of Subjective Adjustment.
Journal of Abnormal and Social Psychology, 1962, Vol. 64, 192 - 205
Page in Report: 196

N: 797

Correlate

Authors label: Psychological anxiety (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: Factor of closed questions on having trouble falling asleep or staying asleep and being bothered by nervous-ness, feeling fidgety and tense.

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-HL/u/sq/v/3/a

tb= - p<.01 Males : _b = -.16 (01)
Females : _b = -.19 (01)

Correlational finding on Happiness and Current mental complaints Subject code: P13.2.2

Study VEROF 1962

Reported in: Veroff, J.,;Feld, S; Gurin, G.
Dimensions of Subjective Adjustment.
Journal of Abnormal and Social Psychology, 1962, Vol. 64, 192 - 205
Page in Report: 196

Population: 21+ aged, married, with children, USA, 1957

Sample:

Non-Response: -

N: 797

Correlate

Authors label: Immobilization (1)

Our classification: Current mental complaints, code P13.2.2

Measurement: Factor containing direct questions on difficulties with getting up in the morning, and sweating hands (6 ranks).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/u/sq/v/3/a</u>	<u>tb= -</u>	Males : $_b = -.12$ (01) Females : $_b = -.02$ (ns)

Appendix 1: Happiness Items used

<i>Happiness Item Code</i>	<i>Full Text</i>
A-AOL/cy/sq/v/10/a	Selfreport on single question: "In thinking over the past year, indicate how elated or depressed, happy or unhappy you have felt....?" 10 Complete elation, rapturous joy and soaring ecstasy 9 Very elated and in very high spirits. Tremendous delight and buoyancy. 8 Elated and in high spirits. 7 Feeling very good and cheerful. 6 Feeling pretty good , "OK". 5 Feeling a little bit low. Just so-so. 4 Spirits low and somewhat "blue". 3 Depressed and feeling very low. Definitely "blue". 2 Tremendously depressed. Feeling terrible, really miserable, "just awful". 1 Utter depression and gloom. Completely down. All is black and leaden. Wish it were all over.

A-AOL/g/sq/v/5/a

Selfreport on single question:

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

5 very good spirits

4 fairly good spirits

3 neither good spirits nor low spirits

2 fairly low spirits

1 very low spirits.

A-AOL/m/sq/v/5/a

Single direct question:

How are you feeling now....?

5 very good

4 good

3 neither good nor poor

2 poor

1 very poor

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

Selfreport on 10 questions:

During the past few weeks, did you ever feel? (yes/no)

A Particularly excited or interested in something?

B So restless that you couldn't sit long in a chair?

C Proud because someone complimented you on something you had done?

D Very lonely or remote from other people?

E Pleased about having accomplished something?

F Bored?

G On top of the world?

H Depressed or very unhappy?

I That things were going your way?

J Upset because someone criticized you?

Answer options and scoring:

yes = 1

no = 0

Summation:

-Positive Affect Score (PAS): A+C+E+G+I

-Negative Affect Score (NAS): B+D+F+H+J

-Affect Balance Score (ABS): PAS minus NAS

Possible range: -5 to +5

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

A-BB/cm/mq/v/5/a Selfreport on 13 questions:

"During the past four weeks have you ever felt....?" (yes/no)

A Pleased about having accomplished something.

B Things going my way.

C Proud because someone complimented me on something I had done.

D Particularly excited or interested in something I had done.

E On top of the world.

F A deep sense of joy.

G Pleased because my life feels orderly and secure.

H Bored.

I Very lonely and remote from other people.

J Jealous of somebody.

K Angry with someone.

L Disappointed in myself..

M Unhappy about the small number of times I have pleasant feelings and experiences.

Answer options:

0 no

yes

If yes: How often did you feel so?

5 every day

4 several times a week

3 once a week

2 2 or 3 times a month

1 once a month

Summation:

- Positive Affect Score (PAS): Average A to G

- Negative Affect Score (NAS): Average H to M

- Affect Balance Score (AB): PAS minus NAS

Possible range: +42 tot -30

Name : Bradburn's "Affected Balance Scale' (modified version)

A-BB/cq/mq/v/3/a

Selfreport on 10 questions:

"During the past few months, have you ever felt..... (often, sometimes, never?"

A Particularly excited 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 Depressed or very unhappy?

H That things were going your way?

I Upset because someone criticized you?

Answer options and scoring:

0 = no

if yes

3 often

2 sometimes

1 never

Summation:

-Positive Affect Score (PAS): A+C+E+I

-Negative Affect Score (NAS): B+D+F+H+J

-Affect Balance Score (ABS): PAS minus NAS

Possible range: -15 to +12

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

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

Selfreport on 8 questions:

" In the past few weeks did you ever feel.....?"

A Pleased about having accomplished something

B Upset because someone criticized you

C Proud because someone complimented you on something you had done

D That things are going your way

E So restless you couldn't sit long in a chair

F Unhappy or depressed

G Particularly interested in something

H Lonely and remote from other people

Response options:

0 not at all

1 sometimes

2 often

3 very often

Scoring: a = 0.....d = 3

Summation:

Positive Affect Score (PAS): summed scores on A, C, D, G

Negative Affect Score (NAS): summed scores on B, E, F, H

Affect Balance Score (ABS): PAS minus NAS

Name: Bradburn's Affect Balance Scale (variant)

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

Selfreport on 9 questions:

We are interested in the way people are feeling these days. The following list describes some of the ways people feel at different times. Please indicate how often you felt each way during the last week.

How often last week did you feel?

A On the top of the world

B Very lonely or remote from other people

C Particularly excited or interested in something

D Depressed or very unhappy

E Pleased about having accomplished something

F Bored

G Proud because someone complimented you on something you had done

H So restless you couldn't sit long in a chair

I Vaguely uneasy about something without knowing why

Answer options:

0 not at all

1 once

2 several times

3 often

Summation:

Positive Affect Score (PAS): summed scores on A, C, E, G

Negative Affect Score (NAS): summed scores on B, D, F, H, I

Affect Balance Score (ABS): PAS minus NAS

Possible range: -15 tot +12

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

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

Selfreport on 10 questions asked 4 times a year at 3 month intervals.

"During the past few weeks, did you ever feel.....?" (yes/no)

A Particularly excited, or interested in something?

B So restless that you could not sit long in a chair?

C Proud because someone complimented you on something you had done?

D Very lonely or remote from people?

E Pleased about having accomplished something?

F Bored?

G On top of the world?

H Depressed?

I That things were going your way?

J Upset because someone criticized you?

Scoring: yes = 1, no is = 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'

A-BBr/cw/mq/v/4/b Selfreport on 2 questions:

"Please tell me how often you have felt this way during the past week...?"

A I enjoyed life

B I was happy

Answer options:

1 rarely or none of the time

2 some or a little of the time

3 occasionally or a moderate amount of time

4 most of the time

Summation: average score on A and B

A-BMc/cw/mq/v/4/a Selfreport on 25 questions:

A number of statements that people have used to describe how they feel are given below. Read each one and circle the number that best describes how frequently that statement was true for you in the past seven days, including today. Some statements describe positive feelings and some describe negative feelings. You may have experienced both positive and negative feelings at different times in the past week.

A I felt sad

B I felt I had failed as a person

C I felt dissatisfied with my life

D I felt mentally alert

E I felt disappointed with myself

F I felt cheerful

G I felt life wasn't worth living

H I felt satisfied with my life

I I felt healthy

J I felt life crying

K I felt I had been successful

L I felt happy

M I felt I couldn't make decisions

N I felt unattractive

O I felt optimistic about the future

P I felt life was rewording

Q I felt cheerless

R I felt life has a purpose

S I felt too tired to do anything

T I felt pleased with the way I am

U I felt lethargic

V I found it easy to make decisions
W I felt life was enjoyable
X I felt life was meaningless
Y I felt run down

Answer options:

0 never
1 rarely
2 sometimes
3 often

Negative affect score (NAS): A, B, C, E, G, J, M, N, Q, S, U, X, Y.

Positive affect score (PAS): D, F, H, I, K, L, O, P, R, T, V, W.

Affect Balance Score (ABS): PAS - NAS + 39

Name: McGreal & Joseph 'Depression-Happiness Scale' (DHS)

C-A/h/sq/v/3/a

Selfreport on single question:

"How do you feel about what you have accomplished in life...?"

3 well satisfied
2 reasonable satisfied
1 dissatisfied:

C-BW/c/sq/l/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)

M-AO*/mqr*/0/a

Various self reports and informant rating

A Selfreport on five questions repeated three times during semester:

- a In most ways my life is close to ideal
- b The conditions of my life are excellent
- c I am satisfied with my life
- d So far, I have gotten the important things I want in life
- e If I could live my life over, I would change nothing

Answers rated: 7 strongly agree ...1 strongly disagree
(Diener's Satisfaction With Life Scale, SWLS)

B Selfreport on 24 questions:

How much of each mood did you experience in the last month?

BA LOVE

- a Affection
- b love
- c caring
- d fondness

BB JOY

- a joy
- b happiness
- c contentment
- d pride

BC FEAR

- a fear
- b worry
- c anxiety
- d nervous

BD ANGER

- a anger
- b irritation
- c disgust
- d rage

BE SHAME

- a shame
- b guilt
- c regret
- d embarrassment

BF SADNES

- a sadness
- b loneliness
- c unhappiness
- d depression

Rated: 0 = not at all6 extremely much

Summation: balance score $(BA+BB)/2 - (BC+BD+BE+BF)/4$

C Rating of B by five informants

D Selfreport of daily affect on B

Summation: z-scores

- M-FH/cm/sq/v/5/a Selfreport on single question:
How would you rate the last month of your life. Was it a happy or an unhappy time for you.....?
5 very happy time
4 fairly happy time
3 happy nor unhappy
2 rather unhappy time
1 very unhappy time
- M-TH/g/sq/v/3/d Selfreport on single question:
I feel.....
3 rarely unhappy
2 rather often unhappy
1 very often unhappy.
- M-TH/g/sq/v/4/b Selfreport on single question:
Moments that I feel happy I have.....
4 often
3 not too often
2 seldom
1 never
- M-TH/g/sq/v/5/b Self report on single question:
"How often do you feel that you are really enjoying life? Would you say.....?"
5 very often
4 fairly often
3 occasionally
2 rarely
1 never
- O-DT/u/sq/f/7/a Selfreport on single question:
Which face comes closest to expressing feeling about life as a whole?
7 delighted
6 nvery satisfying
5 satisfying
4 mixed
3 dissatisfying
2 very dissatisfying
1 terrible
- No opinion
- Name: Andrews & Withey's "Delighted-Terrible Scale" (modified version)

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

Selfreport on single question:

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

Name: Andrews & Withey's `Delighted-Terrible Scale' (original version)

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-H?/?/oq/?/0/a

Selfreport on single question:

Open question on happiness.

Text not reported.

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

Selfreport on single question:

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

3 very happy

2 pretty happy

1 not too happy

O-HL/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/c/sq/v/5/c

Selfreport on single question:

"Taking all things together, how would you say you are these days.....?"

5 extremely happy

4 very happy

3 happy

2 pretty happy

1 not too happy

O-HL/c/sq/v/5/h

Selfreport on single question

'How happy are you now?'

5 very happy

4 happy

3 neither happy nor unhappy

2 unhappy

1 very unhappy

Original text in Danish:

'Hvor lykkelig er du for tiden?'

5 meget lykkelig

4 lykkelig

3 hverken eller

2 ullykkelig

1 meget ullykkelig

O-HL/u/sq/v/3/a

Selfreport on single question:

"Taking all together: how happy would you say you are? Would you say you are.....?"

3 very happy

2 pretty happy

1 not too happy

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

Selfreport on single question:

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

4 very happy

3 fairly happy

2 not very happy

1 very unhappy

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-HP/g/sq/ol/7/a

Selfreport on single question:

"Generally speaking are you a happy person.....?"

Responses were made on an open line scale, and were later coded in 7 categories:

1 very unhappy

2

3

4

5

6

7 very happy.

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

Selfreport on single question

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

5 very happy

4 happy

3 neither happy nor unhappy

2 not very happy

1 unhappy

O-QLS/c/sq/v/5/b

Selfreport on single question:

'How would you rate the quality of your life at present? Would you say it is ..

5 excellent

4 very good

3 good

2 fair

1 poor

O-QOL/cm/sq/v/5/a Selfreport on single question:

We ask you to think about your life in the last two weeks.....

How would you rate your quality of life?

1 very poor

2 poor

3 neither poor nor good

4 good

5 very good

Item 1 in WHOQOL-Bref

O-SLL/c/sq/v/5/b Selfreport on single question:

How satisfied are you with the life you lead these days.....?

5 very satisfied

4 fairly satisfied

3 neither satisfied nor dissatisfied

2 rather dissatisfied

1 very dissatisfied

O-SLS/c/sq/f/7/a Selfreport on single question:

When you're not only thinking of your job, but of your total present situation (house, prices, health, love, politics, neighbors, etc.), how satisfied are you with your life as-a-whole? Please mark the appropriate face below.

Rated on pictorial scale, consisting of seven smilies, expressing variations from very dissatisfied (a) to very satisfied (g) (Kunin's 'Faces scale') Pictures not reproduced here).

1 unhappy face

.

.

4 neutral face

.

.

7 happy face

Item in the "Arbeitsbeschreibungsbogen" (job-description questionnaire).

O-SLu/c/sq/v/5/e	Selfreport on single question: 'How satisfied are you with your life now?' 5 very satisfied 2 satisfied 3 neither satisfied nor dissatisfied 2 dissatisfied 1 very dissatisfied Original text in Danish: 'Hvor tilfreds er du med dit liv for tiden?' 5 meget tilfreds 4 tilfreds 3 hverken tilfreds eller utilfreds 2 utilfreds 1 meget utilfreds
O-SLW/?/sq/v/3/b	Selfreport on single question: ".....satisfaction with overall life....." (Full questions not reported) 3 very satisfied 2 fairly satisfied 1 not satisfied - NA
O-SLW/u/sq/v/5/a	Selfreport on single question: "On the whole, are you satisfied with your life.....?" 5 definitely yes 4 rather yes 3 don't know 2 rather no 1 definitely no - no reply
O-SQL/c/sq/v/5/b	Selfreport on single question: How satisfied are you the quality of your life these days? 1 very dissatisfied 2 dissatisfied 3 neither nor 4 satisfied 5 very satisfied Numbering reversed in original rating scale

O-Sum/c/mq/v/5/a Selfreport on 3 questions:

A When you consider your present life as-a-whole, would you say you are....?

- 5 very happy
- 4 fairly happy
- 3 rather happy than unhappy
- 2 rather unhappy than happy
- 1 very unhappy
- DK/NA

B When you consider your present life as-a-whole, would you say you are.....?

- 5 very satisfied
- 4 fairly satisfied
- 3 rather satisfied than dissatisfied
- 2 rather dissatisfied than satisfied
- 1 fairly dissatisfied
- DK/NA

C How do you feel right now? Is your well-being.....?

- 5 very high
- 4 high
- 3 moderate
- 2 rather low
- 1 very low
- DK/NA

Summation: The summed scores were divided in three strata: low, medium and high quality of life

O-Sum/cy/mq/v/7/a Selfreport on four questions:

Using the 1-7 scale below, indicate how much each of the following statements applies for you in the last 18 months.

- A In most ways my life is close to ideal
- B The conditions of my life are excellent
- C I am satisfied with my life
- D So far, I have gotten the important things I want in life

Answers rated:

- 7 applies completely
- 6 applies
- 5 applies slightly
- 4 neither applies nor does not apply
- 3 slightly not applicable
- 2 not applicable
- 1 applies not at all

Computation: A+B+C+D divided by 4

Name: Shortened Diener's Satisfaction with Life Scale (SWLS), last years version
(In the original scale item 5 reads: 'If I could live my life over, I would change nothing').

This item is left out in this selection because a positive answer to this question does not necessarily mean that the respondent doesn't like the life he/she actually lives.)

Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
B	<p>REGRESSION COEFFICIENT (non-standardized) by LEAST SQUARES (OLS) Type: test statistic Measurement level: Correlate: metric, Happiness: metric Theoretical range: unlimited</p> <p>Meaning: $B > 0$ A higher correlate level corresponds with, on an average, higher happiness rating. $B < 0$ A higher correlate level corresponds with, on an average, lower happiness rating. $B = 0$ Not any correlation with the relevant correlate.</p>
Beta	<p>(β) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS) Type: test statistic. Measurement level: Correlates: all metric, Happinessl: metric. Range: [-1 ; +1]</p> <p>Meaning: $\beta > 0$ « a higher correlate level corresponds with, on an average, higher happiness rating. $\beta < 0$ « a higher correlate level corresponds with, on an average, lower happiness rating. $\beta = 0$ « no correlation. $\beta = + 1$ or -1 « perfect correlation.</p> <p>Remark: Mean of observations is subtracted from all observations if standardized.</p>
C	<p>Pearson's CONTINGENCY COEFFICIENT Type: test statistic Measurement level: Correlate: nominal, Happinessl: ordinal Range: $[0; \text{SQRT}(1-1/s)]$, where s = the lesser of c and r, the number of columns and rows respectively.</p> <p>Meaning: $C = 0$ « no association. $C = \text{SQRT}(1-1/s)$ « strongest possible association</p>

DM	<p>DIFFERENCE of MEANS Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric 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 Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric 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) Type: test statistic Measurement level: Correlate: nominal or ordinal, Happiness: metric Range: [0; 1]</p> <p>Meaning: correlate is accountable for E² x 100 % of the variation in happiness. E² = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating. E² = 1 « knowledge of the correlate value enables an exact prediction of the happiness rating</p>
G	<p>GOODMAN & Kruskal's GAMMA Type: test statistic Measurement level: Correlate: ordinal, Happiness!: ordinal Range: [-1; +1]</p> <p>Meaning: G = 0 « no rank correlation G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings. G = -1 « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.</p>
Gs	<p>PARTIAL GAMMA. See: GAMMA Range: [-1, +1]. Seldom used in happiness research. See excerpted report.</p>
MCT	<p>Multiple Comparison Test, variant not specified. Possible variants: Scheffe, Tukey, Student/Newman/Keuls, Bonferoni (BMCT)</p>

OR	<p>ODDS RATIO Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness level: dichotomous Range: nonnegative unlimited</p> <p>Meaning: OR = 1 « no association at all; OR = 0 or infinite « at least one level of the correlate allows an error-free prediction of the happiness.</p>
r	<p>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]</p> <p>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.</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</p> <p>Type: test statistic.</p> <p>Measurement level: Correlate: nominal, Happiness: ordinal</p> <p>Range: $[0 ; \sqrt{[\min(r,c)-1]/[\max(r,c) - 1]}]$, c and r being the numbers of columns resp. rows in a cross tabulation.</p> <p>Meaning:</p> <p>T = 0 « no association</p> <p>T -> 1 « strongest possible association.</p> <p>NOTE: sometimes the square value is reported instead !</p>
tau	<p>GOODMAN & Kruskal's TAU</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: nominal, Happiness: ordinal</p> <p>Range: [0; +1]</p> <p>Meaning:</p> <p>tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.</p> <p>tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.</p>
tb	<p>KENDALL'S RANK CORRELATION COEFFICIENT TAU-B</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: ordinal, Happiness: ordinal</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p>tb = 0 « no rank correlation</p> <p>tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.</p> <p>tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.</p>
V	<p>CRAMÉR'S V</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: nominal, Happiness: ordinal</p> <p>Range: [0; 1]</p> <p>Meaning:</p> <p>V = 0 « no association</p> <p>V = 1 « strongest possible association</p>

ZZZZZ

CRAMÉR'S V

Type: test statistic

Measurement level: Correlate: nominal, Happiness: ordinal

Range: [0; 1]

Meaning:

V = 0 « no association

V = 1 « strongest possible association

Appendix 3: About the World Database of Happiness

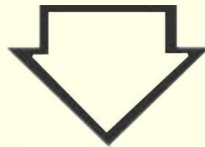
Structure of the collections

The World Database of Happiness is an ongoing register of scientific research on the subjective enjoyment of life.

It brings together findings that are scattered throughout many studies and provides a basis for synthetic work.

World literature on Happiness

Selection on subject



Bibliography and Directory

Selection of empirical studies



Selection on valid measurement: Item

Bank

Abstracting and classification of findings



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

What goes together with happiness
Correlational Findings



Listing of comparable findings in Nations



States of Nations , Trends in Nations

Size of the collections

1226 Happiness measures (Item Bank)

4258 Nations surveys in 206 Nations
 149 Distinguished publics in 1199 studies
 12032 Correlational findings in 1196 studies

Appendix 4 Further Findings in the World Database of Happiness

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

F5	FREEDOM	32
F6	FRIENDSHIP	152
G1	GENDER	370
G2	GRIEF	1
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS: VIEWS ON HAPPINESS	49
H4	HAPPINESS: DISPERSION OF HAPPINESS	10
H5	HAPPINESS: CAREER	191
H6	HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES	310
H7	HAPPINESS OF OTHERS	0
H8	HAPPINESS: REPUTATION OF HAPPINESS	19
H9	HEALTH-BEHAVIOR	25
H10	HELPING	5
H11	HOPE	8
H12	HOUSEHOLD: COMPOSITION	137
H13	HOUSEHOLD: WORK	32
H14	HOUSING	106
I1	INCOME	552
I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	71
I4	INTERESTS	8
I5	INTERVIEW	73
I6	INTIMACY	103
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	206
L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	86
L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	22
L10	LOCAL ENVIRONMENT	374
L11	LOTTERY	8
L12	LOVE-LIFE	31
M1	MARRIAGE: MARITAL STATUS CAREER	64
M2	MARRIAGE: CURRENT MARITAL STATUS	543
M3	MARRIAGE: RELATIONSHIP	115

M4	MARRIAGE: PARTNER	46
M5	MEANING	23
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	218
M8	MIGRATION: TO OTHER COUNTRY	29
M9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
N1	NATION: NATIONALITY	29
N2	NATION: ERA (temporal period)	41
N3	NATION: NATIONAL CHARACTER (modal personality)	29
N4	NATION: CONDITION IN ONE'S NATION	430
N5	NATION: POSITION OF ONE'S NATION	1
N6	NATION: ATTITUDES TO 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

Subject

Related Subject(s)

P13	PSYCHO-SOMATIC COMPLAINTS	M7	MENTAL HEALTH
P13	PSYCHO-SOMATIC COMPLAINTS	P6	PHYSICAL HEALTH
P13.1	Psycho-somatic career	L4.7.1	Life-stress inventories
P13.2	Current psycho-somatic complaints	M13.3.9	Feeling secure (vs threatened)
P13.2	Current psycho-somatic complaints	M13.3.13	Feeling tranquil (vs restless)
P13.2.1	Current physical complaints	P6.2.2.3	. number of health complaints
P13.2.1	Current physical complaints	P6.2.3.1	. fatigue
P13.2.1	Current physical complaints	P6.2.3.2	. pain
P13.2.2	Current mental complaints	M7.2.2.2	. scores on symptom inventories
P13.2.2	Current mental complaints	M7.2.2.3	. feels close to mental breakdown

A report of the World Database of Happiness, Correlational Findings