

World Database of Happiness



Correlational Findings on Happiness and PERSONALITY: HISTORY Subject Code: P1

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Classification of Findings

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
P1	PERSONALITY: HISTORY	0
P1.1	Earlier personality organization	2
P1.2	Earlier personality traits	4
P1.2.5	Earlier tendency to agree	1
P1.2.7	Earlier anxiety	1
P1.2.8	Earlier assertiveness	1
P1.2.9	Earlier approval seeking	1
P1.2.14	Earlier cleverness	1
P1.2.16	Earlier conscientiousness	2
P1.2.17	Earlier sense of coherence	1
P1.2.36	Earlier emotionality	1
P1.2.40	Earlier fail-anxiety	1
P1.2.54	Earlier independence	1
P1.2.57	Earlier inhibition	1
P1.2.58	Earlier inner-control	11
P1.2.76	Earlier openness	0
P1.2.77	Earlier optimism	2
P1.2.81	Earlier persistence	2
P1.2.85	Earlier positive thinking	2
P1.2.89	Earlier resignation	1
P1.2.96	Earlier need for self-actualization	2
P1.2.100	Earlier self-confidence	4

P1.2.101	Earlier self-disclosing	1
P1.2.108	Earlier hurriedness	1
P1.2.109	Earlier stability	1
P1.2.113	Earlier tolerance	1
P1.2.115	Earlier trust in people	1
P1.2.117	Earlier vigor	1
Appendix 1	Happiness Items used	
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Appendix 4	Further Findings in the World Database of Happiness	
Appendix 5	Related Subjects	

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World Database of Happiness, Correlational Findings
Internet: worlddatabaseofhappiness.eur.nl
Erasmus University Rotterdam, 2009, Netherlands

Correlational finding on Happiness and Earlier personality organization

Subject code: P1.1

Study **KAHN 1985**

Reported in: Kahn, S.; Zimmermann, G.; Csikszentmihalyi, M.; Getzels, J.W.
Relation Between Identity in Young Adulthood and Intimacy at Midlife.
Journal of Personality and Social Psychology, 1985, Vol. 49, 1316 - 1322. ISSN 0022
3514
Page in Report: 1320

Population: Alumni artschool followed 18 years, USA, 1963-81

Sample:

Non-Response: 75%

N: 71

Correlate

Authors label: Earlier Identity (1)

Our classification: Earlier personality organization, code P1.1

Measurement: 7-point bipolar choice semantic differential, based on the Eriksonian model.
Assessed at T1 (18 yrs ago)

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-SLW/c/sq/n/7/a

r=+

Happiness assessed at T2
Females : r = +.17 (ns)
Males : r = +.27 (01)

Correlational finding on Happiness and Earlier personality organization

Subject code: P1.1

Study SEARS 1977A

Reported in: Sears, P.S.; Barbee, A.H.
 Career and Life Satisfaction among Terman Gifted Women.
 Stanley, J.C.; George, W.C.; Eds.: "The Gifted and the Creative", J. Hopkins University
 Press, 1977, Baltimore, USA, 28 - 72
 Page in Report: 40-62/4

Population: "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

Sample: Non-probability purposive sample

Non-Response: Attrition in 1972: 25%

N: 671

Correlate

Authors label: Earlier integration (around age 30) (1)

Our classification: Earlier personality organization, code P1.1

Measurement: Ratings of Ss personality.

- Parent rating
 - a. in 1940
- Self rating
 - b. in 1940
 - c. in 1950

Remarks: Earlier integration (1940, 1950) by present happiness (1972). Subjects age in 1972 about 62.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	a.
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M-PL/h/sq/v/5/b Chi²= ns a .

M-PL/h/sq/v/5/b Chi²= ns b .

C-ASG/h/mq/v/5/a AoV= ns b .

M-PL/h/sq/v/5/b Chi²= ns c .

C-ASG/h/mq/v/5/a AoV= ns c .

Correlational finding on Happiness and Earlier personality traits

Subject code: P1.2

Study MUSSE 1980

Reported in: Mussen, P.; Eichorn, D.H.; Honzik, M.P.; Bieber, S.L.; Meredith, W.M.
Continuity and Change in Womens Characteristics over Four Decades.
International Journal of Behavioral Development, 1980, Vol. 3, 333 - 347. ISSN 0165
0254
Page in Report: 342

Population: Mothers, followed from age 30 to 70, Berkeley, USA, 1930-70

Sample:

Non-Response:

N: 81

Correlate

Authors label: Personality (1)

Our classification: Earlier personality traits, code P1.2

Measurement: Both personality and happiness were assessed at age 30 and age 70.
Ratings were made on 7 point scales by independent interviewers.
21 characteristics were subjected to a factor analysis, from which the following three factors appeared:

- Stationary or common factors at ages 30 and 70:
 1. Open minded, accurate thinking
 2. Unworried, satisfied, self-assured
 3. Exitable, energetic, talkative, restless
- Factors unique to age 30:
 4. Interested in child, uncritical to child, talkative
 5. Intelligence, interested in child
- Factors unique to age 70:
 6. Good use of language, worrisome, restless, high self esteem
 7. Intelligent, interested in child, uncritical of child
 8. Talkative, critical

Remarks: Guidance group only (N=58)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-CP/g/fi/n/7/a</u>	<u>$r=+.07$</u> <u>ns</u>	1
<u>O-SLC/g/fi/v/7/b</u>	<u>$r=+.05$</u> <u>ns</u>	1
<u>O-SLC/g/fi/v/7/b</u>	<u>$r=+.37$</u> <u>$p<.05$</u>	2
<u>A-CP/g/fi/n/7/a</u>	<u>$r=+.33$</u> <u>ns</u>	2
<u>O-SLC/g/fi/v/7/b</u>	<u>$r=+.17$</u> <u>ns</u>	3

<u>A-CP/g/fi/n/7/a</u>	<u>r=+.31</u>	3
<u>A-CP/g/fi/n/7/a</u>	<u>r=+.01</u> <u>ns</u>	4
<u>O-SLC/g/fi/v/7/b</u>	<u>SNR=</u>	4
<u>A-CP/g/fi/n/7/a</u>	<u>r=-.20 ns</u>	5
<u>O-SLC/g/fi/v/7/b</u>	<u>r=+.11</u> <u>ns</u>	5
<u>O-SLC/g/fi/v/7/b</u>	<u>r=+.13</u> <u>ns</u>	6
<u>A-CP/g/fi/n/7/a</u>	<u>r=+.10</u> <u>ns</u>	6
<u>A-CP/g/fi/n/7/a</u>	<u>r=-.29 ns</u>	7
<u>O-SLC/g/fi/v/7/b</u>	<u>r=-.08 ns</u>	7
<u>A-CP/g/fi/n/7/a</u>	<u>r=-.08 ns</u>	8
<u>O-SLC/g/fi/v/7/b</u>	<u>r=-.23 ns</u>	8

Correlational finding on Happiness and Earlier personality traits

Subject code: P1.2

Study SCHAE 1963/2

Reported in: Schaefer, E.S.; Bailey, N.
Maternal Behavior, Child Behavior and Their Intercorrelation.
Monographs of the Society for Research in Child Development, Serial no. 87, 1963,
Vol. 28, 3 - 127
Page in Report: 107

Population: Girls, followed from age 0 to 18, Berkely, California, USA, 1929-47

Sample:

Non-Response:

N: 19

Correlate

Authors label: Personality in childhood (age 2 to 8) (1)

Our classification: Earlier personality traits, code P1.2

Measurement: Expert ratings on the basis of observation of behavior in various test-situations. Rated on bi-polar 7 point rating scales.
Subjects were rated 14 times between 27-96 months of age. Personality ratings were combined for the following periods: 27+30 /33+36 /42+48 / 54+60 / 60+72 /78+84 /90+96.

1. Friendliness
3 item index
 - initial response to situation
(negative-friendly)
 - secondary response to situation
(negative-friendly)
 - attitude to task
(unwilling-eager)
2. Cooperativeness
2 item index
 - variability in cooperation
(variable-consistent)
 - attention to instructions
(attentive-alert)
3. Attentiveness
3 item index
 - external distraction
(distractible-single minded)
 - association
(flightly-controlled)
 - maintenance of effort
(easily discouraged-persistent)
4. Facility
3 item index
 - comprehension of task
(slow-swift)

- verbal response
(vague-definite)
- method of [performance
(random-systematic)

Remarks: Happiness as assessed in adolescence (age 12-18)

Personality as assessed in childhood (age 2 -8)

month of personality assessment	correlation with adolescent happiness
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Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-Sum/g/rc/v/7/a</u>	<u>mr=+.20</u>	1. friendliness 27-30 r=+.13 (ns) 33-36 r=+.08 (ns) 42-48 r=+.18 (ns) 54-60 r=+.34 (ns) 66-72 r=+.13 (ns) 78-84 r=+.37 (ns) 90-96 r=+.13 (ns)
<u>A-CP/g/fi/v/7/a</u>	<u>mr=+.04</u>	1. friendliness 27-30 r=-.11 (ns) 33-36 r=-.22 (ns) 42-48 r=-.04 (ns) 54-60 r=+.11 (ns) 66-72 r=+.05 (ns) 78-84 r=+.27 (ns) 90-96 r=+.22 (ns)

<u>A-CP/g/fi/v/7/a</u>	<u>mr=-.18</u>	2. Cooperativeness	
		27-30	r=-.11 (ns)
		33-36	r=-.39 (ns)
		42-48	r=-.38 (ns)
		54-60	r=-.22 (ns)
		66-72	r=-.21 (ns)
		78-84	r=+.18 (ns)
		90-96	r=-.14 (ns)

<u>O-Sum/g/rc/v/7/a</u>	<u>mr=-.01</u>	2. Cooperativeness	
		27-30	r=+.04 (ns)
		33-36	r=-.13 (ns)
		42-48	r=-.05 (ns)
		54-60	r=-.02 (ns)
		66-72	r=-.08 (ns)
		78-84	r=+.34 (ns)
		90-96	r=-.19 (ns)

<u>A-CP/g/fi/v/7/a</u>	<u>mr=-.17</u>	3. Attentiveness	
		27-30	r=-.09 (ns)
		33-36	r=-.36 (ns)
		42-48	r=-.41 (ns)
		54-60	r=-.26 (ns)
		66-72	r=-.16 (ns)
		78-84	r=+.19 (ns)
		90-96	r=-.08 (ns)

<u>O-Sum/g/rc/v/7/a</u>	<u>mr=+.06</u>	3. Attentiveness	
		27-30	r=+.30 (ns)
		33-36	r=-.18 (ns)
		42-48	r=-.17 (ns)
		54-60	r=+.08 (ns)
		66-72	r=+.08 (ns)
		78-84	r=+.47 (05)
		90-96	r=-.19 (ns)

<u>A-CP/g/fi/v/7/a</u>	<u>mr=+.04</u>	4. Facility	
		27-30	r=-.12 (ns)
		33-36	r=-.01 (ns)
		42-48	r=-.04 (ns)
		54-60	r=+.06 (ns)
		66-72	r=+.04 (ns)
		78-84	r=+.24 (ns)
		90-96	r=+.08 (ns)

<u>O-Sum/g/rc/v/7/a</u>	<u>mr=+.17</u>	4. Facility	
		27-30	r=+.02 (ns)
		33-36	r=+.05 (ns)
		42-48	r=+.06 (ns)
		54-60	r=+.34 (ns)
		66-72	r=+.10 (ns)
		78-84	r=+.40 (ns)
		90-96	r=+.20 (ns)

Correlational finding on Happiness and Earlier personality traits

Subject code: P1.2

Study SEARS 1977A

Reported in: Sears, P.S.; Barbee, A.H.
 Career and Life Satisfaction among Terman Gifted Women.
 Stanley, J.C.; George, W.C.; Eds.: "The Gifted and the Creative", J. Hopkins University
 Press, 1977, Baltimore, USA, 28 - 72
 Page in Report: 40-62/4

Population: "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

Sample: Non-probability purposive sample

Non-Response: Attrition in 1972: 25%

N: 671

Correlate

Authors label: Earlier personality (1)

Our classification: Earlier personality traits, code P1.2

- Measurement:*
- Intellectual traits.
 - a. 1922
 - b. 1928
 - Volitional traits.
 - c. 1922
 - d. 1928

Remarks: Earlier traits (1922, 1928) by present happiness (1972).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	a.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	a.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	b.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	b.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	c.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	c.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	d.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	d.

Correlational finding on Happiness and Earlier personality traits
Subject code: P1.2

Study SEARS 1977A

Reported in: Sears, P.S.; Barbee, A.H.
Career and Life Satisfaction among Terman Gifted Women.
Stanley, J.C.; George, W.C.; Eds.: "The Gifted and the Creative", J. Hopkins University
Press, 1977, Baltimore, USA, 28 - 72
Page in Report: 40-62/4

Population: "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

Sample: Non-probability purposive sample

Non-Response: Attrition in 1972: 25%

N: 671

Correlate

Authors label: Traits around age 30 (1)

Our classification: Earlier personality traits, code P1.2

Measurement:

- Feelings of inferiority
 - a. parent rating 1940
 - b. self rating 1940
 - c. self rating 1950

- Persistence
 - d. parent rating 1940
 - e. self rating 1940
 - f. self rating 1950

- Integration
 - g. parent rating 1940
 - h. self rating 1940
 - i. self rating 1950

Remarks: Earlier ratings (1940, 1950) by present happiness (1972).
Subjects age in 1972 about 62.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV=-</u> <u>p<.00</u>	a.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	a.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	b.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV=-</u> <u>p<.00</u>	b.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	c.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	c.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	d.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	d.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	e.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	e.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV=+</u> <u>p<.05</u>	f.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	f.

C-ASG/h/mq/v/5/a AoV= ns g .

M-PL/h/sq/v/5/b Chi²= ns g .

C-ASG/h/mq/v/5/a AoV= ns h .

M-PL/h/sq/v/5/b Chi²= ns h .

C-ASG/h/mq/v/5/a AoV= ns i .

M-PL/h/sq/v/5/b Chi²= ns i .

Correlational finding on Happiness and Earlier self-confidence

Subject code: P1.2.100

Study BRAY 1980

Reported in: Bray, D.W.; Howard, A.
Career Success and Life-Satisfactions of Middle Aged Managers.
Bond, L.A.; Rosen, J.C.; Eds.: "Competence and Coping during Adulthood", University
Press of New England, 1980, London, UK, 258 - 287 ISBN: 0 8745 11 593
Page in Report: 278

Population: 40+ aged, male managers, Bell Telephone Company, 1978

Sample: Non-probability purposive-quota sample

Non-Response: panel loss at T5: 37%

N: 422

Correlate

Authors label: earlier selfconfidence (1)

Our classification: Earlier self-confidence, code P1.2.100

Measurement: Guilford-Martin Inventory of Factors: GAMIN-I scale.
 This inventory reflects on characteristics of a positive self-concept.
 This sub-scale in particular reflects lack on inferiority feelings. High scorers believe they can cope with most situations, and that people will treat them well. They feel worthy as individuals without the approval of others.

Assessed at T1 (20 years before T5).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-PL/c/rc/v/5/a</u>	<u>r=+.35</u> <u>p<.01</u>	T1 selfconfidence by T5 happiness Later analysis of the full study-group (N=266) also showed a significantly positive correlation (BRAY 1983 p 303).

Correlational finding on Happiness and Earlier self-confidence

Subject code: P1.2.100

Study MUSSE 1980/1

Reported in: Mussen, P.; Eichorn, D.H.; Honzik, M.P.; Bieber, S.L.; Meredith, W.M.
 Continuity and Change in Womens Characteristics over Four Decades.
 International Journal of Behavioral Development, 1980, Vol. 3, 333 - 347. ISSN 0165 0254
 Page in Report: 342

Population: Mothers, followed from age 30 to 70, Berkeley USA, 1928-68

Sample:

Non-Response:

N: 53

Correlate

Authors label: Unworrysome; satisfied; self-assured (1)

Our classification: Earlier self-confidence, code P1.2.100

Measurement: Personality factor that appears in an analysis of ratings by two interviewers on 71 personality-social characteristics.
This factor appeared in young adulthood (T1: age 30) as well as in old age (T2: age 70). Correlation over this 40-year-period is +.34 .

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

[A-CP/g/fi/v/7/a](#)

r=+.33
ns

Happiness assessed at T1 and T2 load similarly on this factor.

Correlational finding on Happiness and Earlier self-confidence Subject code: P1.2.100

Study

SEARS 1977A

Reported in: Sears, P.S.; Barbee, A.H.
Career and Life Satisfaction among Terman Gifted Women.
Stanley, J.C.; George, W.C.; Eds.: "The Gifted and the Creative", J.Hopkins University Press, 1977, Baltimore, USA, 28 - 72
Page in Report: 40-62/4

Population: "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

Sample: Non-probability purposive sample

Non-Response: Attrition in 1972: 25%

N: 671

Correlate

Authors label: Earlier inferiority (around age 30) (1)

Our classification: Earlier self-confidence, code P1.2.100

Measurement: Ratings of Ss feeling of inferiority.

Parent rating
a. in 1940

Self ratings
b. in 1940
c. in 1950

Remarks: Earlier ratings (1940, 1950) by present happiness (1972).
Subjects age in 1972 about 62.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV=-</u> <u>p<.00</u>	a.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	a.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²=-</u> <u>p<.00</u>	b.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV=-</u> <u>p<.00</u>	b.
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²=-</u> <u>p<.03</u>	c.
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	c.

Correlational finding on Happiness and Earlier self-confidence
Subject code: P1.2.100

Study WESSM 1966/2

Reported in: Wessman, A.E.;Ricks, D.F.
Mood and Personality.
Holt, Rinehart and Wilson, 1966, New York, USA. ISBN 03 0541 151 8
Page in Report: 117

Population: Male college students, followed 3 years, Harvard University, USA, 1957-60

Sample: Non-probability chunk sample

Non-Response: 37%: 9 dropouts, incomplete; about the same happiness distribution.

N: 17

Correlate

Authors label: Earlier self-esteem (1)

Our classification: Earlier self-confidence, code P1.2.100

Measurement: Index of agree / disagree statements, indicative of a successful life, self- confidence, success in achieving goals, etc.
Assessed two years earlier.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-ARE/md/sqr/v/10/a</u>	<u>$r=+.50$</u> <u>$p<.05$</u>	

Correlational finding on Happiness and Earlier self-disclosing

Subject code: P1.2.101

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

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

*Sample:**Non-Response:* 18%*N:* 296

Correlate

Authors label: Tolerance degree (1)*Our classification:* Earlier self-disclosing, code P1.2.101*Measurement:* 8 item additive index about willingness to discuss delicate matters. Each rated on a 5-point scale.

Typical items are:

- It is incomprehensible that people reveal their marriage problems.
- These days people talk easily about their problems.
- You have to solve your own problems without complaining.

Assessed at T2(1976)

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=+.03</u> <u>ns</u>	T2 happiness by T2 tolerance degree
<u>A-BB/cw/mq/v/4/c</u>	<u>r=+.12</u> <u>p<.05</u>	T3 happiness by T2 tolerance degree

Correlational finding on Happiness and Earlier hurriedness
Subject code: P1.2.108

Study COSTA 1980/1

Reported in: Costa, P.T.; Mc Crae, 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: 672-673

Population: 35-85 aged white males (largely veterans), USA, 1976

Sample:

Non-Response: T1:21%; T2:18%; T3:27%; T4:46%

N: 1100

Correlate

Authors label: Tempo (2)

Our classification: Earlier hurriedness, code P1.2.108

Measurement: 5-item indexes from the EASI-III Temperament Survey (Buss & Plomin, 1975:241-242)

1. I usually seem to be in a hurry
2. For relaxation I like to slow down (rev)
3. I like to be off, as soon as I wake up
4. I like to keep busy all the time
5. My life is fast paced

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

r=+.13

p<.01

Hedonic level assessed at T1, T2, T3, and T4 (3 month-intervals). Tempo at T2.

Correlations with hedonic level at:

T1: r = +.08 (05)

T2: r = +.10 (001)

T3: r = +.08 (05)

T4: r = +.10 (01)

Sum: r = +.13 (01)

PAS: r(mean) = +.18

NAS: r(mean) = +.04

Correlational finding on Happiness and Earlier stability

Subject code: P1.2.109

Study **BRAY 1980**

Reported in: Bray, D.W.; Howard, A.
Career Success and Life-Satisfactions of Middle Aged Managers.
Bond, L.A.; Rosen, J.C.; Eds.: "Competence and Coping during Adulthood", University
Press of New England, 1980, London, UK, 258 - 287 ISBN: 0 8745 11 593
Page in Report: 278

Population: 40+ aged, male managers, Bell Telephone Company, 1978

Sample: Non-probability purposive-quota sample

Non-Response: panel loss at T5: 37%

N: 422

Correlate

Authors label: earlier emotional stability (1)

Our classification: Earlier stability, code P1.2.109

Measurement: Guilford-Martin Inventory of Factors GAMIN-N scale,
This inventory reflects on characteristics of a positive self-concept.
This sub-scale in particular contains items reflecting lack of nervousness and possession of a steady temperament.

Assessed at T1 (20 years before T5).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-PL/c/rc/v/5/a</u>	<u>r=+.31</u> <u>p<.01</u>	T1 emotional stability by T5 happiness. Later analysis of full study-group show also a significantly positive correlation. (BRAY 1983: 302).

Correlational finding on Happiness and Earlier tolerance

Subject code: P1.2.113

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: Social distance (1)

Our classification: Earlier tolerance, code P1.2.113

Measurement: A mean of three items asking the respondent how much he would mind having close contact with people of a different race. A high score indicates a large social distance. Assessed at T3, T4 and T5.

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

tau=-

Social distance

Happiness	T3	T4	T5
T1	tau = -.05	-.01	-.02
T2	tau = -.04	-.01	-.03
T3	tau = -.07	-.02	-.04
T4	tau = -.08 (05)	-.06	-.06
All tau's not significant, unless indicated otherwise			
T1:1966, T2:1968, T3:1969, T4:1970, T5:1974			

Correlational finding on Happiness and Earlier trust in people

Subject code: P1.2.115

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: Trust in people (1)

Our classification: Earlier trust in people, code P1.2.115

Measurement: 6-item index of closed questions on trust in people, assessed at T1, T2, T3 and T4. Scale: 1.00 = low trust to 2.00 = high trust

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

tau=+

Trust in people

p<.s

Happiness	T1	T2	T3	T4
T1	+ .16	+ .14	+ .08 (05)	+ .08 (05)
T2	+ .13	+ .23	+ .21	+ .17
T3	+ .12 (01)	+ .15	+ .19	+ .15
T4	+ .08 (05)	+ .10 (01)	+ .14	+ .21

All significant with (001) unless indicated otherwise
T1:1966, T2:1968, T3:1969, T4:1970

Correlational finding on Happiness and Earlier vigor

Subject code: P1.2.117

Study COSTA 1980/1

Reported in: Costa, P.T.; Mc Crae, 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: 672-673

Population: 35-85 aged white males (largely veterans), USA, 1976

Sample:

Non-Response: T1:21%; T2:18%; T3:27%; T4:46%

N: 1100

Correlate

Authors label: Vigor (2)

Our classification: Earlier vigor, code P1.2.117

Measurement: 5-item indexes from the EASI-III Temperament Survey (Buss & Plomin, 1975:241-242)

1. I like to wear myself out
2. I often feel sluggish (rev)
3. I often feel busting with energy
4. When I do things I do them vigorously
5. My movements are forceful and emphatic

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

r=+.28

p<.001

Correlations with hedonic level at:

T1: r = +.19 (001)

T2: r = +.20 (001)

T3: r = +.18 (001)

T4: r = +.24 (001)

Sum: r = +.28 (001)

PAS: r(mean) = +.25

NAS: r(mean) = -.07

Correlational finding on Happiness and Earlier cleverness

Subject code: P1.2.14

Study MUSSE 1980/1

Reported in: Mussen, P.; Eichorn, D.H.; Honzik, M.P.; Bieber, S.L.; Meredith, W.M. Continuity and Change in Womens Characteristics over Four Decades. International Journal of Behavioral Development, 1980, Vol. 3, 333 - 347. ISSN 0165 0254
Page in Report: 342

Population: Mothers, followed from age 30 to 70, Berkeley USA, 1928-68

Sample:

Non-Response:

N: 53

Correlate

Authors label: Intelligent; interested in child (1)

Our classification: Earlier cleverness, code P1.2.14

Measurement: Personality factor that appears in an analysis of ratings by two interviewers on 71 personality-social characteristics.
This factor only appeared in young adulthood (T1: age 30).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
O-SLC/g/fi/v/7/b	r=-.11 ns	

Correlational finding on Happiness and Earlier conscientiousness

Subject code: P1.2.16

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: Conscientiousness (2)

Our classification: Earlier conscientiousness, code P1.2.16

Measurement: Index of closed questions answered by Ss and spouse. NEO Personality Inventory (Costa et al 1985). Typical characteristics of high scores are:
 -organized, reliable
 -neat
 -ambitious, persevering
 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=+.21</u> <u>p<.01</u>	T1 happiness (ABS) by T3 self-rated conscientiousness
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.24</u> <u>p<.01</u>	T2 happiness (ABS) by T3 self-rated conscientiousness
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.14</u> <u>p<.05</u>	T1 happiness (ABS) by T3 spouse-rated conscientiousness
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.15</u> <u>p<.05</u>	T2 happiness (ABS) by T3 spouse-rated conscientiousness

Correlational finding on Happiness and Earlier conscientiousness Subject code: P1.2.16

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: Conscientiousness (1)

Our classification: Earlier conscientiousness, code P1.2.16

Measurement: Index of closed questions answered by Ss and spouse. NEO Personality Inventory (Costa ea 1985). Typical characteristics of high scores are:
 -organized, reliable
 -neat
 -ambitious, persevering
 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>O-DT/u/sq/v/7/a</u>	<u>r=+.18</u> <u>p<.01</u>	T1 happiness (ABS) by T3 self-rated conscientiousness
<u>O-DT/u/sq/v/7/a</u>	<u>r=+.20</u> <u>p<.01</u>	T2 happiness (ABS) by T3 self-rated conscientiousness
<u>O-DT/u/sq/v/7/a</u>	<u>r=+.14</u> <u>p<.05</u>	T1 happiness (ABS) by T3 spouse-rated conscientiousness
<u>O-DT/u/sq/v/7/a</u>	<u>r=+.03</u> <u>ns</u>	T2 happiness (ABS) by T3 spouse-rated conscientiousness

Correlational finding on Happiness and Earlier sense of coherence
 Subject code: P1.2.17

Study SNEKK 2003

Reported in: Snekkevik H., Anke A.GW., Stanghelle J.K.,Fuhl-Meyer A.R.
Is sense of coherence stable after multiple trauma?
Clinical Rehabilitation 2003; 17443-453 ISN 0269 2155
Page in Report: 106-107

Population: Rehabilitation patients, followed 2 years after trauma, Sweden 1993-1999

Sample: Non-probability chunk sample

Non-Response:

N: 28

Correlate

Authors label: Sense of coherence

Our classification: Earlier sense of coherence, code P1.2.17

Measurement: Selfreport on 13 questions:
a: Doing the things you do every day is...
b: Do you have very mixed-up feelings and ideas?
c: Does it happen that you have feelings inside you would rather not feel?
d: Many people- even those with a strong character- sometimes feel like sad sacks(losers) in certain situations. How often have felt this way in the past?
e: When sometthing happened, have you generally found that:
f: How often do you the feeling that there"s little meaning in the things you do in life?
g: How often do you have feelings that there's little meaning in the things you do in your daily life?
h: How often do you have feelings that you're not sure you can keep under control?
i: Do you have the feeling that you don't really care about what goes on around you?
j: Has it happened in the past that you were surprised by the behaviour of people whom you ought to know?
k: Has it happened that people whom you counted on disappointed you?
l: Until now, your life has had
m; Do you have the feeling that you're being treated unfairly?
n: Do yoy have the feeling that you are in an unfamiliar situation and don't know what to do?

Measured Values: Range; 25-91, median T1 63, T2 68, T3 65

Error Estimates: Cronbach alphavaried from 0.86 to 0,89 T1 -T2 $r = +.61$, T2-T3 $r_s = +.59$

Remarks: Abbreviated Antonovsky Sense of Coherence Checklist (SOC-13)
Assesses at:
T1: Within one week after admission (median 35 days, range 6-80 days after injury)
T2: Shortly before discharge (median 161 days, range 73-290 days after injure)
T3: at follow up (median24 months, range 12-41 months after injure)T1: ..

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/u/sq/v/6/c</u>	<u>r= ns</u>	T1 sense of coherence by T3 happiness
<u>O-SLW/u/sq/v/6/c</u>	<u>r= ns</u>	T2 sense of coherence by T3 happiness
<u>O-SLW/u/sq/v/6/c</u>	<u>rpc=</u> <u>+.42</u> <u>p<..05</u>	T1 happiness (recalled before injury) by T1 sense of coherence
<u>O-SLW/u/sq/v/6/c</u>	<u>rpc=</u> <u>+.40</u> <u>p<..005</u>	T2 happiness by T2 sense of coherence
<u>O-SLW/u/sq/v/6/c</u>	<u>rpc=</u> <u>+.57</u> <u>p<.05</u>	T3 happiness by T3 sense of coherence rpc's controled for current - general health (GHQ-20) - depression - anxiety

Correlational finding on Happiness and Earlier emotionality
Subject code: P1.2.36

Study COSTA 1980/1

Reported in: Costa, P.T.; Mc Crae, 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: 672-673

Population: 35-85 aged white males (largely veterans), USA, 1976

Sample:

Non-Response: T1:21%; T2:18%; T3:27%; T4:46%

N: 1100

Correlate

Authors label: General emotionality (2)

Our classification: Earlier emotionality, code P1.2.36

Measurement: 5-item index from the EASI-III Temperament Survey (Buss and Plomin, 1975:241-242) rated on a 5-point scale. Each item ranging from 'a little' to 'a lot':

1. "I frequently get upset"
2. "I am almost always calm - nothing ever bothers me (reverse)"
3. "I get excited easily"
4. "I am somewhat emotional"
5. "I often feel like crying"

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

Observed Relation with Happiness

Happiness
Measure

Statistics Elaboration/Remarks

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

tau=- p<

Test anxiety

s

Happiness

T1

T2

T1	tau = -.17 (001)	-.11 (01)
T2	tau = -.13 (001)	-.18 (001)
T3	tau = -.12 (001)	-.17 (001)
T4	tau = -.15 (001)	-.19 (001)
T1:1966, T2:1968, T3:1969, T4:1970		

Correlational finding on Happiness and Earlier tendency to agree
Subject code: P1.2.5

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

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

Sample:

Non-Response: 18%

N: 296

Correlate

Authors label: Inclination to answer positively (2)

Our classification: Earlier tendency to agree, code P1.2.5

Measurement: 3-item additive index revealing the inclination to answer positively. Each rated on a 5-point scale.

Typical items are:

- If someone asks me something personal I reply straightforwardly.
- If someone startstalking to you, you have to be as honest as possible. - It is a good thing that people say what they really feel.

Assessed at T2(1976)

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
A-BB/cw/mq/v/4/c	<u>$r=+.01$</u> <u>ns</u>	T2 happiness by T2 yea-saying
A-BB/cw/mq/v/4/c	<u>$r=+.10$</u> <u>$p<.05$</u>	T3 happiness by T2 yea-saying

Correlational finding on Happiness and Earlier independence

Subject code: P1.2.54

Study KIRCH 1984

Reported in: Kirchler, E.
 Everyday Life Experiences at Home: An Interaction Diary Approach to Assess Marital Relationships.
 Paper presented at the 95th Annual Convention of the American Psychological Association, New York, 1987, USA
 Page in Report: 279

Population: Unemployed, followed 6 months after job loss, Linz Austria, 1983

Sample:

Non-Response: Dropout due to refusal 23%

N: 31

Correlate

Authors label: Personality structure (1)

Our classification: Earlier independence, code P1.2.54

Measurement: Three types derived from scores on German version of the Cattell 16 PF test (Schneewind et al 1987)

Happiness assessed at four times after falling unemployed:

T1 1 month

T2 2 month

T3 3 month

T4 6 month

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

A-AOL/mi/sqr/v/5/a

DMt=

Happiness at T1

p<.01

-Social sensitive dependents

Mt' = 7.94

-Self-assured dominants

Mt' = 8.51

-Insecure-submissive types

Mt' = 7.70

This pattern remains largely identical from T1 to T4, both among Ss who remain unemployed and who find a job. After becoming re-employed insecure-submissive Ss improved most in happiness (Ms' = 9.15)

Correlational finding on Happiness and Earlier inhibition

Subject code: P1.2.57

Study

COSTA 1980/1

Reported in:

Costa, P.T.; Mc Crae, 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: 672-673

Population: 35-85 aged white males (largely veterans), USA, 1976

Sample:

Non-Response: T1:21%; T2:18%; T3:27%; T4:46%

N: 1100

Correlate

Authors label: Poor inhibition of impulse (2)

Our classification: Earlier inhibition, code P1.2.57

Measurement: 5-item index from the EASI-III Temperament Survey (Buss and Plomin, 1975:241-242) rated on a 5-point scale ranging from 'a little' to 'a lot':

1. "I have trouble controlling my impulses"
2. "Usually I can't stand waiting"
3. "I can tolerate frustration better than most" (reverse)
4. "I have trouble resisting my cravings (for food, cigarettes, etc)"
5. "I like to spend my money right away rather than save it for long-range goods".

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

$r = -.22$

$p < .001$

Hedonic level assessed at T1, T2, T3, and T4 (3 month-intervals). Poor inhibition of impulse at T2.

Correlations with hedonic level at:

T1: $r = -.16$ (001)

T2: $r = -.23$ (001)

T3: $r = -.18$ (001)

T4: $r = -.18$ (001)

Sum: $r = -.22$ (001)

PAS: $r(\text{mean}) = -.05$

NAS: $r(\text{mean}) = +.24$

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

Study **ARNOL 2006**

Reported in: Arnold, R; Rancher, A.V.; Koëter G.H.; DeJongste, M. J.; Wempe, J.B.; et.al.
Changes in Personal Control as a Predictor of Quality of Life after Pulmonary Rehabilitation.
Patient Education and Counseling, 2006, Vol. 61, 99 -108 ISSN 0738 3991.
Doi:10.1016/j.pec.2005.02.015
Page in Report: 104-5

Population: COPD patients, before and after 20 week rehabilitation programme, Netherlands, 2001-2002

Sample: Non-probability purposive sample

Non-Response: 21

N: 65

Correlate

Authors label: Mastery

Our classification: Earlier inner-control, code P1.2.58

Measurement: Selfreport on 7 questions such as:
- I have little control over the things that happen to me
- I can do just anything I really set my mind to do

Pearlin and Schooler (1978) Mastery Scale. Range 7-35

Measured Values: Range: 7-35; T1: M = 22,6, SD = 5,1; T2: M = 21,2, SD = 4,7

Remarks: Assessed before (T1) and after (T2) 20 week rehabilitation program
T1-T2 change: ns

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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<u>C-BW/c/sq/l/11/a</u>	<u>r=+.06 ns</u>	T1 control belief by T2 happiness
<u>C-BW/c/sq/l/11/a</u>	<u>Beta=-.13 ns</u>	Beta controled for: - age, gender - T1 happiness (indicating CHANGE in happiness)
<u>C-BW/c/sq/l/11/a</u>	<u>r=+.24 ns</u>	T1-T2 CHANGE in control belief by T2 happiness
<u>C-BW/c/sq/l/11/a</u>	<u>Beta=+.33 p<.054</u>	Beta controled for - age - gender - T1 happiness (indicating CHANGE in happiness)
		T1-T2: before-after 20 week rehabilitation program

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

Study **ARNOL 2006**

Reported in: Arnold, R; Rancher, A.V.; Koeter G.H.; DeJongste, M. J.; Wempe, J.B.; et.al.
Changes in Personal Control as a Predictor of Quality of Life after Pulmonary Rehabilitation.
Patient Education and Counseling, 2006, Vol. 61, 99 -108 ISSN 0738 3991.
Doi:10.1016/j.pec.2005.02.015
Page in Report: 104-105

Population: COPD patients, before and after 20 week rehabilitation programme, Netherlands, 2001-2002

Sample: Non-probability purposive sample

Non-Response: 21

N: 65

Correlate

Authors label: Self efficacy: control symptoms

Our classification: Earlier inner-control, code P1.2.58

Measurement: Self report on six questions such as:
 - How confident are you that you can control your breathlessness by taking your medications?

Subscale of Sullivan 1998 self efficacy scale

Measured Values: Range 0-24; T1: M = 17,8 SD = 3,2 T2: M = 19,7 SD = 2,9

Remarks: Assessed before (T1) and after (T2) 20 week rehabilitation program
 T1- T2 change $p < .002$

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>C-BW/c/sq/l/11/a</u>	<u>$r = +.06$</u> <u>ns</u>	T1 symptom control by T2 happiness
<u>C-BW/c/sq/l/11/a</u>	<u>Beta =</u> <u>+.03 ns</u>	- age - gender - T1 happiness (indicating CHANGE in happiness)
<u>C-BW/c/sq/l/11/a</u>	<u>$r = +.15$</u> <u>ns</u>	T1-T2 CHANGE in symptom control by T2 happiness
<u>C-BW/c/sq/l/11/a</u>	<u>Beta =</u> <u>+.25 ns</u>	Beta's controled for: - age - gender - T1 happiness (indicating CHANGE in happiness)
		T1-T2: before-after 20 week rehabilitation program

Correlational finding on Happiness and Earlier inner-control
 Subject code: P1.2.58

Study ARNOL 2006

Reported in: Arnold, R; Rancher, A.V.; Koëter G.H.; DeJongste, M. J.; Wempe, J.B.; et.al.
 Changes in Personal Control as a Predictor of Quality of Life after Pulmonary Rehabilitation.
 Patient Education and Counseling, 2006, Vol. 61, 99 -108 ISSN 0738 3991.
 Doi:10.1016/j.pec.2005.02.015
 Page in Report: 104-105

Population: COPD patients, before and after 20 week rehabilitation programme, Netherlands, 2001-2002

Sample: Non-probability purposive sample

Non-Response: 21

N: 65

Correlate

Authors label: Self efficacy: maintain function

Our classification: Earlier inner-control, code P1.2.58

Measurement: Self report on three questions such as:
 - How confident are you that you can get regular exercise?
 Maintain function subscale of Sullivan (1998) self efficacy scale

Measured Values: Range: 0-12; T1: M = 7,2, SD = 2,4; T2: M = 8,0, SD = 2,6

Remarks: Assessed before (T1) and after (T2) 20 week rehabilitation program
 T1=T2 change ns

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>C-BW/c/sq/l/11/a</u>	<u>r=+.29</u> <u>ns</u>	T1 maintain function by T2 happiness
<u>C-BW/c/sq/l/11/a</u>	<u>Beta=</u> <u>+32</u> <u>p<.073</u>	- age - gender - T1 happiness (indicating CHANGE in happiness)

C-BW/c/sq/l/11/a r=+.19 T1-T2 CHANGE in maintain function by T2 happiness
ns

C-BW/c/sq/l/11/a B=+.27 Betas controled for:
ns - age
 - gender
 - T1 happiness (indicating CHANGE in happiness)

T1-T2: before-after 20 week rehabilitation program

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

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: Internal control (1)

Our classification: Earlier inner-control, code P1.2.58

Measurement: A mean of items adapted from the Rotter internality scale
 (see Rotter, 1966)
 Scale: 1.00 = low to 2.00 = high internal control. Assessed
 at T1, T2, T3 and T4

Observed Relation with Happiness

*Happiness Measure**Statistics Elaboration/Remarks*O-HP/g/mq/v/5/atau=+

Internal control

p<.s

Happiness	T1	T2	T3	T4
T1	tau = +.21	+.14	+.14	+.13
T2	tau = +.12 (01)	+.21	+.19	+.19
T3	tau = +.10 (01)	+.14	+.23	+.20
T4	tau = +.13	+.15	+.21	+.28

All tau's significant with (001), unless indicated otherwise
T1:1966, T2:1968, T3:1969, T4:1970

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

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: Internal control (1)

Our classification: Earlier inner-control, code P1.2.58

Measurement: A mean of items adapted from the Rotter internality scale (see Rotter, 1966)
Scale: 1.00 = low to 2.00 = high internal control. Assessed at T1, T2, T3 and T4

Observed Relation with Happiness

Happiness
Measure

Statistics Elaboration/Remarks

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

tau=+

Internal control

p<.s

Happiness

T1

T2

T3

T4

T1 tau = +.21 +.14 +.14 +.13

T2 tau = +.12 (01) +.21 +.19 +.19

T3 tau = +.10 (01) +.14 +.23 +.20

T4 tau = +.13 +.15 +.21 +.28

All tau's significant with (001) unless indicated otherwise

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

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

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: Extraversion (2)

Our classification: Earlier inner-control, code P1.2.58

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

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cy/mq/v/2/a</u>	<u>r=+.14</u> <u>p<.05</u>	Hedonic level assessed at T2 NAS: r = +.03 ns PAS: r = +.23 (001)

Correlational finding on Happiness and Earlier inner-control Subject code: P1.2.58

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: Extraversion (1)

Our classification: Earlier inner-control, code P1.2.58

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

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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A-BB/cy/mq/v/2/a r=+.14 Hedonic level assessed at T2
 p<.05 NAS: r = +.03 ns
 PAS: r = +.23 (.001)

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

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 \pm 10 years
 Baltimore, USA. 1958-70

Sample:

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

N: 117

Correlate

Authors label: Extraversion (1)

Our classification: Earlier inner-control, code P1.2.58

Measurement: Factor-score derived from Guilford/ Zimmerman Temperament Survey (GZTS),
 by Guilford et al 1976.
 Defined by general activity, ascendance and sociability.

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 extraversion by T1 happiness: - young(18-49) : r= +.26 (001) - old (50-97) : r= +.12 (05)
<u>C-A/h/sq/v/3/a</u>	<u>r=+.12</u> <u>p<.01</u>	T1 extraversion by T2 happiness (2-10 yrs later)
<u>C-A/h/sq/v/3/a</u>	<u>r=+.26</u> <u>p<.01</u>	T1 extraversion by T3 happiness (10-17 yrs later)

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

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 \pm 10 years
Baltimore, USA. 1958-70

Sample:

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

N: 117

Correlate

Authors label: Thinking introversion (1)

Our classification: Earlier inner-control, code P1.2.58

Measurement: Factor-score derived from Guilford/ Zimmerman Temperament Survey (GZTS),
by Guilford et al 1976.
Defined by restraint and thoughtfulness

Observed Relation with Happiness

*Happiness Measure**Statistics Elaboration/Remarks*C-A/h/sq/v/3/ar=+ ns

T1 thinking introversion by T1 happiness:
 - young(18-49) : r= +.06 ns
 - old (50-97) : r= +.04 ns

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

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: 350,255,60

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

Sample:

Non-Response: 18%

N: 296

Correlate

Authors label: Internal control (1)

Our classification: Earlier inner-control, code P1.2.58

Measurement: External vs internal control.
 12-item a additive index rated on a 3-point scale.
 Shortened version of
 Rotter(1966) Scale.
 Typical questions are:
 - Whether people like you or not is something you can't influence.
 - I seldom feel myself victim of circumstances.
 Assessed at T2(1976)

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=+.24</u> <u>p<.01</u>	T2 happiness by T2 internal control
<u>A-BB/cw/mq/v/4/c</u>	<u>r=+.33</u> <u>p<.01</u>	T3 happiness by T2 internal control
<u>A-BB/cw/mq/v/4/c</u>	<u>$\beta_L=+.17$</u>	T2 happiness by T2 internal control. β_L path coefficient in a LISREL model, also involving neuroticism, selfesteem, intimacy with partner, adequacy of coping and self- and externally induced burdens.
<u>A-BB/cw/mq/v/4/c</u>	<u>$\beta_L=+.28$</u>	T3 happiness by T3 internal control. β_L path coefficient in a LISREL model, also involving neuroticism, selfesteem and quality of life.
<u>A-BB/cw/mq/v/4/c</u>	<u>$\beta_L=+.21$</u>	T2 happiness by T2 internal control. β_L path coefficient in a LISREL model, also involving neuroticism, selfesteem, unhappy childhood and traumatic childhood experiences.

Correlational finding on Happiness and Earlier inner-control

Subject code: P1.2.58

<i>Study</i>	PALMO 1981
<i>Reported in:</i>	Palmore, E.B. Social Patterns in Normal Aging: Findings from the Duke Longitudinal Study. Duke University Press, 1981, Durham, USA Page in Report: 103
<i>Population:</i>	46+ aged whites, North Carolina, USA, followed from 1968 to 1976.
<i>Sample:</i>	Probability stratified sample
<i>Non-Response:</i>	
	<i>N:</i> 375

Correlate

Authors label: T1 internal control (1)

Our classification: Earlier inner-control, code P1.2.58

Measurement: Index containing four pairs of statements e,g, "some of the good and some of the bad things in my life have happened by chance" (external control).
 "What happened to me has been my own doing" (internal control).
 Each S was asked which one of each pair is more true for him.
 (from the Internal-External Control of Reinforcement Scale; see Jesson at al. (1968).
 0= external
 1= internal
 Scale 0-4.
 Assessed at T1.

Measured Values: Males : M = 2,6; SD = 1,0 Females: M = 2,2; SD = 1,0

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>C-BW/c/sq/l/10/c</u>	<u>r=+</u> <u>p<.05</u>	T1 internal control by T2 happiness Males : r = (ns) Females: r = +.14 (05)
<u>A-BB/cw/mq/v/4/b</u>	<u>r=+</u>	Males : r = (ns) Females: r = +.19 (05)

Correlational finding on Happiness and Earlier anxiety

Subject code: P1.2.7

Study COSTA 1980/1

Reported in: Costa, P.T.; Mc Crae, 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: 672-673

Population: 35-85 aged white males (largely veterans), USA, 1976

Sample:

Non-Response: T1:21%; T2:18%; T3:27%; T4:46%

N: 1100

Correlate

Authors label: Fear (2)

Our classification: Earlier anxiety, code P1.2.7

Measurement: 5-item index from the EASI-III Temperament Survey (Buss and Plomin, 1975:24-242), rated on a 5-point scale ranging from 'a little' to 'a lot':

1. "I am easily frightened"
2. "I often feel insecure"
3. "I tend to be nervous in new situations"
4. "I have fewer fears than most people my age" (reverse)"
5. "When I get scared, I panic"

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

A-BB/cm/mq/v/2/b r=-.40 Hedonic level assessed at T1, T2, T3 and T4 (3
p<.001 month-intervals). Fear at T2.

Correlations with hedonic level at:

T1: r = -.29 (001)

T2: r = -.36 (001)

T3: r = -.31 (001)

T4: r = -.32 (001)

Sum: r = -.40 (001)

PAS: r(mean) = -.19

NAS: r(mean) = +.30

Correlational finding on Happiness and Earlier optimism

Subject code: P1.2.77

Study WESSM 1966/2

Reported in: Wessman, A.E.;Ricks, D.F.
 Mood and Personality.
 Holt, Rinehart and Wilson, 1966, New York, USA. ISBN 03 0541 151 8
 Page in Report: 116

Population: Male college students, followed 3 years, Harvard University, USA, 1957-60

Sample: Non-probability chunk sample

Non-Response: 37%: 9 dropouts, incomplete; about the same happiness distribution.

N: 17

Correlate

Authors label: Earlier optimism (2)

Our classification: Earlier optimism, code P1.2.77

Measurement: Factor Optimism - Pessimism, based on indirect agree / disagree questionnaire items, e.g. chances of success in life, most endeavors are worthwhile, life consists of a procession of disillusionments, the future looks black as pitch.
 Assessed two years earlier.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-ARE/md/sqr/v/10/</u>	<u>r=+.58</u>	
<u>a</u>	<u>ns</u>	

Correlational finding on Happiness and Earlier optimism

Subject code: P1.2.77

Study WESSM 1966/2

Reported in: Wessman, A.E.;Ricks, D.F.
Mood and Personality.
Holt, Rinehart and Wilson, 1966, New York, USA. ISBN 03 0541 151 8
Page in Report: 116

Population: Male college students, followed 3 years, Harvard University, USA, 1957-60

Sample: Non-probability chunk sample

Non-Response: 37%: 9 dropouts, incomplete; about the same happiness distribution.

N: 17

Correlate

Authors label: Earlier optimism (1)

Our classification: Earlier optimism, code P1.2.77

Measurement: Factor Optimism - Pessimism, based on indirect agree/disagree questionnaire items, e.g. chances of success in life, most endeavors are worthwhile, life consists of a procession of disillusionments, the future looks black as pitch. Assessed two years earlier.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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A-ARE/md/sqr/v/10/ r=+.58a p<. 05

Correlational finding on Happiness and Earlier assertiveness

Subject code: P1.2.8

Study **BRAY 1980**

Reported in: Bray, D.W.; Howard, A.
 Career Success and Life-Satisfactions of Middle Aged Managers.
 Bond, L.A.; Rosen, J.C.; Eds.: "Competence and Coping during Adulthood", University
 Press of New England, 1980, London, UK, 258 - 287 ISBN: 0 8745 11 593
 Page in Report: 278

Population: 40+ aged, male managers, Bell Telephone Company, 1978

Sample: Non-probability purposive-quota sample

Non-Response: panel loss at T5: 37%

N: 422

Correlate

Authors label: Earlier ascendancy (1)

Our classification: Earlier assertiveness, code P1.2.8

Measurement: Guilford-Martin Inventory of Factors: GAMIN-A scale.
 This inventory reflects on characteristics of a positive self-concept.
 This sub-scale in particular measures social assertiveness and has items reflecting a willingness to stand for one's rights and a lack of fearfulness of standing out in a crowd, taking action in a troublesome situation or confronting disagreement.

Assessed at T1 (20 years before T5).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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M-PL/c/rc/v/5/a r=+.23 T1 ascendancy by T5 happiness
p<.05

Correlational finding on Happiness and Earlier persistence

Subject code: P1.2.81

Study SEARS 1977A

Reported in: Sears, P.S.; Barbee, A.H.
Career and Life Satisfaction among Terman Gifted Women.
Stanley, J.C.;George, W.C.;Eds.: "The Gifted and the Creative", J.Hopkins University
Press, 1977, Baltimore, USA, 28 - 72
Page in Report: 40-62/4

Population: "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

Sample: Non-probability purposive sample

Non-Response: Attrition in 1972: 25%

N: 671

Correlate

Authors label: Earlier persistence (1)

Our classification: Earlier persistence, code P1.2.81

Measurement: Ratings of Ss personality.

- Parents rating

 a. in 1940

- Selfrating

 b. in 1940

 c. in 1950

Remarks: Earlier persistence (1940, 1950) by present happiness (1972).

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	a .
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	a .
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	b .
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV= ns</u>	b .
<u>M-PL/h/sq/v/5/b</u>	<u>Chi²= ns</u>	c .
<u>C-ASG/h/mq/v/5/a</u>	<u>AoV=+</u> <u>p<.05</u>	c .

Correlational finding on Happiness and Earlier persistence

Subject code: P1.2.81

Study SEARS 1977A

Reported in: Sears, P.S.; Barbee, A.H.
Career and Life Satisfaction among Terman Gifted Women.
Stanley, J.C.; George, W.C.; Eds.: "The Gifted and the Creative", J. Hopkins University
Press, 1977, Baltimore, USA, 28 - 72
Page in Report: 40-62/4

Population: "Gifted women" (IQ >135), followed 50 years, California, USA, 1921-72

Sample: Non-probability purposive sample

Non-Response: Attrition in 1972: 25%

N: 671

Correlate

Authors label: Perseverance (2)

Our classification: Earlier persistence, code P1.2.81

Measurement: Combined parent and teacher ratings of perseverance and desire to exert.

Assessed in 1928.

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

C-ASG/h/mq/v/5/a

AoV=+
p<.01

Earlier perseverance (1928) by present happiness (1972).

Correlational finding on Happiness and Earlier positive thinking Subject code: P1.2.85

Study **GOODH 1985**

Reported in: Goodhart, D.E.
Some Psychological Effects Associated with Positive and Negative Thinking about Stressful Event Outcomes: Was Pollyanna Right?
Journal of Personality and Social Psychology, 1985, Vol. 48, 216 - 232. ISSN 0022 3514.
Page in Report: 223

Population: Students in stress, followed 8 weeks, Illinois, USA, 1983

Sample:

Non-Response: 1.7% dropout

N: 173

Correlate

Authors label: Positive thinking (2)

Our classification: Earlier positive thinking, code P1.2.85

Measurement: Ss were invited to think of a stressful event in the recent past and then completed a 46-item event-outcome-appraisal questionnaire (Goodhart 1981); 20 items in this questionnaire described positive outcomes.

Typical items are:

Self-relevant items:

1. I developed greater trust in my judgments of situations or people.
2. I modified personal or career goals to more closely match my true interests, abilities or values.
3. By coping with events, I gained confidence in my ability to handle other difficulties.

Externally relevant items:

1. I learned to consider others' advice when planning career or personal development goals.
2. I discovered I could rely on others for help in getting through difficulties.
3. Others became more sympathetic toward my situation or difficulties.

Positive thinking assessed at T1.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sq/v/7/a</u>	<u>Beta=</u> <u>+.29</u> <u>p<.001</u>	T1 positive thinking by T1 happiness. -Self relevant thinking: $\beta=+.34$ (001) -Externally relevant thinking: $\beta=+.00$ (ns) β 's controlled for T1 negative thinking.
<u>O-DT/u/sq/v/7/a</u>	<u>Beta=</u> <u>+.06 ns</u>	T1 positive thinking by T2 happiness. -Self relevant thinking: $\beta=+.00$ (ns) -Externally relevant thinking: $\beta=+.14$ (ns) β 's controlled for T1 negative thinking.

Correlational finding on Happiness and Earlier positive thinking

Subject code: P1.2.85

Study GOODH 1985

Reported in: Goodhart, D.E.
Some Psychological Effects Associated with Positive and Negative Thinking about Stressful Event Outcomes: Was Pollyanna Right?
Journal of Personality and Social Psychology, 1985, Vol. 48, 216 - 232. ISSN 0022 3514.
Page in Report: 223

Population: Students in stress, followed 8 weeks, Illinois, USA, 1983

Sample:

Non-Response: 1.7% dropout

N: 173

Correlate

Authors label: Negative thinking (2)

Our classification: Earlier positive thinking, code P1.2.85

Measurement: Ss were invited to think of a stressful event in the recent past and then complete a 46-item event-outcome- appraisal questionnaire (Goodhart 1981); 20 items in the questionnaire described negative outcomes.

Typical items are:

Self-relevant items:

1. I began to feel that I was doing little toward my life enjoyment or personal development.
2. I became more uncertain about who I am or want to become.
3. I began to doubt whether my present career plans are consistent with true interests and skills.

Externally relevant items:

1. The event made it more difficult to carry out ordinary daily activities.
2. The event created a financial strain.
3. Others were unaware of or insensitive to my difficulties.

Negative thinking assessed at T1.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sq/v/7/a</u>	<u>Beta=-.44</u> <u>p<.001</u>	T1 negative thinking by T1 happiness. -Self relevant thinking $\beta=-.37$ (.001) -Externally relevant thinking $\beta=-.00$ (ns) β 's controlled for T1 positive thinking.
<u>O-DT/u/sq/v/7/a</u>	<u>Beta=-.33</u> <u>p<.001</u>	T1 negative thinking by T2 happiness. -Self relevant thinking $\beta=-.36$ (.001) -Externally relevant thinking $\beta=-.00$ (ns) β 's controlled for T1 positive thinking.

Correlational finding on Happiness and Earlier resignation

Subject code: P1.2.89

Study **MOUM 1988**

Reported in: Moum, T.
Yea-saying and Mood-of-the-Day Effects in Self-Reported Quality of Life.
Social Indicators Research, 1988, Vol. 20, 117 - 139. ISSN 0303 8300. DOI:10.1007/BF00302458
Page in Report: 128

Population: Adult, general public, county, followed 2 years, Norway, 1984-86

Sample:

Non-Response: 20%

N: 622

Correlate

Authors label: Resignation (1)

Our classification: Earlier resignation, code P1.2.89

Measurement: Index of 4 closed questions, having the same content but phrased pairwise positively or negatively.

- 1 If people stopped complaining about everything, everybody would be better off.
- 2 You have to learn how to let others know you're not satisfied, or else there'll be no improvements.
- 3 You have to content yourself with what you've got, otherwise you'll just be disappointed and bitter.
- 4 If you're not satisfied, it is important to let others know about it.

Questions rated on a 5 point scale. 1: disagree completely, .5: agree completely. Scores of questions 2 and 4 were then subtracted from the summed score of questions 1 and 3.

Administered at T3.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLu/c/sq/n/7/a</u>	<u>r=+</u>	<p>happiness at T1 r= +.14</p> <p>happiness at T2 r= +.21</p> <p>happiness at T3 r= +.16</p>

Correlational finding on Happiness and Earlier approval seeking

Subject code: P1.2.9

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:* Need for social approval (1)*Our classification:* Earlier approval seeking, code P1.2.9*Measurement:* 31-item index of true/false statements
(Social Desirability Scale; see Crowne & Marlowe, 1964).
Assessed at T1**Observed Relation with Happiness***Happiness Measure**Statistics Elaboration/Remarks*O-HP/g/mq/v/5/atau=+p<.001

T1 happiness:	tau = +.31	(001)
T2 happiness:	tau = +.27	(001)
T3 happiness:	tau = +.16	(001)
T4 happiness:	tau = +.19	(001)
T1:1966, T2:1968, T3:1969, T4:1970		

Correlational finding on Happiness and Earlier need for self-actualization
Subject code: P1.2.96**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: Need for self-development (1)

Our classification: Earlier need for self-actualization, code P1.2.96

Measurement: 15-item index containing closed questions designed to measure the need for self-development. Scale: 1.00 = low; 5.00 = high need for self-development. Assessed at T1, T2, T3, and T4

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

tau=+

p<.001

Need for self-development

Happiness	T1	T2	T3	T4
T1	tau = +.34	+.19	+.20	+.15
T2	tau = +.21	+.33	+.24	+.22
T3	tau = +.18	+.18	+.32	+.21
T4	tau = +.13	+.15	+.22	+.30

All tau's significant (.001)

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

Correlational finding on Happiness and Earlier need for self-actualization Subject code: P1.2.96

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: Need for self-utilization (1)

Our classification: Earlier need for self-actualization, code P1.2.96

Measurement: 8-item index containing closed questions concerning use of one's existing skills and abilities. Scale: 1.00 = low; 5.00 = high need for self-utilization. Assessed at T1, T2, T3 and T4

Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

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

tau=+

Need for self-utilization

Happiness	T1	T2	T3	T4
T1	+.27	+.15	+.17	+.12 (01)
T2	+.14	+.26	+.20	+.15
T3	+.09 (05)	+.12 (01)	+.26	+.16
T4	+.07 (ns)	+.11 (01)	+.19	+.25

All significant with (001) unless indicated otherwise
T1:1966, T2:1968, T3:1969, T4:1970

Appendix 1: Happiness Items used

Happiness Item Code

Full Text

A-AOL/mi/sqr/v/5/a

Selfreport on single question in diary, filled in 6 times a day during 40 days in a 6 month period.

Is my mood at the moment
2 clearly positive
1 rather positive
0 indifferent
-1 rather negative
-2 clearly negative

A-ARE/md/sqr/v/10/
a Selfreport on single question, repeated every evening before retiring during 3 weeks (experience sampling).

"On the average, how happy or unhappy did you feel today....?"

1 Extremely unhappy. Utterly depressed. Completely down.

2 Very unhappy. Depressed. Spirits very low.

3 Pretty unhappy. Somewhat 'blue'. Spirits down.

4 Mildly unhappy. Just a little low.

5 Barely unhappy. Just this side of neutral.

6 Barely happy. Just this side of neutral.

7 Mildly happy. Feeling fairly good and somewhat cheerful.

8 Pretty happy. Spirits high. Feeling good.

9 Very happy. Feeling really good. Elated.

10 Extremely happy. Feeling ecstatic, joyous, fantastic.

Name: Wessman & Ricks' "Elation - Depression Scale" (adapted version)

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/2/b Selfreport on 10 questions, repeated four times at 3 months intervals:

"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/cw/mq/v/4/b Selfreport on 8 questions:

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

- A Particularly interested in or excited about something
- B Pleased about having accomplished something
- C On top of the world
- D Pity for some people you know
- E Helpless, with no control over situations
- F Bored
- G Vaguely uneasy about something without knowing why
- H Angry about something that usually wouldn't bother you

Rating options:

0 never

1 once

2 several times

3 often

Summation: Factorially derived clusters:

A+B+C+D (Enhancement)

E+F+G+H (Discomfort)

Affect Balance Score: Enhancement minus Discomfort.

Possible range: + 16 to - 16

Name: Bradburn's 'Affect Balance scale' (modified 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/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-CP/g/fi/n/7/a

Selfreport in focused interview:

Rating of cheerfulness by interviewer on the basis of an extensive interview.

Rating options:

7 cheerful

6

5

4

3

2

1 gloomy

A-CP/g/fi/v/7/a

Selfreport in focused interview

Rating two independent interviewers.

A. Psychiatric social worker who interviewed parents at home. Interview focused on child

B. Clinical psychologist who interviewed parents separately. Interview focused on family life.

Rating options:

7 extremely cheerful, animated, jolly

6

5

4 usually good-humored air

3

2

1 dejected, melancholic appearance, in the dumps

Summation: average ratings A and B

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-ASG/h/mq/v/5/a Selfreport on 2 questions:

A. "How important was each of the following goals in life in the plans you made for yourself in early adulthood?"

- occupational success
- family life
- friendships
- richness of cultural life
- total service to society.

1 less important to me than to most people

2

3

4

5 of prime importance to me

B. "How successful have you been in the pursuit of these goals?"

1 little satisfaction in this area

2

3

4

5 had excellent fortune in this respect

Computation: General Satisfaction 5 is the quotient obtained by multiplying the planned goal (early adulthood) by the reported success in attaining that goal, adding the five of these multiplied areas and dividing them by the sum of the planned goals for each of the areas.

$Pa.Sa + Pb.Sb + Pc.Sc + Pd.Sd + Pe.Se$

$Pa + Pb + Pc + Pd + Pe$

Pa = planned goal a (1-5)

Sa = success goal a (1-5)

C-BW/c/sq/l/10/c Selfreport on single question:

Here is a picture of a ladder. Suppose we say that the top of the ladder (10) represents the best possible life for you and the bottom (1) represents the worst possible life for you. Where on the ladder do you feel personally stand at the present time?

[9] best possible life for you

[8]

[7]

[6]

[5]

[4]

[3]

[2]

[1]

[0] worst possible life for you

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

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-PL/c/rc/v/5/a

Clinical rating by 4 experts on the basis of multi-method assessments during periodical stays in assessment center.

Rater instruction:

"To what extend does this person find pleasure in life at the present time.....?"

1 low

2

3 average

4

5 high

M-PL/h/sq/v/5/b

Selfreport on single question: following enumeration of lifegoals in six areas, the last of which was 'joy in living'

" How successful have you been in pursuit of that goal.....?"

(joy in living)

5 had excellent fortune in this respect

4

3

2

1 found little satisfaction in this area

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-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-SLC/g/fi/v/7/b

Selfreport in focused interview

Two independent interviews. Each interviewer rated `satisfaction with lot' on the same scale.

1 tremendously satisfied

2

3

4 average

5

6

7 extremely dissatisfied

O-SLu/c/sq/n/7/a

Selfreport on single question:

"Overall, how satisfied are you with your life as it is at this time.....?"

1 completely dissatisfied

2

3

4 neutral

5

6

7 completely satisfied

O-SLW/c/sq/n/7/a

Selfreport on single question:

We have talked about various parts of your life, now I want to ask you about your life as a whole. How satisfied are you with your life as a whole these days.....?

7 completely satisfied

6

5

4 neutral

3

2

1 completely dissatisfied

O-SLW/u/sq/v/6/c

Self report on single question:

My life as a whole is ..

6 very satisfying

5 satisfying

4 rather satisfying

3 rather dissatisfying

2 dissatisfying

1 very dissatisfying

O-Sum/g/rc/v/7/a

Clinical rating.

Ratings by four judges on the basis of notes from observations and interviews between age 12-18.

Ratings were made on the following dimensions:

A. discontented

B. unhappy

C. dissatisfied

D. complaints

Rating options:

1 not at all true

2

3

4 average

5

6

7

8 extremely true

Summation: not reported

Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
AoV	<p>ANALYSIS of VARIANCE (ANOVA) Type: statistical procedure Measurement level: Correlate(s): nominal, Happiness: metric. In an ANOVA, the total happiness variability, expressed as the sum of squares, is split into two or more parts, each of which is assigned to a source of variability. At least one of those sources is the variability of the correlate, in case there is only one, and always one other is the residual variability, which includes all unspecified influences on the happiness variable. Each sum of squares has its own number of degrees of freedom (df), which sum up to $N_e - 1$ for the total variability. If a sum of squares (SS) is divided by its own number of df, a mean square (MS) is obtained. The ratio of two correctly selected mean squares has an F-distribution under the hypothesis that the corresponding association has a zero-value.</p> <p>NOTE: A significantly high F-value only indicates that, in case of a single correlate, the largest of the c mean values is systematically larger than the smallest one. Conclusions about the other pairs of means require the application of a Multiple Comparisons Procedure (see e.g. BONFERRONI's MULTIPLE COMPARISON TEST, DUNCAN's MULTIPLE RANGE TEST or STUDENT-NEWMAN-KEULS)</p>
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, Happiness: 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>
Chi ²	<p>CHI-SQUARE Type: test statistic Range: [0; $N_e * (\min(c,r)-1)$], where c and r are the number of columns and rows respectively in a cross tabulation of N_e sample elements.</p> <p>Meaning: $\text{Chi}^2 \leq (c-1) * (r-1)$ means: no association $\text{Chi}^2 \gg (c-1) * (r-1)$ means: strong association</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>
mr	<p>Mean correlation coefficient (r). For r, see PRODUCT-MOMENT CORRELATION</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>
SNR	<p>Statistic Not Reported</p>
tau	<p>GOODMAN & Kruskal's TAU Type: descriptive statistic only. Measurement level: Correlate: nominal, Happiness: ordinal Range: [0; +1]</p> <p>Meaning: tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating. tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.</p>
ZZZZZ	<p>GOODMAN & Kruskal's TAU Type: descriptive statistic only. Measurement level: Correlate: nominal, Happiness: ordinal Range: [0; +1]</p> <p>Meaning: tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating. tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.</p>

Appendix 3: About the World Database of Happiness

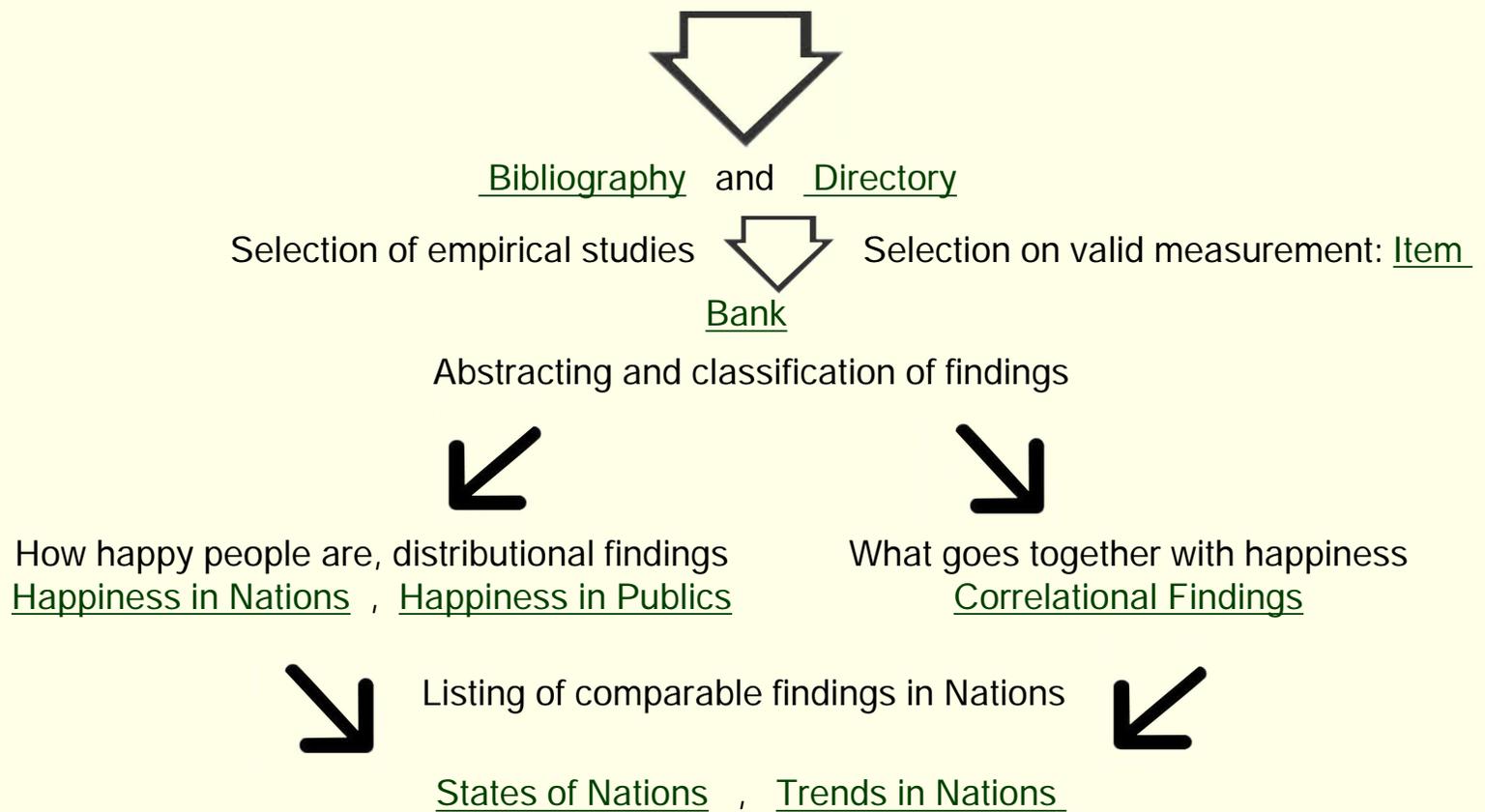
Structure of the collections

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

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

World literature on Happiness

Selection on subject



Size of the collections

1226 Happiness measures (Item Bank)

4258 Nations surveys in 206 Nations

149 Distinguished publics in 1199 studies

12032 Correlational findings in 1196 studies

Appendix 4 Further Findings in the World Database of Happiness

<i>Main Subjects</i>	<i>Subject Description</i>	<i>Number of Studies</i>
A1	ACTIVITY: LEVEL (how much one does)	58
A2	ACTIVITY: PATTERN (what one does)	32
A3	AFFECTIVE LIFE	48
A4	AGE	400
A5	AGGRESSION	12
A6	ANOMY	32
A7	APPEARANCE (good looks)	15
A8	ATTITUDES	6
A9	AUTHORITARIANISM	4
B1	BIRTH CONTROL	1
B2	BIRTH HISTORY (own birth)	201
B3	BODY	77

C1	CHILDREN	1
C2	CHILDREN: WANT FOR (Parental aspirations)	6
C3	CHILDREN: HAVING (parental status)	195
C4	CHILDREN: CHARACTERISTICS OF ONE'S CHILDREN	25
C5	CHILDREN: RELATION WITH ONE'S CHILDREN	8
C6	CHILDREN: REARING OF ONE'S CHILDREN (parental behavior)	26
C7	COMMUNAL LIVING	9
C8	CONCERNS	18
C9	COPING	43
C10	CREATIVENESS	6
C11	CULTURE (Arts and Sciences)	8
D1	DAILY JOYS & HASSLES	5
E1	EDUCATION	302
E2	EMPLOYMENT	363
E3	ETHNICITY	98
E4	EXPRESSIVE BEHAVIOR	12
F1	FAMILY OF ORIGIN (earlier family for adults, current for young)	236
F2	FAMILY OF PROCREATION	58
F3	FAMILY OF RELATIVES	157
F4	FARMING	25
F5	FREEDOM	32
F6	FRIENDSHIP	152
G1	GENDER	370
G2	GRIEF	1
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS: VIEWS ON HAPPINESS	49
H4	HAPPINESS: DISPERSION OF HAPPINESS	10
H5	HAPPINESS: CAREER	191
H6	HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES	310
H7	HAPPINESS OF OTHERS	0
H8	HAPPINESS: REPUTATION OF HAPPINESS	19
H9	HEALTH-BEHAVIOR	25
H10	HELPING	5
H11	HOPE	8
H12	HOUSEHOLD: COMPOSITION	137
H13	HOUSEHOLD: WORK	32
H14	HOUSING	106
I1	INCOME	552

I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	71
I4	INTERESTS	8
I5	INTERVIEW	73
I6	INTIMACY	103
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	206
L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	86
L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	22
L10	LOCAL ENVIRONMENT	374
L11	LOTTERY	8
L12	LOVE-LIFE	31
M1	MARRIAGE: MARITAL STATUS CAREER	64
M2	MARRIAGE: CURRENT MARITAL STATUS	543
M3	MARRIAGE: RELATIONSHIP	115
M4	MARRIAGE: PARTNER	46
M5	MEANING	23
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	218
M8	MIGRATION: TO OTHER COUNTRY	29
M9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
N1	NATION: NATIONALITY	29
N2	NATION: ERA (temporal period)	41
N3	NATION: NATIONAL CHARACTER (modal personality)	29
N4	NATION: CONDITION IN ONE'S NATION	430
N5	NATION: POSITION OF ONE'S NATION	1
N6	NATION: ATTITUDES TO ONES NATION	152
N7	NATION: LIVABILITY OF ONE'S NATION	17
N8	NATION i: ATTITUDES IN	1

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

T2	THERAPY	38
T3	TOLERANCE	37
V1	VALUES: CAREER	8
V2	VALUES: CURRENT PREFERENCES (own)	73
V3	VALUES: CLIMATE (current values in environment)	7
V4	VALUES: SIMILARITY (current fit with others)	12
V5	VICTIM	14
W1	WAR	5
W2	WISDOM	2
W3	WORK: CAREER	2
W4	WORK: CONDITIONS	68
W5	WORK: ATTITUDES	347
W6	WORK: PERFORMANCE (current)	29
W7	WORRIES	31
XX	UNCLASSIFIED	25

Appendix 5: Related Subjects

<i>Subject</i>	<i>Related Subject(s)</i>
P1 PERSONALITY: HISTORY	A4.1.3 Stage of life
P1 PERSONALITY: HISTORY	M14.1.1 Earlier motivation
P1.1 Earlier personality organization	P3 PERSONALITY: CURRENT ORGANIZATION
P1.1 Earlier personality organization	P5.1 Later personality organization
P1.2 Earlier personality traits	P4 PERSONALITY: CURRENT TRAITS
P1.2 Earlier personality traits	P5.2 Later personality traits
P1.2.5 Earlier tendency to agree	P4.5 Agreeing, yea-saying
P1.2.7 Earlier anxiety	P4.7 Anxious
P1.2.8 Earlier assertiveness	P4.8 Assertive
P1.2.8 Earlier assertiveness	P4.54 Independent
P1.2.9 Earlier approval seeking	P4.9 Approval seeking
P1.2.14 Earlier cleverness	P4.14 Clever
P1.2.16 Earlier conscientiousness	P4.16 Conscientious
P1.2.17 Earlier sense of coherence	P3.2 Personality integration
P1.2.17 Earlier sense of coherence	P4.17 Coherence (sense of)
P1.2.36 Earlier emotionality	P4.36 Emotional

P1.2.40	Earlier fail-anxiety	P4.41	Fail anxious
P1.2.40	Earlier fail-anxiety	P5.2.40	Later fail-anxiousness
P1.2.54	Earlier independence	P4.54	Independent
P1.2.57	Earlier inhibition	P4.57	Inhibited
P1.2.58	Earlier inner-control	P4.58	Inner locus of control
P1.2.58	Earlier inner-control	P5.2.58	Later locus of control
P1.2.76	Earlier openness	P4.76	Open
P1.2.77	Earlier optimism	P4.77	Optimistic
P1.2.81	Earlier persistence	P4.81	Persistent
P1.2.85	Earlier positive thinking	P4.85	Positive reacting
P1.2.89	Earlier resignation	P4.89	Resigned
P1.2.96	Earlier need for self-actualization	P4.96	Self-actualization (need for)
P1.2.96	Earlier need for self-actualization	P5.2.96	Later need for self-actualisation
P1.2.100	Earlier self-confidence	P4.100	Self-confidant
P1.2.100	Earlier self-confidence	P5.2.100	Later self-confidence
P1.2.101	Earlier self-disclosing	P4.101	Self-disclosing
P1.2.108	Earlier hurriedness	P4.108	Speedy, hurried
P1.2.109	Earlier stability	P4.109	Stable
P1.2.113	Earlier tolerance	P4.113	Tolerant
P1.2.113	Earlier tolerance	P5.2.113	Later tolerance
P1.2.115	Earlier trust in people	P4.115	Trust in people
P1.2.115	Earlier trust in people	P5.2.115	Later trust
P1.2.117	Earlier vigor	P4.117	Vigorous

A report of the World Database of Happiness, Correlational Findings