Findings on Happiness & HAPPINESS CAREER

Correlate Code: H 5

Classification of Findings		Number of Studies
Correlate Code	*Correlate Name*	*on this Subject*
H 5	HAPPINESS CAREER	0
H 5.1	Perceived happiness career	1
H 5.1.1	Retrospective level of happiness (period unspecified)	1
H 5.1.1.1	. in recent past	8
H 5.1.1.2	. in specific periods in the past	4
H 5.1.1.3	. happiest period in life	2
H 5.1.1.4	. extremes of happiness experienced	5
H 5.1.2	Retrospective changes in happiness (unspecified)	1
H 5.1.2.1	. recent change	8
H 5.1.2.2	. long term change	1
H 5.1.2.3	. perceived stability of feelings about life	4
H 5.1.3	Expected level of happiness (period unspecified)	16
H 5.1.3.1	. in the near future (up to 5 years)	7
H 5.1.3.2	. in the long run	0
H 5.1.3.3	. in specific phases in the future	0
H 5.1.4	Expected change in happiness (period unspecified)	1
H 5.1.4.1	. in the near future (up to 5 years)	9
H 5.1.4.2	. in the long run	4
H 5.1.4.3	. in specific phases of life	0
H 5.2	Actual happiness-career (assessed in follow-up)	0
H 5.2.1	Actual level of earlier/later happiness3	0
H 5.2.1.1	. recent happiness (< 1 year ago)	22
H 5.2.1.2	. past happiness (1 to 10 years ago)	30
H 5.2.1.3	. long term happiness (< 10 years ago)	14
H 5.2.2	Actual changes in happiness	2
H 5.2.2.1	. change over life time	4
H 5.3	Attitudes to happiness career	0

Cite as:

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World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness
Erasmus University Rotterdam, 2003, Netherlands

Study   **BORTN 1974**   *Page in Report:*   539

Reported in:	Bortner, R.W. & Hultsch, D.F.
	Patterns of subjective deprivation in adulthood
	Development Psychology, 1974, vol. 10, p. 534 - 545
Population:	21+ aged, general public, USA, 1959
Sample:	
Non-Response:	17% incomplete information
N:	1294

Measured Correlate

Class: Perceived happiness career Code: H 5.1

Measurement:
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Ss were classified on the basis of present-self, past-self and
future-self ratings using the Cantril (1965) question on "best
possible life".
(See CANTR 1965)

TD  temporary deprivation:
    present lower than past: future
    higher than present

CD  continuous deprivation:
    present lower than past: future
    lower than present

GED great expectative deprivation:
    present higher than past: future
    higher than present

SND Stereotyped non-deprivation:
    present higher than past: future
    slightly higher than present

AD  anticipatory deprivation:
    present higher than past: future
    lower than present.
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
C-RG/h/sq/l/11/a	DM= +	p<.	Non-significant differences between TD and CD, between CD and GED and between SND and AD. Other differences are significant (05).
O-SLu/c/sq/l/11/a	DM= +	p<.	Non-significant differences between TD and CD, and between GED, SND and AD. Other differences are significant (05).

Study	**PEIL 1984**	*Page in Report:*	372

Reported in:	Peil,M.
	African urban life: components of satisfaction in Sierra Leone
	Social Indicators Research, Vol 14, 1984, pp.363-384.
Population:	Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981
Sample:	
Non-Response:	5% (on some items up to 60%)
N:	640

Measured Correlate

Class:	Retrospective level of happiness (period unspecified) Code: H 5.1.1
Measurement:	Direct question: "Has your life been disappointing/rewarding, enjoyable/ miserable, or in between?"
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/l/7/a	r=+	Males : r = +.32 Females: r = +.36

Study	**ANDRE 1976/4**	*Page in Report:*	78

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

Measured Correlate

Class:	. in recent past Code: H 5.1.1.1
Measurement:	Closed question: "Where was your life five years ago?" Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-BW/cy/sq/l/9/a	r=+.30	
O-DT/u/sq/v/7/a	mr=+.17	HAP 4.1 asked twice: at the beginning of the interview: r=+.18 at the end of the interview: r=+.16
O-DT/u/sqt/v/7/a	r=+.18	
O-GBB/u/sq/c/9/a	r=+.26	

Study **ANDRE 1976/5**

		Page in Report:	92

Reported in: Andrews, F.M. & Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976, New York, USA

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

Sample:

Non-Response:

N: 222

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Weighted sum of possible answers to closed question: "Think back
over what your life has been like during the past ten weeks. It
may help to try to remember some of the specific things that
happened to you, or which you did during this period. Your answers
should add up to ten weeks. For what part of the time did you feel
delighted about your life as a whole (answer A)... pleased
(B)...mostly satisfied (C)...
mixed-about equally satisfied and dissatisfied (D)...moslty
dissatisfied (E)...unhappy (F)...terrible (G)?"
Two measures were derived:
1. weighted sum: (1*A) + (2*B) + (3*C)
   + (4*D) + (5*E) + (6*F) + (7*G)
2. Regression weighted sum: 52.366 +
   (1.244*A) + (.869*B) - (1.507*E) -
   (2.373*F)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.60	Measure 1: (weighted sum) Index of positive affects: r=-.40
	r=+.60	Measure 2: (regression weighted sum) Index of negative affects: r=+.40
O-BW/cy/sq/l/9/a	r=+.50	Measure 1: (weighted sum)
	r=+.50	Measure 2: (regression weighted sum)

O-DT/u/sq/v/7/a	mr=+.50	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Measure 1: (simple weighted sum) HAP 4.1 asked first : r=+.50 HAP 4.1 asked second: r=+.50 HAP 4.1 asked third : r=+.50
	mr=+.57	Measure 2: (regression weighted sum) HAP 4.1 asked first : r=+.50 HAP 4.1 asked second: r=+.60 HAP 4.1 asked third : r=+.60
O-GBB/u/sq/c/9/a	r=+.40	Measure 1: (weighted sum)
	r=+.30	Measure 2: (regression weighted sum)
O-HL/c/sq/v/3/aa	r=-.50	Measure 1: (weighted sum)
	r=-.50	Measure 2: (regression weighted sum)
O-HL/u/sq/v/7/b	r=+.50	Measure 1: (weighted sum)
	r=+.50	Measure 2: (regression weighted sum)
O-SLW/u/sq/f/7/a	r=+.50	Measure 1: (weighted sum)
	r=+.50	Meausure 2: (regression weighted sum)

Study   **ANDRE 1976/5**

| | | *Page in Report:* | 92 |

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. in recent past Code: H 5.1.1.1
Measurement:	Single closed question rated on a graphic scale: "Where was your life five years ago?"
	Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.00	
O-BW/cy/sq/l/9/a	r=+.20	
O-DT/u/sq/v/7/a	mr=+.13	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.10 HAP 4.1 asked second: r=+.10 HAP 4.1 asked third : r=+.20
O-GBB/u/sq/c/9/a	r=+.20	
O-HL/c/sq/v/3/aa	r=-.00	
O-HL/u/sq/v/7/b	r=+.10	
O-SLW/u/sq/f/7/a	r=+.20	

Study	**BORTN 1970**	*Page in Report:*	44

Reported in: Bortner, R.W. & Hultsch, D.F.
A multivariate analysis of correlates of life satisfaction in adulthood
Journal of Gerontology, 1970, vol. 25, p. 41-47

Population: 21+ aged, general public, USA 1959

Sample:

Non-Response: 9%

N: 1406

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Closed question rated on an 11-point self-anchoring scale, (Cantril past personal rating; see CANTR, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
C-RG/h/sq/l/11/a	r=+.18	
O-BW/c/sq/l/11/a	r=+.36	
O-SLu/c/sq/l/11/a	r=+.11	

| **Study** | **GORMA 1971** | *Page in Report:* | 215/-216 |

Reported in: Gorman, B.S.
A multivariate study of the relationship of cognitive control and cognitive style
Unpublished doctoral dissertation, 1971, City University of New York, USA

Population: Undergraduate students, Nassau Community College, USA, 1970

Sample:

Non-Response: 4%, 3% refusal,
1% incomplete
information

N: 67

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Closed question rated on an 11-point self-anchoring scale (Cantril past per- sonal rating).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-ARE/md/sqr/v/10/	r=+.00	ns
O-BW/c/sq/l/11/b	r=+.27	p<. 05

Study	**HALMA 1987**	*Page in Report:*	373

Reported in: Halman, L., Heunks, F., de Moor, R. and Zanders, H.
Traditie, secularisatie en individualisering. A study into the values of the Dutch in a
Tilburg University Press, Tilburg, The Netherlands, 187-215 283-325 and 368-379

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

Sample:

Non-Response:

N: 12464

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: Direct question, rated on a 10 point scale (higher numbers
indicating higher satisfaction in past):"How satisfied or
dissatisfied would you say you were 5 years back?".

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/u/sq/v/4/a	Beta=<.1	France
	Beta=<.1	Great-Britain
	Beta=<.1	West Germany
	Beta=<.1	Italy
	Beta=<.1	Netherlands
	Beta=<.1	Denmark
	Beta=<.1	Belgium
	Beta=+.1	Spain
	Beta=+.1	Ireland
	Beta=<.1	Northern Ireland

	Beta=<.1	EC

ß controlled for:
life satisfaction(HAPP 2.1), affect(AFF 2.3);
satisfaction with health,income and family life;
age, income, education, male sex, marital status,
having children, work; urbanisation, type of
dwelling, own home, religiousness, social
participation; uncertainty about future, expected
negative changes in income; satisfaction 5 years in
future; tolerance, loneliness, misantropy, hopeless
about life and sense of control.

O-SLW/c/sq/n/10/aa	Beta=+.1	France
	Beta=+.1	Great-Britain
	Beta=+.1	West Germany
	Beta=+.1	Italy
	Beta=+.1	Netherlands
	Beta=+.1	Denmark
	Beta=+.2	Belgium
	Beta=+.3	Spain
	Beta=+.2	Ireland
	Beta=<.1	Northern Ireland
	Beta=+.1	EC

ß's controlled for happiness(HAPP 1.1), affect(AFF
2.3); satisfaction with health,income and family
life; age, income, education, marital status,
having children, male sex, work; urbanisation, type
of dwelling, own home, religiousness, social
participation; uncertainty about future, expected
negative changes in income; satisfaction 5 years in
future; tolerance, loneliness, misantropy, hopeless
about life and sense of control.

Study   **VENTE 1997**   *Page in Report:*   84,86

Reported in: Ventegodt, S.

                   Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in
                   Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark,
                   ISBN 8790190130

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Measured Correlate

Class: . in recent past Code: H 5.1.1.1

Measurement: the beginning of life: overview (mean of 3 domains)
                   1a: very poor
                   2a: poor
                   3a: neither/nor
                   4a: good
                   5a: very good
                   the beginning of life: overview(extremized)
                   1b: very poor
                   2b: poor
                   3b: neither/nor
                   4b: good
                   5b: very good

Measured Values: N: all a:4355, %:1a:3, 2a:15, 3a:35, 4a: 36, 5a:12
                   N: all b:4355, %:1b:-, 2b:0,4, 3b:80, 4b:19, 5b:1

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-AOL/m/sq/v/5/a	r=+.00	ns	1a: Mt=7.74
			2a: Mt=7.73
			3a: Mt=7.70
			4a: Mt=7.75
			5a: Mt=7.74
			All Mt=7.73
	r=+.01	ns	1b: Mt=-
			2b: Mt=7.81
			3b: Mt=7.71
			4b: Mt=7.81
			5b: Mt=7.39
			All Mt=7.73

O-HL/c/sq/v/5/h   r=+.01   ns   1a: Mt=6.91
                                                    2a: Mt=7.01
                                                    3a: Mt=6.96
                                                    4a: Mt=7.08
                                                    5a: Mt=6.96
                                                    AI I Mt=7.01

                        r=+.01   ns   1b: Mt=-
                                                    2b: Mt=7.35
                                                    3b: Mt=6.99
                                                    4b: Mt=7.14
                                                    5b: Mt=6.16
                                                    AI I Mt=7.01

O-SLu/c/sq/v/5/e   r=+.01   ns   1a: Mt=7.35
                                                    2a: Mt=7.38
                                                    3a: Mt=7.39
                                                    4a: Mt=7.43
                                                    5a: Mt=7.40
                                                    AI I Mt=7.40

                        r=+.01   ns   1b: Mt=-
                                                    2b: Mt=7.35
                                                    3b: Mt=7.39
                                                    4b: Mt=7.49
                                                    5b: Mt=7.05
                                                    AI I Mt=7.40

Study	**ZUMA 1989**	*Page in Report:*
Reported in:	Zentrum fur Umfrageforschung MAnnheim (ZUMA) Wohlfahrtsurveys 1978,1980,1984,1988. Unpublished data-set. Especially prepared for the World Database of Happiness.	
Population:	18+ aged, general public, West-Germany, 1978-88	
Sample:		
Non-Response:	?	
N:	varies from about 2000 - 2300	

Measured Correlate

Class:	. in recent past Code: H 5.1.1.1
Measurement:	Question :' What do you think, how satisfied were you with your life, 5 years ago ? ' 0 very unsatisfied 10 very satisfied
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/4/b	SNR=	

	eta	G	r	ß
1978	+.20	+.25	+.17	+.20
1980	+.20	+.26	+.17	+.20
1984	+.19	+.25	+.16	+.18
1988	+.20	+.23	+.14	+.21

ß's controlled for age, gender, perceived class and marital status.

Happiness Query	Statistics	Remarks
O-SLW/c/sq/n/11/b	SNR=	

	eta	G	r	ß
1978	+.52	+.55	+.50	+.51
1980	+.48	+.48	+.43	+.48
1984	+.43	+.46	+.38	+.42
1988	+.48	+.73	+.69	+.49

ß's controlled for age, gender, perceived class and marital status.

Study	**ABRAM 1972**	*Page in Report:*	21

Reported in: Abrams, M.& Hall, J.

The condition of the British people: report on a pilot survey using self-rating scales. Unpublished paper, Soc.Science Research Council,1972 London.Partly reported in Stöber et al.,1973.

Population: 15+ aged, general public, Britain, 1971

Sample:

Non-Response:

N: 213

Measured Correlate

Class: . in specific periods in the past Code: H 5.1.1.2

Measurement: Past happiness rated on an 11-point self-anchoring scale (Cantril, 1965).
Ss were shown a ladder going from complete dissatisfaction, 0 to complete satisfaction, 10 and asked: "Where would you put yourself as you were about 4 or 5 years ago?"

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/l/11/b	r=+.62	

Study	**CRITE 1977**	*Page in Report:*	721

Reported in:	Critelli, J.W.
	Romantic attraction and happiness
	Psychological Reports; 1977; vol.41; p.721-722
Population:	Dating couples, midwest university, USA, 1975
Sample:	
Non-Response:	
N:	61

Measured Correlate

Class:	. in specific periods in the past Code: H 5.1.1.2
Measurement:	Question on how happy respondents were at time just before dating partner:
	Unhappy, not very happy, fairly happy,
	happy, very happy
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*		
O-H?/c/sq/v/5/a	r=+	Males	r=+.09	(ns)
		Females	r=+.27	(05)

Study	**ORMEL 1980**	*Page in Report:*	351

Reported in:	Ormel,H.
	Moeite met leven of een moeilijk leven (Difficulty in livingor a difficult life)
	Dissertation 1980, University of Groningen,the Netherlands, publisher: Konstapel, Groningen,the Netherlands.
Population:	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77
Sample:	
Non-Response:	18%
N:	296

Measured Correlate

Class:	. in specific periods in the past Code: H 5.1.1.2
Measurement:	Rated by the interviewer on a 3-point scale (3=unhappy). Assessed at T2(1976)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-BB/cw/mq/v/4/c	r=-.24	p<.01	T2 happiness by T2 unhappy childhood as judged by Ss.
	r=-.24	p<.01	T2 happiness by T2 unhappy childhood as judged by interviewer.

Study	**WESSM 1956**	*Page in Report:*	192

Reported in: Wessman, A.E.
A psychological inquiry into satisfaction and happiness
Unpublished doctoral dissertation, 1956, Princeton   University, U.S.A.

Population: 21+ aged, general public, non-institutionalized, USA, 1946

Sample:

Non-Response: -

N: 2377

Measured Correlate

Class: . in specific periods in the past Code: H 5.1.1.2

Measurement:
```
Question whether one was happier when single:
0 No
1 Yes
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/g/sq/v/3/c	G=+.39 p<.01	Computed for marrieds only

Study	**WESSM 1956**	*Page in Report:*	220

Reported in: Wessman, A.E.
A psychological inquiry into satisfaction and happiness
Unpublished doctoral dissertation, 1956, Princeton   University, U.S.A.

Population: 21+ aged, general public, non-institutionalized, USA, 1946

Sample:

Non-Response: -

N: 2377

Measured Correlate

Class: . happiest period in life Code: H 5.1.1.3

Measurement: Open-ended direct question:
"Other periods vs period mentioned."

  a. Childhood, school days, college,
     when I was single

  b. Now, recently, until now

  c. Married life

  d. Having babies, raising children,
     when children were small

  e. Failing in love, getting married,
     early married life

  f. When family was together, before
     husband or wife died

  g. Early working days

  h. Always happy

  i. Never happy

  j. No opinion

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HL/g/sq/v/3/c	G=-.32	p<. 01	a.
	G=+.23	p<. 01	b.
	G=+.36	p<. 01	c.
	G=+.10	ns	d.
	G=-.07	ns	e.
	G=-.16	ns	f.
	G=-.48	p<. 01	g.
	G=+.47	p<. 01	h.
	G=-1.0	p<. 01	i.
	G=-.37	p<. 01	j.

Study	**WESSM 1956**	*Page in Report:*	221

Reported in: Wessman, A.E.
A psychological inquiry into satisfaction and happiness
Unpublished doctoral dissertation, 1956, Princeton   University, U.S.A.

Population: 21+ aged, general public, non-institutionalized, USA, 1946

Sample:

Non-Response: -

N: 2377

Measured Correlate

Class: . happiest period in life Code: H 5.1.1.3

Measurement:
```
A.   Marriage and family life (3+4+5+6)

B.   Childhood, youth and early adult-
     hood (1+7)

C.   Other and no opinion
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/g/sq/v/3/c	G=+.17 p<.01	
	G=-.35 p<.01	
	G=-.05 ns	

Study	**ANDRE 1976/4**	*Page in Report:*	78

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

Measured Correlate

Class:	. extremes of happiness experienced Code: H 5.1.1.4
Measurement:	Closed question: "Where on the ladder was your worst week in the past year - on which rung?" Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/cy/sq/l/9/a	r=+.52	
O-DT/u/sq/v/7/a	mr=+.31	HAP 4.1 asked twice: at the beginning of the interview: r=+.32 at the end of the interview: r=+.30
O-DT/u/sqt/v/7/a	r=+.33	
O-GBB/u/sq/c/9/a	r=+.41	

Study · **ANDRE 1976/4**

		Page in Report:	78

Reported in: Andrews, F.M. & Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976, New York, USA

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

Sample:

Non-Response: 26%

N: 1433

Measured Correlate

Class: . extremes of happiness experienced Code: H 5.1.1.4

Measurement:
```
Closed question: "Where on the ladder was your best week in the
past year
-on which rung would you put it?"
Rated on a 9-point graphic scale ranging from best life (9) to
worst life (1). (HAP 3.1)
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Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/cy/sq/l/9/a	r=+.68	
O-DT/u/sq/v/7/a	mr=+.45	HAP 4.1 asked twice: at the beginning of the interview: r=+.45 at the end of the interview: r=+.44
O-DT/u/sqt/v/7/a	r=+.48	
O-GBB/u/sq/c/9/a	r=+.52	

Study	**ANDRE 1976/4**	*Page in Report:* 78

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

Measured Correlate

Class:	. extremes of happiness experienced Code: H 5.1.1.4

Measurement:
```
Difference in response to two questions
1. "Where on the ladder was your best
   week in the past year - on which
   rung would you put it?"
2. "Where on the ladder was your worst
   week during the past year - on
   which rung?"
Both rated on a 9-point graphic scale
ranging from best life (9) to worst life (1). (HAP 3.1)
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/cy/sq/l/9/a	r=+.00	
O-DT/u/sq/v/7/a	mr=+.04	HAP 4.1 asked twice: at the beginning of the interview: r=+.03 at the end of the interview: r=+.04
O-DT/u/sqt/v/7/a	r=+.04	
O-GBB/u/sq/c/9/a	r=+.00	

Study	**ANDRE 1976/5**	*Page in Report:*	92

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. extremes of happiness experienced Code: H 5.1.1.4
Measurement:	Closed question rated on a graphic scale: "Where on the ladder was your best week in the past year - on which rung would you put it?" Rated on a 9-point scale ranging from best life (9) to worst life (0). (HAP 3.1)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.50	
O-DT/u/sq/v/7/a	mr=+.27	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Correlations with HAP 3.1 (asked once): HAP 4.1 asked first : r=+.30 HAP 4.1 asked second: r=+.20 HAP 4.1 asked third : r=+.30
O-GBB/u/sq/c/9/a	r=+.30	
O-HL/c/sq/v/3/aa	r=-.20	
O-HL/u/sq/v/7/b	r=+.30	
O-SLW/u/sq/f/7/a	r=+.30	

Study	**ANDRE 1976/5**	*Page in Report:* 92

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. extremes of happiness experienced Code: H 5.1.1.4
Measurement:	Closed question rated on a graphic scale: "Where on the ladder was your worst week - on which rung?" Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.40	
O-DT/u/sq/v/7/a	mr=+.30	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. Correlations with HAP 3.1 (asked once): HAP 4.1 asked first : r=+.30 HAP 4.1 asked second: r=+.30 HAP 4.1 asked third : r=+.30
O-GBB/u/sq/c/9/a	r=+.20	
O-HL/c/sq/v/3/aa	r=-.20	
O-HL/u/sq/v/7/b	r=-.40	
O-SLW/u/sq/f/7/a	r=+.20	

Study   **HALMA 1987**

Reported in: Halman, L., Heunks, F., de Moor, R. and Zanders, H.

Traditie, secularisatie en individualisering. A study into the values of the Dutch in a

Tilburg University Press, Tilburg, The Netherlands, 187-215 283-325 and 368-379

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

Sample:

Non-Response:

N: 12464

Measured Correlate

Class: Retrospective changes in happiness (unspecified) Code: H 5.1.2

Measurement:
```
Three direct questions, each rated on a 10 point scale: "How
satisfied or dissatisfied are you with your life as a whole these
days?", "And how about your life five years back?" and "How
satisfied or dissatisfied you think you'll be five years from
now?".

Respondents were grouped into 9 categories to present satisfaction
with life being:
1 Higher than past, lower than future
2 Higher than past, equal to future
3 Higher than past, higher than future
4 Equal to past, lower than future
5 Equal to past, equal to future
6 Equal to past, higher than future
7 Lower than past, lower than future
8 Lower than past, equal to future
9 Lower than past, higher than future
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/u/sq/v/4/a	DMt=	``` 1 Mt'=7.36 2 Mt'=7.94 3 Mt'=7.51 4 Mt'=7.16 5 Mt'=7.74 6 Mt'=7.34 7 Mt'=6.52 8 Mt'=6.28 9 Mt'=6.55 ```

```
Conclusion: Respondents with higher or equal
```

satisfaction "now" compared to the "past", are
happier than those with lower satisfaction
regardless of expectations about the future.

Study	**ABRAM 1972**	*Page in Report:*	21

Reported in:	Abrams, M.& Hall, J.
	The condition of the British people: report on a pilot survey using self-rating scales. Unpublished paper, Soc.Science Research Council,1972 London.Partly reported in Stöber et al.,1973.
Population:	15+ aged, general public, Britain, 1971
Sample:	
Non-Response:	
N:	213

Measured Correlate

Class:	. recent change Code: H 5.1.2.1
Measurement:	Difference in scores on questions on satisfaction with life now, and 5 years ago. Each rated on an 11-point self-anchoring scale (Cantril,1965)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/l/11/b	r=+.62	

Study	**ABRAM 1972**	*Page in Report:*	21

Reported in:	Abrams, M.& Hall, J.
	The condition of the British people: report on a pilot survey using self-rating scales. Unpublished paper, Soc.Science Research Council,1972 London.Partly reported in Stöber et al.,1973.
Population:	15+ aged, general public, Britain, 1971
Sample:	
Non-Response:	
N:	213

Measured Correlate

Class:	. recent change Code: H 5.1.2.1
Measurement:	Closed question on satisfaction now compared with 4 or 5 years ago lot less / little less / same /little more / lot more
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/l/11/b	r=+.40	

Study	**ANDRE 1976/4**	*Page in Report:*	78

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

Measured Correlate

Class:	. recent change Code: H 5.1.2.1

Measurement:	Difference in response to the following questions:
	1. "Where was your life most of the
	   time during the past year?"
	2. "Where was your life five years
	   ago?"
	Both rated on a 9-point graphic scale ranging from best life (9)
	to worst life (1). (HAP 3.1)

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/cy/sq/l/9/a	r=+.37	
O-DT/u/sq/v/7/a	mr=+.18	HAP 4.1 asked twice: at the beginning of the interview: r=+.17 at the end of the interview: r=+.18
O-DT/u/sqt/v/7/a	r=+.19	
O-GBB/u/sq/c/9/a	r=+.15	

Study **ANDRE 1976/5**

		Page in Report:	92

Reported in: Andrews, F.M. & Withey, S.B.
Social Indicators of Well-being: Americans' Perceptions of Life Quality
Plenum Press, 1976, New York, USA

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

Sample:

Non-Response:

N: 222

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement:
```
Difference in response to two
questions:
1. "Where was your life most of the
   time during the past year?"
2. "Where was your life five years
   ago?"
Rated on a 9-point graphic scale ranging from best life (9) to
worst life (0). (HAP 3.1)
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.40	

O-DT/u/sq/v/7/a	mr=+.20	```HAP 4.1 asked thrice during the interview:```
		```at the beginning, in the middle and at the end.```
		```HAP 4.1 asked first : r=+.20```
		```HAP 4.1 asked second: r=+.20```
		```HAP 4.1 asked third : r=+.20```

O-GBB/u/sq/c/9/a	r=+.10	
O-HL/c/sq/v/3/aa	r=-.20	
O-HL/u/sq/v/7/b	r=+.20	
O-SLW/u/sq/f/7/a	r=+.20	

Study	**ANDRE 1976/5**	*Page in Report:*	92

Reported in:	Andrews, F.M. & Withey, S.B. Social Indicators of Well-being: Americans' Perceptions of Life Quality Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. recent change Code: H 5.1.2.1
Measurement:	Difference in response to two single direct questions: 1. "Where on the ladder was your best week in the past year - on which rung would you put it?" 2. "Where on the ladder was your worst week during the past year - on which rung?" Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=-.10	
O-BW/cy/sq/l/9/a	r=-.00	
O-DT/u/sq/v/7/a	mr=-.00	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=-.00 HAP 4.1 asked second: r=-.00 HAP 4.1 asked third : r=-.00
O-GBB/u/sq/c/9/a	r=-.00	
O-HL/c/sq/v/3/aa	r=+.10	
O-HL/u/sq/v/7/b	r=-.00	
O-SLW/u/sq/f/7/a	r=-.00	

Study   **BORTN 1970**

Page in Report: 44

Reported in:	Bortner, R.W. & Hultsch, D.F.
	A multivariate analysis of correlates of life satisfaction in adulthood
	Journal of Gerontology, 1970, vol. 25, p. 41-47
Population:	21+ aged, general public, USA 1959
Sample:	
Non-Response:	9%
N:	1406

Measured Correlate

Class:	. recent change Code: H 5.1.2.1
Measurement:	Difference in scores on questions on satisfaction with life now, and 5 years ago (Cantril present and past personal ratings; see CANTR, 1965).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
C-RG/h/sq/l/11/a	r=+.16	
O-BW/c/sq/l/11/a	r=+.24	
O-SLu/c/sq/l/11/a	r=+.45	

Study	**GORMA 1971**	*Page in Report:*	215-216

Reported in: Gorman, B.S.
A multivariate study of the relationship of cognitive control and cognitive style
Unpublished doctoral dissertation, 1971, City University of New York, USA

Population: Undergraduate students, Nassau Community College, USA, 1970

Sample:

Non-Response: 4%, 3% refusal,
1% incomplete
information

N: 67

Measured Correlate

Class: . recent change Code: H 5.1.2.1

Measurement: Actual differences in scores on questions on satisfaction with life now, and 5 years ago (Cantril present and past personal ratings; see Cantril, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-ARE/md/sqr/v/10/	r=+.03	ns	
O-BW/c/sq/l/11/b	r=+.09	ns	See also "Perceived past happiness" (H 1.4.1)

Study	**HEADE 1986**	*Page in Report:*	21

Reported in:	Headey, B.; Wearing, A.
	Chains of well-being, chains of ill-being: An Australian Panel Study, 1981-1985
	Paper presented at Conference of the International Sociological Association , Quality of Life Panel, New Delhi, 18-24 August, 1986
Population:	18-65 aged, general public, Victoria, Australia, followed from 1981 to 1985 in two 24 months periods
Sample:	Probability stratified sample
Non-Response:	0
N:	942

Measured Correlate

Class:	. recent change Code: H 5.1.2.1
Measurement:	Happiness was measured by asking twice in the interview:
	"How do you feel about your life as a whole......?"
	Scored on a 1-7 DT rating scale, taking the arithmetic mean
Measured Values:	
Error Estimates:	
Remarks:	Happiness was assessed at 1981, 1983 and 1985

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sqt/v/7/a	r=+.63	Happiness at T1 by Happiness at T2 (24 months)
	r=+.56	Happiness at T2 by Happiness at T3 (24 months)
	r=+.43	Happiness at T1 by Happiness at T3 (48 months)

Happiness was assessed at 1981, 1983 and 1985

| **Study** | **NEAR 1978** | *Page in Report:* | 251 |

Reported in: Near, J.P., Rice, R.W. & Hunt, R.G.
Work and extra-work correlates of life and job satisfaction
Academy of management Journal, vol.21, 1978, p. 248-264

Population: Adult, general public, Western New York State, USA, 1975

Sample:

Non-Response:

N: 384

Measured Correlate

Class: . long term change Code: H 5.1.2.2

Measurement: `'Over your lifetime, has the quality of  your life: improved/ stayed the same/  gotten worse'`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/c/sq/v/5/d	r=+.31 p<.001	

Study	**ANDRE 1976/5**	*Page in Report:*	92

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. perceived stability of feelings about life Code: H 5.1.2.3
Measurement:	Closed question on variability in feelings about life, rated on a 7-point scale: up and down and changing...even and steady and stays the same."
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.20	Index of positive affects: r=-.10 Index of negative affects: r=-.30
O-BW/cy/sq/l/9/a	r=+.10	
O-DT/u/sq/v/7/a	mr=+.17	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.20 HAP 4.1 asked second: r=+.20 HAP 4.1 asked third : r=+.10
O-GBB/u/sq/c/9/a	r=-.00	
O-HL/c/sq/v/3/aa	r=-.10	
O-HL/u/sq/v/7/b	r=+.10	
O-SLW/u/sq/f/7/a	r=+.10	

Study	**ANDRE 1976/5**	*Page in Report:*	92

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. perceived stability of feelings about life Code: H 5.1.2.3
Measurement:	Closed question: "Please indicate how much your feelings about life as a whole change from month to month", rated on a 7-point scale, ranging from "my feelings about this never change" to "my feelings about this change a great deal".
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=-.30	Index of positive affects: r=-.20 Index of negative affects: r=+.20
O-BW/cy/sq/l/9/a	r=-.20	
O-DT/u/sq/v/7/a	mr=-.27	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=-.30 HAP 4.1 asked second: r=-.20 HAP 4.1 asked third : r=-.30
O-GBB/u/sq/c/9/a	r=-.20	
O-HL/c/sq/v/3/aa	r=+.20	
O-HL/u/sq/v/7/b	r=-.30	
O-SLW/u/sq/f/7/a	r=-.20	

| **Study** | **ANDRE 1976/5** | *Page in Report:* | 92 |

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. perceived stability of feelings about life Code: H 5.1.2.3
Measurement:	Closed question on variability in feelings about life, rated on a 7-point scale: up and down and changing...even and steady and stays the same."
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sq/v/7/a	mr=+.17	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.20 HAP 4.1 asked second: r=+.20 HAP 4.1 asked third : r=+.10

Study	**ANDRE 1976/5**	*Page in Report:*	92

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. perceived stability of feelings about life Code: H 5.1.2.3
Measurement:	Closed question: "Please indicate how much your feelings about life as a whole change from month to month", rated on a 7-point scale, ranging from "my feelings about this never change" to "my feelings about this change a great deal".
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-DT/u/sq/v/7/a	mr=-.27	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=-.30 HAP 4.1 asked second: r=-.20 HAP 4.1 asked third : r=-.30

Study	**KAMMA 1983/2**	*Page in Report:*	75

Reported in:	Kammann, R,; Flett, R.
	Sourcebook for Measuring Well-being with Affectometer 2.
	Why Not? Foundation, Dunedin, New Zealand.
Population:	18+ aged, general public, Dunedin, New Zealand, 1983
Sample:	
Non-Response:	52%
N:	112

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Single direct question how one felt during the instructed time period (or otherwise in the past few weeks): "My future looks good" Rated on a 5-point scale ranging from 'not at all' to 'all the time'

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BK/cm/mq/v/5/a	r=+.61	p<.01	
M-FH/c/sq/v/7/a	r=+.64	p<.01	

Study	**KAMMA 1983/2**	*Page in Report:*	74

Reported in:	Kammann, R,; Flett, R.
	Sourcebook for Measuring Well-being with Affectometer 2.
	Why Not? Foundation, Dunedin, New Zealand.
Population:	18+ aged, general public, Dunedin, New Zealand, 1983
Sample:	
Non-Response:	52%
N:	112

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Single direct question how one felt during the instructed time period (or otherwise in the past few weeks):
	"I feel as though the best years of my life are over"
	Rated on a 5-point scale ranging from
	'not at all' to 'all the time'

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BK/cm/mq/v/5/a	r=-.43	p<.01	
M-FH/c/sq/v/7/a	r=-.35	p<.01	

Study   **LEISU 1980/1**   *Page in Report:*   41/5

Reported in:	The Leisure Development Center, 1980
	A 13 country survey of values.
	Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo.
Population:	18+ aged, general public, Australia, 1979
Sample:	
Non-Response:	
N:	1104

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Single direct question: "How much hope or expectation do you have for your future life?" 1. not hopeful at all 2. fairly hopeless 3. neither hopeful nor hopeless 4. fairly hopefull 5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/e	G=+.51 p<.01	
	tb=+.32 p<.01	
O-SLu/c/sq/v/5/a	G=+.52 p<.01	
	tb=+.31 p<.01	

Study   **LEISU 1980/2**

Page in Report: 99/103

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: Adult, general public, metropolitan areas Brazil, 1979

Sample:

Non-Response:

N: 1000

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
1. not hopeful at all
2. fairly hopeless
3. neither hopeful nor hopeless
4. fairly hopefull
5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/5/e	G=+.39 p<.01	
	tb=+.24 p<.01	
O-SLu/c/sq/v/5/a	G=+.34 p<.01	
	tb=+.22 p<.01	

Study   **LEISU 1980/3**

Reported in: The Leisure Development Center.

A 13 country survey of values

Table book for the 1980 International Conference on Human Values, The Leisure Development Center, Tokyo

Population: 18+ aged, general public, Canada, 1979

Sample:

Non-Response:

N: 1012

Page in Report: 157/161

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
1. not hopeful at all
2. fairly hopeless
3. neither hopeful nor hopeless
4. fairly hopefull
5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/5/e	G=+.19 p<.01	
	tb=+.11 p<.01	
O-SLu/c/sq/v/5/a	G=+.53 p<.01	
	tb=+.32 p<.01	

Study	**LEISU 1980/4**	*Page in Report:*	215/9

Reported in:	The Leisure Development Center, 1980
	A 13 country survey of values
	Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo
Population:	18+ aged, general public, France, 1979
Sample:	
Non-Response:	
N:	

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Single direct question: "How much hope or expectation do you have for your future life?"

```
1. not hopeful at all
2. fairly hopeless
3. neither hopeful nor hopeless
4. fairly hopefull
5. very hopeful
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/e	G=+.30 p<.01	
	tb=+.21 p<.01	
O-SLu/c/sq/v/5/a	G=+.17 p<.01	
	tb=+.12 p<.01	

Study **LEISU 1980/5**

Page in Report: 273/7

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo.

Population: 18+ aged, general public, India, 1979

Sample:

Non-Response:

N: 1000

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
1. not hopeful at all
2. fairly hopeless
3. neither hopeful nor hopeless
4. fairly hopefull
5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/5/e	G=+.50 p<.01	
	tb=+.35 p<.01	
O-SLu/c/sq/v/5/a	G=+.51 p<.01	
	tb=+.34 p<.01	

Study	**LEISU 1980/6**	*Page in Report:*	331/5

Reported in:	The Leisure Development Center, 1980
	A 13 country survey of values
	Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo
Population:	18+ aged, general public, Italy, 1979
Sample:	
Non-Response:	
N:	1042

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Single direct question: "How much hope or expectation do you have for your future life?" 1. not hopeful at all 2. fairly hopeless 3. neither hopeful nor hopeless 4. fairly hopefull 5. very hopeful
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/5/e	G=+.36 p<.01	
	tb=+.25 p<.01	
O-SLu/c/sq/v/5/a	G=+.32 p<.01	
	tb=+.22 p<.01	

Study	**LEISU 1980/7**	*Page in Report:*	389/93

Reported in:	The Leisure Development Center, 1980
	A 13 country survey of values
	Tablebook for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo
Population:	18+ aged, general public, Japan, 1979
Sample:	
Non-Response:	
N:	1574

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Single direct question: "How much hope or expectation do you have for your future life?" 1. not hopeful at all 2. fairly hopeless 3. neither hopeful nor hopeless 4. fairly hopefull 5. very hopeful
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/e	G=+.50 p<.01	
	tb=+.34 p<.01	
O-SLu/c/sq/v/5/a	G=+.49 p<.01	
	tb=+.33 p<.01	

| **Study** | **LEISU 1980/8** | *Page in Report:* | 447/51 |

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, Phillippines, 1979

Sample:

Non-Response:

N: 996

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
1. not hopeful at all
2. fairly hopeless
3. neither hopeful nor hopeless
4. fairly hopefull
5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/e	G=+.26 p<.01	
	tb=+.16 p<.01	
O-SLu/c/sq/v/5/a	G=+.31 p<.01	
	tb=+.20 p<.01	

Study   **LEISU 1980/9**   *Page in Report:*   505/9

Reported in: The Leisure Development Center, 1980
                   A 13 country survey of values
                   Tablebook for the 1980 International Conference on Human Values. The Leisure
                   Development Center, Tokyo

Population: 18+ aged, general public, Singapore, 1979

Sample:

Non-Response:

N: 1006

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have
                   for your future life?"
                   1. not hopeful at all
                   2. fairly hopeless
                   3. neither hopeful nor hopeless
                   4. fairly hopefull
                   5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query   *Statistics*   *Remarks*

O-HL/c/sq/v/5/e   G=+.56   p<.01

                       tb=+.26   p<.01

O-SLu/c/sq/v/5/a   G=+.53   p<.01

                       tb=+.24   p<.01

Study **LEISU1980/10**

Page in Report: 563/7

Reported in:	The Leisure Development Center, 1980
	A 13 country survey of values
	Tablebook for the 1980 International Conference on Human Values.The Leisure Development Center, Tokyo
Population:	18+ aged, general public, urban areas, South Korea, 1972
Sample:	
Non-Response:	
N:	997

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Single direct question: "How much hope or expectation do you have for your future life?"

```
1. not hopeful at all
2. fairly hopeless
3. neither hopeful nor hopeless
4. fairly hopefull
5. very hopeful
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/5/e	G=+.32 p<.01	
	tb=+.18 p<.01	
O-SLu/c/sq/v/5/a	G=+.29 p<.01	
	tb=+.17 p<.01	

Study	**LEISU1980/11**	*Page in Report:*	621/5

Reported in:	The Leisure Development Center, 1980
	A 13 country survey of values
	Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo
Population:	18+ aged, general public, United Kingdom, 1972
Sample:	
Non-Response:	
N:	987

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Single direct question: "How much hope or expectation do you have for your future life?" 1. not hopeful at all 2. fairly hopeless 3. neither hopeful nor hopeless 4. fairly hopefull 5. very hopeful
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/5/e	G=+.53 p<.01	
	tb=+.35 p<.01	
O-SLu/c/sq/v/5/a	G=+.53 p<.01	
	tb=+.34 p<.01	

Study   **LEISU1980/12**   *Page in Report:*   679/83

Reported in: The Leisure Development Center, 1980

A 13 country survey of values

Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, USA, 1979

Sample:

Non-Response:

N: 1127

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement: Single direct question: "How much hope or expectation do you have for your future life?"
1. not hopeful at all
2. fairly hopeless
3. neither hopeful nor hopeless
4. fairly hopefull
5. very hopeful

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/5/e	G=+.54 p<.01	
	tb=+.33 p<.01	
O-SLu/c/sq/v/5/a	G=+.60 p<.01	
	tb=+.37 p<.01	

Study	**LEISU1980/13**	*Page in Report:*	737/41

Reported in: The Leisure Development Center, 1980
A 13 country survey of values
Table book for the 1980 International Conference on Human Values. The Leisure Development Center, Tokyo

Population: 18+ aged, general public, West Germany, 1979

Sample:

Non-Response:

N: 1020

Measured Correlate

Class: Expected level of happiness (period unspecified) Code: H 5.1.3

Measurement:
```
Single direct question: "How much hope or expectation do you have
for your future life?"
1. not hopeful at all
2. fairly hopeless
3. neither hopeful nor hopeless
4. fairly hopefull
5. very hopeful
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/5/e	G=+.64 p<.01	
	tb=+.41 p<.01	
O-SLu/c/sq/v/5/a	G=+.56 p<.01	
	tb=+.35 p<.01	

Study	**PEIL 1984**	*Page in Report:*	372

Reported in:	Peil,M.
	African urban life: components of satisfaction in Sierra Leone
	Social Indicators Research, Vol 14, 1984, pp.363-384.
Population:	Adult, general public, urban areas (Freetown, Bo and Kenema), Sierra Leone, 1981
Sample:	
Non-Response:	5% (on some items up to 60%)
N:	640

Measured Correlate

Class:	Expected level of happiness (period unspecified) Code: H 5.1.3
Measurement:	Direct question: "Will your life be disappointing/rewarding, enjoyable/ miserable, or in between?".
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/l/7/a	r=+	Males : r = +.52 Females: r = +.46

Study	**ANDRE 1976/4**	*Page in Report:*	78

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

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.3.1
Measurement:	Single closed question: "Where do you expect your life to be five years from now?" Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/cy/sq/l/9/a	r=+.48	
O-DT/u/sq/v/7/a	mr=+.42	HAPP 3.1a asked twice: at the beginning of the interview: r=+.42 at the end of the interview: r=+.42
O-DT/u/sqt/v/7/a	r=+.45	
O-GBB/u/sq/c/9/a	r=+.42	

Study	**ANDRE 1976/5**	*Page in Report:*	92

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.3.1
Measurement:	Single closed question rated on a graphic scale: "Where do you expect your life to be five years from now?" Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.40	
O-DT/u/sq/v/7/a	mr=+.37	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.40 HAP 4.1 asked second: r=+.40 HAP 4.1 asked third : r=+.30
O-GBB/u/sq/c/9/a	r=+.30	
O-HL/c/sq/v/3/aa	r=-.30	
O-HL/u/sq/v/7/b	r=+.30	
O-SLW/u/sq/f/7/a	r=+.40	

Study	**BORTN 1970**	*Page in Report:*	44

Reported in:	Bortner, R.W. & Hultsch, D.F.
	A multivariate analysis of correlates of life satisfaction in adulthood
	Journal of Gerontology, 1970, vol. 25, p. 41-47
Population:	21+ aged, general public, USA 1959
Sample:	
Non-Response:	9%
N:	1406

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.3.1
Measurement:	Closed question rated on an 11-point self-anchoring scale (Cantril future personal ratings; see CANTR, 1965).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
C-RG/h/sq/l/11/a	r=+.27	
O-BW/c/sq/l/11/a	r=+.58	
O-SLu/c/sq/l/11/a	r=+.28	

Study	**GORMA 1971**	*Page in Report:*	215-216

Reported in: Gorman, B.S.
A multivariate study of the relationship of cognitive control and cognitive style
Unpublished doctoral dissertation, 1971, City University of New York, USA

Population: Undergraduate students, Nassau Community College, USA, 1970

Sample:

Non-Response: 4%, 3% refusal,
1% incomplete
information

N: 67

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.3.1

Measurement: `Closed question rated on an 11-point self-anchoring scale (Cantrol past personal rating).`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-ARE/md/sqr/v/10/	r=+.23	ns
O-BW/c/sq/l/11/b	r=+.44	p<. 01

Study   **HALMA 1987**   *Page in Report:*

Reported in: Halman, L., Heunks, F., de Moor, R. and Zanders, H.
                   Traditie, secularisatie en individualisering. A study into the values of the Dutch in a
                   Tilburg University Press, Tilburg, The Netherlands, 187-215 283-325 and 368-379

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

Sample:

Non-Response:

N: 12464

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.3.1

Measurement: Direct question, rated on a 10 point scale (higher numbers
                   indicating higher expected satisfaction): "How satisfied or
                   dissatisfied you think you'll be 5 years from now?".

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/u/sq/v/4/a	Beta=+.2	France
	Beta=+.2	Great-Britain
	Beta=+.1	West Germany
	Beta=<.1	Italy
	Beta=<.1	Netherlands
	Beta=+.1	Denmark
	Beta=+.1	Belgium
	Beta=<.1	Spain
	Beta=+.1	Ireland
	Beta=+.2	Northern Ireland

	Beta=+.1	EC

ß controlled for:
life satisfaction(HAPP 2.1), affect(AFF 2.3);
satisfaction with health,income and family life;
age, income, education, marital status, male sex,
having children, work; urbanisation, type of
dwelling, own home, religiousness, social
participation; uncertainty about future, expected
negative changes in income; satisfaction 5 years in
past; tolerance, loneliness, misantropy, hopeless
about life and sense of control.

O-SLW/c/sq/n/10/aa	Beta=+.4	France
	Beta=+.3	Great-Britain
	Beta=+.3	West Germany
	Beta=+.4	Italy
	Beta=+.3	Netherlands
	Beta=+.3	Denmark
	Beta=+.4	Belgium
	Beta=+.3	Spain
	Beta=+.4	Ireland
	Beta=+.5	Northern Ireland
	Beta=+.3	EC

ß's controlled for: happiness(HAPP 1.1), affect(AFF
2.3); satisfaction with health,income and family
life; age, income, education, marital status,
having children, male sex, work; urbanisation, type
of dwelling, own home, religiousness, social
participation; uncertainty about future, expected
negative changes in income; satisfaction 5 years in
past; tolerance, loneliness, misantropy, hopeless
about life and sense of control.

Study

MOLNA 1985

Reported in: Molnar, J.J.
Determinants of subjective well-being among farm operators: characteristics of the
Rural Sociology, Vol 50, 1985, pp. 141-162

Population: Farm operators, Alabama, USA, 1981

Sample:

Non-Response: 29,9%

N: 705

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Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.3.1

Measurement: Single direct question 'Where do you expect your life to be five
years from now?'. Rated on a 9-point ladder scale ranging from
'worst' to 'best I could expect'. (Cantril 1965)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/cy/sq/l/9/a	r=+.46 p<.05	
	r=+.46 p<..05	

Study	**ZUMA 1989**	*Page in Report:*
Reported in:	Zentrum fur Umrageforschung MAnnheim (ZUMA) Wohlfahrtsurveys 1978,1980,1984,1988. Unpublished data-set. Especially prepared for the World Database of Happiness.	
Population:	18+ aged, general public, West-Germany, 1978-88	
Sample:		
Non-Response:	?	
N:	varies from about 2000 - 2300	

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.3.1
Measurement:	Question: 'What do you think how satisfied will you with your life over 5 years ?' 0 very unsatisfied 10 very satisfied
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/4/b	SNR=	

	eta	G	r	ß
1978	+.42	+.57	+.41	+.37
1980	+.38	+.49	+.37	+.35
1984	+.40	+.53	+.38	+.39
1988	+.37	+.49	+.35	+.33

ß's controlled for age, gender, perceived class and marital status.

Happiness Query	Statistics	Remarks
O-SLW/c/sq/n/11/b	SNR=	

	eta	G	r	ß
1978	+.75	+.80	+.73	+.74
1980	+.68	+.69	+.67	+.69
1984	+.70	+.73	+.69	+.69
1988	+.70	+.76	+.69	+.70

ß's controlled for age, gender, perceived class and marital status.

Study	**MATLI 1979**	*Page in Report:*	412

Reported in:	Matlin M.W.& Gavron V.J.
	Individual Differences in Pollyannaism
	Journal of Personality Assesment, 1979, Vol.43, p411-412
Population:	University students white, middle-class, State University of New-York, USA,197?
Sample:	
Non-Response:	
N:	133

Measured Correlate

Class:	Expected change in happiness (period unspecified) Code: H 5.1.4
Measurement:	Difference between selfratings of "future happiness" and "present happiness" on Cantril's Ladder of Life Scale.(see CANTR 1965)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-BW/c/sq/l/11/a	r=-.23	p<.s	
O-H?/?/sq/?/0/a	r=	ns	

Study	**ANDRE 1976/4**	*Page in Report:*	78

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

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.4.1

Measurement:
```
Difference in response to two questions 1."Where was your life
five years ago?"
2."Where do you expect your life to be
  five years from now?"
Both rated on a 9-point graphic scale ranging from best life (9)
to worst life (1). (HAP 3.1)
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/cy/sq/l/9/a	r=+.04	
O-DT/u/sq/v/7/a	mr=+.13	HAP 4.1 asked twice: at the beginning of the interview: r=+.11 at the end of the interview: r=+.14
O-DT/u/sqt/v/7/a	r=+.13	
O-GBB/u/sq/c/9/a	r=+.05	

Study   **ANDRE 1976/4**

		Page in Report:	78

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

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.4.1
Measurement:	Difference in response to two identical questions asked twice in the interview:
	"Where do you expect your life to be five years from now?"
	Rated on a 9-point graphic scale ranging from best life (9) to worst life (1). (HAP 3.1)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/cy/sq/l/9/a	r=-.41	
O-DT/u/sq/v/7/a	mr=-.03	HAP 4.1 asked twice:
		at the beginning of the interview: r=-.04
		at the end of the interview: r=-.01
O-DT/u/sqt/v/7/a	r=-.03	
O-GBB/u/sq/c/9/a	r=-.10	

Study	**ANDRE 1976/5**	*Page in Report:*	92

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.4.1
Measurement:	Difference in response to two single direct questions:

```
1. "Where do you expect your life
    to be five years from now?"
2. "Where was your life most of the   time during the past year?"
Rated on a 9-point graphic scale ranging from best life (9) to
worst life (0). (HAP 3.1)
```

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.00	
O-BW/cy/sq/l/9/a	r=-.50	
O-DT/u/sq/v/7/a	mr=-.07	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=-.00 HAP 4.1 asked second: r=-.10 HAP 4.1 asked third : r=-.10
O-GBB/u/sq/c/9/a	r=-.10	
O-HL/c/sq/v/3/aa	r=-.00	
O-HL/u/sq/v/7/b	r=+.20	
O-SLW/u/sq/f/7/a	r=-.00	

Study	**ANDRE 1976/5**	*Page in Report:*	92

Reported in:	Andrews, F.M. & Withey, S.B.
	Social Indicators of Well-being: Americans' Perceptions of Life Quality
	Plenum Press, 1976, New York, USA
Population:	18+ aged, general public, non-institutionalized, USA, 1973/7
Sample:	
Non-Response:	
N:	222

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.4.1

Measurement:
```
Difference in response to two
questions:
1. "Where was your life five years
   ago?"
2. "Where do you expect your life
   to be five years from now?"
Rated on a 9-point graphic scale ranging from best life (9) to
worst life (1). (HAP 3.1)
```

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.20	
O-BW/cy/sq/l/9/a	r=+.00	
O-DT/u/sq/v/7/a	mr=+.07	HAP 4.1 asked thrice during the interview: at the beginning, in the middle and at the end. HAP 4.1 asked first : r=+.10 HAP 4.1 asked second: r=+.10 HAP 4.1 asked third : r=+.00
O-GBB/u/sq/c/9/a	r=-.00	
O-HL/c/sq/v/3/aa	r=-.20	
O-HL/u/sq/v/7/b	r=+.10	
O-SLW/u/sq/f/7/a	r=+.10	

Study   **BORTN 1970**   *Page in Report:*   44

Reported in: Bortner, R.W. & Hultsch, D.F.
                   A multivariate analysis of correlates of life satisfaction in adulthood
                   Journal of Gerontology, 1970, vol. 25, p. 41-47

Population: 21+ aged, general public, USA 1959

Sample:

Non-Response: 9%

N: 1406

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Difference in scores on questions on satisfaction with life now,
                   and expected satisfaction 5 years from now (Cantril present and
                   future personal ratings: see CANTR, 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
C-RG/h/sq/l/11/a	r=+.04	
O-BW/c/sq/l/11/a	r=+.08	
O-SLu/c/sq/l/11/a	r=+.10	

| **Study** | **COHEN 1982** | *Page in Report:* | 384 |

Reported in:	Cohen, P.; Struening, E.L.; Muhlin, G.,L.; Genevie, L.,E; et al
	Community stressors, mediating conditions and wellbeing in urban neighborhoods.
	Journal of Community Psychology, vol 10, 1982, p 377-391.
Population:	18-55 aged, general public, New York City, 1979
Sample:	
Non-Response:	
N:	602

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement:
```
Difference between:
- expected happiness 5 years
  from now
- retrospective happiness 5 years
  ago
Both rated on Cantril 11-step ladder
scale, ranging from best (10) to worst
possible life (0).
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

| *Happiness Query* | *Statistics* | *Remarks* |
| A-BC/cm/mq/v/4/a | r=+.19   p<.01 | |

Study	**GORMA 1971**	*Page in Report:*	215-216

Reported in:	Gorman, B.S.
	A multivariate study of the relationship of cognitive control and cognitive style
	Unpublished doctoral dissertation, 1971, City University of New York, USA
Population:	Undergraduate students, Nassau Community College, USA, 1970
Sample:	
Non-Response:	4%, 3% refusal,
	1% incomplete
	information
N:	67

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.4.1
Measurement:	Actual difference in scores on ques- tions on satisfaction with life 5 years ago, and expected satisfaction 5 years from now (Cantril past and future per- sonal ratiangs; see Cantril, 1965).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-ARE/md/sqr/v/10/	r=+.11	ns	For past and future personal ratings see resp. under 'Perceived Past Happiness' (H 1.4.1) and under 'Future Happiness' (H 1.5).
O-BW/c/sq/l/11/b	r=-.06	ns	For past and future personal ratings see resp. under "Perceived Past Happiness" (H 1.4.1) and under "Future Happiness" (H 1.5).

Study **GORMA 1971**

Page in Report: 215-216

Reported in: Gorman, B.S.

A multivariate study of the relationship of cognitive control and cognitive style
Unpublished doctoral dissertation, 1971, City University of New York, USA

Population: Undergraduate students, Nassau Community College, USA, 1970

Sample:

Non-Response: 4%, 3% refusal,
1% incomplete
information

N: 67

Measured Correlate

Class: . in the near future (up to 5 years) Code: H 5.1.4.1

Measurement: Actual difference in scores on ques- tions on satisfaction with
life now, and expected satisfaction 5 years from now (Cantril
present and future perso- nal ratings; see Cantril 1965).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-ARE/md/sqr/v/10/	r=-.11	ns	See also second instrument in excerpt (Part II), and under 'Future Happiness' (Part III, H 1.5).
O-BW/c/sq/l/11/b	r=-.74	p<.01	See also under "Future Happiness" (H 1.5)

Study	**MICHA 1983**	*Page in Report:*	238

Reported in:	Michalos,A.C.
	Satisfaction and happiness in a rural northern resource community
	Social Indicators Research, 1983, vol.13, p.225-252
Population:	18+ aged, rural community, N.Ontario, Canada, 1982
Sample:	
Non-Response:	8%
N:	598

Measured Correlate

Class:	. in the near future (up to 5 years) Code: H 5.1.4.1
Measurement:	Closed question: "All things considered, do you expect the next five years to be extremely worse than the last five years?" Question rated on a 7-point scale, ranging from extremely worse(1) to extremely better(7).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
C-RG/u/sq/v/7/b	r=+.23	
	Beta=+.0	ß controlled for life compared with best previous experience and that of average folks
O-DT/c/sq/v/7/aa	r=+.30	
	Beta=+.0	ß controlled for best previous experience, comparison with average folks and goal achievement (CON 1.1)
O-HL/u/sq/v/7/a	r=+.31	
	Beta=+.1	ß controlled for life compared with best previous experience, average folks and goal achievement (CON 1.1)

Study	**GONZA 1967**	*Page in Report:*	75

Reported in:	González, J.R.
	Study of student teachers' life adjustment.
	Unpublished doctoral dissertation, 1967, University of NorthCarolina, Chapel Hill, USA.
Population:	Students teachers,University of California, USA, 1967
Sample:	
Non-Response:	
N:	75

Measured Correlate

Class:	. in the long run Code: H 5.1.4.2
Measurement:	Closed question on anticipation of happiness 5 or 10 years from now, compared with present life. Less happy / about the same / happier
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/u/sq/v/3/c	G=-.43 p<.05	G' based on proportion very happy (vs not very happy).

Study	**GURIN 1960**	*Page in Report:*	34

Reported in:	Gurin, G., Veroff, J. & Feld, S.
	Americans view their mental health. A nation wide interview survey.
	Basic Books Inc. 1960, New York, USA
Population:	21+ aged, general public, non-institutionalized, USA,1957
Sample:	
Non-Response:	13%; 5% not at home, 8% refusals
N:	2460

Measured Correlate

Class:	. in the long run Code: H 5.1.4.2
Measurement:	Closed question on anticipation of hap- piness 5 or 10 years from now, compared with present life. Less happy / about the same / happier.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HL/c/sq/v/3/aa	G=+.16 p<.01	Unaffected by age.

Study	**VEROF 1962**	*Page in Report:*	196

Reported in:	Veroff, J., Feld, S. & Gurin, G.
	Dimensions of subjective adjustment.
	Journal of Abnormal and Social Psychology, 1962, vol. 64, p. 192 - 205.
Population:	21+ aged, married, with childeren, USA, 1957
Sample:	
Non-Response:	-
N:	797

Measured Correlate

Class:	. in the long run Code: H 5.1.4.2
Measurement:	Closed question on anticipation of happiness 5 or 10 years from now, compared with present life: not as happy / about the same / happier.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-HL/u/sq/v/3/a	tb=	ns	Males : _b = +.04 (ns) Females : _b = -.04 (ns)

Study	**VEROF 1981**	*Page in Report:*	52

Reported in:	Veroff, J.; Douvan, E.; Kulka, R.A.
	The Inner American, A Self-portrait from 1957 to 1976
	Basic Books, 1981, New York, USA
Population:	21 aged, general public, non-institutionalized, USA, 1976
Sample:	
Non-Response:	29%
N:	2264

Measured Correlate

Class:	. in the long run Code: H 5.1.4.2
Measurement:	Compared to your life today, how do you think things will 5 or 10 years from now?

```
- Happier
- About the same
- Less happy
- Don't know - won't be here
- Not ascertained
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-HL/c/sq/v/3/aa	G=-.21	p<.01	1957
	tc=-.13	p<.01	
	G=+.00	ns	1976
	tc=+.00	ns	

```
                           % very happy:        1957        1976

                           - Happier             43          38
                           - About the same      38          37
                           - Less happy           6           8
                           - Don't know -
                               Won't be here     11          10
                           - Not ascertained      2           6
```

Study   **BERNO 1985**   *Page in Report:*   30

Reported in: Bernow, R
                   Livskvaliteten i Sverige. (Lifequality in Sweden)
                   Stockhold Läns Landstring, 1985, Stockholm, Sweden.

Population: 18-70 aged, general public, Sweden., 1982

Sample:

Non-Response: ?

N: 1558

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Retest after 3-4 weeks.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query   *Statistics*   *Remarks*

O-SLW/c/sqt/v/7/a   r=+.57

Study	**BRADB 1965/2**	*Page in Report:*	92

Reported in:	Bradburn, N.M. & Caplovitz, D.
	Reports on happiness
	Aldine Publishing Company, 1965, Chicago USA
Population:	Adult, general public, 2 towns, prosperous and depressed, Illinois, USA, 1962/3 - 1962/10
Sample:	
Non-Response:	?
N:	547

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	10 item index of specific affects in the past few weeks.(Bradburn Affect Balance Scale)
	Assessed at T1 and T2 (8 month interval)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-BB/cw/mq/v/4/e	r=+.41	p<.001	Negative Affect scale
	r=.36	p<.001	Positive Affect scale
			Turnover in full ABS not reported.

Study	**BRADB 1965/2**	*Page in Report:*	90

Reported in:	Bradburn, N.M. & Caplovitz, D.
	Reports on happiness
	Aldine Publishing Company, 1965, Chicago USA
Population:	Adult, general public, 2 towns, prosperous and depressed, Illinois, USA, 1962/3 - 1962/10
Sample:	
Non-Response:	?
N:	547

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Single direct question: Taking all together, how happy would you say you are these days? Would you say you are very happy, pretty happy or not too happy?"
	Assessed at T1 and T2 (8 month interval)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/3/aa	r=+.48 p<.00	Between T1 and T2 the Cuban missile-crisis tookplace.

Study	**BRADB 1969**	*Page in Report:*	86

Reported in:	Bradburn, N.M.
	The structure of psychological well-being
	Aldine Publishing Company, 1969, Chicago, USA
Population:	21-60 aged, general public, urban areas, USA, 1963 - 64
Sample:	
Non-Response:	± 20%, Attrition
	± 30%
N:	2787

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement:
```
Single direct question: Taking all things together. How happy
would you say you are: Would you say you are;
- very happy    (3)
- pretty happy  (2)
- not too happy (1)
(HAPP 1.1)

Assessed at
T1: January 1963
T3: Oktober 1963
```

Measured Values:

Error Estimates:

Remarks:	CHANGE in overall happiness (HAPP 1.1) by
	CHANGE in hedonic level of affect (AFF 2.3)
	Hedonic level of affect assessed at T1, T2 and T3.

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	DMr=+ p<.05	

```
Hedonic level of affect in average ridits (RT):
                           T3 happiness
T1 happiness      very      pretty     not too
- very            .51       .44        .19      (05)
- pretty          .51       .51        .39      (05)
- not too         .66       .60        .44      (05)
                  (05)      (05)       (05)
```

DMr=+ p<.05

Change in happiness	T1-T2	T2-T3	T3-T4
- increase	.69	.58	.66
- stable	.52	.46	.45
- decrease	.42	.38	.38

Ridit analysis compares distribution in category with distribution in total sample RT above .50 means relative high level, RT below .50 relative low level.

Study	**CRNIC 1984**	*Page in Report:*

Reported in: K.A. Crnic, M.T. Greenberg, N.M. Robinson, A.S. Ragozin
Maternal stress and social support: effects on the mother- infant relationship from
American Journal of Orthopsychiatric, vol. 2, 1984, pp. 224-235

Population: Mother-child pairs, followed 18 months after birth, USA, 1981-82

Sample:

Non-Response: Attrition at T2:
10%, at T3: 14%

N: 105

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement:
```
T1: 1 month after birth of child
T2: 8 months after birth of child
T3: 18 months after birth of child
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-QLS/c/sq/v/5/a	r=+.61	T1 happiness by T2 happiness
	r=+.51	T1 happiness by T3 happiness

Study	**FUGL 1991**	*Page in Report:*
Reported in:	Fugl-Meyer, A.R. , Eklund, M. & Fugl-Meyer, K.S.	
	Vocational rehabilitation in Northern Sweden; Aspects of life satisfaction.	
	Eklund,M.: On vocational rehabilitation in Northern Sweden, Diss. Univ.of Umea, 1991, pp 87-95.	
Population:	Handicapped referred for vocational rehabilitation,followed 2 years, Umea, Sweden, 198?	
Sample:	Non-probability chunk sample	
Non-Response:		
N:	T1:149 ; T2: 126	

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	`Retest after 2 months`
Measured Values:	
Error Estimates:	
Remarks:	N = 53: randomly selected from sample at follow-up (N = 126)

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLW/u/sq/v/6/a	rs=+.66 p<.001	
		N = 53: randomly selected from sample at follow-up (N = 126)

| **Study** | **GEHMA 1988** | *Page in Report:* | 54 |

Reported in: Gehmacher, E.
Wohlbefinden und Lebensqualität (Feeling well and Quality of Life)
in: Interdisziplinäre Methoden und Vergleichungsgrundlagen zur Erfassung der Wohnzufriedenheit. Institüt Stadtforschung

Population: Adults, followed 6 months, Austria, 198?

Sample:

Non-Response:

N:

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: `Retest after 6 month`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
M-FH/cm/sq/v/5/a	r=+.34	

Study	**GEHMA 1988**	*Page in Report:*	54

Reported in: Gehmacher, E.
Wohlbefinden und Lebensqualität (Feeling well and Quality of Life)
in: Interdisziplinäre Methoden und Vergleichungsgrundlagen zur Erfassung der Wohnzufriedenheit. Institüt Stadtforschung

Population: Adults, followed 6 months, Austria, 198?

Sample:

Non-Response:

N:

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: `Retest after 6 month`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-CA/mh/ri/?/0/a	r=+.29	

Study   **GEHMA 1988**

Page in Report: 45

Reported in:	Gehmacher, E.
	Wohlbefinden und Lebensqualität (Feeling well and Quality of Life)
	in: Interdisziplinäre Methoden und Vergleichungsgrundlagen zur Erfassung der Wohnzufriedenheit. Institüt Stadtforschung
Population:	Adults, followed 6 months, Austria, 198?
Sample:	
Non-Response:	
N:	

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Retest after 6 month
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLW/u/sq/n/5/b	r=+.44	

Study	**GEHMA 1988**	*Page in Report:*	54

Reported in: Gehmacher, E.
Wohlbefinden und Lebensqualität (Feeling well and Quality of Life)
in: Interdisziplinäre Methoden und Vergleichungsgrundlagen zur Erfassung der Wohnzufriedenheit. Institüt Stadtforschung

Population: Adults, followed 6 months, Austria, 198?

Sample:

Non-Response:

N:

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: `Retest after 6 month`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
M-AO/u/mq/*/0/a	r=+.70	

Study   **KOZMA 1980/2**   *Page in Report:*   911

Reported in: Kozma, A. & Stones, M.J.

The measurement of happiness: Development of the Memorial University of New

Journal of Gerontology, 1980, vol 80, page 906-912

Population: Eldery, living in old age home, New Foundland, Canada, 197?

Sample:

Non-Response:

N: 55

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement:
```
2 item index (AVHT) of direct questions, scored on 7 point scales:
a. happiness `at this moment of time'
   (AVH)
b. happiness `over the past month'
   (AVH30)
(MIX 1.2; precise items not reported)

Assessed with 6 to 12 month interval
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query   *Statistics*   *Remarks*

M-FH/c/mq/?/7/a   r=+.57

| **Study** | **KOZMA 1980/2** | *Page in Report:* | 911 |

Reported in: Kozma, A. & Stones, M.J.
The measurement of happiness: Development of the Memorial University of New
Journal of Gerontology, 1980, vol 80, page 906-912

Population: Eldery, living in old age home,New Foundland, Canada, 197?

Sample:

Non-Response:

N: 55

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: 10 item index of specific affects in the past few weeks
(Bradburn's Affect Balance Scale, ABS)
(AFF 2,3)

Assessed with 6 to 12 month interval

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	r=+.27	

Study

Study	**LICHT 1980/1**

Page in Report: 60

Reported in: Lichter.S, Haye.K & Kamman.R
Increasing happiness through cognitive retraining
New Zealand Psychologist, 1980, vol.9, p.57-64

Population: Adults, trainees and controls, followed 10 weeks, Dunedin, New Zealand, 1978

Sample:

Non-Response: 15%

N: 23

Measured Correlate

Class: . recent happiness (< 1 year ago) Code: H 5.2.1.1

Measurement: Happiness assessed at T1 by affectometer 1 short form, T2 (T1+ 4 weeks) and T3 (T1+ 10 weeks)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BK/cm/mq/v/5/b	r=+.95	p<.01	T1 happiness by T2 happiness
	r=+.94	p<.01	T1 happiness by T3 happiness Control group, only (N=13)

Study	**MOUM 1988**	*Page in Report:*	134

Reported in:	Moum, T.
	Yea-saying and mood-of-the day effects in self-reported quality of life
	Social Indicators Research vol.20, 1988, p.117-139
Population:	Adult, general public, county, followed 2 years, Norway, 1984-86
Sample:	
Non-Response:	20%
N:	622

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Happiness assessed at three points in time. The intervals varierd from several days to several months.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*

O-SLu/c/sq/n/7/a	r=+.69	T2 happiness by T1 happiness
		females: young +.73
		        old +.45
		males : young +.76
		        old +.66

	r=+.57	T3 happiness by T1 happiness
		females: young +.43
		        old +.47
		males young +.59
		        old +.55

	r=+.54	T3 happiness by T2 happiness
		females: young +.51
		        old +.43
		males young +.65
		        old +.55

Study	**NOELL 1977/6**	*Page in Report:*

Reported in:	Noelle-Neumann, E.
	Politik und Glück (Politics and happiness)
	H. Baier (ed.) Freiheit und Sachzwang, Westdeutscher Verlag,Opladen, 1977, 208 - 262
Population:	Carowners, followed 1 year, West-Germany, 1976-77
Sample:	
Non-Response:	
N:	1084

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Interviewer rating of cheerful appearance on the following 8 aspects: look, mouth, posture, movements, eyes, elbos, lips and general cheerful appearance. (Allensbacher Ausdrücktest) AFF 5.3. Assessed at T1 and T2 (6 month interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-CA/mh/ri/v/2/a	D%=+	- 78% identical ratings at T1 and T2 with the same interviewer. - 64% identical ratings at T1 and T2 with other interviewers.

Study	**ORMEL 1980**	*Page in Report:*	350

Reported in:	Ormel,H.
	Moeite met leven of een moeilijk leven (Difficulty in livingor a difficult life)
	Dissertation 1980, University of Groningen,the Netherlands, publisher: Konstapel, Groningen,the Netherlands.
Population:	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77
Sample:	
Non-Response:	18%
N:	296

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	4-item additive index of positive affects in the past few weeks (PA index from Bradburns Affect Balance Scale: part of happiness indicator AFF 2.3). Assessed at T2(1976) and T3(1977).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-BB/cw/mq/v/4/c	r=+.72	p<.01	T2 happiness by T2 positive affects
	r=+.32	p<.01	T3 happiness by T2 positive affects
	r=+.32	p<.01	T2 happiness by T3 positive affects
	r=+.74	p<.01	T3 happiness by T3 positive affects

Study   ORMEL 1980

		Page in Report:	350

Reported in:	Ormel,H.
	Moeite met leven of een moeilijk leven (Difficulty in livingor a difficult life)
	Dissertation 1980, University of Groningen,the Netherlands, publisher: Konstapel, Groningen,the Netherlands.
Population:	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77
Sample:	
Non-Response:	18%
N:	296

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Age at T1(1970): 16-29 (1) 30-44 (2) 45-59 (3)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cw/mq/v/4/c	r=-.06	ns	T2 happiness by T1 age
	r=-.11	p<.05	T3 happiness by T1 age

Study	**SEIDL 1993/3**	*Page in Report:*	661

Reported in:	Seidlitz, L. and Diener E.
	Memory for positive versus negative life events: Theories for the differences
	Journal of Personality and Social Psychology, 1993, vol. 64,no 4, p. 654-664
Population:	Psychology students, selected for earlier happiness, followed 11 month, USA, 1990-91
Sample:	
Non-Response:	Drop-out: T0-T1: 28%, T1-T2: 41%
N:	54

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Fordyce's 'Happiness-Measure'; 4 item index of questions about how happy one generally feels (MIX 1.2)
	Assessed at T1 and T2 (11 month interval)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/g/mq/*/0/a	r=+.77 p<.001	
	rpc=+.70	rpc controled for T1 current mood
	rpc=+.71	rpc controled for T2 current mood

Study	**VERKL 1989**	*Page in Report:*	88

Reported in:	Verkley, H. & Stolk, J.
	Does happiness lead into idleness?
	Veenhoven, R. (ed):"How Harmfull is happiness? Consequences of enjoying life or not",Universitaire Pers Rotterdam,1989
Population:	30-50 aged, in working force, followed 1 year, urban areas, Netherlands, 1983-84
Sample:	
Non-Response:	T1-T2 attrition:
	27%
N:	1100

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	10 item index of specific affects in the past few weeks (Bradburn's Affect Balance Scale AFF 2.3)
	Assessed at T1 and T2 (1 year interval)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	r=+.48 p<.001	

Study **WESSM 1966/2**

| | | *Page in Report:* | 103 |

Reported in:	Wessman, A.E. & Ricks, D.F.
	Mood and personality
	Holt, 1966, New York, USA
Population:	Male college students, followed 3 years, Harvard University, USA, 1957-60
Sample:	
Non-Response:	37%: 9 dropouts, incomplete; about the same happiness distribution.
N:	17

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Composite clinical rank order of happi- ness by 6 staff psychologists, based on two years of experience with the sub- jects (MIX 5).
	Assessed 6 months earlier.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-ARE/md/sqr/v/10/	r=+.71	Hedonic level (Elation-Depression Scale: AFF 3.1) scored each night for the highest, lowest and average of the day.
		Mean daily highest mood : r = +.44
		Mean daily average mood : r = +.71
		Mean daily lowest mood : r = +.63

Study	**WESSM 1966/2**	*Page in Report:*	104

Reported in:	Wessman, A.E. & Ricks, D.F.
	Mood and personality
	Holt, 1966, New York, USA
Population:	Male college students, followed 3 years, Harvard University, USA, 1957-60
Sample:	
Non-Response:	37%: 9 dropouts, incomplete; about the same happiness distribution.
N:	17

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Clinical rank on 'happy - unhappy life story', stressing auto-biographic re- ports and information for three years, concerning past life experiences up to the time of entering college (MIX 5).
	Assessed 6 months later.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-ARE/md/sqr/v/10/	r=+.48 p<.05	Hedonic level (Elation-Depression Scale: AFF 3.1) scored each night for the highest, lowest and average of the day.
		Mean daily highest mood : r = +.42 Mean daily average mood : r = +.48 Mean daily lowest mood : r = +.34

Study	**WESSM 1966/2**	*Page in Report:*	104

Reported in:	Wessman, A.E. & Ricks, D.F. Mood and personality Holt, 1966, New York, USA
Population:	Male college students, followed 3 years, Harvard University, USA, 1957-60
Sample:	
Non-Response:	37%: 9 dropouts, incomplete; about the same happiness distribution.
N:	17

Measured Correlate

Class:	. recent happiness (< 1 year ago) Code: H 5.2.1.1
Measurement:	Clinical rank on present happiness - unhappiness, stressing possible aware subjective feelings (MIX 5). Assessed 6 months after assessment of hedonic level.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-ARE/md/sqr/v/10/	r=+.76	Hedonic level (Elation-Depression Scale; AFF 3.1) scored each night for highest, lowest and average of the day. Mean daily highest mood : r = +.57 Mean daily average mood : r = +.76 Mean daily lowest mood : r = +.56

Study	**ADAMS 1988**	*Page in Report:*	35

Reported in:	Adams, R.G.
	Which comes first: Poor psychological well-being or decreased friendship activity?
	Activities, Adaptation and Aging, 1988, vol. 12, p.27-41
Population:	62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84
Sample:	
Non-Response:	Dropout : 27% due to incapacity, 13% refusal
N:	70 (T1), 42 (T2)

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Bradburn Affect Balance Scale (see BRADB 1969) (AFF 2.3)
	Assessed at:
	- T1: 1981
	- T2: 1984
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cm/mq/v/2/a	r=+.38	p<.05	T1 happiness by T2 happiness.

Study   **BACHM 1970**   *Page in Report:*

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-
Ann Arbour, Michigan, 1970, Institute for Social   Research.

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

Sample:

Non-Response: 2.8% incomplete
information in
1966

N: T1:2213, T2:
1886, T3: 1799

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Six item index of closed questions:
"Describe the kind of person you are.
 1. I feel like smiling
 2. I generally feel in good spirits
 3. I feel happy
 4. I am satisfied with life
 5. I find a good deal of happiness in
    life
 6. I feel sad"
Scored: almost always true, often true,
sometimes true,seldom true, never true

Assessed at:
T1 Fall   1966
T2 Spring 1968
T3 Spring 1969

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-HP/g/mq/v/5/a	r=+.63	T2 - T3 (12 month)
	r=+.54	T1 - T2 (18 months)
	r=+.47	T1 - T3 (30 months)

Study   **BACHM 1978**

| | | *Page in Report:* | 291 |

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

Institute for Social Research, University of Michigan,   Ann Arbor, Michigan, 1978

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: T1 - T5:
2213/1886/1799/
1620/1628

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement:
```
Six item index of closed questions:
"Describe the kind of person you are:
1 I feel like smiling
2 I generally feel in good spirits
3 I feel happy
4 I am satisfied with my life
5 I find a good deal of happiness in   life
6 I feel sad"
Scored: Almost always true,often true, sometimes true, seldon
true, never true

Assessed at:
T1 Fall 1966
T2 Spring 1968
T3 Spring 1969
T4 Spring 1970
```

Measured Values:

Error Estimates:

Remarks: Raw correlations provided by the author:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks	
O-HP/g/mq/v/5/a	r=+.54	p<.001	T1-T2 1.5 yr	
	r=+.45	p<.001	T1-T3 2.5 yr	Raw correlations provided by the author:
	r=+.43	p<.001	T1-T4 3.5 yr	

```
r=+.64   p<.001   T2-T3   1   yr
r=+.53   p<.001   T2-T4   1   yr
r=+.54   p<.001   T3-T4   1   yr

                  Attenuated overtime correlations:
r=+.75   p<.001   T1-T2
r=+.84            T2-T3
r=+.89   p<.001   T3-T4

                  Estimated yearly stability:
r=+.84   p<.001   T1-T2
r=+.84   p<.001   T2-T3
r=+.89   p<.001   T3-T4
```

Study	**BLOCK 1971/1**	*Page in Report:*	302-307

Reported in:	Block, J.
	Lives through time
	Bancroft Books inc., 1971, Berkely, USA
Population:	Highschool pupils, followed from age 11 to 35, USA, 1936-1957
Sample:	
Non-Response:	65% dropout,
	11% incomplete
	data
N:	160

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Rating on the basis of interview-protocols by independent judges of cheerfulness as personality descriptive variable from most uncharacteristic to most characteristic of the subject. Rated on a scale ranging from 1 to 9.

Happiness assessed at:
T1: junior high school: age 11-14, ±1936
T2: senior high school: age 14-17, ±1942
T3: fourth decade: age 28-35, ±1957

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*

A-CP/g/rc/?/9/a	mr=+.54	T1 by T2 happiness:
		males: r=+.57 (001)
		          r corrected for attenuation =+.75
		females: r=+.50 (001)
		          r corrected for attenuation =+.69
		Females tend to become less happy between T1 and T2. The individual rankorder is largly maintained (conclusion based on corrected r).

	mr=+.31	T2 by T3 happiness:
		males: r=+.26 (05)
		          r corrected for attenuation =+.34
		females: r=+.36 (001)
		          r corrected for attenuation =+.46
		Females tend to become more happy between T2 and T3. The individual rankorder changes considerably (conclusion based on corrected r).

Study   **BRADB 1969**

Page in Report: 82

Reported in: Bradburn, N.M.
The structure of psychological well-being
Aldine Publishing Company, 1969, Chicago, USA

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

Sample:

Non-Response: ± 20%, Attrition
± 30%

N: 2787

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: 10-item index of specific affects in the past few weeks
(Bradburns' Affect Balance Scale AFF 2.3)

Assessed at:
T1: January 1963
T2: June   1963
T3: Oktober 1963
T4: January 1964

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	DMr=	Data Detroit Suburban sample only (N=408).

Happiness level (Affect Balance) in average ridits.
(RT)
T1: RT=.47
T2: RT=.54
T3: RT=.53
T4: RT=.50

Only T1-T2 difference significant.

Ridit analysis compares distribution in category
with distribution in total sample RT above .50
means relative high level, RT below .50 relative
low level.

Study	**CHIRI 1982**	*Page in Report:*	23

Reported in:	Chiriboga, D.A.
	Consistency in adult functioning: The influence of social stress
	Ageing and Society, vol.2 part 1, p.7-29
Population:	People in transition followed 4 years, metropolis, USA, 1969-1980
Sample:	
Non-Response:	Attrition after 11 years 24%
N:	163 (in 1969:216)

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Happiness (HAPP 1.1) as assessed 11 years ago at T1 (1969). Closed question rated on a 3-point scale:"In general how happy are you these days?" Very happy:1, pretty happy:2, not too happy:3 (order reversed).
	Assessed at:
	- T1 (1969)
	- T5 (1980; 11 years interval)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HL/c/sq/v/3/cb	r=+	ns	Males: r= +.03 ns Females: r= +.18 ns

Study   CHIRI 1989

Page in Report: 65

Reported in:	Chiriboga, D.A. Stress and loss in middle age Midlife loss: coping strategies (1989). Editor: Kalish, R.A.Publisher: Sage Publications, Inc.
Population:	People in transition, followed 4 years, metropolis, USA, 1969-1980
Sample:	
Non-Response:	Attrition after 11 years 24%
N:	163 (in 1969 216)

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement:
```
Affect Balance Score (AFF 3.2)
8-item index of specific affects (Bradburn 1969), scored "never",
"once", "several times" or "often" during the past week.

Assessed at:
- T1 (1969)
- T2 (1972)
- T3 (1974)
- T4 (1976)
- T5 (1980; 11 years interval)
```

Measured Values:

Error Estimates:

Remarks: HIGH STRESS GROUP (N=21)

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cw/mq/v/4/d	r=+.38	p<.05	T1 happiness by T2 happiness -T1 positive affect by T2 pos. affect r=+.53 (01) -T1 negative affect by T2 neg. affect r=+.36 ns
	r=+.46	p<.05	T1 happiness by T3 happiness -T1 positive affect by T3 pos. affect r=+.55 (01) -T1 negative affect by T3 neg. affect r=+.34 ns
	r=+.57	p<.01	T1 happiness by T4 happiness -T1 positive affect by T4 pos. affect r=+.44 (05) -T1 negative affect by T4 neg. affect r=+.50 (01)

r=+.04   ns   T1 happiness by T5 happiness
                -T1 positive affect by T5 pos.affect r=+.48 (01)
                -T1 negative affect by T5 neg.affect r=+.01 ns

                LOW STRESS GROUP (N=51)

r=+.45   p<.01 T1 happiness by T2 happiness
                -T1 positive affect by T2 pos.affect r=+.30 (05)
                -T1 negative affect by T2 neg.affect r=+.39 (01)

r=+.37   p<.01 T1 happiness by T3 happiness
                -T1 positive affect by T3 pos.affect r=+.52 (01)
                -T1 negative affect by T3 neg.affect r=+.37 (01)

r=+.39   p<.01 T1 happiness by T4 happiness
                -T1 positive affect by T4 pos.affect r=+.55 (01)
                -T1 negative affect by T4 neg.affect r=+.48 (01)

r=+.26   p<.05 T1 happiness by T5 happiness
                -T1 positive affect by T5 pos.affect r=+.36 (01)
                -T1 negative affect by T4 neg.affect r=+.29 (05)

                Stress measured by a 48-item list of burdening life
                events, similar to Holmes & Rahe(1967) and
                Horowitz(1976). Scores assessed at T3, T4 and T5
                and added. Ss were then subdivided into groups with
                high stress (N=21) and low stress(N=51).

Study	**COSTA 1981**	*Page in Report:* 81

Reported in:	Costa,P.T., McCrae,R.R. & Morris,A.H.
	Personal adjustment to aging: Longitudinal prediction from neuroticism and
	Journal of Gerontology, vol.36(1981), p.78-85
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:	557 at T1, 423 at T2, 117 at T3

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Single closed question: 'How do you feel about what you have accomplished in life: well satisfied, reasonably satisfied or dissatisfied ?' Assessed at: - T1 (1958-1963) - T2 (1964-1969; mean interval 5.3 yr) - T3 (1969-1975; mean interval 12.6 yr)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
C-A/h/sq/v/3/a	r=+.49	T1 by T2
	r=+.46	T1 by T3

Study	**HEADE 1984**	*Page in Report:*	211

Reported in: Headey,B., Holmstroem,E. & Wearing,A.
The impact of life events and changes in domain-satisfaction on well-being
Social Indicators Research Vol.15 (1984), p.203-227

Population: 18-65 aged, general public, followed 3 years, Melbourne, Australia, 1979-80

Sample:

Non-Response:

N: 184

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: Affect Balance Score, 10 item index of closed questions on
occurrence of specific positive or negative affects during the
past few weeks. (AFF 2.3)
Assessed at: - T1 (1978)
              - T2 (1981)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	Beta=+.3	ß controlled for: - Satisfaction with standard of living at T1 - Satisfaction with standard of living at T2

Study	**HEADE 1989**	*Page in Report:*	114

Reported in:	Headey,B & Veenhoven,R.
	Does happiness induce a rosy outlook?
	in:R.Veenhoven,ed.'How harmful is happiness?'. UniversitairePers Rotterdam, Rotterdam, the Netherlands, 1989, p.106-127
Population:	18-65 aged, general public, followed 6 years, Melbourne, Australia, 1981-87
Sample:	
Non-Response:	Attrition T1-T4: 31%
N:	649

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Single direct question asked twice: "How do you feel about your life-as-a-whole?" Rated on a 9 point scale. 1: terrible to 9: delightful. Happiness assessed at: T1 (1981), T2 (1983), T3 (1985), T4 (1987)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/u/sqt/v/10/a	ßL=+.68 p<.05	Current happiness by earlier happiness: (T4 by T3, T3 by T2, T2 by T1).
		ßL is a path coefficients in a 4-wave LISREL model in which coefficients are assumed to be equal for all waves. Controls: satisfaction with marriage (T1, T2, T3 and T4), and T1 sex, age, SES, extraversion and neuroticism.
	ßL=+.77 p<.05	T4 happiness by T3 happiness.
		ßL is a path coefficient in a two wave LISREL model. Controls: earlier net life-events (reported at T3 and T4) and T1 sex, age, SES, extraversion and neuroticism.

Study	**HENLE 1967**	*Page in Report:*
Reported in:	Henley, B. & Davis, M.S.	
	Satisfaction and dissatisfaction: A study of the chronically-ill aged patient.	
	Journal of Health and Social Behavior, 1967, vol.8, p.65-75.	
Population:	60+ aged chronically-ill, followed three years, USA, 1959-62	
Sample:		
Non-Response:	24% not available because of death, mental deterioration, unknown address or r	
N:	167 (dropout at T2 46%)	

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Single direct question: "In general, how satisfied are you with your way of life? Quite satisfied, fairly satisfied, sometimes dissatisfied, usually disssatisfied?"
	Assessed at:
	- T1 (1959)
	- T2 (1962; 3 years interval)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLL/g/sq/v/4/a	G=+.65 p<.01	
	tb=+.33 p<.01	

	T1 happy	T1 unhappy
T2 happy	50	10
T2 unhappy	14	13

T1: 74% happy   T2: 69% happy
Change in happiness between T1 and T2: 28%
Both decrease and turnover greater in
domainsatisfactions than in overall satisfaction

Study	**HENLE 1967**	*Page in Report:*	72

Reported in:	Henley, B. & Davis, M.S. Satisfaction and dissatisfaction: A study of the chronically-ill aged patient. Journal of Health and Social Behavior, 1967, vol.8, p.65-75.
Population:	60+ aged chronically-ill, followed three years, USA, 1959-62
Sample:	
Non-Response:	24% not available because of death, mental deterioration, unknown address or r
N:	167 (dropout at T2 46%)

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Single direct question: "ingeneral, how satisfied are yiu with your life? Quite satisfied, fairly satisfied, sometimes dissatisfied, usually dissatisfied?" Assessed at T1 and T2 (three years interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLL/g/sq/v/4/a	G=+.65 p<.01	
	tb=+.33 p<.01	T1 happy T1 unhappy T2 happy 50 10 T2 unhappy 14 13 T1: 74% happy T2: 69% happy Change between T1 and T2: 28% Both decrease and turnover greater in domainsatisfactions than in overall satisfaction

Study	**KEITH 1985**	*Page in Report:*	414

Reported in:	P.M. Keith Work, retirement and well-being among unmarried men and women The Gerontologist, 1985, vol 25, p 410-416
Population:	58-63 aged unmarried, followed 10 years, USA, 1969-1979
Sample:	
Non-Response:	
N:	1398 (326 men, 1072 women)

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Single closed question, rated on a 3-point scale: "Taking things altogether, would you say you're very happy (3), pretty happy (2) or not too happy these days (1)?" (HAPP 1.1) Assessed at T1 (10 years ago) and T2.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/3/aa	r=+	Current happiness assessed at T2: Widowed r= +.36 (ns) ß= +.30 (05) Divorced/Separated r= +.33 (ns) ß= +.30 (05) Never married r= +.34 (ns) ß= +.23 (05) ß's controlled for sex, earlier education, age, earlier occupation, retirement attitudes, health, income and employment.

Study	**MCCRA 1990**	*Page in Report:*	22

Reported in:	McCrae,R.R. & Costa jr,P.T.
	Adding Liebe und Arbeit. The full five factor model and Well-being
	Personality and Social Psychology Bulletin, vol.? (1990)p.?
Population:	Single males and couples followed 7 years, Baltimore, USA, 1979-86
Sample:	
Non-Response:	
N:	429

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	10-item index of closed questions on specific affects Bradburn Affect Balance Score (AFF 2.3).
	Assessed at: - T1: 1979 - T2: 1981

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cm/mq/v/2/a	r=+.51	p<.01	T2 happiness (full ABS) by T1 happiness (full ABS)
	r=+.37	p<.01	T2 happiness (full ABS) by T1 positive affect (part ABS)
	r=-.39	p<.01	T2 happiness (full ABS) by T1 negative affect (part ABS)
O-DT/u/sq/v/7/a	r=+.51	p<.01	T2 happiness (LS: HAPP 2.1) by T1 happiness (ABS: AFF 2.3)
	r=+.37	p<.01	T2 happiness (LS: HAPP 2.1) by T1 positive affect
	r=-.39	p<.01	T2 happiness (LS: HAPP 2.1) by T1 negative affect

Study	**MCCRA 1990**	*Page in Report:*	22

Reported in:	McCrae,R.R. & Costa jr,P.T.
	Adding Liebe und Arbeit. The full five factor model and Well-being
	Personality and Social Psychology Bulletin, vol.? (1990)p.?
Population:	Single males and couples followed 7 years, Baltimore, USA, 1979-86
Sample:	
Non-Response:	
N:	429

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	10-item index of closed questions on specific affects Bradburn Affect Balance Score (AFF 2.3).
	Assessed at:
	- T1: 1979
	- T2: 1981

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cm/mq/v/2/a	r=+.51	p<.01	T1 happiness (full ABS) by T2 happiness (full ABS)
	r=+.39	p<.01	T1 happiness (full ABS) by T2 positive affect (part ABS)
	r=-.39	p<.01	T1 happiness (full ABS) by T2 negative affect (part ABS)
O-DT/u/sq/v/7/a	r=+.40	p<.01	T1 happiness (LS: HAPP 2.1) by T2 happiness (ABS: AFF 2.3)
	r=+.25	p<.01	T1 happiness (LS: HAPP 2.1) by T2 positive affect
	r=-.36	p<.01	T1 happiness (LS: HAPP 2.1) by T2 negative affect

| **Study** | **MCCRA 1990** | *Page in Report:* | 22 |

Reported in:	McCrae,R.R. & Costa jr,P.T.
	Adding Liebe und Arbeit. The full five factor model and Well-being
	Personality and Social Psychology Bulletin, vol.? (1990)p.?
Population:	Single males and couples followed 7 years, Baltimore, USA, 1979-86
Sample:	
Non-Response:	
N:	429

Measured Correlate

| *Class:* | . past happiness (1 to 10 years ago) Code: H 5.2.1.2 |

Measurement: Single direct question: "How do you feel about your life as a whole?" Rated on a 7-point terrible-delighted scale (HAP 4.1).

Assessed at:
- T1: 1979
- T2: 1981

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cm/mq/v/2/a	r=+.40	p<.01	T2 happiness (ABS: AFF 2.3) by T1 happiness (LS: HAPP 2.1)
O-DT/u/sq/v/7/a	r=+.61	p<.01	T2 happiness(LS: HAPP 2.1) by T1 happiness (LS: HAPP 2.1)

Study	**MCCRA 1990**	*Page in Report:*	22

Reported in:	McCrae,R.R. & Costa jr,P.T.
	Adding Liebe und Arbeit. The full five factor model and Well-being
	Personality and Social Psychology Bulletin, vol.? (1990)p.?
Population:	Single males and couples followed 7 years, Baltimore, USA, 1979-86
Sample:	
Non-Response:	
N:	429

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Single direct question: "How do you feel about your life as a whole?" Rated on a 7-point terrible-delighted scale (HAP 4.1).

```
Assessed at:
- T1: 1979
- t2: 1981
```

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cm/mq/v/2/a	r=+.51	p<.01	T1 happiness (ABS: AFF 2.3) by T2 happiness (LS: HAPP 2.1)
O-DT/u/sq/v/7/a	r=+.61	p<.01	T1 happiness (LS: HAPP 2.1) by T2 happiness (LS: HAPP 2.1)

Study	**MORTI 1981**	*Page in Report:*	16

Reported in:	Mortimer, J.T. & Lorence, J.
	Self-concept stability and change from late adolescence to early adulthood
	Research on community and mental health 1981, vol 2, page 5-42
Population:	University graduates 1966/67, followed into adulthood, Michigan, USA, 1962-76
Sample:	
Non-Response:	Attrition: 12%
N:	442

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Single direct question rated on 7 point scale.
	Happy..................Unhappy
	(lead sentence not reported)
	Assessed at:
	T1: 1962/63
	T2: 1966
	T3: 1976

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-H?/?/sq/n/7/a	r=+.33	T1-T2
	r=+.14	T1-T3
	r=+.26	T2-T3
		overtime correlations (r') computed from Lisrel model

Study	**MUSSE 1980**	*Page in Report:*	337

Reported in: Mussen, P., Eichorn, D.H., Honzik, M.P., Bieber, S.L. & Meredith, W.M.
Continuity and change in women's characteristics over four decades
International Journal of Behavioral Development   1980, vol 3, page 333-347

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

Sample:

Non-Response:

N: 81

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement:
```
Rating of satisfaction with lot on 7 point scales by independent
interviewers.

T1 (1930): Ratings by two interviewers:
 - Clinical psychologist on the
   basis of an interview
 - Social worker on the basis of
   observations at home and during
   tests of the child at university.
   Inter-rater agreement: r=+.60.
T2 (1970): Rating by one interviewer on    the basis of an
extensive interview
```

Measured Values:

Error Estimates:

Remarks: Guidance group only (N=53)

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-SLC/g/fi/v/7/b	r=+.15 ns	
	DMt=-.07	Guidance group only (N=53)

```
T1:  M=4.0  SD=1.2  Mt'=5.01
T2:  M=3.6  SD=1.3  Mt'=4.34
```

Study **MUSSE 1980**

| | | *Page in Report:* | 337 |

Reported in: Mussen, P., Eichorn, D.H., Honzik, M.P., Bieber, S.L. & Meredith, W.M.
Continuity and change in women's characteristics over four decades
International Journal of Behavioral Development   1980, vol 3, page 333-347

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

Sample:

Non-Response:

N: 81

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement:
```
Rating by independent interviewers, scored on a 7 point scale
T1 (1930): Ratings by two interviewers
- Clinical psychologist on the basis of  interview
- Social worker on the basis of  observations during visits at
home    and during tests of the child at  university
T2 (1970): Rating by one interviewer on  the basis of extensive
interview
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLC/g/fi/v/7/b	DMt=-0.7	T1: M=4.0 SD=1.2 Mt'=5.01
		T2: M=3.6 Sd=1.3 Mt'=4.34

Study

ORMEL 1980

Reported in: Ormel,H.

Moeite met leven of een moeilijk leven (Difficulty in livingor a difficult life)

Dissertation 1980, University of Groningen,the Netherlands, publisher: Konstapel, Groningen,the Netherlands.

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

Sample:

Non-Response: 18%

N: 296

Page in Report: 350

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: ```
8-item additive index of specific affects in the past few weeks
(Bradburn Affect Balance Scale: AFF 2.3)
Assessed at: - T2 (1976)
             - T3 (1977)
```

*Measured Values:*

*Error Estimates:*

*Remarks:*

## Observed Relation with Happiness

| Happiness Query | Statistics | | Remarks |
|---|---|---|---|
| A-BB/cw/mq/v/4/c | r=+.52 | p<.01 | T3 happiness by T2 happiness |

| **Study** | **PALMO 1977** | *Page in Report:* | 314 |

| *Reported in:* | Palmore, E.B. and Kivett, V.<br>Change in Life Satisfaction: A Longitudinal Study of Persons Aged 46-70<br>Journal of Gerontology, Vol 32, 1977, p 311-316 |
| *Population:* | 46+ aged whites,  North Carolina, USA, 1968-1972/74 |
| *Sample:* | Probability stratified sample |
| *Non-Response:* | |
| *N:* | 378 |

## Measured Correlate

| *Class:* | . past happiness ( 1 to 10 years ago)  Code: H 5.2.1.2 |
| *Measurement:* | Assessed at:<br>T1: 1968/70<br>T2: 1970/72<br>T3: 1972/74 |
| *Measured Values:* | |
| *Error Estimates:* | |
| *Remarks:* | |

## Observed Relation with Happiness

| *Happiness Query* | *Statistics* | *Remarks* |
|---|---|---|
| O-BW/c/sq/l/10/c | r=+.40   p<.05 | T1 life satisfaction by T3 life satisfaction |
| | Beta=+.3 p<.05 | Residual regression. Dependent T3 life satisfaction.<br>T1 life satisfaction   R = +.40<br>T1 selfrated health   B1= +.41 |
| | Beta=+.1 p<.05 | Residual regression. Dependent T3 life satisfaction.<br>T2 life satisfaction   R = +.56<br>T2 selfrated health   B1= +.57<br>T1 life satisfaction   B2= +.59 |
| | r=+.56   p<.05 | T2 life satisfaction by T3 life satisfaction |
| | Beta=+.4 p<.05 | Residual regression. Dependent T3 life satisfaction.<br>T2 life satisfaction   R = +.56<br>T2 selfrated health   B1= +.57<br>T1 life satisfaction   B2= +.59 |

## Study     **PALMO 1979**

| | | | *Page in Report:* | 345 |

*Reported in:*     Palmore, E.B., Cleveland Jr, P.C,, Nowlin, J.B., Ramm, D. & Siegler, I.C.
Stress and Adaptation in Later Life
Reprint form Journal of Gerontology 1979, Vol 34 pp (in this reprint) 341-356

*Population:*     46+ aged white, North Carolina, USA, 1968- 1976.

*Sample:*     Probability stratified sample

*Non-Response:*

*N:*     375

## Measured Correlate

*Class:*     . past happiness ( 1 to 10 years ago)  Code: H 5.2.1.2

*Measurement:*     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 selfanchoring ladder rating of life (adapted version)
Assessed at T1 and T4.

Measured Values: T1 M= 7.0
T4 M = 7.0

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/c/sq/l/10/c	DM=ns	Difference life satisfaction T1 to T4.

Study	**PALMO 1981**	*Page in Report:*	98

Reported in:	Palmore, E.B.
	Social Patterns in Normal Aging: Findings from the Duke Longitudinal Study.
	Duke University Press, Durham, North Carolina, USA, 1981; pp 95-107.
Population:	46+ aged whites, North Carolina, USA, 1968 - 1976.
Sample:	Probability stratified sample
Non-Response:	
N:	375

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2

| *Measurement:* | ```
46-50 years old
51-55
56-60
61-65
66-70
Assessed at
T1 1968/70
T2 1970/72
T3 1972/74
T4 1974/76
``` |

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
O-BW/c/sq/l/10/c	DM=ns	

Study

PALMO 1981

Reported in: Palmore, E.B.
Social Patterns in Normal Aging: Findings from the Duke Longitudinal Study.
Duke University Press, Durham, North Carolina, USA, 1981; pp 95-107.

Population: 46+ aged whites, North Carolina, USA, 1968 - 1976.

Sample: Probability stratified sample

Non-Response:

N: 375

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Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement:
```
Assessed at:
T1  1968/70
T2  1970/72
T3  1972/74
T4  1974/76
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-BW/c/sq/l/10/c	DM=ns	

Study	**SCHAE 1963/2**	*Page in Report:*	105

Reported in: Schaefer, E.S. & Bailey, N.

Maternal behavior, child behavior and their intercorrelations from infancy through

Monographs of the Society for Research in Child Development Serial 87, vol 28, nr 3, 1963.

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

Sample:

Non-Response:

N: 19

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement:
```
T1: age 0-3 (1929)
Clinical ratings on the basis of repeated observations of
expressive behavior (AFF 5.1). Ratings were scored on a 7 point
scale, that ranged from `happy' to `unhappy'. These ratings were
part of wider observations on social and psychological functioning.
Ratings were made in the following ages in months: 10, 11, 12, 14,
15, 18, 21, 27, 30, 36.

T2: age 12-18 (1947)
Happiness assessed in adolescence.
HAP 7.3 based on various interviews and observations in
adolescence.
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks	
A-CP/g/fi/v/7/a	mr=-.11	month 11	r=-.14 (ns)
		month 14	r=-.21 (ns)
		month 21	r=-.19 (ns)
		month 30	r=+.09 (ns)

Study   STACE 1991   *Page in Report:*   77

Reported in: Stacey, C.A. & Gatz, M.

Cross-sectional age-differences and longitudinal change on the Bradburn Affect

Journal of Gerontology, 1991, vol 46, page 76-78

Population: Three generations of family members, followed 14 years, USA, 1971-85

Sample:

Non-Response: Attrition T1-T2:
43%

N: 1159

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement: 10 item index of specific affects in the past few weeks
(Bradburn's Affect Balance Scale)
(AFF 2.3)

Assessed at:
 - T1: 1971
 - T2: 1985
(14 year interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.32	

Age (years)   Happiness (Ms')
T1   T2   T1   T2
15-19   29-33   5.81   6.70
20-34   34-48   6.02   6.82
35-49   49-63   6.93   7.40
50-64   64-78   7.23   7.62
65-86   79-100   7.51   6.38

Significant effect of age.
Both positive affect (PA) and negative affect (NA)
decline with age. Negative affect declines most. As
a result Affect Balance (Hedonic level) rises. This
appears both in cross-sectional and longitudinal
comparison.

Unaffected by sex

Negative affect: overtime correlation +.44
Positive affect: overtime correlatiom +.30

Study	**THOMP 1960**	*Page in Report:*

Reported in: Thompson, W.E., Streib, G.F. & Kosa, J.
The effect of retirement on personal adjustment: a panel analysis.
Journal of Gerontology, 1960, vol. 15, p. 165-169.

Population: 60+ aged, employed at start, followed 2 years, USA, 1952-54

Sample:

Non-Response:

N: 1559

Measured Correlate

Class: . past happiness (1 to 10 years ago) Code: H 5.2.1.2

Measurement:
```
Happiness (MIX 1.2) assessed at:
- T1 (1952)
- T2 (1954)

Measure: index of closed questions (devised through the use of the
Guttman (1944) scaling technique):

1. All in all, how much happiness would   you say you find in
life today?
2. In general, how would you say you   feel most of the time, in
good   spirits or in low spirits?
3. On the whole, how satisfied would   you say you are with your
way of   life today?
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
M-AO/g/mq/*/0/a	G=+.70 p<.01	Current happiness assessed at T2

```
                          Gainfully employed throughout : G'=+.75 (01)
                          Retired between T1 and T2      : G'=+.57 (01)
                          -Positive orientation to
                           retirement at T1              : G =+.53 (01)
                          -Negative orientation to
                           retirement at T1              : G =+.45 (01)
                          -Voluntary retired             : G'=+.60 (01)
                          -Compulsory retired            : G'=+.41 (01)
                          -Pos. orientation (T1),
                           voluntary retired             : G'=+.69 (01)
                          -Pos. orientation (T1),
                           compulsory retired            : G'=+.37 (01)
                          -Neg. orientation (T1),
```

```
                              voluntary retired           : G'=+.24 (O5)
                              -Neg. orientation (T1),
                              compulsory retired          : G'=+.52 (O1)
```

Study	**WESSM 1966/2**	*Page in Report:*	103

Reported in:	Wessman, A.E. & Ricks, D.F. Mood and personality Holt, 1966, New York, USA
Population:	Male college students, followed 3 years, Harvard University, USA, 1957-60
Sample:	
Non-Response:	37%: 9 dropouts, incomplete; about the same happiness distribution.
N:	17

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	Questionnaire items indicative of avowed happiness - unhappiness. Assessed two years earlier.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-ARE/md/sqr/v/10/	r=+.67	Hedonic level (Elation-Depression Scale: AFF 3.1) scored each night for the highest, lowest and average of the day. Mean daily highest mood : r = +.66 Mean daily average mood : r = +.67 Mean daily lowest mood : r = +.32

| **Study** | **YEO 1987** | *Page in Report:* | 256 |

Reported in:	Yeo, G., Ingram, L., Skurnick, J., and Crapo, L. Effects of a Geriatric Clinic on Functional Health and Well-being of Elders Journal of Gerontology, 1987, Vol. 42, pp 252-258
Population:	65+ aged, patients, ambulatory medical center, followed 18 mth, California, USA, 198?
Sample:	
Non-Response:	Refusal 15.91%, unable 6.17%, to 1st question. 11.36%, to 2nd question. 21.43%
N:	139

Measured Correlate

Class:	. past happiness (1 to 10 years ago) Code: H 5.2.1.2
Measurement:	10 item index of closed questions on specific affects in the past few weeks. (Bradburn Affect Balance Scale) Assessed at - T1: 1979 - T2: 18 months later
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cm/mq/v/2/a	r=+.34	geriatric clinic
	r=+.34	general medical clinic
		(r' computed from b and SD in table)

Study

Study	**BLOCK 1971/1**	*Page in Report:*	302-307

Reported in:	Block, J.
	Lives through time
	Bancroft Books inc., 1971, Berkely, USA
Population:	Highschool pupils, followed from age 11 to 35, USA, 1936-1957
Sample:	
Non-Response:	65% dropout,
	11% incomplete
	data
N:	160

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3
Measurement:	Rating on the basis of interview-protocols by independent judges of cheerfulness as personality descriptive variable from most uncharacteristic to most characteristic of the subject. Rated on a scale ranging from 1 to 9.

```
Happiness assessed at:
T1: junior high school: age 11-14, ±1936
T2: senior high school: age 14-17, ±1942
T3: fourth decade:      age 28-35, ±1957
```

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks

A-CP/g/rc/?/9/a	mr=+.54	T1 by T2 happiness:
		males: r=+.57 (001)
		         r corrected for attenuation =+.75
		females: r=+.50 (001)
		         r corrected for attenuation =+.69
		Females tend to become less happy between T1 and T2. The individual rankorder is largly maintained (conclusion based on corrected r).

	mr=+.31	T2 by T3 happiness:
		males: r=+.26 (05)
		         r corrected for attenuation =+.34
		females: r=+.36 (001)
		         r corrected for attenuation =+.46
		Females tend to become more happy between T2 and T3. The individual rankorder changes considerably (conclusion based on corrected r).

Study	**BLOCK 1971/2**	*Page in Report:*	81

Reported in:	Block, J.
	Lives through time
	Bancroft Books inc., 1971, Berkely, USA
Population:	Highschool pupils, followed from age 11 to 32, USA, 1936-51
Sample:	
Non-Response:	
N:	72

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3
Measurement:	Rating on the basis of interview protocols. T1: adolescence age 11 to 17 ± 1936. T2: adulthood age 32 ± 1951.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-CP/g/rc/?/9/a	mr=+.23	T1 by T2 happiness: - males : r= +.26 (ns) - females : r= +.20 (ns)

Study	**CHIRI 1982**	*Page in Report:*	23

Reported in:	Chiriboga, D.A. Consistency in adult functioning: The influence of social stress Ageing and Society, vol.2 part 1, p.7-29
Population:	People in transition followed 4 years, metropolis, USA, 1969-1980
Sample:	
Non-Response:	Attrition after 11 years 24%
N:	163 (in 1969:216)

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3
Measurement:	Happiness (HAPP 1.1) as assessed 11 years ago at T1 (1969). Closed question rated on a 3-point scale: "In general how happy are you these days?" Very happy: 1, pretty happy: 2, not too happy: 3 (order reversed). Assessed at: - T1 (1969) - T5 (1980; 11 years interval)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-HL/c/sq/v/3/cb	r=+	ns	Males: r= +.03 ns Females: r= +.18 ns

Study **CHIRI 1989**

Page in Report: 65

Reported in:	Chiriboga, D.A.
	Stress and loss in middle age
	Midlife loss: coping strategies (1989). Editor: Kalish, R.A.Publisher: Sage Publications, Inc.
Population:	People in transition, followed 4 years, metropolis, USA, 1969-1980
Sample:	
Non-Response:	Attrition after 11 years 24%
N:	163 (in 1969 216)

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement:
```
Affect Balance Score (AFF 3.2)
8-item index of specific affects (Bradburn 1969), scored "never",
"once", "several times" or "often" during the past week.

Assessed at:
- T1 (1969)
- T2 (1972)
- T3 (1974)
- T4 (1976)
- T5 (1980; 11 years interval)
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-BB/cw/mq/v/4/d	r=+.38	p<.05	T1 happiness by T2 happiness -T1 positive affect by T2 pos.affect r=+.53 (01) -T1 negative affect by T2 neg.affect r=+.53 ns
	r=+.46	p<.05	T1 happiness by T3 happiness -T1 positive affect by T3 pos.affect r=+.55 (01) -T1 negative affect by T3 neg.affect r=+.34 ns
	r=+.57	p<.01	T1 happiness by T4 happiness -T1 positive affect by T4 pos.affect r=+.44 (05) -T1 negative affect by T4 neg.affect r=+.50 (01)

```
r=+.04   ns      T1 happiness by T5 happiness
                 -T1 positive affect by T5 pos.affect r=+.48 (01)
                 -T1 negative affect by T5 neg.affect r=+.01 ns


                 LOW STRESS GROUP (N=51)


r=+.45   p<.01   T1 happiness by T2 happiness
                 -T1 positive affect by T2 pos.affect r=+.30 (05)
                 -T1 negative affect by T2 neg.affect r=+.39 (01)
r=+.37   p<.01   T1 happiness by T3 happiness
                 -T1 positive affect by T3 pos.affect r=+.52 (01)
                 -T1 negative affect by T3 neg.affect r=+.37 (01)
r=+.39   p<.01   T1 happiness by T4 happiness
                 -T1 positive affect by T4 pos.affect r=+.55 (01)
                 -T1 negative affect by T4 neg.affect r=+.48 (01)
r=+.26   p<.05   T1 happiness by T5 happiness
                 -T1 positive affect by T5 pos.affect r=+.36 (01)
                 -T1 negative affect by T5 neg.affect r=+.29 (05)
```

Study	**COSTA 1981**	*Page in Report:*	81

Reported in:	Costa,P.T., McCrae,R.R. & Morris,A.H.
	Personal adjustment to aging: Longitudinal prediction from neuroticism and
	Journal of Gerontology, vol.36(1981), p.78-85
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:	557 at T1, 423 at T2, 117 at T3

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3
Measurement:	Single closed question: 'How do you feel about what you have accomplished in life: well satisfied, reasonably satisfied or dissatisfied ?' Assessed at: - T1 (1958-1963) - T2 (1964-1969; mean interval 5.3 yr) - T3 (1969-1975; mean interval 12.6 yr)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
C-A/h/sq/v/3/a	r=+.49	T1 by T2
	r=+.46	T1 by T3

Study	**DOBSO 1985**	*Page in Report:*	124

Reported in:	Dobson, C.
	Attitudes and Perceptions
	Powers, E.A., Goudy, W.J. & Klein, P.M. (eds), Later life Transitions: Older Males in America. Kluwer, 1985, Dordrecht
Population:	50+ aged males, fulltime employed, followed ten years, Iowa, USA, 1964-74
Sample:	
Non-Response:	T1 refusals: 8% T1-T2 drop-out: 29%, of which 20% deceased
N:	T1: 1870, T2: 1319

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement:
```
Single direct question:
"How do you feel things have worked out for you generally?
4. very well
3. fairly well
2. not very well
1. not at all well          (CON 1.1)

Assessed at T1 and T2 (10 yr interval)
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
M-CO/h/sq/v/4/a	r=+.39 p<.001	

	T2 very	T2 fairly	T2 not
T1: very	71%	32%	23%
T1: fairly	28%	65%	62%
T1: not	1%	3%	15%

```
T1: M=3.52  SD= 0.54  Mt'=8.40
T2: M=3.53  SD=0.55   Mt'=8.43
```

About one-third changed their estimate of well-being. The average remained the same.

Study	**MUSSE 1980**	*Page in Report:*	337

Reported in:	Mussen, P., Eichorn, D.H., Honzik, M.P., Bieber, S.L. & Meredith, W.M.
	Continuity and change in women's characteristics over four decades
	International Journal of Behavioral Development 1980, vol 3, page 333-347
Population:	Mothers, followed from age 30 to 70, Berkeley, USA, 1930-70
Sample:	
Non-Response:	
N:	81

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement:
```
Rating of cheerfulness (vs gloomy) on 7 point scales by
independent interviewers.

T1 (1930): Ratings by two interviewers:
  - Clinical psychologist on the
    basis of an interview
  - Social worker on the basis of
    observations at home and during
    tests of the child at university.
  Inter-rater agreement: r=+.59
T2 (1970): Rating by one interviewer on    the basis of an
extensive interview
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-CP/g/fi/n/7/a	r=+.28	p<.05	Guidance group (N=53)
	r=+.27	ns	Control group (N=28)
	DMt=0		T1: M=3.7 SD=1.1 Mt'=4.51
			T2: M=3.7 Sd=1.2 Mt'=4.51

Study **MUSSE 1980**

| | | Page in Report: | 337 |

Reported in:	Mussen, P., Eichorn, D.H., Honzik, M.P., Bieber, S.L. & Meredith, W.M. Continuity and change in women's characteristics over four decades International Journal of Behavioral Development 1980, vol 3, page 333-347
Population:	Mothers, followed from age 30 to 70, Berkeley, USA, 1930-70
Sample:	
Non-Response:	
N:	81

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3
Measurement:	Rating of cheerfulness (vs gloomy) on 7 point scale by independent interviewers T1 (1930): Rating by two independent interviewers: - clinical psychologist on the basis of an interview, and - social worker on the basis of observations during visits at home and during tests of the child at university T2 (1970): Rating by one interviewer on the basis of an extensive interview
Measured Values:	
Error Estimates:	
Remarks:	Guidance group only (N=53)

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-CP/g/fi/n/7/a	DMt=0	T1: M=3.7 SD=1.1 Mt'=4.51 T2: M=3.7 SD=1.2 Mt'=4.51 Guidance group only (N=53)

Study   **MUSSE 1980/2**

		Page in Report:	337

Reported in: Musse, P.; Eichorn, D.H.; Honzik, M.P.; Bieber, S.L.;   Meredith, W.M.
Continuity and Change in Women's Characteristics over four   Decades
International Journal of Behavioral Development, Vol. 3   1980, p. 333 - 347

Population: Mothers of preschool-aged-children, Berkeley USA, 1928-68

Sample:

Non-Response:

N: 28

Measured Correlate

Class: . long term happiness (< 10 years ago)   Code: H 5.2.1.3

Measurement:
```
T1 happiness (age ± 30) assessed by interviewer ratings of
cheerfulness.
Index of two ratings by a psychologist and a psychiatric social
worker, who interviewed the subject independently.

T2 happiness (age ± 70) assessed by an index of two independent
ratings: one by the interviewer and the other by a clinical
psychologist who read the interview protocol.
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-CP/g/fi/v/7/a	r=+.27 p<.10	

Study   **SCHAE 1963/1**   *Page in Report:*

Reported in:	Schaefer, E.S. & Bayley, N.
	Maternal behavior, child behavior, and their intercorrelations from infancy through
	Monographs of the Society for Research in Child Development,Serial no. 87, vol. 28, nr. 3 .
Population:	Children followed from age 0 to 18, Berkeley, California, USA, 1929-47
Sample:	
Non-Response:	13% drop-outs (7 children and their mothers)
N:	54: see under remarks

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement:

```
T1: (1929)
Happiness (AFF 5.1, hedonic level) rated 12 times between 10-36
months of age. Ratings combined: months 10 + 11 + 12 / 13 + 14 +
15 / 18 + 21 + 24 / 27 + 30 + 36.

T2: (1947)
Ratings by two judges on the basis of notes from observations and
interviews between age 12-18. (inter-rater agree-
ment rather low)

1.   4-item index involving:
     - discontented
     - unhappy
     - dissatisfied
     - complains       (HAPP 3.4)

2.   2-item index involving:
     - gloomy
     - not cheerful   (AFF 1.5)
```

Measured Values:

Error Estimates:

Remarks:

	Months 10-12	Months 13-15	Months 18-24	Months 27-36

Observed Relation with Happiness

Happiness Query	Statistics	Remarks				
A-CP/mi/tsb/n/7/a	mr=-.03	1.	-.09(ns)	-.07(ns)	-.02(ns)	+.07(ns)
	mr=-.11	2.	-.14(ns)	-.21(ns)	-.19(ns)	+.09(ns)

Computed for girls only (N = 19).

	Months 10-12	Months 13-15	Months 18-24	Months 27-36

Study	**SCHAE 1963/2**	*Page in Report:*	105

Reported in:	Schaefer, E.S. & Bailey, N.
	Maternal behavior, child behavior and their intercorrelations from infancy through
	Monographs of the Society for Research in Child Development Serial 87, vol 28, nr 3, 1963.
Population:	Girls, followed from age 0 to 18, Berkely, California, USA, 1929-47
Sample:	
Non-Response:	
N:	19

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement:
```
T1: age 0-3 (1929)
Clinical ratings on the basis of repeated observations of
expressive behavior (AFF 5.1). Ratings were scored on a 7 point
scale, that ranged from `happy' to `unhappy'. These ratings were
part of wider observations on social and psychological functioning.
Ratings were made in the following ages in months: 10, 11, 12, 14,
15, 18, 21, 27, 30, 36.

T2: age 12-18 (1947)
Happiness assessed in adolescence.
HAP 7.3 based on various interviews and observations in
adolescence.
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks	
O-Sum/g/rc/v/7/a	mr=-.03	month 11	r=-.09 (ns)
		month 14	r=-.07 (ns)
		month 21	r=-.02 (ns)
		month 30	r=+.07 (ns)

Study   **TUDDE 1959**

		Page in Report:	16

Reported in: Tuddenham, R.D.
The constancy of personality ratings over two decades.
Genetic {Psychology Monographs, 1959, vol. 60, page 3-29

Population: High school pupils, followed into adulthood, California USA, 1934-53

Sample:

Non-Response:

N: 72

Measured Correlate

Class: . long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement:
```
Clinical rating by two independant observers:
T1: Observation on playground by two
    female staff members
T2: Ratings onthe basis of clinical
    interviews with two psychologists
    (interviews with one week interval)

Interrater agreement high
T1: boys r=+.66   girls  r=+.80
T2: men  r=+.78   women  r=+.78
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
A-CP/c/rc/n/9/a	r=+.26	ns	men
	r=+.20	ns	women

Study	**TUDDE 1962**	*Page in Report:*	666

Reported in:	Tuddenham, R.D.
	Constancy of personal morale over a 15 year interval.
	Child Development 1962, vol. 33, page 663-673
Population:	Senior high-school pupils, followed into adulthood, USA, 1938-53
Sample:	
Non-Response:	
N:	92

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement: Single direct question: "Will people of your age get the things they want most of life?"
4. I expect to get almost all the   things I really want in life
3. I will probably get more of the   things I really want than not
2. There are several things I want in   life but will probably never have
1. I will probably never have most of   the things I really want in life

Assessed at:
 - T1 (1938)
 - T2 (1953)
(25 year interval)

Measured Values:

Error Estimates:

Remarks: Temporal stability:

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
C-W/u/sq/v/4/a	r=+.23	p<.05	- males
	r=+.08	ns	- females Temporal stability:
			Temporal shift:
	DMt=+1.		- males T1: M=2.79 Mt'=5.96
	Chi²=+	p<.05	T2: M=3.13 Mt'=7.09
	DMt=+1.		- females T1: M=2.90 Mt'=6.32
	Chi²=+	ns	T2: M=3.19 Mt'=7.29

Both males and females get more contented

Study   **TUDDE 1962**

Page in Report: 666

Reported in:	Tuddenham, R.D.
	Constancy of personal morale over a 15 year interval.
	Child Development 1962, vol. 33, page 663-673
Population:	Senior high-school pupils, followed into adulthood, USA, 1938-53
Sample:	
Non-Response:	
N:	92

Measured Correlate

Class:	. long term happiness (< 10 years ago) Code: H 5.2.1.3

Measurement:
```
Single direct question: "Is it fun to be alive?"
4. I enjoy life so much that it is   really just fun to be alive
3. There are only a few things in life   that are really dis
appointing
2. There are many things in life that
   are really disappointing
1. Sometimes life seems just a series   of disappointments

Assessed at:
 - T1 (1938)
 - T2 (1953)
(25 year interval)
```

Measured Values:

Error Estimates:

Remarks: Temporal stability:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
C-W/u/sq/v/4/a	r=+.10	ns	- males
	r=+.19	ns	- females Temporal stability:
			Temporal shift:
	DMt=.06		- males T1: M=3.21 Mt'=7.35
	Chi²=+	ns	T2: M=3.25 Mt'=7.49
	DMt=.00		- females T1: M=3.18 Mt'=7.25
	Chi²=+	ns	T2: M=3.18 Mt'=7.25

Fewer adults than adolescents say to enjoy life
(score 4), but also fewer emphasize disappointments
(scores 2 and 1)

Study	**FUGL 1991**	*Page in Report:*	90

Reported in:	Fugl-Meyer, A.R. , Eklund, M. & Fugl-Meyer, K.S. Vocational rehabilitation in Northern Sweden; Aspects of life satisfaction. Eklund,M.: On vocational rehabilitation in Northern Sweden, Diss. Univ.of Umea, 1991, pp 87-95.
Population:	Handicapped referred for vocational rehabilitation,followed 2 years, Umea, Sweden, 198?
Sample:	Non-probability chunk sample
Non-Response:	
N:	T1:149 ; T2: 126

Measured Correlate

Class:	Actual changes in happiness Code: H 5.2.2
Measurement:	Difference in life-satisfaction at: T1: before start of vocational training T2: two years after
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-SLW/u/sq/v/6/a	W=	ns	Same job T1 and T2 (N = 24)
	W=	p<.02	New job/ vocationally activated at T2 (N = 50)
	W=	p<.03	In training/education at T2 (N = 21)
	W=	ns	Sick/umemployed at T1 and T2 (N = 31)

Study   **PALMO 1977**   *Page in Report:*   313

Reported in: Palmore, E.B. and Kivett, V.
                  Change in Life Satisfaction: A Longitudinal Study of Persons Aged 46-70
                  Journal of Gerontology, Vol 32, 1977, p 311-316

Population: 46+ aged whites, North Carolina, USA, 1968-1972/74

Sample: Probability stratified sample

Non-Response:

N: 378

Measured Correlate

Class: Actual changes in happiness Code: H 5.2.2

Measurement:
```
Tabel 1 nog invoeren hier.
Assessed at:
T1: 1968/70
T2: 1970/72
T3: 1972/74
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-BW/c/sq/l/10/c	DM=0	p<.05	Age-groups at T1, T2, T3: no difference of means. Change from round 1 to 3: -1.

Study	**ORMEL 1980**	*Page in Report:*	235

Reported in:	Ormel,H.
	Moeite met leven of een moeilijk leven (Difficulty in livingor a difficult life)
	Dissertation 1980, University of Groningen,the Netherlands, publisher: Konstapel, Groningen,the Netherlands.
Population:	15-60 aged, general public, followed 12 month, The Netherlands, 1967-77
Sample:	
Non-Response:	18%
N:	296

Measured Correlate

Class:	. change over life time Code: H 5.2.2.1
Measurement:	Increase in happiness over T2-T3. 8-item additive index of specific affects in the past few weeks (Bradburn Affect Balance Scale: AFF 2.3) Assessed at T2(1976) and T3(1977).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cw/mq/v/4/c	r=+.18 p<.01	T3 happiness by T2-T3 increase in happiness

Study **THOMA 1986**

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Page in Report: 838

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Reported in:	Thomas, M.E.; Hughes, M.
	The continuing significance of race: a study of race, class, and quality of life in
	American Sociological Review, 1986, Vol. 51, 830-841
Population:	18+ aged, general public, USA, 1972-85
Sample:	Probability multi-stage cluster sample
Non-Response:	
N:	18000

Measured Correlate

Class:	. change over life time Code: H 5.2.2.1
Measurement:	1972
	.
	.
	.
	1985
Measured Values:	
Error Estimates:	
Remarks:	cross-sectional analysis
	split-up by age cohorts

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-HL/c/sq/v/3/aa	DMa=	ns	youngest cohort (turned 18 in 1970 or later)
	DMa=	ns	young/middle cohort (turned 18 between 1960-69)
	DMa=	p<.05	middle cohort (turned 18 between 1950-59)
	DMa=	ns	middle/old cohort (turned 18 between 46-49)
	DMa=	p<.05	eldest cohort (turned 18 prior to 1940)
			Means adjusted for social class, age and marital status

cross-sectional analysis
split-up by age cohorts

Study	**THURN 1983**	*Page in Report:*	56

Reported in:	Thurnher,M.
	Turning points and development change: Subjective and "objective" assessments
	American J.Orthopsychiat. vol 53, 1983, p.52-60
Population:	People in transition, followed 8 years, Metropolis USA, 1969-77
Sample:	
Non-Response:	Sample attrition:
	17%
N:	180 (216 in
	1969)

Measured Correlate

Class:	. change over life time Code: H 5.2.2.1
Measurement:	Index (HAP 3.2) consisting of:

```
- "Dissatisfied" and "unhappy"   responses on the Block (1961)
Adjective Rating List
-  Overall happiness
-  Present-year score on the   Life-Evaluation Chart

Assessed at T1 (1969) and T2 (1977)
```

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
O-Sum/u/mq/*/0/a	AoV=	ns	T2 Happiness by change in happiness (T2-T1).

```
                              Change in happiness over the 8 years period
                              indicated by including 'time' in ANOVA.
                              No interaction with age and sex.
```

Study	**THURN 1983**	*Page in Report:*	56

Reported in:	Thurnher,M. Turning points and development change: Subjective and "objective" assessments American J.Orthopsychiat. vol 53, 1983, p.52-60
Population:	People in transition, followed 8 years, Metropolis USA, 1969-77
Sample:	
Non-Response:	Sample attrition: 17%
N:	180 (216 in 1969)

Measured Correlate

Class:	. change over life time Code: H 5.2.2.1
Measurement:	8-item index of specific affects (Bradburn 1969), scored "never", "once", "several times" or "often" during the past week (AFF 2.3). Assessed at T1 (1969) and T2 (1977)
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/cw/mq/v/4/d	AoV=+ p<.01	T2 Happiness by change in happiness (T2-T1). Change in happiness over the 8 years period indicated by including 'time' in ANOVA. No interaction with age and sex.
	E²=+.18 p<.01	

Appendix 1   *Queries on Happiness used in reported Studies*
Happiness Query Code   *Full Text*

A-AOL/g/mq/*/0/a	Selfreport on 2 questions:

A: "In general how happy or unhappy do you usually feel? Check the one
statement below that best describes your average happiness.
10   extremely happy (feeling ecstatic, joyous, fantastic)
9   very happy (feeling really good, elated)
8   pretty happy (spirits high, feeling good)
7   mildly happy (feeling fairly good and somewhat cheerful)
6   slightly happy (just a bit above neutral)
5   neutral (not particularly happy or unhappy)
4   slightly unhappy (just a bit below neutral)
3   mildly unhappy (just a litle low)
2   pretty unhappy (somewhat "blue", spirits down)
1   very unhappy (depressed, spirits very low)
0   extremely unhappy (utterly depressed, completely down)"

B: "Consider your emotions a moment further. On the average.
- What percent of the time do you feel happy?
- What percent of the time do you feel unhappy?
- What percent of the time do you feel neutral (neither happy
 nor unhappy)?
 Make sure the three figures add-up to equal 100%".

Scoring:
- Question A : 0.- 10
- Question B : % happy
Summation : (A * 10 + B)/2

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

Original text in Danish:
'Hvordan har du det for tiden?
5 meget godt
4 godt
3 hverken godt eller darligt
2 dårligt
1 meget dårligt

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-ARE/md/sqr/v/10/b   Selfreport on single question, answered every evening before retiring during six weeks (experience sampling)

"On average; how elated or depressed, happy or unhappy you felt today....?
10 Complete elation, rapturous joy and soaring ecstacy
9   Very elated and in very high spirits.   Tremendous
      delight and buyoancy
8   Elated and in high spirits
7   Feeling very good and cheerfull
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 awfull"
1   Utter depression and gloom. Completely down.
      All is black and leaden. Wish it were all over.

Name: Wesssman & Ricks' `Elation - depession scale'

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

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

Answer options and scoring:
 yes = 1
 no = 0
Summation:
-Positive Affect Score (PAS): A+C+E+G+I

-Negative Affect Score (NAS): B+D+F+H+J
-Affect Balance Score (ABS): PAS minus NAS
Possible range: -5 to +5

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

A-BB/cw/mq/v/4/c   Selfreport on 8 questions:

" In the past few weeks did you ever feel.....?"
A Pleased about having accomplished something
B Upset because someone critized you
C Proud because someone complimented you one 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/d   Selfreport on 8 questions.

"During the past week, did you ever feel.....?"
A very lonely
B restless
C bored
D depressed
E on top of the world
F exited or interested
G pleased about accomplishment
H proud

Answer options:
1 never
2 once
3 several times
4 often

Summation:
-Positive Affect Score (PAS): E+F+G+H

-Negative Affect Score (NAS): A+B+C+D
-Affect Balance Score (ABS): PAS-NAS+13

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

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

A-BC/cm/mq/v/4/a

Name: Bradburn's `Affect Balance Scale' (modified version)
Selfreport on 13 questions:

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

A. Exited or pleased about something you were doing
B. That important things in life are going your way
C. Happy, satisfied, or pleased with your personal life.
D. Exited or pleased with something you did or a problem you
    solved
E. That you have a lot of friends you can count on
F. Nervous or tense
G. So restless and irritated you couldn't sit still
H. Down-hearted or depressed
I. Felt concerned or worried about your health

J. Guilty about something you shouldn't have done
K. Unable to get a good night's sleep
L. That your mind was not working the way it should
M. Miserable or discouraged about your future

Answer options:
1 none of the time
2
3
4 most of the time

Summation:
Positive Affect Scale (PAS):A+B+C+D+E
Negative Affect Scale (NAS):F+G+H+I+J+K+L+M
Affect Balance Scale (ABS): PAS minus NAS
Possible range: -32 to + 20

Name: Bradburn's Affect Balance Scale (variation by Cohen)

A-BK/cm/mq/v/5/a   Selfreport on 40 questions:

"Over this time period (the last few weeks) I have had the feeling described by":
A My life is on the right track
B I seem to be left alone when I don't want to be
C I feel I can do whatever I want to
D I think clearly and creatively
E I feel like a failure
F Nothing seems very much fun any more
G I like myself
H I can't be bothered doing anything
I   I feel close to people around me
J I feel as though the best years of my life are over
K My future looks good
L   I have lost interest in other people and don't care about them
M I have energy to spare
N I smile and laugh a lot
O I wish I could change some parts of my life
P My thoughts go around in useless circles
Q I can handle any problems that come up
R My life seems stuck in a rut
S I feel loved and trusted
T I feel there must be something wrong with me

"Over this period (the last few weeks), "how often you felt...""
U   Satisfied
V   Lonely
W   Free-and-easy
X   Clear-headed
Y   Helpless
Z   Impatient
AA   Usefull
AB   Depressed

AC   Loving
AD   Hopeless
AE   Optimistic
AF   Withdrawn
AG   Enthusiastic
AH   Good-natured
AI   Discontented
AJ   Confused
AK   Confident
AL   Tense
AM   Understood
AN   Insignificant

Answer options;
0 not at all
1 occasionally
2 some of the time
3 often
4 all the time

Summation:
- Positive Affect score (PAS): mean positive items
- Negative Affect Score (NAS): mean negative items
- Affect balance score (ABS): PAS minus NAS
Possible range: -4 to +4

A-BK/cm/mq/v/5/b   Selfreport on 48 questions:

SENTENCES
Each of the sentences below describes a FEELING. Mark HOW OFTEN you had
that feeling during the past few weeks.
A   Nothing goes right with me
B   I feel close to people around me
C   I feel as though the best years of my life are over
D   I feel my life is on the right track
E   I feel loved and trusted
F   My work gives me a lot of pleasure
G   I don't like myself
H   I feel very tense
 I   I feel life isn't woth living
J   I am content with myself
K   My past life is filled with failure
L   Everything I do seems worthwile
M   I an't be bothered doing anything
N   I feel I can do whatever I want to
O   I have lost interest in other people and don't care about
     them
P   Everything is going right for me
Q   I can express my feelings and emotions towards other
     people
R   I'm easy going
S   I seem to be left alone when I don't want to be

T   I wish I could change some parts of my life
U   I seem to have no real drive to do anything
V   The future looks good
W   I become very lonely
X   I can concentrate well on what I'm doing
Y   I feel out of place
Z   I think clearly and creatively
AA   I feel alone
AB   I feel free and easy
AC   I smile and laugh a lot
AD   I feel things are going my way
AE   The world seems a cold and impersonal place
AF   I feel I've made a mess of things again
AG   I feel like hiding away
AH   I feel confident about decisions I make
AI   I feel depressed for no apparent reason
AJ   I feel other people like me
AK   I feel like a failure
AL   I feel I'm a complete person
AM   I'm not sure I'm done the wright thing
AN   My future looks good
AO   I'm making the most out of my life
AP   Everything is going wright for me
AQ   I feel unimportant
AR   I feel as though there must be something wrong with me
AS   I don't feel like making the effort to do anything
AT   I feel confident in my dealings with the opposite sex
AU   I want to hurt those who have hurt me
AV   The results I have obtained make my efforts worthwhile

ADJECTIVES
Each of the objectives below discribe a FEELING. Mark HOW OFTEN you had
that feeling during the past few weeks;
A   Confident
B   Hopeless
C   Pleasant
D   Insignificant
E   Discontented
F   Healthy
G   Dejected
H   Annoyed
I   Down
J   Glad
K   Glowing
L   Relaxed
M   Comfortable
N   Moody
O   Understood
P   Blue
Q   Miserable
R   Joyful

S   Tense
T   Insecure
U   Shaky
V   Satisfied
W   Safe
X   Successful
Y   Free
Z   Sad
AA   Good-natured
AB   Impatient
AC   Rejected
AD   Lively
AE   Frustrated
AF   Fearful
AG   Lonely
AH   Warm
AI   Contented
AJ   Good
AK   Secure
AL   Disappointed
AM   Understanding
AN   Depressed
AO   Low
AP   Calm
AQ   Unhappy
AR   Upset
AS   Empty
AT   Enthusiastic
AU   Happy
AV   Vibrant

Answer options:
0 not at all
1 occasionally
2 some of the time
3 often
4 all of the time

Summation:
-Positive Affect Score (PAS): mean positive items
-Negative Affect Score (NAS): mean negative items
-Affect Balance Score (ABS): PAS minus NAS
Possible range - 4 to +4

A-CA/mh/ri/?/0/a   Interviewer rating

Interviewer rating of happiness, using flexible standards relative to the age of the subject.

Full instructions not reported.

A-CA/mh/ri/v/2/a   Interviewer-rating of cheerful appearance on 8 aspects

A The look is
   2) open
   1) evasive
   - impossible to say
B The corners of the mouth turn
   2) up
   1) down
   - impossible to say
C The posture is
   2) relaxed, at ease
   1) rather tense
   - impossible to say
D The movements are
   2) relaxed, at ease
   1) limited, withdrawn
   - impossible to say
E   The eyes are
   2) big, open
   1) small, screwn up
   - impossible to say
F   The elbowes are kept
   2) not close to the body
   1) close to the body
   - impossible to say
G   The lips are more
   2) broad, full
   1) thin, pend up
   -   impossible to say
H   All in all the subject looks
   2) quite cheerfull
   1) not very cheerfull
   -   difficult to say

Scoring: sum of aspect ratings

Name: `Allensbacher Ausdruckstest'

Original text in German:
A Der Blick ist-
   2) frei
   1) eher ausweichend
   -   unmöglich zu sagen
B Die Mundwinkel weisen -
   2) nach oben
   1) nach unten
   -   unmöglich zu sagen
C Die Haltung ist -
   2) locker, gelöst
   1) eher steif
   -   unmöglich zu sagen
D Die Bewegungen sind -

    2) locker, gelöst
    1) sparsam, zurückhaltend
    -   unmöglich zu sagen
E   Die Augen sind eher -
    2) grosz, offen
    1) klein, verengt
    -   unmöglich zu sagen
F   Die Elbogen werden gehalten -
    2) nicht so eng am Körper
    1) eng am Körper
    -   unmöglich zu sagen
G   Die Lippen sind eher -
    2) breit, voll
    1) schmal, verpreszt
    -   unmöglich zu sagen
H   Die Beobagte sieht insgesamt
    2) ganz frohlich aus
    1) nicht so frohlich aus
    -   schwer zu sagen

A-CP/c/rc/n/9/a   Clinical rating of cheerfullness:

                       Based on independent interviews by two psychologists with one week interval.

                       Rating cheerfull - glum on 9 step scale (rating scale not reported)

A-CP/g/fi/n/7/a   Selfreport in focussed interview:

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

                       Rating options:
                       7 cheerfull
                       6
                       5
                       4
                       3
                       2
                       1 gloomy

A-CP/g/fi/v/7/a   Selfreport in focussed interview

                       Rating two independant interviewers.
                       A. Psychiatric social worker who interviewed parents at home. Interview focussed
                       on child
                       B. Clinical psychologist who interviewed parents separately. Interview focussed on
                       family life.

                       Rating options:
                       7 extremely cheerfull, animated, jolly
                       6
                       5
                       4 usually good-humored air
                       3
                       2

1 dejected, melancholic appearance, in the dumps

Summation: average ratings A and B

A-CP/g/rc/?/9/a   Clinical rating of cheerfullness.

Rating on the basis of interview-protocols by 2 or 3 independent judges of cheerfulness as personality descriptive variable from most uncharacteristic to most characteristic of the subject.

Rating options: scale rating from 1 to 9 (scale options not reported)

A-CP/mi/tsb/n/7/a   Time sampling of happy behaviors

The children were rated during the first 3 years of their lives, after 10, 11, 12, 13, 14, 15, 18, 21, 24, 27, 30 and 36 months of living for 'Emotional tone: unhappy - happy' on a 7-point scale.
Scoring rated on 7-step numerical scale.

Summation:
Later the ratings of 10 - 12, 13 - 15, 18 - 24, and 27 - 36 months were combined.

Rated on 7-step numerical scale.

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-RG/h/sq/l/11/a   Selfreport on single question:

"How would you rate yourself as to how successful or unsuccessful you have been in terms of achieving your own goals and aims in life? Think of the top of the ladder as being completely successful, the bottom being entirely unsuccessfull."
[10]   completely succesfull
[9]
[8]
[7]
[6]
[5]
[4]
[3]
[2]
[1]
[0]   entirely unsuccesfull

C-RG/u/sq/v/7/b   Selfreport on single question:

"Some people have certain goals or aspirations for various aspects of their lives. They aim for a particular sort of home, income, family lifestyle, and so on. Compared to your general aims and goals, how would you say that your life measures up to it.....?"
1 not at all
2 fairly

3 poorly
4 half as well as your goal
5 fairly
6 well
7 matches your goal

C-W/u/sq/v/4/a   Selfreport on single question:

"Will people of your age get the things they want most in life.....?"
4 I expect to get almost all the things I really want in life
3 I will probably get more of the things I want than not
2 There are several things I want in life but will probably not get
1 I will probably never get most of the things I really want in life

M-AO/g/mq/*/0/a   Selfreport on 3 questions:

A "All in all, how much happiness would you say you find in life today......?"
3 a great deal
2 some but not very much
1 almost none

B "In general, how would you say you feel most of the time, in good spirits or in
low spirits.....?"
1 I am usually in low spirits
2 I am sometimes in good spirits, sometimes in low spirits
3 I am mostly in good spirits

C "On the whole, how satisfied are you with your way of life today.....?"
4 very satisfied
3 fairly satisfied
2 not very satisfied
1 not satisfied at all

Items selected by Guttman scaling.

M-AO/u/mq/*/0/a   Selfreport on 2 questions:

A "Taking all things together, how would you say things are these days? Would
you say you are.....?"
1 not too happy
2 pretty happy
3 very happy

B "How often do you feel that you are really enjoying life.....?"
1 rarely
2 now and than
3 fairly often
4 all the time

Summation: factor score

M-CO/h/sq/v/4/a   Selfreport on single question:

 "How do you feel things have worked out for you generally?
4 very well

	3 fairly well
	2 not very well
	1 not at all well
M-FH/c/mq/?/7/a	Selfreport on 2 questions:

A " ....avowed happiness at this moment of life......"
B " ....avowed happiness over the past month......"
(Full questions not reported)

Response options:
1
2
3
4
5
6
(response labels not reported)

Summation : not reported

M-FH/c/sq/v/7/a   Selfreport on single question:

"Taking all things together, how would you say you have been this period? Check the frase that best describes how you have felt."
7 very happy
6 happy
5 somewhat happy
4 mixed (about equally happy and unhappy)
3 somewhat unhappy
2 unhappy
1 very unhappy

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

Original text in German:
"Wie wurden Sie den letzten Monat Ihres Lebens einstufen? War das für Sie eine glückliche oder eine unglückliche Zeit.....?"
e   sehr glückliche Zeit
d   recht glückliche Zeit
c   weder glücklich noch unglücklich
b   eher unglückliche Zeit
a   sehr unglückliche Zeit

O-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 selfanchoring ladder rating of life (adapted version)

O-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 respresents 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 selfanchoring ladder rating of life (original)

O-BW/c/sq/l/11/b   Selfreport on single question:

"Above you see a numbered ladder. Consider the top of the ladder as the best possible life and the bottom of the ladder as the worst possible life.
A Please place an X where you feel you are now.
B Place an Y at the point where you were five years ago.
C Please place a Z at the point that you feel you will be at five years from now.
[10] best possible life
[9]
[8]
[7]

[6]
[5]
[4]
[3]
[2]
[1]
[0] worst possible life

Question A is the case question.

Name: Cantril's selfanchoring ladder rating of life (modified version)

O-BW/cy/sq/l/9/a   Selfreport on single question:

"Here is a picture of a ladder. At the bottom of the ladder is the worst life you
might reasonably expect to have. At the top is the best life you might expect to
have. Of course, life from week to week falls somewhere in between. Where was
your life most of the time during the past year?"
[9] best life you might expect to have
[8]
[7]
[6]
[5]
[4]
[3]
[2]
[1] worst life you might expect to have

Name: Cantril's selfanchoring ladder rating (modified version)

O-DT/c/sq/v/7/aa   Selfreport on single question:

"How do you feel about your life as a whole right now.....?"
7 delightfull
6 very 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

O-DT/u/sqt/v/10/a

Name: Andrews & Withey's `Delighted-Terrible Scale' (original version)
Selfreport on single question asked twice in interview,

"How do you feel about your life as a whole......?"
10   delightfull
9
8
7
6
5
4
3
2
1   terrible

Summation: mean

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

Name: Andrews & Withey's `Delightfull-Terrible Scale' (modified version)
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

O-GBB/u/sq/c/9/a

Name: Andrews & Withey's "Delighted-Terrible Scale" (original version)
Selfreport on single question:

"Here are some circles that we can imagine represent the lives of different people.
Circle eight has all pluses in it, to represent a person who has all the good things
in his life. Circle zero has all minuses in it, to represent a person who has all the
bad things in his life. Other circles are in between. Which circle do you think
comes closest to matching your life?"
(circles not reproduced here)
8 + + + + + + + +
7 + + + + + + + -
6 + + + + + + - -
5 + + + + + - - -
4 + + + + - - - -
3 + + + - - - - -
2 + + - - - - - -
2 + - - - - - - -
0 - - - - - - - -

	Name: Andrews & Withey's 'Circles Scale'
O-H?/?/sq/?/0/a	Selfreport on single question:
	".......happiness....." (Full text not reported)
O-H?/?/sq/n/7/a	Selfreport on single question:

Lead item not reported.
Response options:
7 happy
6
5
4
3
2
1 unhappy
(Originally scored on a horizontal scale)

O-H?/c/sq/v/5/a   Selfreport on single question:

Lead item not reported
Response options:
1 unhappy
2 not very happy
3 fairly happy
4 happy
5 very happy

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/3/cb   Selfreport on single question:

"In general, how happy are you these days .....?"
3 very happy
2 pretty happy
1 not too happy

O-HL/c/sq/v/4/b   Selfreport on single question:

" Is your life at this moment ....?
4 very happy
3 fairly happy
2 fairly unhappy
1 very unhappy

In German:
"Ist Ihr Leben im Augenblick....?"

d sehr glücklich
c ziemlich glücklich
b ziemlich unglücklich
a sehr unglücklich

O-HL/c/sq/v/5/e   Selfreport on single question:

"How happy do you feel as you live now? Please choose one item on this card
that comes closest to your feeling.
5 very happy
4 fairly happy
3 neither happy nor unhappy
2 fairly unhappy
1 very unhappy

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 ullykklig
1 meget ullykkelig

O-HL/g/sq/v/3/c   Selfreport on single question:

"In general, how happy would you say you are.....?"
3 very happy
2 fairly happy
1 not too happy

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/3/c   Selfreport on single question:

"Would you say:......?"
1 You are unhappy?
2 You are reasonably happy?
3 You are happy ?

O-HL/u/sq/v/4/a   Selfreport on single question:

"Taking all things together, would you say you are.....?"
4 very happy
3 quite happy
2 not very happy
1 not at all happy.

O-HL/u/sq/v/7/a   Selfreport on single question:

"Considering your life as a whole, would you describe it as....:?"
1 very happy
2
| unhappy
3
4 an even mixture of unhappiness and happiness
5
| happy
6
7 very happy
no opinion

O-HL/u/sq/v/7/b   Selfreport on single question:

"How do you feel how happy you are.....?"
7 delighted
6 pleased
5 mostly satisfied
4 mixed (about equally satisfied and dissatisfied)
3 mostly
2 unhappy
1 terrible

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-QLS/c/sq/v/5/a   Selfreport on single question:

"When you take everything into consideration, your child, your adult life, etc, how

would you describe your current life situation.....?'
1 things are very bad right now
2
3
4
5 things are very good
(Response options not fully reported)

O-SLC/g/fi/v/7/b   Selfreport in focussed 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-SLL/g/sq/v/4/a   Selfreport on single question:

"In general, how satisfied are you with your way of life.......?"
4 quite satisfied
3 fairly satisfied
2 sometimes dissatisfied
1 usually dissatisfied

O-SLu/c/sq/l/11/a   Selfreport on single question :

"Some people seem to be quite happy and satisfied with their lives, while others seem quite unhappy and dissatisfied. Now look at this ladder (again). Suppose that a person who is entirely satisfied with his life would be at the top of the ladder and a person who is extremely dissatisfied with his life would be at the bottom of the ladder. Where would you put yourself on the ladder at the present stage of your life in terms of how satisfied or dissatisfied you are with your personal life?"
[10] entirely satisfied
[9]
[8]
[7]
[6]
[5]
[4]
[3]
[2]
[1]
[0] entirely dissatisfied

Name Cantril ladder rating (modified version)

O-SLu/c/sq/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-SLu/c/sq/v/5/a   Selfreport on single question:

                          "Overall, how satisfied are you with your present life.......?"
                          Please choose from this card that is closest to your feeling.
                          5 very satisfied
                          4 fairly satisfied
                          3 neither satisfied nor dissatisfied
                          2 fairly dissatisfied
                          1 very dissatisfied

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/c/sq/l/11/b   Selfreport on single question:

                          "How dissatisfied would you say you are with things in general today?'
                          Rated on ladder scale
                          [10] completely satisfied
                          [   ]
                          [   ]
                          [   ]
                          [   ]
                          [   ]
                          [   ]
                          [   ]
                          [   ]
                          [   ]
                          [0] completely dissatisfied

O-SLW/c/sq/n/10/aa   Selfreport on single question:

                          "All things considered, how satisfied are you with your life as-a-whole now.....?"
                          1   dissatisfied
                          2
                          3

                        4
                        5
                        6
                        7
                        8
                        9
                        10 satisfied

O-SLW/c/sq/n/11/b   Selfreport on single question;

                        "What do you think, how satisfied are you at this moment- all in all - with your life
                        ?' 'If for instance you are totally satisfied with your life, please mark a '10'.If you
                        are totally unsatisfied with your life, mark a '0'.If you are not completely
                        unstatisfied nor totally satisfied range yourself somewhere between '1' and '9''

                        10   completely satisfied
                        9
                        8
                        7
                        6
                        5
                        4
                        3
                        2
                        1
                        0 completely dissatisfied

                        Originall text in German:
                        "Was meinen Sie, wie zufrieden sind Sie gegenwärtig - alles in allem - heute mit
                        Ihrem Leben ? Wenn Sie zum Beispiel mit Ihrem Leben heute ganz und gar
                        zufrieden sind, geben Sie bitte die '10' an.Wenn Sie mit Ihrem Leben heute ganz
                        und gar unzufrieden sind, geben Sie '0' an.Wenn Sie weder ganz und gar
                        zufrieden noch ganz und gar unzufrieden sind, dann ordnen Sie sich irgendwo
                        zwischen '1'und '9' ein."

O-SLW/c/sq/v/5/d   Selfreport on single question:

                        "Taking everything into consideration, how satisfied are you with life in general at
                        the present time? Would you say you are.....?"
                        5   extremely satisfied
                        4   very satisfied
                        3   fairly satisfied
                        2   slightly satisfied
                        1   not satisfied"

O-SLW/c/sqt/v/7/a   Selfreport on single question, asked twice during the interview:

                        "Are you at this moment satisfied or dissatisfied with life in general......?"
                        7   very satisfied
                        6   for the greater part satisfied
                        5   rather more satisfied than dissatisfied
                        4   neither satisfied nor dissatisfied
                        3   somewhat more dissatisfied than satisfied
                        2   for the greater part dissatisfied

1   very dissatisfied
-    Do not know, difficult to say

In Swedish:
" Ar du pa det hela taget nojd eller missnojd met livet i des helnet just nu?"

O-SLW/u/sq/f/7/a   Selfreport on single question:

"Which face comes closest to expressing how you feel about your life as a whole?"

Rated on pictorial scale, consisting of seven faces varying from smiles to frowns.
7 smiling cheerful face
6
5
4 neutral face
3
2
1 frowning depressed face
(Pictures not reproduced here)

O-SLW/u/sq/l/7/a   Selfreport on single question:

"How do you feel about your life as a whole?"
Rated on a seven step quality of life ladder was marked with a smiling face and
marked "GOOD'. The bottom marked with a frowning face and the word 'BAD'
[7] Good, picture of smiling face
[6]
[5]
[4]
[3]
[2]
[1] Bad, picture of frowning face
(Pictures not reproduced here)

O-SLW/u/sq/n/5/b   Selfreport on single question:

"Taking all together, how satisfied are you with your life as a whole.....?"
5 very satisfied
4
3
2
1 not at all satisfied

Numbers presented in reversed order (very satisfied '1', not t all satisfied '5')

In German:
"Wiezufrieden sind Sie, alles im allem gesehen, mit Iherm Leben insgesamt....?"
5 sehr zufrieden
2
3
2
1 gar nicht zufrieden

O-SLW/u/sq/v/6/a   Selfreport on single question:

"How satisfying are these different aspects of your life? Indicate the number which best suits your situation. Life as a whole is....."
1 very dissatisfying
2 dissatisfying
3 rather dissatisfying
4 rather satisfying
5 satisfying
6 very satisfying

This item was followed by eight questions on life domain satisfactions.

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

O-Sum/u/mq/*/0/a   Selfreport on 3 questions:

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

B. Overall happiness. Single direct question: "Taking all things together, how would you say things are these days? Would you say you are ....?"
3 very happy
2 pretty happy
1 not too happy

C. Present-year score on Life-Evaluation Chart, ranging from:
1 low
2
3
4
5
6
7

8
9 high

On the web you will find an overview of valid queries on happiness and an explanation of the classification used. Go to: www.eur.nl/fsw/research/happiness/hap_quer/hqi_fp.htm. This is the introductary text to the Catalog of Happiness Queries.

Appendix 2 Statistics used in reported studies

Symbol	Explanation
AoV	**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 Ne -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. 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)
Beta	**(ß) STANDARDIZED REGRESSION COEFFICIENT** Type: test statistic. Measurement level: Correlates: all metric, Happinessl: metric. Range: [-1 ; +1] 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.
Chi²	**CHI-SQUARE** Type: test statistic Range: [0; Ne*(min(c,r)-1)], where c and r are the number of columns and rows respectively in a cross tabulation of Ne sample elements. Meaning: Chi² <= (c-1) * (r-1) means: no association Chi² >> (c-1) * (r-1) means: strong association
D%	**DIFFERENCE in PERCENTAGES** Type: descriptive statistic only. Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous Range: [-100; +100] Meaning: the difference of the percentages happy people at two correlate levels.
DM	**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.

Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.

DMa   DIFFERENCE IN ADJUSTED MEANS, See also Ma
Computed in Analysis of Covariance (ANCOVA) or in multiple classification analysis (MCA)
Seldom used in happiness research. See excerpted report for further reference.

DMr   DIFFERENCE IN MEAN RIDITS
Type: test statistic
Measurement level: Happiness ordinal
Range: [0; +1]

Meaning:
Mr < .50: average happiness in this subgroup lower than in the larger population
Mr = .50: average happiness in this subgroup the same as in the larger population
Mr > .50: average happiness in this subgroup higher than in the larger population

'Ridit analysis' compares the distribution of happiness scores in subgroups to its distribution in the entire sample ("Relative to an Identified Distribution")

Testing for significance can be performed through a "BROSS Confidence Interval" (BCI). If all values the BCI for a subgroup are above/below 0.500, the subgroup is significantly more/less happy than the larger population.

DMt   DIFFERENCE of MEANS AFTER TRANSFORMATION
Type: descriptive statistic only.
Measurement level: Correlate: dichotomous, Happiness: metric
Theoretical range: [-10; +10]

Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.

E²   CORRELATION RATIO (Elsewhere sometimes called h² or ETA)
Type: test statistic
Measurement level: Correlate: nominal or ordinal, Happiness: metric
Range: [0; 1]

Meaning: correlate is accountable for E^2 x 100 % of the variation in happiness.
$E^2 = 0$ «   knowledge of the correlate value does not improve the prediction quality of the happiness rating.
$E^2 = 1$ «   knowledge of the correlate value enables an exact prediction of the happiness rating

G   GOODMAN & Kruskal's GAMMA
Type: test statistic
Measurement level: Correlate: ordinal, Happinessl: ordinal
Range: [-1; +1]

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.

mr   Mean correlation coefficient (r).
            For r, see PRODUCT-MOMENT CORRELATION

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

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

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

            Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores.
            Under that conditions
            rpc > 0 « a higher correlate level corresponds with a higher happiness rating,
            rpc < 0 « a higher correlate level corresponds with a lower happiness rating,

rs   SPEARMAN'S RANK CORRELATION COEFFICIENT
            Type: test statistic
            Measurement level: Correlate: ordinal, Happiness: ordinal.
            Range: [-1; +1]

            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

SNR   Statistic Not Reported

ßL   PATH COEFFICIENT OBTAINED IN A LISREL MODEL.
            Range: unlimited, but seldom exceeds [-1, +1].

            In the Catalogue of Correlational Findings, this statistic or statistical procedure occurs very rarely only.
            The reader is referred to the excerpted publication for detailed information or for further reference.

tb   KENDALL'S RANK CORRELATION COEFFICIENT TAU-B
            Type: test statistic

Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:
tb = 0 « no rank correlation
tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.
tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

tc   KENDALL'S TAU-C (Also referred to as Stuart's tau-c)
            Type: test statistic
            Measurement level: Correlate: ordinal, Happiness: ordinal
            Range: [-1; +1]

            Meaning:
            tc = 0 « no rank correlation
            tc = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.
            tc = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

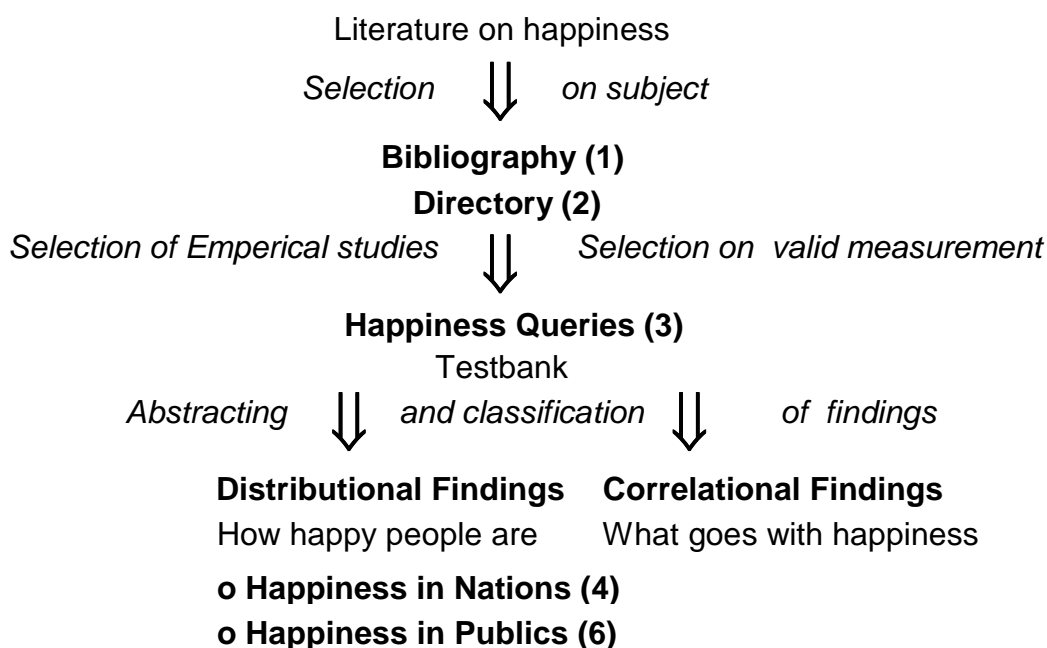W   WILCOXON's SIGNED RANK TEST.
            Type: test statistic
            Seldom used in happiness research. See excerpted report for further reference.

On the web you will find a text explaining the statistics used in more detail. Go to:
www.eur.nl/fsw/research/happiness/hap_cor/cor_fp.htm. This is the introductory text to the Catalog of Correlational Findings. An overview of all statistics is in chapter 4.

Appendix 3: About the World Database of Happiness

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

Literature on happiness

Selection ⇓ *on subject*

Bibliography (1)

Directory (2)

Selection of Emperical studies ⇓ *Selection on valid measurement*

Happiness Queries (3)

Testbank

Abstracting ⇓ *and classification* ⇓ *of findings*

Distributional Findings   **Correlational Findings**

How happy people are   What goes with happiness

o Happiness in Nations (4)

o Happiness in Publics (6)

1   BIBLIOGRAPHY OF HAPPINESS Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 3422 titles, mainly in English.

2   DIRECTORY OF INVESTIGATORS Names and addresses of most authors on the subject. Enumerates years of publication. Current contents: 5818 names and 3073 addresses. Part of Bibliography.

3   CATALOG OF HAPPINESS QUERIES (testbank) Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Queries are classified by focus, time reference, mode of observation, rating and wording.

4   CATALOG OF HAPPINESS IN NATIONS Presents distributional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 1889 surveys in 112 nations, 1946-2000.

5   CATALOG OF HAPPINESS IN PUBLICS Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.

6   CATALOG OF CORRELATIONAL FINDINGS Presents abstracts of correlational research findings. Detailed subject-classification. Allows comparison through time and across nations. Current contents: 7476 findings from 705 studies in 140 nations, 1911-2000.

Appendix 4   Further Findings in the World Database of Happiness

Main Category's	Category Name	Number of Studies in this Category
A 1	ACTIVITY LEVEL (how much one does)	53
A 2	ACTIVITY PATTERN (what one does)	7
A 3	AFFECTIVE LIFE	31
A 4	AGE	279
A 5	AGGRESSION	11
A 6	ANOMY	30
A 7	APPEARANCE (good looks)	8
A 8	ATTITUDES	4
A 9	AUTHORITARIANISM	4
B 3	BODY	66
C 1	CHILDREN 1:	4
C 10	CREATIVENESS	6
C 11	CULTURE (Arts and Sciences)	6
C 2	CHILDREN: WANT FOR (Parental aspirations)	6
C 3	CHILDREN: HAVING (parental status)	145
C 4	CHILDREN's CHARACTERISTICS	19
C 5	CHILDREN: RELATION WITH	8
C 6	CHILDREN: REARING (parental behavior)	11
C 7	COMMUNAL LIVING	1
C 8	CONCERNS	15
C 9	COPING	27
D 1	DAILY JOYS & HASSLES	4
E 1	EDUCATION	243
E 2	EMPLOYMENT	180
E 3	ETHNICITY	63
E 4	EXPRESSIVE BEHAVIOR	10
F 1	FAMILY OF ORIGIN (earlier family for adults, current for young)	195
F 2	FAMILY OF PROCREATION	42
F 3	FAMILY OF RELATIVES	145
F 4	FARMING	30
F 5	FREEDOM	24
F 6	FRIENDSHIP	123
G 1	GENDER	252
G 2	GRIEF	1
H 10	HOPE	3
H 11	HOUSEHOLD: COMPOSITION	90
H 12	HOUSEHOLD: WORK	10
H 13	HOUSING	75
H 2	HANDICAP	13

O 2	ORGAN TRANSPLANTATION	11
P 1	PERSONALITY: HISTORY	44
P 10	POSSESSIONS	26
P 12	PROBLEMS	20
P 13	PSYCHO-SOMATIC COMPLAINTS	53
P 2	PERSONALITY: CHANGE	7
P 3	PERSONALITY: CURRENT ORGANIZATION	7
P 4	PERSONALITY: CURRENT TRAITS	392
P 5	PERSONALITY: LATER	23
P 6	PHYSICAL HEALTH	286
P 7	PLANNING	7
P 8	POLITICS	197
P 9	POPULARITY	22
R 1	RELIGION	198
R 2	RESOURCES	8
R 3	RETIREMENT	46
R 4	ROLES	13
S 1	SCHOOL	92
S 10	SOCIAL SUPPORT: RECEIVED	26
S 11	SOCIAL SUPPORT: Provided	3
S 12	SPORTS	32
S 13	STIMULANTS	33
S 14	SUICIDE	4
S 15	SUMMED EFFECTS ON HAPPINESS	71
S 2	SELF-IMAGE	193
S 3	SEX-LIFE	54
S 4	SLEEP	10
S 5	SOCIAL MOBILITY	16
S 6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	50
S 7	SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS	111
S 8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	25
S 9	SOCIAL STATUS (Socio-Economic Status)	140
T 1	TIME	27
T 2	THERAPY	9
T 3	TOLERANCE	37
V 1	VALUE CAREER	8
V 2	VALUES: CURRENT PREFERENCES (own)	49
V 3	VALUES: CLIMATE (current values in environment)	4
V 4	VALUES: SIMILARITY (current fit with others)	5
V 5	VICTIM	11
W 1	WAR	5
W 2	WORK CAREER	1
W 3	WORK CONDITIONS	34
W 4	WORK-ATTITUDES	313

W 5	WORK-PERFORMANCE (current)	6
W 6	WORRIES	27
X	UNCLASSIFIED	22

Appendix 5   Related Topics

This Topic		**Related Topics**	
Classification Page 1		*In Subject List on Appendix 4*	
H 5	HAPPINESS CAREER	L 8	LIFE HISTORY
H 5.1	Perceived happiness career		
H 5.1.1	Retrospective level of happiness (period unspecified)		
H 5.1.1.1	. in recent past		
H 5.1.1.2	. in specific periods in the past		
H 5.1.1.3	. happiest period in life		
H 5.1.1.4	. extremes of happiness experienced		TOP-EXPERIENCE
		A 3.2.3	Intensity of affects
H 5.1.2	Retrospective changes in happiness (unspecified)		LIFE-APPRAISALS (overview of aspects)
H 5.1.2.1	. recent change	T 2	THERAPY
H 5.1.2.2	. long term change		
H 5.1.2.3	. perceived stability of feelings about life	H 5.2	Actual happiness-career (assessed in follow-up)
H 5.1.3	Expected level of happiness (period unspecified)		
H 5.1.3.1	. in the near future (up to 5 years)		
H 5.1.3.2	. in the long run		
H 5.1.3.3	. in specific phases in the future		
H 5.1.4	Expected change in happiness (period unspecified)		
H 5.1.4.1	. in the near future (up to 5 years)		
H 5.1.4.2	. in the long run		
H 5.1.4.3	. in specific phases of life		
H 5.2	Actual happiness-career (assessed in follow-up)		
H 5.2.1	Actual level of earlier/later happiness3	A 4.1	Age career
H 5.2.1.1	. recent happiness (< 1 year ago)		
H 5.2.1.2	. past happiness (1 to 10 years ago)		
H 5.2.1.3	. long term happiness (< 10 years ago)		
H 5.2.2	Actual changes in happiness	L 5	LIFE-CHANGE
H 5.2.2.1	. change over life time		

H 5.3   Attitudes to happiness career

End of Report