



Findings on Happiness & PERSONALITY: LATER

Correlate Code: P 5

Classification of Findings		Number of Studies on this Subject
Correlate Code	Correlate Name	
P 5	PERSONALITY: LATER	4
P 5.1	Later personality organization	0
P 5.2	Later personality traits	1
P 5.2.14	Later cleverness	1
P 5.2.40	Later fail-anxiousness	1
P 5.2.58	Later locus of control	2
P 5.2.64	Later kindness	2
P 5.2.76	Later openness	2
P 5.2.96	Later need for self-actualisation	4
P 5.2.100	Later self-confidence	1
P 5.2.101	Later self-disclosure	0
P 5.2.111	Later tenseness	1
P 5.2.113	Later tolerance	1
P 5.2.115	Later trust	1
P 5.3	Later personality development	2

Appendix 1:	Happiness queries used
Appendix 2:	Statistics used
Appendix 3:	About the World Database of Happiness
Appendix 4:	Further Findings in the World Database of Happiness
Appendix 5:	Related Topics

Cite as:	Veenhoven, R.: Findings on Happiness & PERSONALITY: LATER World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness Erasmus University Rotterdam, 2003, Netherlands
----------	---

Study	SCHAE 1963/1	Page in Report:	98/103
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: PERSONALITY: LATER Code: P 5

Measurement: Repeated expert ratings on the basis of observation of expressive behavior in test-situations on bi-polar 7-point scales.
Rated 14 times between 27-96 months of age. Ratings combined: 27 + 30 / 33 + 36 / 42 + 48 / 54 + 60 / 60 + 72 / 78 + 84 / 90 + 96.

1. Friendliness

3-item index:

 - initial response to situation (negative - friendly)
 - secondary response to situation (negative - friendly)
 - attitude towards task (unwilling - eager)

2. Cooperativeness

2-item index:

 - variability in cooperation (variable - consistent)
 - attention to instructions (inattentive - alert)

3. Attentiveness
 3-item index:
 - external distraction (distractable - single-minded)
 - association (frightly - controlled)
 - maintenance of effort (easily discouraged - persistent)

4. Facilitability
 3-item index:
 - comprehension of task (slow - swift)
 - verbal responses (vague - definite)
 - method of performance (random - systematic)

Measured Values:

Error Estimates:

Remarks: Happiness (hedonic level) was rated 12 times between 10-36 months of age. Ratings combined: months 10 + 11 + 12 / 13 + 14 + 15 / 18 + 21 + 24 / 27 + 30 + 36.

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

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/mi/tsb/n/7/a	mr=+.20	Boys 27-30 +.48(ns) +.35(ns) +.27(ns) +.48(ns) 33-36 +.39(ns) +.36(ns) +.27(ns) +.30(ns) 42-48 +.06(ns) +.10(ns) +.10(ns) +.10(ns) 54-60 +.23(ns) +.21(ns) +.12(ns) +.12(ns) 66-72 +.26(ns) +.30(ns) +.26(ns) +.26(ns) 78-84 +.02(ns) +.07(ns) +.14(ns) +.15(ns) 90-96 -.12(ns) -.07(ns) +.05(ns) -.15(ns)

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

mr=+.07	Gi rl s	27-30	+. 16(ns)	+. 52(05)	+. 75(05)	+. 72(05)
		33-36	+. 05(ns)	+. 33(ns)	+. 53(05)	+. 66(05)
		42-48	-. 10(ns)	+. 15(ns)	+. 19(ns)	+. 18(ns)
		54-60	-. 17(ns)	+. 04(ns)	+. 22(ns)	+. 29(ns)
		66-72	-. 50(05)	-. 16(ns)	+. 15(ns)	+. 08(ns)
		78-84	-. 47(05)	-. 27(ns)	-. 10(ns)	-. 20(ns)
		90-96	-. 39(ns)	-. 19(ns)	-. 22(ns)	-. 13(ns)
mr=+.11	Boys	27-30	+. 20(ns)	+. 00(ns)	+. 13(ns)	+. 23(ns)
		33-36	+. 22(ns)	+. 04(ns)	+. 27(ns)	+. 25(ns)
		42-48	+. 06(ns)	+. 05(ns)	-. 02(ns)	-. 04(ns)
		54-60	+. 08(ns)	+. 18(ns)	+. 08(ns)	+. 22(ns)
		66-72	-. 01(ns)	+. 18(ns)	+. 20(ns)	+. 17(ns)
		78-84	+. 15(ns)	+. 19(ns)	+. 18(ns)	+. 23(ns)
		90-96	-. 11(ns)	+. 09(ns)	+. 00(ns)	-. 08(ns)
mr=-.02	Gi rl s	27-30	-. 02(ns)	+. 21(ns)	+. 35(ns)	+. 16(ns)
		33-36	-. 22(ns)	+. 09(ns)	+. 34(ns)	+. 28(ns)
		42-48	-. 14(ns)	+. 12(ns)	+. 22(ns)	+. 08(ns)
		54-60	-. 25(ns)	-. 11(ns)	+. 08(ns)	+. 01(ns)
		66-72	-. 32(ns)	-. 18(ns)	+. 12(ns)	+. 06(ns)
		78-84	-. 52(05)	-. 29(ns)	-. 08(ns)	-. 16(ns)
		90-96	-. 20(ns)	-. 15(ns)	-. 18(ns)	+. 06(ns)
mr=+.16	Boys	27-30	+. 10(ns)	-. 12(ns)	+. 20(ns)	+. 26(ns)
		33-36	+. 28(ns)	-. 05(ns)	+. 29(ns)	+. 16(ns)
		42-48	+. 14(ns)	-. 01(ns)	+. 14(ns)	+. 12(ns)
		54-60	+. 18(ns)	+. 18(ns)	+. 25(ns)	+. 34(ns)
		66-72	+. 05(ns)	+. 20(ns)	+. 32(ns)	+. 36(ns)
		78-84	+. 01(ns)	+. 10(ns)	+. 20(ns)	+. 29(ns)
		90-96	-. 02(ns)	+. 13(ns)	+. 15(ns)	+. 23(ns)
mr=-.04	Gi rl s	27-30	-. 56(05)	-. 34(ns)	-. 10(ns)	-. 15(ns)
		33-36	-. 23(ns)	-. 03(ns)	+. 19(ns)	+. 28(ns)
		42-48	-. 05(ns)	+. 13(ns)	+. 21(ns)	+. 15(ns)
		54-60	-. 01(ns)	+. 00(ns)	+. 10(ns)	+. 04(ns)
		66-72	-. 27(ns)	-. 16(ns)	+. 07(ns)	+. 10(ns)
		78-84	-. 34(ns)	-. 14(ns)	+. 02(ns)	-. 10(ns)
		90-96	-. 24(ns)	-. 14(ns)	-. 14(ns)	-. 01(ns)
mr=+.29	Boys	27-30	+. 10(ns)	+. 12(ns)	+. 24(ns)	+. 45(05)
		33-36	+. 12(ns)	+. 15(ns)	+. 36(ns)	+. 53(05)
		42-48	-. 07(ns)	-. 04(ns)	+. 18(ns)	+. 46(05)
		54-60	+. 23(ns)	+. 23(ns)	+. 50(05)	+. 62(05)
		66-72	+. 19(ns)	+. 27(ns)	+. 50(05)	+. 62(05)
		78-84	+. 05(ns)	+. 13(ns)	+. 35(ns)	+. 55(05)
		90-96	+. 08(ns)	+. 19(ns)	+. 39(ns)	+. 57(05)

mr=+.04	Gi rl s	27-30	-. 22(ns)	+. 04(ns)	+. 19(ns)	+. 18(ns)
		33-36	-. 18(ns)	+. 03(ns)	+. 22(ns)	+. 25(ns)
		42-48	-. 11(ns)	+. 20(ns)	+. 33(ns)	+. 45(.05)
		54-60	-. 12(ns)	+. 02(ns)	+. 14(ns)	+. 24(ns)
		66-72	-. 18(ns)	-. 05(ns)	+. 12(ns)	+. 30(ns)
		78-84	-. 22(ns)	-. 14(ns)	-. 05(ns)	-. 01(ns)
		90-96	-. 12(ns)	-. 07(ns)	-. 16(ns)	-. 01(ns)

Study	SCHAE 1963/1	<i>Page in Report:</i>	99-104
<i>Reported in:</i>	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 .		
<i>Population:</i>	Children followed from age 0 to 18, Berkeley, California, USA, 1929-47		
<i>Sample:</i>			
<i>Non-Response:</i>	13% drop-outs (7 children and their mothers)		
<i>N:</i>	54: see under remarks		

Measured Correlate

Class: PERSONALITY: LATER Code: P 5

Measurement: Repeated expert rating on the basis of observation of expressive
behavior in test situations on bi-polar 7-point scales.
Assessed ± 9 years after rating of baby-happiness. Each child
rated 6 times between age 9-12.
Ratings combined: 9 + 9½ + 10 / 10½ + 11 + 12.

1. Not shy
Shy - at ease
2. Friendly attitude towards examiner
Unfriendly - friendly
3. Cooperation
Unwilling - willing
4. Attitude towards task (interested)
Bored - interested
5. Exerts efforts
Poor - excellent

6. Attention to instructions
Inattentive - attentive
7. Not distractable
Distractable - intent on task
8. Systematic method of performance
Random - systematic
9. Rapid execution of tasks
Slow - rapid
10. Swift comprehension of tasks
Slow - swift
11. Estimated validity of test
Low - high
12. Activity control
Overactive - underactive.

Measured Values:

Error Estimates:

Remarks: Happiness (hedonic level) was rated 12 times between 10-36 months of age.
Ratings combined: months $10 + 11 + 12 / 13 + 14 + 15 / 18 + 21 + 24 / 27 + 30 + 36$.

Months	Months	Months	Months
10-12	13-15	18-24	27-39

Observed Relation with Happiness

Happiness Query	Statistics	Remarks				
A-CP/mi/tsb/n/7/a	mr=+.01	Boys	9 -10	-. 00(ns)	-. 06(ns)	+. 08(ns)
	mr=-.03		10½-12	-. 15(ns)	-. 02(ns)	+. 06(ns)
	mr=-.12	Girls	9 -10	-. 04(ns)	-. 30(ns)	+. 28(ns)
	mr=+.13		10½-12	+. 03(ns)	+. 09(ns)	+. 26(ns)
	mr=-.02	Boys	9 -10	+. 03(ns)	Month 10 10-12	Month 12 13-15
	mr=+.15		10½-12	+. 06(ns)	Month 13 18-24	Month 15 27-39
	mr=-.26	Girls	9 -10	-. 22(ns)	-. 33(ns)	-. 34(ns)
	mr=+.12		10½-12	+. 11(ns)	+. 16(ns)	+. 14(ns)
	mr=+.04	Boys	9 -10	+. 05(ns)	+. 04(ns)	+. 07(ns)
	mr=+.17		10½-12	+. 12(ns)	+. 29(ns)	+. 20(ns)
	mr=-.11	Girls	9 -10	-. 24(ns)	-. 12(ns)	-. 14(ns)
	mr=+.33		10½-12	+. 43(ns)	+. 40(ns)	+. 13(ns)
	mr=+.09	Boys	9 -10	+. 15(ns)	+. 09(ns)	+. 06(ns)
	mr=+.28		10½-12	+. 13(ns)	+. 29(ns)	+. 43(05)
	mr=-.11	Girls	9 -10	-. 26(ns)	-. 16(ns)	-. 09(ns)
	mr=+.43		10½-12	+. 39(ns)	+. 56(05)	+. 31(ns)
	mr=+.07	Boys	9 -10	+. 08(ns)	+. 09(ns)	+. 06(ns)
	mr=+.19		10½-12	+. 05(ns)	+. 24(ns)	+. 29(ns)
	mr=-.05	Girls	9 -10	-. 32(ns)	-. 05(ns)	+. 04(ns)
	mr=+.20		10½-12	+. 18(ns)	+. 33(ns)	+. 09(ns)
	mr=+.07	Boys	9 -10	+. 06(ns)	+. 11(ns)	-. 01(ns)
	mr=+.15		10½-12	-. 01(ns)	+. 11(ns)	+. 16(ns)
	mr=-.05	Girls	9 -10	-. 09(ns)	+. 01(ns)	-. 10(ns)
	mr=+.29		10½-12	+. 24(ns)	+. 42(ns)	+. 16(ns)
	mr=+.13	Boys	9 -10	+. 12(ns)	+. 12(ns)	+. 09(ns)
	mr=+.20		10½-12	+. 12(ns)	+. 16(ns)	+. 22(ns)
						+. 30(ns)

mr=-.02	Gi rl s	9 -10	-. 15(ns)	+. 01(ns)	-. 02(ns)	+. 07(ns)
mr=+.26		10½-12	+. 22(ns)	+. 39(ns)	+. 12(ns)	+. 32(ns)
mr=+.16	Boys	9 -10	+. 04(ns)	+. 08(ns)	+. 22(ns)	+. 30(ns)
mr=+.30		10½-12	+. 15(ns)	+. 27(ns)	+. 37(ns)	+. 41(ns)
mr=+.02	Gi rl s	9 -10	-. 11(ns)	-. 01(ns)	-. 01(ns)	+. 19(ns)
mr=+.22		10½-12	+. 10(ns)	+. 33(ns)	+. 21(ns)	+. 24(ns)
mr=+.01	Boys	9 -10	-. 12(ns)	+. 03(ns)	+. 00(ns)	+. 14(ns)
mr=+.19		10½-12	+. 08(ns)	+. 12(ns)	+. 19(ns)	+. 35(ns)
mr=-.32	Gi rl s	9 -10	-. 12(ns)	-. 44(05)	-. 43(ns)	-. 29(ns)
mr=+.07		10½-12	+. 04(ns)	+. 10(ns)	+. 08(ns)	+. 05(ns)
mr=+.23	Boys	9 -10	+. 12(ns)	+. 07(ns)	+. 26(ns)	+. 46(05)
mr=+.28		10½-12	+. 14(ns)	+. 19(ns)	+. 38(ns)	+. 42(ns)
mr=-.21	Gi rl s	9 -10	-. 22(ns)	-. 31(ns)	-. 29(ns)	-. 02(ns)
mr=+.26		10½-12	+. 21(ns)	+. 31(ns)	+. 25(ns)	+. 26(ns)
mr=+.17	Boys	9 -10	+. 27(ns)	+. 17(ns)	+. 13(ns)	+. 09(ns)
mr=+.21		10½-12	+. 10(ns)	+. 26(ns)	+. 33(ns)	+. 14(ns)
mr=+.22	Gi rl s	9 -10	+. 11(ns)	+. 12(ns)	+. 19(ns)	+. 44(05)
mr=+.27		10½-12	+. 36(ns)	+. 27(ns)	+. 14(ns)	+. 30(ns)
mr=+.35	Boys	9 -10	+. 36(ns)	+. 38(ns)	+. 41(ns)	+. 26(ns)
mr=-.27	Gi rl s	9-10	-. 10(ns)	-. 25(ns)	-. 46(05)	-. 27(ns)

Study	SCHAE 1963/1	Page in Report:	100
<i>Reported in:</i>	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.		
<i>Population:</i>	Children followed from age 0 to 18, Berkeley, California, USA, 1929-47		
<i>Sample:</i>			
<i>Non-Response:</i>	13% drop-outs (7 children and their mothers)		
<i>N:</i>	54: see under remarks		

Measured Correlate

Class: PERSONALITY: LATER Code: P 5

Measurement: Ratings by two judges on the basis of notes from observations in test situations at different ages.
Ratings were made by means of 96 adjective scales (7-point), which were clustered afterwards.

1. Timid, compliant, inhibited, lacks confidence.
2. Courteous, conscientious, dependable, respectful, conservative.
3. Tactful, calm, contented, appreciative, considerate, patient, refined in taste.
4. Friendly, cheerful
5. Social in situation, natural
6. Independent, talkative, assertive, takes initiative, outgoing.
7. Bold, boastful, excitable, impulsive, pleasure-loving, distractible, uninhibited, show-off.
8. Irritable, domineering, pugnacious, noisy, demanding, not dependable.
9. Rude, critical, opinionated, complaisant, defiant.

- 10. Hostile, destructive
- 11. Cold, suspicious, unfriendly
- 12. Reserved, uncommunicative.

Measured Values:

Error Estimates:

Remarks: Happiness (hedonic level) was rated on 12 times between months 10-36 of age. Ratings combined: months 10 + 11 + 12 / 13 + 14 + 15 / 18 + 21 + 24 / 27 + 30 + 36.

Boys only (n = 21)

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

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/mi/tsb/n/7/a	mr=-.21	-. 15(ns) -. 16(ns) -. 30(ns) -. 24(ns) Happiness (hedonic level) was rated on 12 times between months 10-36 of age.
	mr=+.01	+. 12(ns) -. 11(ns) +. 04(ns) +. 02(ns) +. 13 +. 14 + 15 / 18 + 21 + 24 / 27 + 30 + 36.
	mr=+.05	Boys only (n = 21) +. 14(ns) -. 08(ns) +. 12(ns) +. 02(ns) Months Months Months Month 10-12 13-15 18-24 27-36
	mr=+.15	+. 16(ns) +. 10(ns) +. 27(ns) +. 06(ns)
	mr=+.17	+. 16(ns) +. 11(ns) +. 34(ns) +. 05(ns)
	mr=+.28	+. 27(ns) +. 26(ns) +. 36(ns) +. 22(ns)
	mr=+.10	+. 00(ns) +. 13(ns) +. 17(ns) +. 09(ns)
	mr=-.01	-. 11(ns) +. 02(ns) +. 05(ns) +. 01(ns)
	mr=+.13	+. 03(ns) +. 08(ns) +. 16(ns) +. 26(ns)

mr=-.01	-. 12(ns) +. 07(ns) -. 07(ns) +. 09(ns)
mr=-.03	-. 18(ns) +. 05(ns) -. 18(ns) +. 17(ns)
mr=-.07	-. 14(ns) +. 02(ns) -. 18(ns) +. 02(ns)

Study	SCHAE 1963/1	<i>Page in Report:</i>	105
<i>Reported in:</i>	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 .		
<i>Population:</i>	Children followed from age 0 to 18, Berkeley, California, USA, 1929-47		
<i>Sample:</i>			
<i>Non-Response:</i>	13% drop-outs (7 children and their mothers)		
<i>N:</i>	54: see under remarks		

Measured Correlate

Class: PERSONALITY: LATER Code: P 5

Measurement: Ratings by two judges on the basis of notes from observations in test situations at different ages.
Ratings were made on 96 adjective scales (7-point) which were clustered afterwards.

1. Timid, self-conscious, sensitive,
lacks confidence, shy, easily hurt,
inhibited, serious, humorless,
rigid, precise.
2. Courteous, respectful, conservative,
compliant, tactful, cooperative,
patient, considerate.
3. Conscientious, dependable, persevering.
4. Friendly, talkative, not unfriendly.
5. Social in situation, interested in
people, natural, straight-forward.
6. Independent, assertive, outgoing,
leader, resourceful, takes initiative,
independent at home.
7. Bold, boastful, impulsive, uninhibited,
show-off, pleasure-loving,
opinionated.
8. Irritable, disrespectful, domineering.

ing, pugnacious, noisy, demanding, tactless not dependable, excitable, distractible.

9. Defiant, rude, sarcastic, critical.
10. Hostile, resentful.
11. Sulky, bitter.
12. Discontented, unhappy, dissatisfied, complaisant.
13. Gloomy, not cheerful.
14. Reserved, cold, aloof, uncommunicative.
15. Popular, belongs to groups.
16. Calm, not nervous.

Measured Values:

Error Estimates:

Remarks: Happiness (hedonic level) was rated 12 times between months 10-36 of age. Ratings combined: months $10 + 11 + 12 / 13 + 14 + 15 / 18 + 21 + 24 / 27 + 30 + 36$.

Girls only (n = 19)

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

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/mi/tsb/n/7/a	mr=+.07	+.24(ns) +.29(ns) -.05(ns) -.18(ns) Happiness (hedonic level) was rated 12 times between months 10-36 of age. Ratings combined: months $10 + 11 + 12 / 13 + 14 + 15 / 18 + 21 + 24 / 27 + 30 + 36$.
	mr=+.03	+.23(ns) +.12(ns) -.15(ns) -.06(ns) Girls only (n = 19)
	mr=+.16	Months Months Months Months 10-12 13-15 18-24 27-36 +.34(ns) +.22(ns) +.02(ns) +.04(ns)
	mr=-.04	-.10(ns) -.07(ns) +.04(ns) -.02(ns)

mr=-.12	-. 24(ns) -. 18(ns) -. 04(ns) -. 01(ns)
mr=-.01	-. 29(ns) -. 17(ns) +. 22(ns) +. 20(ns)
mr=-.15	-. 34(ns) -. 24(ns) +. 03(ns) -. 06(ns)
mr=-.04	-. 14(ns) -. 10(ns) +. 08(ns) -. 02(ns)
mr=-.09	-. 02(ns) +. 06(ns) +. 24(ns) +. 06(ns)
mr= 0	+. 03(ns) -. 02(ns) +. 04(ns) -. 06(ns)
mr=+.07	-. 01(ns) +. 00(ns) +. 18(ns) +. 09(ns)
mr=+.03	+. 09(ns) +. 07(ns) +. 02(ns) -. 07(ns)
mr=+.11	+. 14(ns) +. 21(ns) +. 19(ns) -. 09(ns)
mr=+.14	+. 15(ns) +. 16(ns) +. 12(ns) +. 12(ns)
mr=+.06	-. 06(ns) -. 11(ns) +. 09(ns) +. 32(ns)
mr=-.11	-. 10(ns) -. 22(ns) -. 24(ns) +. 10(ns)

Study	MOUM 1988	Page in Report:	133
<i>Reported in:</i>	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		
<i>Population:</i>	Adult, general public, county, followed 2 years, Norway, 1984-86		
<i>Sample:</i>			
<i>Non-Response:</i>	20%		
<i>N:</i>	622		

Measured Correlate

Class: Later personality traits Code: P 5.2

Measurement: Joint effects of:

- 1 Optimism
- 2 Pessimism
- 3 Resignation
- 4 Yea-saying

All variables were obtained by an index of closed questions at T3.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLu/c/sq/n/7/a	$R^2=.08$	T1 happiness by T3 1+2+3 females: young .01 old .14 males young .08 old .08
	$R^2=.09$	T3 happiness by T3 1+2+3 females: young .16 old .05 males young .09 old .10
	$R^2=.09$	T1 happiness by T3 1+2+3+4 females: young .02 old .20 males young .07 old .12
	$R^2=.10$	T3 happiness by T3 1+2+3+4 females: young .24 old .02 males young .10 old .09

Study	MUSSE 1980/1	Page in Report:	342
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, followed from age 30 to 70, Berkeley USA, 1928-68		
Sample:			
Non-Response:			
N:	53		

Measured Correlate

Class:	Later cleverness Code: P 5.2.14
Measurement:	Personality factor that appears in an analysis of ratings by two interviewers on 71 personality-social characteristics. This factor appeared in young adulthood (T1: age 30) as well as in old age (T2: age 70). Correlation over this 40-year-period is +.28.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-CP/g/fi/v/7/a	r=+.07 ns	Happiness assessed at T1 and T2 load similarly on this factor.

Study	BACHM 1978*	Page in Report:
Reported in:	Bachman, J. G., O'Malley, P. M., Johnston, J. Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the 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: Later fail-anxiousness Code: P 5.2.40

Measurement: A mean of 14 true/false items, adopted from the Mandl er-Sarason Test Anxiety Questionnaire, measuring how anxious respondent gets about tests and exams.
Scale: 1.00 = low; 2.00 = high test anxiety. Assessed at T1 and T2

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks												
O-HP/g/mq/v/5/a	tau=- p<.s	<table> <thead> <tr> <th>Happiness</th> <th>Test anxiety</th> </tr> </thead> <tbody> <tr> <td>T1</td> <td>- = -.17 (001) T1</td> </tr> <tr> <td>T2</td> <td>- = -.13 (001) T2</td> </tr> <tr> <td>T3</td> <td>- = -.12 (001)</td> </tr> <tr> <td>T4</td> <td>- = -.15 (001)</td> </tr> <tr> <td></td> <td>T1: 1966, T2: 1968, T3: 1969, T4: 1970</td> </tr> </tbody> </table>	Happiness	Test anxiety	T1	- = -.17 (001) T1	T2	- = -.13 (001) T2	T3	- = -.12 (001)	T4	- = -.15 (001)		T1: 1966, T2: 1968, T3: 1969, T4: 1970
Happiness	Test anxiety													
T1	- = -.17 (001) T1													
T2	- = -.13 (001) T2													
T3	- = -.12 (001)													
T4	- = -.15 (001)													
	T1: 1966, T2: 1968, T3: 1969, T4: 1970													

Study	MCCRA 1990	Page in Report:	23/24
<i>Reported in:</i>	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. 16 (1990) p. 23-24		
<i>Population:</i>	Single males and couples followed 7 years, Baltimore, USA, 1979-86		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	429		

Measured Correlate

Class: Later locus of control Code: P 5.2.58

Measurement: Index of closed questions answered by Ss and spouse. NEO Personal Inventory (Costa et al 1985). Typical characteristics of high scores are:
 -sociable, affective
 -active, optimistic
 -fun loving
 -person oriented
 Assessed at T1(1979), T2(1981) and T3(1986)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.25 p<.01	T1 happiness (ABS) by T3 self-rated extraversion
	r=+.21 p<.01	T2 happiness (ABS) by T3 self-rated extraversion
	r=+.09 ns	T1 happiness (ABS) by T3 spouse-rated extraversion
	r=+.04 ns	T2 happiness (ABS) by T3 spouse-rated extraversion

Study	MCCRA 1990	Page in Report:	23/24
<i>Reported in:</i>	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. 16 (1990) p. 23-24		
<i>Population:</i>	Single males and couples followed 7 years, Baltimore, USA, 1979-86		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	429		

Measured Correlate

Class: Later locus of control Code: P 5.2.58

Measurement: Index of closed questions answered by Ss and spouse. NEO Personal Inventory (Costa et al 1985). Typical characteristics of high scores are:
 -sociable, affective
 -active, optimistic
 -fun loving
 -person oriented
 Assessed at T1(1979), T2(1981) and T3(1986)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/u/sq/v/7/a	r=+.19 p<.01	T1 happiness (LS) by T3 self-rated extraversion
	r=+.20 p<.01	T2 happiness (LS) by T3 self-rated extraversion
	r=+.07 ns	T1 happiness (LS) by T3 spouse-rated extraversion
	r=+.15 p<.05	T2 happiness (LS) by T3 spouse-rated extraversion

Study	MCCRA 1990	Page in Report:	23/24
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: Later kindness Code: P 5.2.64

Measurement: Index of closed questions answered by Ss and spouse. NEO Personal i ty Inventory (Costa ea 1985). Typical characteristics of high scores are:
 -soft hearted
 -good natured
 -trusting, helpful
 -straightforward
 Assessed at T1(1979), T2(1981) and T3(1986)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-DT/u/sq/v/7/a	r=+.12 p<.05	T1 happiness (LS) by T3 self-rated agreeableness
	r=+.10 ns	T2 happiness (LS) by T3 self-rated agreeableness
	r=+.19 p<.01	T1 happiness (LS) by T3 spouse-rated agreeableness
	r=+.27 p<.01	T2 happiness (LS) by T3 spouse-rated agreeableness

Study	MCCRA 1990	Page in Report:	23/24
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. 16, no. 5 (1990) p. 649-666		
Population:	Single males and couples followed 7 years, Baltimore, USA, 1979-86		
Sample:			
Non-Response:			
N:	429		

Measured Correlate

Class: Later kindness Code: P 5.2.64

Measurement: Index of closed questions answered by Ss and spouse. NEO Personal i ty Inventory (Costa et al 1985). Typical characteristics of high scores are:
 -soft hearted
 -good natured
 -trusting, helpful
 -straightforward
 Assessed at T1(1979), T2(1981) and T3(1986)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.18 p<.01	T1 happiness (ABS) by T3 self-rated agreeableness
	r=+.14 p<.01	T2 happiness (ABS) by T3 self-rated agreeableness
	r=+.27 p<.01	T1 happiness (ABS) by T3 spouse-rated agreeableness
	r=+.24 p<.01	T2 happiness (ABS) by T3 spouse-rated agreeableness

Study	MCCRA 1990	Page in Report:	23/24
<i>Reported in:</i>	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. ?		
<i>Population:</i>	Single males and couples followed 7 years, Baltimore, USA, 1979-86		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	429		

Measured Correlate

Class: Later openness Code: P 5.2.76

Measurement: Index of closed questions answered by Ss and spouse. NEO Personal i ty Inventory (Costa et al 1985). Typical characteristics of high scores are:
 -curious, broad interest
 -creative, original
 -imaginative
 -unbridled
 Assessed at T1(1979), T2(1981) and T3(1986)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/cm/mq/v/2/a	r=+.04 ns	T1 happiness (ABS) by T3 self-rated openness
	r=+.00 ns	T2 happiness (ABS) by T3 self-rated openness
	r=-.01 ns	T1 happiness (ABS) by T3 spouse-rated openness
	r=-.08 ns	T2 happiness (ABS) by T3 spouse-rated openness

Study	MUSSE 1980/1	Page in Report:	342
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, followed from age 30 to 70, Berkeley USA, 1928-68		
Sample:			
Non-Response:			
N:	53		

Measured Correlate

Class:	Later openness Code: P 5.2.76
Measurement:	Personality factor that appears in an analysis of ratings by two interviewers on 71 personality-social characteristics. This factor appeared in young adulthood (T1: age 30) as well as in old age (T2: age 70). Correlation over this 40-year-period is +.28 .
Measured Values:	
Error Estimates:	
Remarks:	Personality factor that appears in an analysis of ratings by two interviewers on 71 personality-social characteristics. This factor appeared in young adulthood (T1: age 30) as well as in old age (T2: age 70). Correlation over this 40-year-period is +.28 .

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLC/g/fi/v/7/b	r=+.05 ns	Personality factor that appears in an analysis of ratings by two interviewers on 71 personality-social characteristics. This factor appeared in young adulthood (T1: age 30) as well as in old age (T2: age 70). Correlation over this 40-year-period is +.28 .

Study	BACHM 1978*	Page in Report:
Reported in:	Bachman, J. G., O'Malley, P. M., Johnston, J. Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the 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: Later need for self-actualisation Code: P 5.2.96

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

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks																									
O-HP/g/mq/v/5/a	tau=+ p<.001	<p>Need for self-development</p> <table> <thead> <tr> <th>Happiness</th> <th>T1</th> <th>T2</th> <th>T3</th> <th>T4</th> </tr> </thead> <tbody> <tr> <td>T1</td> <td>-. = +.34</td> <td>+.19</td> <td>+.20</td> <td>+.15</td> </tr> <tr> <td>T2</td> <td>-. = +.21</td> <td>+.33</td> <td>+.24</td> <td>+.22</td> </tr> <tr> <td>T3</td> <td>-. = +.18</td> <td>+.18</td> <td>+.32</td> <td>+.21</td> </tr> <tr> <td>T4</td> <td>-. = +.13</td> <td>+.15</td> <td>+.22</td> <td>+.30</td> </tr> </tbody> </table> <p>All significant (001) T1: 1966, T2: 1968, T3: 1969, T4: 1970</p>	Happiness	T1	T2	T3	T4	T1	-. = +.34	+.19	+.20	+.15	T2	-. = +.21	+.33	+.24	+.22	T3	-. = +.18	+.18	+.32	+.21	T4	-. = +.13	+.15	+.22	+.30
Happiness	T1	T2	T3	T4																							
T1	-. = +.34	+.19	+.20	+.15																							
T2	-. = +.21	+.33	+.24	+.22																							
T3	-. = +.18	+.18	+.32	+.21																							
T4	-. = +.13	+.15	+.22	+.30																							

Study	BACHM 1978*	<i>Page in Report:</i>
<i>Reported in:</i>	Bachman, J. G., O'Malley, P. M., Johnston, J. Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978	
<i>Population:</i>	Public highschool boys followed 8 years from grade 10, USA, 1966-74	
<i>Sample:</i>		
<i>Non-Response:</i>	2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5	
<i>N:</i>	t1 - T5: 2213/1886/1799/ 1620/1628	

Measured Correlate

<i>Class:</i>	Later need for self-actualisation Code: P 5.2.96
<i>Measurement:</i>	8-item index containing closed questions concerning use of one's existing skills and abilities. Scale: 1.00 = low; 5.00 = high need for self-utilization. Assessed at T1, T2, T3 and T4
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>																									
O-HP/g/mq/v/5/a	tau=+	<p>Need for self-utilization</p> <table> <thead> <tr> <th>Happiness</th> <th>T1</th> <th>T2</th> <th>T3</th> <th>T4</th> </tr> </thead> <tbody> <tr> <td>T1</td> <td>= +.27</td> <td>+.15</td> <td>+.17</td> <td>+.12 (.01)</td> </tr> <tr> <td>T2</td> <td>= +.14</td> <td>+.26</td> <td>+.20</td> <td>+.15</td> </tr> <tr> <td>T3</td> <td>= +.09 (.05)</td> <td>+.12 (.01)</td> <td>+.26</td> <td>+.16</td> </tr> <tr> <td>T4</td> <td>= +.07 (ns)</td> <td>+.11 (.01)</td> <td>+.19</td> <td>+.25</td> </tr> </tbody> </table> <p>All significant with (.001) unless indicated otherwise T1: 1966, T2: 1968, T3: 1969, T4: 1970</p>	Happiness	T1	T2	T3	T4	T1	= +.27	+.15	+.17	+.12 (.01)	T2	= +.14	+.26	+.20	+.15	T3	= +.09 (.05)	+.12 (.01)	+.26	+.16	T4	= +.07 (ns)	+.11 (.01)	+.19	+.25
Happiness	T1	T2	T3	T4																							
T1	= +.27	+.15	+.17	+.12 (.01)																							
T2	= +.14	+.26	+.20	+.15																							
T3	= +.09 (.05)	+.12 (.01)	+.26	+.16																							
T4	= +.07 (ns)	+.11 (.01)	+.19	+.25																							

Study	VENTE 1995	Page in Report:	410
<i>Reported in:</i>	Ventegodt, S. Livskvalitet i Danmark.(Quality of Life in Denmark) Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017		
<i>Population:</i>	18-88 aged, general public, Denmark, 1993		
<i>Sample:</i>	Non-probability purposive sample (unspecified)		
<i>Non-Response:</i>	39%		
<i>N:</i>	1494		

Measured Correlate

<i>Class:</i>	Later need for self-actualisation Code: P 5.2.96
<i>Measurement:</i>	Expression of life potentials 1: very bad 2: bad 3: neither good nor bad 4: good 5: very good
<i>Measured Values:</i>	N: all:1456, 1:44, 2:382, 3:936, 4:94, 5:-
<i>Error Estimates:</i>	
<i>Remarks:</i>	Expression of life-potentials is calculated as weighted mean of 23 questions about satisfaction with 5 domains: partner, children and parents, friends, external environment and self. See Chapter 8 of "Measuring the Quality of Life", Ventegodt 1996

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/m/sq/v/5/a	r=+.33 p<.00	1: Mt=6.14 2: Mt=6.90 3: Mt=8.06 4: Mt=9.13 5: Mt=- All Mt=
O-HL/c/sq/v/5/h	r=+.39 p<.00	1: Mt=5.00 2: Mt=5.99 3: Mt=7.30 4: Mt=8.43 5: Mt=- All Mt=

Study	VENTE 1996	Page in Report:	434
<i>Reported in:</i>	Ventegodt, S. Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds) Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København 1996, ISBN 8790190068		
<i>Population:</i>	Persons born at the University Hospital in Copenhagen 1959-1961		
<i>Sample:</i>	Non-probability purposive sample (unspecified)		
<i>Non-Response:</i>	39%		
<i>N:</i>	4500		

Measured Correlate

<i>Class:</i>	Later need for self-actualisation Code: P 5.2.96
<i>Measurement:</i>	expression of life's potentials 1: very bad 2: bad 3: neither good nor bad 4: good 5: very good
<i>Measured Values:</i>	N: 4585; 1:0,7; 2:6,5; 3:33,5; 4:52,9; 5:6,4
<i>Error Estimates:</i>	
<i>Remarks:</i>	Expression of life-potentials is calculated as weighted mean of 23 questions about satisfaction with 5 domains: partner, children and parents, friends, external environment and self. See Chapter 8 of "Measuring the Quality of Life", Ventegodt 1996

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/m/sq/v/5/a	r=+.42 p<.00	1: Ms=6. 25 2: Ms=5. 54 3: Ms=6. 99 4: Ms=8. 33 5: Ms=9. 20
	r=+.47 p<.00	1: Ms=5. 96 2: Ms=4. 99 3: Ms=6. 05 4: Ms=7. 70 5: Ms=8. 65
O-SLu/c/sq/v/5/e	r=+.47 p<.00	1: Ms=5. 59 2: Ms=4. 91 3: Ms=6. 51 4: Ms=8. 13 5: Ms=9. 03

Study	MUSSE 1980/1	Page in Report:	342
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, followed from age 30 to 70, Berkeley USA, 1928-68		
Sample:			
Non-Response:			
N:	53		

Measured Correlate

Class: Later self-confidence Code: P 5.2.100

Measurement: Personal i ty factor that appears i n an analysis of ratings by two i ntervi ewers on 71 personal i ty-soci al characteri stics. This factor only appeared i n old age (T2: age 70).

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-CP/g/fi/v/7/a	r=+.10 ns	Happi ness assessed at T1 (age 30).
O-SLC/g/fi/v/7/b	r=+.13 ns	

Study	MUSSE 1980/1	Page in Report:	342
<i>Reported in:</i>	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		
<i>Population:</i>	Mothers, followed from age 30 to 70, Berkeley USA, 1928-68		
<i>Sample:</i>			
<i>Non-Response:</i>			
<i>N:</i>	53		

Measured Correlate

<i>Class:</i>	Later tenseness Code: P 5.2.111
<i>Measurement:</i>	Personality factor that appears in an analysis of ratings by two interviewers on 71 personality-social characteristics. This factor appeared in young adulthood (T1: age 30) as well as in old age (T2: age 70). Correlation over this 40-year-period is +.24.
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-CP/g/fi/v/7/a	r=+.31 ns	Happiness assessed at T1 and T2 load similarly on this factor.

Study	BACHM 1978*	<i>Page in Report:</i>
<i>Reported in:</i>	Bachman, J. G., O'Malley, P. M., Johnston, J. Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978	
<i>Population:</i>	Public highschool boys followed 8 years from grade 10, USA, 1966-74	
<i>Sample:</i>		
<i>Non-Response:</i>	2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5	
<i>N:</i>	t1 - T5: 2213/1886/1799/ 1620/1628	

Measured Correlate

Class: Later tolerance Code: P 5.2.113

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

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>																														
O-HP/g/mq/v/5/a	tau=-	<table> <thead> <tr> <th></th> <th>Happiness</th> <th colspan="3">Social distance</th> </tr> <tr> <th></th> <th></th> <th>T3</th> <th>T4</th> <th>T5</th> </tr> </thead> <tbody> <tr> <td>T1</td> <td>- = -.05</td> <td>-.01</td> <td>-.02</td> <td></td> </tr> <tr> <td>T2</td> <td>- = -.04</td> <td>-.01</td> <td>-.03</td> <td></td> </tr> <tr> <td>T3</td> <td>- = -.07</td> <td>-.02</td> <td>-.04</td> <td></td> </tr> <tr> <td>T4</td> <td>- = -.08 (05)</td> <td>-.06</td> <td>-.06</td> <td></td> </tr> </tbody> </table> <p>All not significant, unless indicated otherwise T1: 1966, T2: 1968, T3: 1969, T4: 1970, T5: 1974</p>		Happiness	Social distance					T3	T4	T5	T1	- = -.05	-.01	-.02		T2	- = -.04	-.01	-.03		T3	- = -.07	-.02	-.04		T4	- = -.08 (05)	-.06	-.06	
	Happiness	Social distance																														
		T3	T4	T5																												
T1	- = -.05	-.01	-.02																													
T2	- = -.04	-.01	-.03																													
T3	- = -.07	-.02	-.04																													
T4	- = -.08 (05)	-.06	-.06																													

Study	BACHM 1978*	<i>Page in Report:</i>
<i>Reported in:</i>	Bachman, J. G., O'Malley, P. M., Johnston, J. Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978	
<i>Population:</i>	Public highschool boys followed 8 years from grade 10, USA, 1966-74	
<i>Sample:</i>		
<i>Non-Response:</i>	2.8% at T1, 17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5	
<i>N:</i>	t1 - T5: 2213/1886/1799/ 1620/1628	

Measured Correlate

<i>Class:</i>	Later trust Code: P 5.2.115
<i>Measurement:</i>	6-item index of closed questions on trust in people, assessed at T1, T2, T3 and T4. Scale: 1.00 = low trust to 2.00 = high trust.
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>																									
O-HP/g/mq/v/5/a	tau=+ p<.s	<p>Trust in people</p> <table> <thead> <tr> <th>Happiness</th> <th>T1</th> <th>T2</th> <th>T3</th> <th>T4</th> </tr> </thead> <tbody> <tr> <td>T1</td> <td>= +.16</td> <td>+.14</td> <td>+.08 (05)</td> <td>+.08 (05)</td> </tr> <tr> <td>T2</td> <td>= +.13</td> <td>+.23</td> <td>+.21</td> <td>+.17</td> </tr> <tr> <td>T3</td> <td>= +.12 (01)</td> <td>+.15</td> <td>+.19</td> <td>+.15</td> </tr> <tr> <td>T4</td> <td>= +.08 (05)</td> <td>+.10 (01)</td> <td>+.14</td> <td>+.21</td> </tr> </tbody> </table> <p>All significant with (001) unless indicated otherwise</p> <p>T1: 1966, T2: 1968, T3: 1969, T4: 1970</p>	Happiness	T1	T2	T3	T4	T1	= +.16	+.14	+.08 (05)	+.08 (05)	T2	= +.13	+.23	+.21	+.17	T3	= +.12 (01)	+.15	+.19	+.15	T4	= +.08 (05)	+.10 (01)	+.14	+.21
Happiness	T1	T2	T3	T4																							
T1	= +.16	+.14	+.08 (05)	+.08 (05)																							
T2	= +.13	+.23	+.21	+.17																							
T3	= +.12 (01)	+.15	+.19	+.15																							
T4	= +.08 (05)	+.10 (01)	+.14	+.21																							

Study	SCHAE 1963/1	<i>Page in Report:</i>	29
<i>Reported in:</i>	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 .		
<i>Population:</i>	Children followed from age 0 to 18, Berkeley, California, USA, 1929-47		
<i>Sample:</i>			
<i>Non-Response:</i>	13% drop-outs (7 children and their mothers)		
<i>N:</i>	54: see under remarks		

Measured Correlate

<i>Class:</i>	Later personality development Code: P 5.3
<i>Measurement:</i>	Expert rating on the basis of observation of expressive behavior on a bipolar 7-point 'inactive - vigorous' scale. 12 ratings between month 10-36 of age.
<i>Measured Values:</i>	
<i>Error Estimates:</i>	
<i>Remarks:</i>	

Observed Relation with Happiness

<i>Happiness Query</i>	<i>Statistics</i>	<i>Remarks</i>
A-CP/mi/tsb/n/7/a	mr=+.08	Boys 10-12: -.08(ns) -.18(ns) -.06(ns) -.27(ns) 13-15: -.02(ns) +.03(ns) -.01(ns) -.17(ns) 18-24: +.19(ns) +.24(ns) +.65(05) +.29(ns) 27-36: +.25(ns) +.07(ns) +.21(ns) +.14(ns)
	mr=+.11	Girls 10-12: +.03(ns) +.11(ns) +.07(ns) -.07(ns) 13-15: +.01(ns) +.09(ns) +.29(ns) +.10(ns) 18-24: +.07(ns) +.12(ns) +.34(ns) +.01(ns) 27-36: +.06(ns) +.02(ns) +.20(ns) +.23(ns)

Study	SCHAE 1963/1	Page in Report:	29
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:	Later personality development Code: P 5.3
Measurement:	Expert rating on the basis of observation of expressive behavior on a 7-point 'slow - rapid' scale. 12 ratings between month 10-36.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-CP/mi/tsb/n/7/a	mr=-.07	Boys 10-12: -.18(ns) -.31(ns) -.26(ns) -.39(05) 13-15: -.05(ns) -.13(ns) -.07(ns) -.29(ns) 18-24: +.06(ns) -.06(ns) +.35(ns) -.02(ns) 27-36: +.10(ns) +.05(ns) +.13(ns) +.02(ns)
	mr=-.01	Girls 10-12: -.02(ns) +.10(ns) +.11(ns) -.07(ns) 13-15: -.05(ns) +.10(ns) +.28(ns) -.01(ns) 18-24: +.01(ns) -.04(ns) +.06(ns) -.27(ns) 27-36: +.02(ns) -.03(ns) -.04(ns) -.27(ns)

Appendix 1 Queries on Happiness used in reported Studies

Happiness Query Code Full Text

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 dårligt
 2 dårligt
 1 meget dårligt

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-CP/g/fi/v/7/a Selfreport in focussed interview

Rating two independent 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/mi/tsb/n/7/a

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.

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

Selfreport on single question:

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

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

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

O-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 ulykkelig
- 1 meget ulykkelig

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

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

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

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

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 introductory text to the Catalog of Happiness Queries.

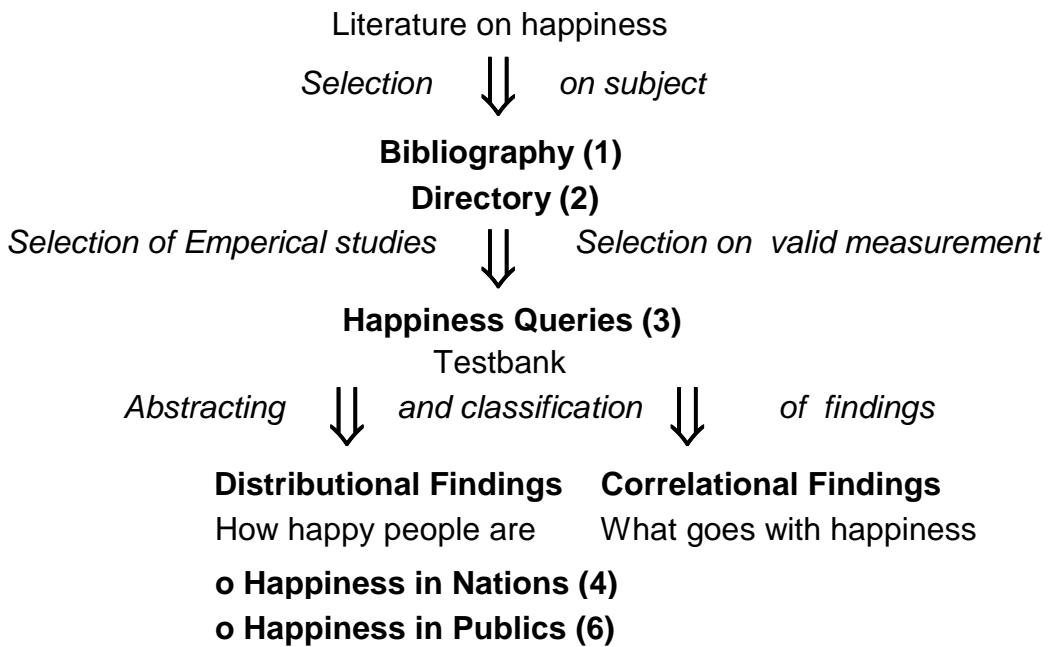
Appendix 2 **Statistics used in reported studies**

Symbol	Explanation
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.
Ra ²	ADJUSTED COEFFICIENT OF MULTIPLE CORRELATION Type: descriptive statistic only Measurement level: Correlates: all metric, Happiness: metric Range: [0 ; 1]
	Meaning: Ra = 0 « not any association Ra = 1 « strongest possible association
tau	GOODMAN & KRUSKAL'S TAU Type: descriptive statistic only. Measurement level: Correlate: nominal, Happiness: ordinal Range: [0; +1]
	Meaning: tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating. tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.

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:



- 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

H 3	HAPPINESS: ATTITUDES	39
H 5	HAPPINESS CAREER	144
H 6	HAPPINESS: CURRENT LEVEL	260
H 8	HEALTH-BEHAVIOR	15
H 9	HELPING	4
I 1	INCOME	415
I 2	INSTITUTIONAL LIVING	28
I 3	INTELLIGENCE	63
I 4	INTERESTS	5
I 5	INTERVIEW	49
I 6	INTIMACY	70
L 1	LANGUAGE	1
L 10	LOCAL ENVIRONMENT	270
L 11	LOTTERY	7
L 12	LOVE-LIFE	26
L 2	LEADERSHIP	8
L 3	LEISURE	128
L 4	LIFE APPRAISALS: OTHER THAN HAPPINESS4	290
L 5	LIFE-CHANGE	26
L 6	LIFE-EVENTS	63
L 7	LIFE-GOALS	52
L 8	LIFE HISTORY	1
L 9	LIFE STYLE	4
M 1	MARRIAGE: MARITAL STATUS CAREER	32
M 10	MIGRATION: MIGRANT WORK	3
M 11	MILITARY LIFE	5
M 12	MODERNITY	5
M 13	MOOD	181
M 2	MARRIAGE: CURRENT MARITAL STATUS	315
M 3	MARRIAGE: RELATIONSHIP	99
M 4	MARRIAGE: PARTNER	34
M 5	MEANING	18
M 6	MEDICAL TREATMENT	49
M 7	MENTAL HEALTH	99
M 8	MIGRATION: OTHER COUNTRY	9
M 9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
N 1	NATIONALITY	5
N 2	NATION: TIME & PLACE	20
N 3	NATIONAL CHARACTER (modal personality)	2
N 4	NATION'S CONDITION	52
N 6	ATTITUDES TO THE NATION	111
N 7	LIVABILITY OF THE NATION	5
N 8	NUTRITION	18
O 1	OCCUPATION	133

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*

<i>This Topic</i>		<i>Related Topics</i>	
<i>Classification Page 1</i>		<i>In Subject List on Appendix 4</i>	
P 5	PERSONALITY: LATER		
P 5.1	Later personality organization		
P 5.2	Later personality traits		
P 5.2.100	Later self-confidence	P 4.100	Self-confidant
		P 1.2.100	Earlier self-confidence
P 5.2.101	Later self-disclosure	P 4.101	Self-disclosing
P 5.2.111	Later tenseness	P 4.111	Tense
P 5.2.113	Later tolerance	P 1.2.113	Earlier tolerance
		P 4.113	Tolerant
P 5.2.115	Later trust	P 4.115	Trust in people
		P 1.2.115	Earlier trust in people
P 5.2.14	Later cleverness	P 4.14	Clever
		P 1.2.14	Earlier cleverness
P 5.2.40	Later fail-anxiousness	P 4.40	Fail anxious
		P 1.2.40	Earlier fail-anxiety
P 5.2.58	Later locus of control	P 4.58	Inner locus of control
		P 1.2.58	Earlier inner-control
P 5.2.64	Later kindness	P 4.64	Kind
P 5.2.76	Later openness	P 4.76	Open
		P 1.2.76	Earlier openness
P 5.2.96	Later need for self-actualisation	P 4.96	Self-actualization (need for)
		P 1.2.96	Earlier need for self-actualization
P 5.3	Later personality development		

End of Report