World Database of Happiness

Correlational Findings on Happiness and SOCIAL PARTICIPATION: TOTAL (personal + associations) Subject Code: S8

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Classification of Findings

Subject Code	*Description*	*Nr of Studies on this Subject*
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	0
S8.1	Participation career	0
S8.1.1	Earlier total social participation	3
S8.1.2	Change in total social participation	4
S8.1.4	Later total social participation	1
S8.2	Current total social participation	21
S8.3	Attitudes to total social participation	2
S8.3.1	Concern about social participation	0
S8.3.2	Satisfaction with social participation	3
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Cite as

Veenhoven, R.: Findings on SOCIAL PARTICIPATION: TOTAL (personal + associations)
World Database of Happiness, Correlational Findings
Internet: worlddatabaseofhappiness.eur.nl
Erasmus University Rotterdam, 2009, Netherlands

Correlational finding on Happiness and Earlier total social participation
Subject code: S8.1.1

Study

BAKER 2005

Reported in: Baker, L.A.; Lawrence, P.; Cahalin, K.G.; Burr, J.A.
Productive Activities and Subjective Well-Being among Older Adults: the Influence of Number of Activities and Time Commitment.
Social Indicators Research, 2005, Vol. 73, 431 - 458. ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1007/s11205-005-0805-6
Page in Report: 443

Population: 60+ aged, USA, followed 3 years 1986-1989

Sample: Probability stratified sample

Non-Response:

N: 1279

Correlate

Authors label: Social activity

Our classification: Earlier total social participation, code S8.1.1

Measurement:
```
Self reported activities in the last year:
- attending meetings
- talking on the phone
- visiting friends

Rated:
0 Never
1 Less than once a month
2 About once a month
3 Two or three times a month
4 Once a week
5 More than once a week
```

Measured Values: Range 0-15, M = 8,9, SD = 3,3

Remarks: Assessed at T1

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-HL/c/sq/v/3/aa	r=+.15 p<.05	T1 social activity by T2 happiness
O-SLW/c/sq/n/7/a	r=+.11 p<.05	

O-HL/c/sq/v/3/aa	B=+.05
	p<.05
		B (+.052) controlled for:
		- T1 activity in voluntary associations
		- T1 health
		- T1 social support
		- T1 religious participation
		- Demographic variables
		  - age
		  - gender
		  - education
		  - race
		  - marital status

O-SLW/c/sq/n/7/a	B=+.04
	p<.10
		B (+.024) controlled for:
		- T1 activity in voluntary associations
		- T1 health
		- T1 social support
		- T1 religious participation
		- Demographic variables
		  - age
		  - gender
		  - education
		  - race
		  - marital status

O-SLW/c/sq/n/7/a	B=+.01 ns	B (+0,010) additionally controlled for: - T1 happiness (indicating CHANGE in happiness)

Correlational finding on Happiness and Earlier total social participation
Subject code: S8.1.1

Study — MOEN 1995

Reported in: Moen, P.; Robinson, J; Dempster-McClain, D.
Caregiving and Women's Well-Being: A Life Course Approach.
Journal of Health and Social Behavior, 1995, Vol. 36, 259 - 273. ISSN 0022 1465
Page in Report: 265

Population: Mothers USA, followed 30 years 1956-1986

Sample: Probability stratified sample

Non-Response: 20

N: 313

Correlate

Authors label: Early multiple role occupancy

Our classification: Earlier total social participation, code S8.1.1

Measurement: Number of roles occupied beyond marriage and motherhood.These included frequent contact with relatives, neighbors and/or friends, regular church attendance, club memership and volunteering. (indicator of social integration)

Assessed at T1 (1956)

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*	
M-CO/*/mq/v/3/a	DMa=+	T1 roles	T2 happiness
		- low	Ma = 2,30
		- high	Ma = 2,62
		Ma controled for:	
		- age	
		- T2 marital status	
		- T2 education	

Correlational finding on Happiness and Earlier total social participation
Subject code: S8.1.1

Study PALMO 1977

Reported in: Palmore, E.B.;Kivett, V.
Change in Life Satisfaction: A Longitudinal Study of Persons Aged 46 - 70.
Journal of Gerontology, 1977, Vol. 32, 311 - 316. ISSN 0022 1422
Page in Report: 313

Population: 46+ aged whites, followed 2 years, USA, 1968-1972/74

Sample: Probability stratified sample

Non-Response:

N: 378

Correlate

Authors label: Social activity hours (4)

Our classification: Earlier total social participation, code S8.1.1

Measurement: Number of hours spent during the last typical week "attending a sports event such as baseball or football games; attending church or other meetings; lectures or concerts; doing volunteer work for church, other organizations or relatives; visiting, telephoning or writing friends or relatives; parties, eating or entertaining".

Assessed at T1: 1968/70.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
C-BW/c/sq/l/10/c	r=+.11 p<.05	T1 social activity by T1 life satisfaction
C-BW/c/sq/l/10/c	r=+.09 ns	T1 social activity by T2 life satisfaction
C-BW/c/sq/l/10/c	r=+.12 p<.05	T1 social activity by T3 life satisfaction
C-BW/c/sq/l/10/c	Beta=+.06 ns	Multiple regression Dependent T1 life satisfaction. Selfrated health R= +.42 Sexual enjoyment B1=+.43 Soc. Act. hours B2=+.44 Org. activity B3=+.46 Productive hours B4=+.46
C-BW/c/sq/l/10/c	Beta=+.08 ns	Multiple regression Dependent T2 life satisfaction. Selfrated health R= +.42 Sexual enjoyment B1=+.43 Soc. Act. hours B2=+.44 Org. activity B3=+.46 Productive hours B4=+.46
C-BW/c/sq/l/10/c	Beta=+.09 ns	Multiple regression Dependent T3 life satisfaction. Selfrated health R= +.42 Sexual enjoyment B1=+.43 Soc. Act. hours B2=+.44 Org. activity B3=+.46 Productive hours B4=+.46

Correlational finding on Happiness and Change in total social participation
Subject code: S8.1.2

Study BELL 1975B

Reported in: Bell, B.D.
The Limitations of Crisis Theory as an Explanatory Mechanism in Social Gerontology.
International Journal of Aging and Human Development, 1975, Vol. 6, 153 - 168 ISSN:0091 4150
Page in Report: 160

Population: Males shortly before and after retirement, USA 1973-74

Sample: Non-probability purposive sample

Non-Response: 21%

N: 111

Correlate

Authors label: Role set disruption in the area of the community

Our classification: Change in total social participation, code S8.1.2

Measurement: T1-T2 difference in hours spend in the area of community

Remarks: T1: pre-retirement, T2: Post-retirement. Difference 1 year

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Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-SLL/c/sq/v/5/e	r=-.20 p<..005	Degree of difference
O-SLL/c/sq/v/5/e	r=+.03 p<.353	Direction of the difference: Ss who came to spend more time with community activities did not become happier Correlations with T1-T2 CHANGE in happiness

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Correlational finding on Happiness and Change in total social participation
Subject code: S8.1.2

Study GRANE 1975

Reported in: Graney, M.J.
Happiness and Social Participation in Aging.
Journal of Gerontology, 1975, Vol. 30, 701 - 706. ISSN 0022 1422
Page in Report: 703

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

Sample:

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

N: 44

Correlate

Authors label: Changes in social activities over 4 years. (3)

Our classification: Change in total social participation, code S8.1.2

Measurement: Differences between responses at T1 and T2 on identical direct questions.

a. More contacts with friends and relatives.

b. More contacts with neighbors.

c. More memberships in voluntary associations.

d. More often meetings of voluntary associations attended.

e. More often religious services attended.

f. Telephone used more often.

Remarks: Happiness assessed at T2.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
A-BB/cm/mq/v/2/a	tb=-.06 ns	a: Age 66-75: tb = -.17 (ns) Age 82-92: tb = +.19 (ns)
A-BB/cm/mq/v/2/a	tb=+.24 p<.05	b: Age 66-75: _b = +.42 (05) Age 82-92: _b = +.54 (01) Lower among age 76-81

A-BB/cm/mq/v/2/a	tb=+.34 p<.01	c: Age 66-75: _b = +.30 (05) Age 82-92: _b = +.56 (01)
A-BB/cm/mq/v/2/a	tb=+.28 p<.01	d: Age 66-75: _b = +.10 (ns) Age 82-92: _b = +.58 (01)
A-BB/cm/mq/v/2/a	tb=-.15 ns	e: Age 66-75: _b = -.04 (ns) Age 82-92: _b = -.17 (ns)
A-BB/cm/mq/v/2/a	tb=+.02 ns	f: Unaffected by age.

Correlational finding on Happiness and Change in total social participation
Subject code: S8.1.2

Study

KENNE 1985

Reported in: Kennedy, L.W.; Mehra, A.N.
Effects of Social Change on Well-Being: Boom and Bust in a Western Canadian City.
Social Indicators Research, 1985, Vol. 17, 101 - 113. ISSN 0303 8300. DOI:10.1007/BF00302416
Page in Report: 106/108

Population: 18+ aged, general public, Edmonton, Canada, 1977-84

Sample: Probability multi-stage cluster sample

Non-Response:

N: 3440

Correlate

Authors label: objective change in social environment (1)

Our classification: Change in total social participation, code S8.1.2

Measurement:
```
Question about which year differed significantly from other
years.
1. Yes
2. No
```

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*

O-SLu/c/sq/n/7/b	Beta=+.09	Step-wise regression by age group. age group 17-25 Years 1978 and 1984 indicated. Beta controlled for: - standard of living satisfaction - friendship satisfaction - family satisfaction - job satisfaction - neighbourhood satisfaction - financial better/worse than year ago - health satisfaction - education - things wanted to do satisfaction
O-SLu/c/sq/n/7/b	Beta=-.05	Year 1981 indicated. age-group 26-45 Beta controlled for: - standard of living satisfaction -friendship satisfaction - family satisfaction - job satisfaction - health satisfaction - non work activities satisfaction - neighbourhood satisfaction - finanacial better/worse than year ago - sex - things wanted to do satisfaction
O-SLu/c/sq/n/7/b	Beta=-.06	Year 1982 indicated. age-group 45+ Beta controlled for: - standard of living satisfaction - health satisfaction - non work activities satisfaction - financial better/worse than year ago - job satisfacion - frienship satisfaction - family satisfaction - things wanted to do satisfaction - sex

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Correlational finding on Happiness and Change in total social participation
Subject code: S8.1.2

Study LOWEN 1965

Reported in: Lowenthal, M.F.;Boler, D.
Voluntary vs. Involuntary Social Withdrawal.
Journal of Gerontology, 1965, Vol, 20, 363 - 371
Page in Report: 367

Population: 60+aged, non-institutionalized, San Francisco, U.S.A., 1962

Sample:

Non-Response: 55%, 22% refusals, 9% deaths, 22% unattainable

N: 269

Correlate

Authors label: Social withdrawal (1)

Our classification: Change in total social participation, code S8.1.2

Measurement: 3-item index of closed questions on reduction in contacts with relatives, other people, and organisational membership during the past year

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Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-HL/c/sq/v/3/bc	G=-.21 ns	deprived : G' = -.34 (ns) not deprived : G' = +.51 (ns)
O-SLL/c/sq/v/4/c	G=-.45 p<.01	deprived : G' = -.43 (05) not deprived : G' = -.35 (ns)
A-AOL/g/sq/v/3/b	G=-.41 p<.01	deprived : G' = -.48 (05) not deprived : G' = -.19 (ns) Deprivation measured by an index of: 1. compulsery retirement in the past 7 years 2. widowhood in the past 7 years 3. interviewer rating of physical disability G' based on proportion unhappy

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Correlational finding on Happiness and Later total social participation
Subject code: S8.1.4

Study PALMO 1981

Reported in: Palmore, E.B.
Social Patterns in Normal Aging: Findings from the Duke Longitudinal Study.
Duke University Press, 1981, Durham, USA
Page in Report: 106

Population: 46+ aged whites, North Carolina, USA, followed from 1968 to 1976.

Sample: Probability stratified sample

Non-Response:

N: 375

Correlate

Authors label: later social activity hours (2)

Our classification: Later total social participation, code S8.1.4

Measurement: Number of hours spent during the last typical week "attending a sports event such as baseball or foorball games; attending church or other meetings;lectures or concerts; doing vollunteer work for church, other organizations or relatives; visiting, telephoning or writing friends or relatives; parties, eating or entertainiang.".
Assessed at T2.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
C-BW/c/sq/l/10/c	r=+.16 p<.05	Men. T2 social activity hours by T1 life satisfaction.
C-BW/c/sq/l/10/c	r=ns	Women. T2 social activity hours by T1 life satisfaction.

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study ABE 1986

Reported in: Abe, T.; Moritsuka, T.
A Case-Control Study on Climacteric Symptoms and Complaints of Japanese Women by Symptomatic Type for Psychological Variables.
Maturitas, 1986, Vol. 8, 255 - 265. ISSN 0378 5122
Page in Report: 261

Population: Women in menopause patient and controls, Miyagi, North-east Japan, 1981-82.

Sample: Non-probability chunk sample

Non-Response: 20 % (cases 21%,controls 19%)

N: 432

Correlate

Authors label: Involvement in family and/or community (2)

Our classification: Current total social participation, code S8.2

Measurement: `Single direct question`

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study ALEXA 1968

Reported in: Alexander, W.E.
Some Sociological Aspects of Psychological Well-Being in a Schizophrenic Population: Social Class, Participation and Work.
Unpublished doctoral dissertation, 1968, Syracuse University, USA
Page in Report: 153/157

Population: Schizophrenic males non-hospitalized, Monroe County, New York, USA, 1964-65

Sample:

Non-Response: 28%, most of them patients'or family member refusal

N: 178

Correlate

Authors label: Social participations (1)

Our classification: Current total social participation, code S8.2

Measurement: `3-item index of direct questions on number of organized memberships, frequency of contacts with friends and attending parties.`

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*

A-BB/cw/mq/v/4/f	G= +	Index of Positive Affects only: G = +.20 (01) Stronger in high pathology group (01) Lower in low pathology group (ns) Not among those living alone Stronger among those living with someone else than parents or spouse (boarding house, friends, etc.) Not among married males living with their spouse Unaffected by employed status Index of Negative Affects is related to social participation only among employed individuals living with their family of orientation _c = -.27 (05)
O-HL/c/sq/v/3/aa	G=+.17 p<. 01	

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study

BALL 1984

Reported in: Ball, R.E.; Robbins, L.
Marital Status and Life Satisfaction of Black Men.
Journal of Social and Personal Relationships, 1984, Vol. 1, 459 - 470 ISSN: 0265 4075
Page in Report: 463-465

Population: 18+ aged, black men, Florida, USA, 1983

Sample:

Non-Response: 14%

N: 253

Correlate

Authors label: Social participation (1)

Our classification: Current total social participation, code S8.2

Measurement: Index of direct questions on: frequence of interaction with nearby friends and relatives, and church attendancy.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*

C-BW/c/sq/l/11/a	DMt=+ p<. NS	
C-BW/c/sq/l/11/a	DMt= ns	Linear relationship, greater spread in happiness among less participating people.
C-BW/c/sq/l/11/a	Beta=+.03 ns	ß controlled for: self-perceived health, age, SES, marital status.
C-BW/c/sq/l/11/a	B=+03 p<. NS	

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study — BERKM 1971

Reported in: Berkman, P.L.
Life Stress and Psychological Well-Being: A Replication of Langner's Analysis in the Midtown Manhatten Study.
Journal of Health and Social Behavior, 1971, Vol. 12, 35 - 45 ISSN:0022 1465
Page in Report: 41

Population: Adult,, general public, non-institutionalized, USA, Alameda County, USA, 1965

Sample:

Non-Response:

N: 6928

Correlate

Authors label: Poor interpersonal relations (1)

Our classification: Current total social participation, code S8.2

Measurement:
2-item index containing:
- the number of good friends
- the number of organizational member-ships.

Rated as good(0) and poor(1)

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*

A-BB/u/mq/v/3/a	DMr=-.12 p<.05	proportion happy: 0: good relations 71.5% AR= .53 1: poor relations 28.5% AR= .41 The average ridits (AR) were calculated with the distribution of the total sample as reference

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Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study

BLAND 1990

Reported in: Blandford, A.A.; Chappell, N.L.
Subjective Well-being among Native and Non-Native Elderly Persons: Do Differences Exist?
Canadian Journal on Aging, 1990, Vol. 9, 386 - 399 ISSN p 0714 9808; ISSN e:1710 1107
Page in Report: 395

Population: 50+aged, Winnipeg,Canada, 1985

Sample:

Non-Response: 15% Natives

N: 390

Correlate

Authors label: Social contacts (1)

Our classification: Current total social participation, code S8.2

Measurement: Number of persons seen for instrumental purposes

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Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-SLW/c/sq/v/5/t	B=-.01 ns	b controlled by : 1. Male Sex 2. Married 3. Widowed 4. Age 5. Monthly income 6. Perceived health 7. Days in bed 8. Family size 9. Functional ability 10.Satisfaction with family relationships 11.Number of children 12.Number of siblings 13.Number of caregivers

14.Interaction of ethnicity with
ability & marital status & days ill

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study BRADB 1965/1

Reported in: Bradburn, N.M.; Caplovitz D.
Reports on Happiness. A Pilot Study of Behavior Related to Mental Health.
Aldine Publishing Company, 1965, Chicago, USA
Page in Report: 44

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

Sample:

Non-Response: -

N: 2006

Correlate

Authors label: Social participation (1)

Our classification: Current total social participation, code S8.2

Measurement: 7-item index of closed questions on number of organizational memberships, number of times one got together with friends, chatted with friends on the telephone, attended a meeting, ate in a restaurant, went for a ride in the car, and furthest distance went from home other than going to work; during the last week.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
A-BB/cw/mq/v/4/e	G= +	Index of Positive Affects only : G' = +.28 (01) Unaffected by S.E.S.

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study BRINK 1986A

Reported in: Brinkerhoff, M.B.; Jacob, J.
Quality of Life in an Alternative Lifestyle: The Smallholding Movement.
Social Indicators Research, 1986, Vol. 18, 153 - 173 ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1007/BF00317546
Page in Report: 164

Population: 'Back to the land' mini-farmers, West USA and Canada,198?

Sample: Non-probability purposive sample

Non-Response: 44 %

N: 510

Correlate

Authors label: participation (1)

Our classification: Current total social participation, code S8.2

Measurement: Questions on 'participation'. Full items not reported

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Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-HL/u/sq/v/4/a	r=+.06 ns	

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study GOUDY 1981

Reported in: Goudy, W.J..;Goudeau, J.F.
Social Ties and Life Satisfaction of Older Persons: Another Evaluation.
Journal of Gerontological Social Work, 1981, Vol. 4, 35 - 50. ISSN 0163 4372
Page in Report: 43

Population: 50+ aged, general public, North-Central Iowa, USA, 1975

Sample:

Non-Response: 11.3%

N: 2321

Correlate

Authors label: Social ties (1)

Our classification: Current total social participation, code S8.2

Measurement: Joint effect of:
1. Relatives in community (number)
2. Friends in community (number)
3. Local people known (number)
4. Organizational memberships (number)
5. Community attachement (attitude)

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-SLW/c/sq/v/5/d	R^2=.11 p<.001	

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study GRANE 1973B

Reported in: Graney, M.J. ;Graney, E.E.
Scaling Adjustment in Older People.
International Journal of Aging and Human Development, 1973, Vol. 4, 351 - 359. ISSN 0091 4150
Page in Report: 357

Population: 62-89 aged females, USA, 1971

Sample:

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

N: 44

Correlate

Authors label: Personal adjustment. (2)

Our classification: Current total social participation, code S8.2

Measurement: Degree of correspondence between orientation towards social participation and actual social participation mode.

1. Orientation towards social participation was measured by the adapted Dye (1963) Localism - Cosmopolitan Scale (see S 4.5, GRANE 1973A).

2. Actual social participation was measured by 9 social communications activities, which were arrayed according to their degree of 'cosmo-politan characteristics of the people who are (in)active in them: -'cosmopolitan' mode of social

participation defined as: visiting neighbours, friends and relatives and reading.
-'intermediate' mode of social participation defined as: church attendance, television viewing, and number of memberships in voluntary associations.
-'local' mode of social participation defined as: radio-listening, telephone use, and participation in voluntary associations.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
A-BB/cm/mq/v/2/a	tb=-.02 ns	

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study — MATIK 2002

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

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

Sample: Non-probability purposive sample

Non-Response: 15%

N: 376

Correlate

Authors label: Personal Control (2)

Our classification: Current total social participation, code S8.2

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

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

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

Measured Values: M= 80.54, SD=23.47

Error Estimates: Alpha=+.68

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

Observed Relation with Happiness

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

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study MATIK 2002

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

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

Sample: Non-probability purposive sample

Non-Response: 15%

N: 376

Correlate

Authors label: Participation(2)

Our classification: Current total social participation, code S8.2

Measurement: Report of proxy, usually a staff member who knew the subject well on 7 questions:

1 Does the person go outside the home ot work, study or do some daily activity three or more days a week?
2 Does the person take part in any hobby activities on a regular basis?
3 Can the person attend cultural events of his/her choice at least once a month?
4 Has the person been given information on sports and recreational opportunities suited to him/her?
5 Does the person do household chores?
6 Does the person go shopping for food or clothes, or visit the bank or post office at least twice a month?
7 Does the person take part at least once a month in activities in which there are also people who do not have Intellectual difficulty

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

Measured Values: M=79.47, SD=18.55

Error Estimates: Alpha=+.74

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

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-HL/u/sq/v/2/a	T=-1.9 p<.10	Mean activity level: Not happy: 74.52(SD=20.73) Happy : 80.20(SD=18.13)

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study MILLE 1991

Reported in: Miller, M.L.; Moen, P.; Dempster-McClain, D.
Motherhood, Multiple Roles and Maternal Well-Being: Women of the 1950s.
Gender and Society, 1991, Vol. 5, 565 - 582. ISSN 0891 2432
Page in Report: 574

Population: White married mothers with children under age 13, USA 1956

Sample: Probability stratified sample

Non-Response:

N: 356

Correlate

Authors label: Social integration

Our classification: Current total social participation, code S8.2

Measurement:
```
Number of roles beyond that of wife and mother:
- paid worker
- club member
- religious member
- friend
- neighbor
- relative
Rated: yes/no
```

Measured Values: M = 4,11, SD = 1,05

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
M-CO/*/mq/v/3/a	Beta=+.20 p<.001	Betas controlled for: - age - education - husband's occupation (professional or not) - life-cycle stage (chlid < 6 years or not) - number of children
M-CO/*/mq/v/3/a	Beta=+.24 p<.001	Additional control for employment (paid work omitted from list of roles)
M-CO/*/mq/v/3/a	Beta= ns	Unaffected by interactions between - roles/employment - roles/ husband's occupation - employment/husbands occupation
M-CO/*/mq/v/3/a	Beta= ns	Squared roles: To test for curvi-linearity life satisfaction was regressed on the square of the number of roles, controlling for individual and structural variables and number of roles
M-CO/*/mq/v/3/a	Beta= ns	To assess whether the number of roles or one role in particular mattered most, each role was entered separately into a regression equation along with with the control variables and a summary measure of other roles. No single role proved statistically significant, while the contribution of the number of roles remained significant

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study PALIS 1985C

Reported in: Palisi, B.J.
Formal and Informal Participation in Urban Areas.
Journal of Social Psychology, 1985, Vol. 125, 429 - 477. ISSN 0022 4545
Page in Report: 440

Population: Males, metropolitan areas: London, Los Angeles and Sydney, 1977-80

Sample:

Non-Response: 67%

N: 752

Correlate

Authors label: Combined interactionscale (1)

Our classification: Current total social participation, code S8.2

Measurement: Summed scores for attending voluntary associations, visiting kin, and visiting friends. Each variable was rated on a sixpoint scale ranging from daily to never.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
M-FH/cm/sq/v/4/a	r=+.13 p<.05	London: rpc=+.05
M-FH/cm/sq/v/4/a	r=+.16 p<.01	Los Angeles: rpc=+.18
M-FH/cm/sq/v/4/a	r=+.09 p<.01	Sydney: rpc=+.11 rpc controled for age, education and occupation

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Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study PALIS 1985C

Reported in: Palisi, B.J.
Formal and Informal Participation in Urban Areas.
Journal of Social Psychology, 1985, Vol. 125, 429 - 477. ISSN 0022 4545
Page in Report: 441

Population: Males, metropolitan areas: London, Los Angeles and Sydney, 1977-80

Sample:

Non-Response: 67%

N: 752

Correlate

Authors label: Social relationship variables (1)

Our classification: Current total social participation, code S8.2

Measurement:

1. Visiting kin
2. Voluntary association memberships
3. Paralled companionship
4. Joint companionship
5. Visiting friends
6. Discussions with friends
7. Discussions with immediate kin
8. Voluntary association attendance
9. Discussions with kin

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
M-FH/cm/sq/v/4/a	R^2=.12 ns	Los Angeles
M-FH/cm/sq/v/4/a	R^2=.15 ns	Sydney
M-FH/cm/sq/v/4/a	R^2=.08 ns	London

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study PALMO 1972

Reported in: Palmore, E.B.; Luikart, C.
Health and Social Factors Related to Life Satisfaction.
Journal of Health and Social Behavior, 1972, Vol. 13, 68 -80. ISSN 0022 1465
Page in Report: 70-72

Population: 46+ aged, whites, North Carolina, USA, 1968

Sample: Probability stratified sample

Non-Response:

N: 502

Correlate

Authors label: Social activity. (2)

Our classification: Current total social participation, code S8.2

Measurement: Number of hours spent during the last typical week attending a sports event, church or other meetings, lectures, or concerts; doing volunteer work for church, other organizations, or relatives; visiting, telephoning, or writing friends or relatives; parties, eating out, or entertaining.

Measured Values: Actual range 0-34 M= 9.9 SD=6.3

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
C-BW/c/sq/l/10/c	r=+.09	All.
C-BW/c/sq/l/10/c	r=+.17 p<.05	Men.
C-BW/c/sq/l/10/c	Beta=+.03 p<.05	Men. Step wise multiple regression: selfrated health R= +.44 org. activity B1=+.46 confident B2=+.48 performance status B3=+.49 employment B4=+.50 social activity B5=+.51 All variables p<.05

Correlational finding on Happiness and Current total social participation Subject code: S8.2

Study PALMO 1972

Reported in: Palmore, E.B.; Luikart, C.
Health and Social Factors Related to Life Satisfaction.
Journal of Health and Social Behavior, 1972, Vol. 13, 68 -80. ISSN 0022 1465
Page in Report: 70

Population: 46+ aged, whites, North Carolina, USA, 1968

Sample: Probability stratified sample

Non-Response:

N: 502

Correlate

Authors label: Social contacts. (1)

Our classification: Current total social participation, code S8.2

Measurement: Number of reported voluntary visits or telephone conversations with children, close relatives, close friends, neighbors; and number of religious services or other meetings; during one month.

Measured Values: Actual range 1- 306 M= 101.4 SD=59.9

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
C-BW/c/sq/l/10/c	r=+.01 ns	

Correlational finding on Happiness and Current total social participation Subject code: S8.2

Study PALMO 1977

Reported in: Palmore, E.B.;Kivett, V.
Change in Life Satisfaction: A Longitudinal Study of Persons Aged 46 - 70.
Journal of Gerontology, 1977, Vol. 32, 311 - 316. ISSN 0022 1422
Page in Report: 313

Population: 46+ aged whites, followed 2 years, USA, 1968-1972/74

Sample: Probability stratified sample

Non-Response:

N: 378

Correlate

Authors label: social activity hours (1)

Our classification: Current total social participation, code S8.2

Measurement: Number of hours spent during the last typical week "attending a sports event such as baseball or football games; attending church or other meetings; lectures or concerts; doing volunteer work for church, other organizations or relatives; visiting, telephoning or writing friends or relatives; parties, eating or entertaining".

Assessed at T1: 1968/70.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
C-BW/c/sq/l/10/c	r=+.11 p<.05	T1 social act. hours by T1 life satisfaction.
C-BW/c/sq/l/10/c	Beta=+.06 ns	Multiple regression. Dependent T1 life satisfaction. selfrated health sexual enjoyment soc. act hours org. activity productive hours

---

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study PHILL 1967A

Reported in: Phillips, D.L.
Social Participation and Happiness.
American Journal of Sociology, 1967, Vol. 72, 479 - 488. ISSN 0002 9602
Page in Report: 483-484

Population: Adult, general public, New Hampshire, USA, 196?

Sample:

Non-Response: -

N: 600

Correlate

Authors label: Social participation (1)

Our classification: Current total social participation, code S8.2

Measurement: 3-item index of closed questions on frequency of contacts with friends, number of neighbors known and organizational activity.

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*

O-HL/u/sq/v/3/a G=+.32

Males : G = +.73
Females : G = +.22

Catholics : G = +.40
Protestants : G = +.23

Age 21 - 34 : G = +.17
Age 35 - 49 : G = +.22
Age 50+ : G = +.47

Low education : G = +.40
Medium education: G = +.33
High education : G = +.01

Low S.E.S. : d = +.30
Mediuwm S.E.S. : d = +.14
High S.E.S. : d = +.03

When elaborated for S.E.S. and age:
- smallest relationship (d = +.06) among those of age 21-49 and high S.E.S.
- strongest relationship (d = +.39) among those of age 50+ and medium or low S.E.S.

In the different S.E.S.-groups unaffected by sex and religous affiliation (see PHILL 1969, p. 17).

Mentally well Ss: G' = +.28 (01)
Mentally ill Ss: G' = +.32 (05)
(see PHILL 1967, p.289)

A-BB/cm/mq/v/2/a G= +

Index of Positive Affects : G = +.32
Index of Negative Affects : G = -.08

Males : Positive affect: G = +.41
: Negative affect: G = +.17
Females : Positive affect: G = +.27
: Negative affect: G = +.00

Catholics : Positive affect: G = +.39
: Negative affect: G = -.01
Protestants : Positive affect: G = +.27
: Negative affect: G = -.07

Age 21 - 34 : Positive affect: G = +.15
: Negative affect: G = -.01
Age 35 - 49 : Positive affect: G = +.27
: Negative affect: G = -.53
Age 50+ : Positive affect: G = +.50
: Negative affect: G = +.16

Low education : Positive affect: G = +.37
: Negative affect: G = -.16
Medium education : Positive affect: G = +.09
: Negative affect: G = +.08
High education : Positive affect: G = +.40
: Negative affect: G = -.03

Low S.E.S. : Positive affect: d = +.41
: Negative affect: d = +.15

```
Medium S.E.S.       : Positive affect: d = +.16
                    : Negative affect: d = -.09
High S.E.S.         : Positive affect: d = +.08
                    : Negative affect: d = -.11

When elaborated for S.E.S. and age:
- Smallest relationship with positive affect
  (d = +.04), and strongest negative relationship
  with negative affect (d = -.12) among those of
  age 21-49 and high S.E.S.
- Strongest relationship with positive affect
  (d = +.33) and strongest positive relationship
  with negative affect (d = +.08) among those of
  age 50+ and medium or low S.E.S.
In the different S.E.S.-groups unaffected by sex
and religious affiliation (See PHILL 1969, p. 10)
```

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study RENNE 1974

Reported in: Renne, K.S.
Measurement of Social Health in a General Population Survey.
Social Science Research, 1974, Vol. 3, 25 - 44. ISSN 0049 089X
Page in Report: 42

Population: 20+ aged, general public, Alameda County, California, USA, 1965

Sample:

Non-Response: 14%

N: 6928

Correlate

Authors label: Social health (1)

Our classification: Current total social participation, code S8.2

Measurement:
```
Index containing:
- employability (including educational
  level, occupational level, and job
  stability)
- marital satisfaction
- sociability (including number of
  close relatives and friends, and
  frequency of contacts)
- community involvement (including
  church attendance, political activi-
  ty, and organizational memberships)
```

Remarks: Level of happiness in average ridits (RT)

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
A-BB/g/mq/v/3/d	DMr=+ p<.05	1:First quartile (low health) RT= .38 2:Second quartile RT= .49 3:Third quartile RT= .55 4:Fourth quartile (high health) RT= .64 Ridit analysis compares the distribution in a category with the distribution in the entire sample. RT above .50 means relatively high happiness, RT below .50 relatively low. (Original values substracted from 1 by ns in order to indicate higher happiness by higher values).

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study ROSEN 1992

Reported in: Rosenfield, S.
Factors Contributing tot the Subjective Quality of Life of the Chronic Mentally Ill
Journal of Health and Social Behavior, 1992, 33, 299-315, ISSN 0022 1465
Page in Report: 304, 307, 309

Population: 20-70 aged, chronic mental patients, USA, 1989

Sample: Non-probability purposive sample

Non-Response: 7%

N: 157

Correlate

Authors label: Structure of activities - services recieved

Our classification: Current total social participation, code S8.2

Measurement: Selfreport on questions whether (or not) one received this type of services in the last month concerning the:
a: number of days per week at the Club
b: number of hours per week at the club
c: attendance in area meetings
d: number of hours per week in task
e: attendance in Club recreation
f: attendance in other recreation
g: time spent in leisure activities
h: time spent socializing

Options:
0: no
1: yes

Error Estimates: Test-Retest reliability .69

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-DT/u/sqt/v/7/a	Beta=+.09 ns	Number of days per week at the club
O-DT/u/sqt/v/7/a	Beta=+.14 ns	Number of hours per week at the club
O-DT/u/sqt/v/7/a	Beta=-.10 ns	Attendance in area meetings
O-DT/u/sqt/v/7/a	Beta=+.06 ns	Number of hours per week in task
O-DT/u/sqt/v/7/a	Beta=-.10 ns	Attendance in Club recreation
O-DT/u/sqt/v/7/a	Beta=+.29 p<.01	Time spent in leisure activities
O-DT/u/sqt/v/7/a	Beta=-.08 ns	Attendance in other recreation
O-DT/u/sqt/v/7/a	Beta=-.01 ns	Time spent in socializing

O-DT/u/sqt/v/7/a	Beta=+.05 ns	Any of the above services (vs none)
		
		Beta's controlled for:
		- Background characteristics
		  - age
		  - sex
		  - education
		  - race
		- Clinical characteristics of positive and negative symptoms
		- Functioning in terms of:
		  - daily living skills
		  - vocational skills
		  - social skills
		- need for structure
		- need for supervision
		- social contacts

Correlational finding on Happiness and Current total social participation
Subject code: S8.2

Study — VENTE 1995

Reported in: Ventegodt, S.
Livskvalitet i Danmark. (Quality of Life in Denmark).
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017 http://www.livskvalitet.org/t1/index.asp
Page in Report: 60

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

Sample: Non-probability purposive sample

Non-Response: 39%

N: 1494

Correlate

Authors label: Social group (1)

Our classification: Current total social participation, code S8.2

Measurement:
1: Social Group I
2: Social Group II
3: Social Group III
4: Social Group IV
5: Social Group V
6: Not included in any social group

Measured Values: N: 1:88, 2;29, 3:144, 4:477, 5:191, 6:239

Remarks: (Socialeconomic group 1:entrepreneurs with at least 21 employees, higher university degree;
Social group 5:unskilled workers, Unemployed in Group 6)

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
A-AOL/m/sq/v/5/a	r=-.07 p<.01	1: Social Group I Mt=7.98 2: Social Group II Mt=7.93 3: Social Group III Mt=7.71 4: Social Group IV Mt=7.83 5: Social Group V Mt=8.04 6: Not included Mt=7.25 All Mt=7.74
O-SLu/c/sq/v/5/e	r=-.06 p<.05	1: Social Group I Mt=7.59 2: Social Group II Mt=7.85 3: Social Group III Mt=7.60 4: Social Group IV Mt=7.40 5: Social Group V Mt=7.50 6: Not included Mt=7.13 All Mt=7.44
O-HL/c/sq/v/5/h	r=-.05 ns	1: Social Group I Mt=6.85 2: Social Group II Mt=7.15 3: Social Group III Mt=7.05 4: Social Group IV Mt=6.98 5: Social Group V Mt=7.25 6: Not included Mt=6.51 All Mt=6.94

Correlational finding on Happiness and Attitudes to total social participation
Subject code: S8.3

Study BRADS 2006

Reported in: Bradshaw, J.; Hoelscher, P.; Richardson, D.
Comparing Child Well-Being in OECD Countries: Concepts and Methods.
Innocenti Working Paper no. 2006-3, Unicef Research Centre, 2006, Florence, Italy. ISSN: 1014 7837
Page in Report: 4, 70-72,75

Population: 15 yearaged, 29 countries, 2001

Sample: Probability multi-stage cluster sample

Non-Response:

N: 137682

Correlate

Authors label: Feeling an outsider

Our classification: Attitudes to total social participation, code S8.3

Measurement: `Self report on single question:`
`I feel like an outsider (or left out of things)`

Measured Values: OECD countries: Austria = 5,8 Belgium = 7,9 Canada = 8,9 Czech Republic = 9,7 Denmark = 5,3 Finland = 5,5 France = 7,7 Germany = 6,1 Greece = 6,3 Hungary = 9,3 Ireland = 5,6 Italy = 4,9 Netherlands = 3,9 Norway = 5,6 Poland = 8,2 Portugal = 6,4 Spain = 3,3 Sweden = 5,2 Switzerland = 7,1 United Kingdom 6,8 United States = NA . Average of OECD countries: 6,4 %, SD = 1,7 % Non-OECD Countries: Croatia = NA Estonia = NA Israel = 2,3 Latvia = 5,2 Lithuania = NA Malta = NA Russian Federation = 6,1 Slovenia = NA

Remarks: `source: PISA 2003`

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
C-BW/c/sq/l/11/a	r=-.44 p<.05	`% happy in nation by % feeling an outsider`

Correlational finding on Happiness and Attitudes to total social participation
Subject code: S8.3

Study BRADS 2006

Reported in: Bradshaw, J.; Hoelscher, P.; Richardson, D.
Comparing Child Well-Being in OECD Countries: Concepts and Methods.
Innocenti Working Paper no. 2006-3, Unicef Research Centre, 2006, Florence, Italy. ISSN: 1014 7837
Page in Report: 70, 72, 73

Population: 15 yearaged, 29 countries, 2001

Sample: Probability multi-stage cluster sample

Non-Response:

N: 137682

Correlate

Authors label: Feeling awkward and out of place

Our classification: Attitudes to total social participation, code S8.3

Measurement: Self report on single question:
I feel awkward and out of place
- disagree
- agree

Measured Values: OECD countries: Austria = 8,2, Belgium = 15,6, Canada = 10,5 Czech Republic = 6,4 Denmark = 11,8 Finland = 8,4 France = 12,3 Germany = 11,4 Greece = 8,3 Hungary = 7,6 Ireland = 7,8 Italy = 6,2 Netherlands = 6,9 Norway = 9,1 Poland = 9,9 Portugal = 11,7 Spain = 8,9 Sweden = 4,9 Switzerland = 11,7 United Kingdom 8,7 United States = NA Average of OECD countries: 6,4 %, SD = 1,7 % Non-OECD Countries: Croatia = NA Estonia = NA Israel = 3,6 Latvia = 9,6 Lithuania = NA Malta = NA Russian Federation 14,3 Slovenia NA

Remarks: Data: PISA 2003

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
C-BW/c/sq/l/11/a	r=-.10 ns	% happy in nation by %feeling awkward

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Correlational finding on Happiness and Satisfaction with social participation
Subject code: S8.3.2

Study LANCE 1989

Reported in: Lance C.E.,;Lautenschlager J.; Sloan C.E.; Varca P.E.
A Comparison Between Bottom-Up, Top-Down, and Bidirectional Models of Relationships Between Global and Life Facet Satisfaction.
Journal of Personality,1989 , Vol. 57, 601 - 624. ISSN 0022 3506
Page in Report: 608, 610

Population: Married academics, university of Georgia, USA, 1984

Sample: Non-probability accidental sample

Non-Response: 62%

N: 134

Correlate

Authors label: Satisfaction with social activities

Our classification: Satisfaction with social participation, code S8.3.2

Measurement: Self report on 2 questions:
A: How satisfied are you with your friends?
B: How satisfued are you with your social life?

Rated: 1= very diiatisfied to 5= very satisfied

Measured Values: Mean 7,51 SD 1,93

Error Estimates: Coefficient alfa = .83

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
O-SLu/u/sq/n/5/a	r=+.62 p<.01	
O-SLu/u/sq/n/5/a	B=+.14	Bottom up effect

Set Image size: + -

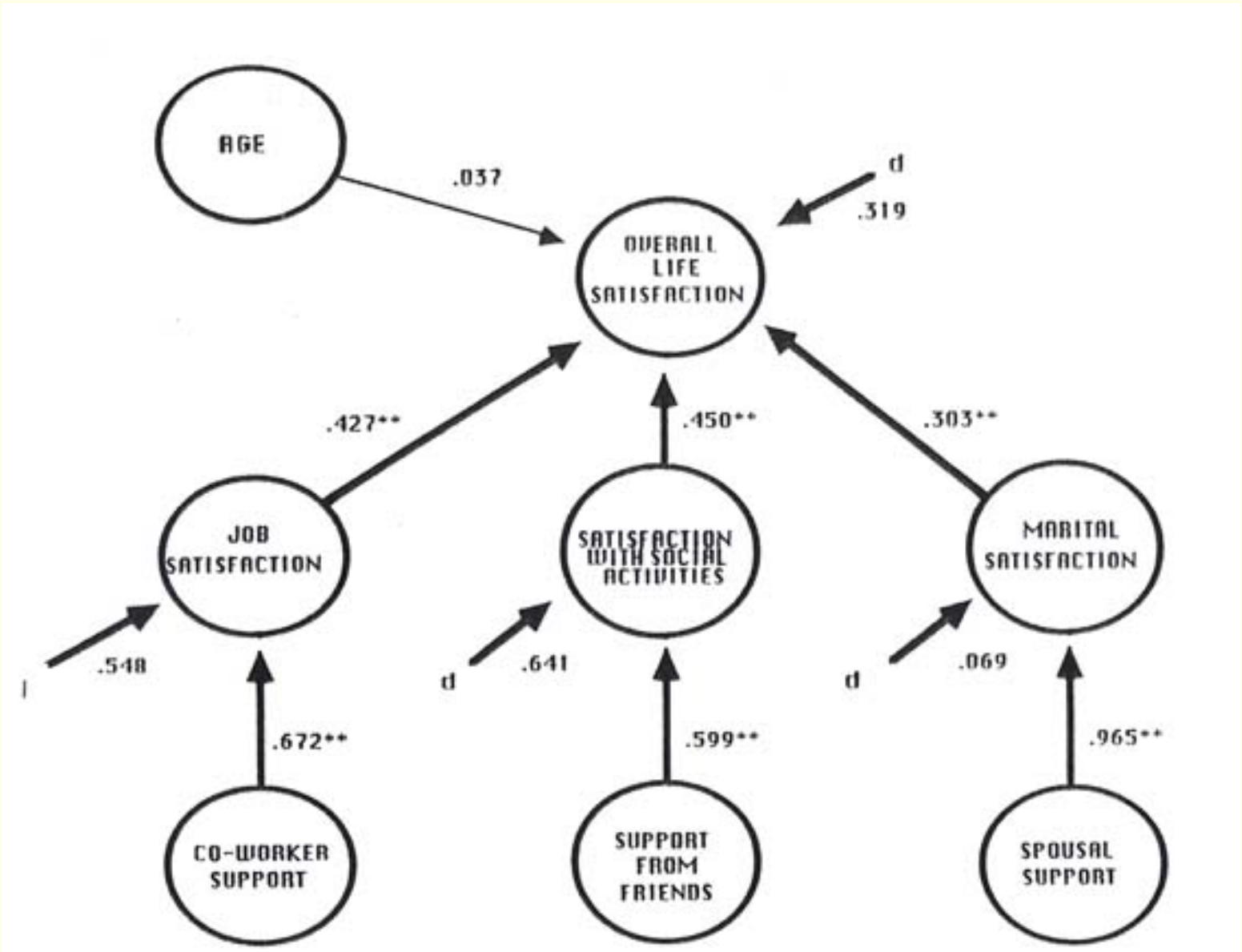


Figure 1
Bottom-Up Model

Bottom-up Model

Note. Standardized model parameter estimates and residual variances (*d*s) are shown. Broad (narrow) arrows indicate significant (nonsignificant) parameter estimates.
*$p < .05$
**$p < .01$.

O-SLu/u/sq/n/5/a B=+.57

Top down effect

B's estimated in a Lisrel model with
-age
-job satisfaction
-marital satisfaction

Set Image size: + -

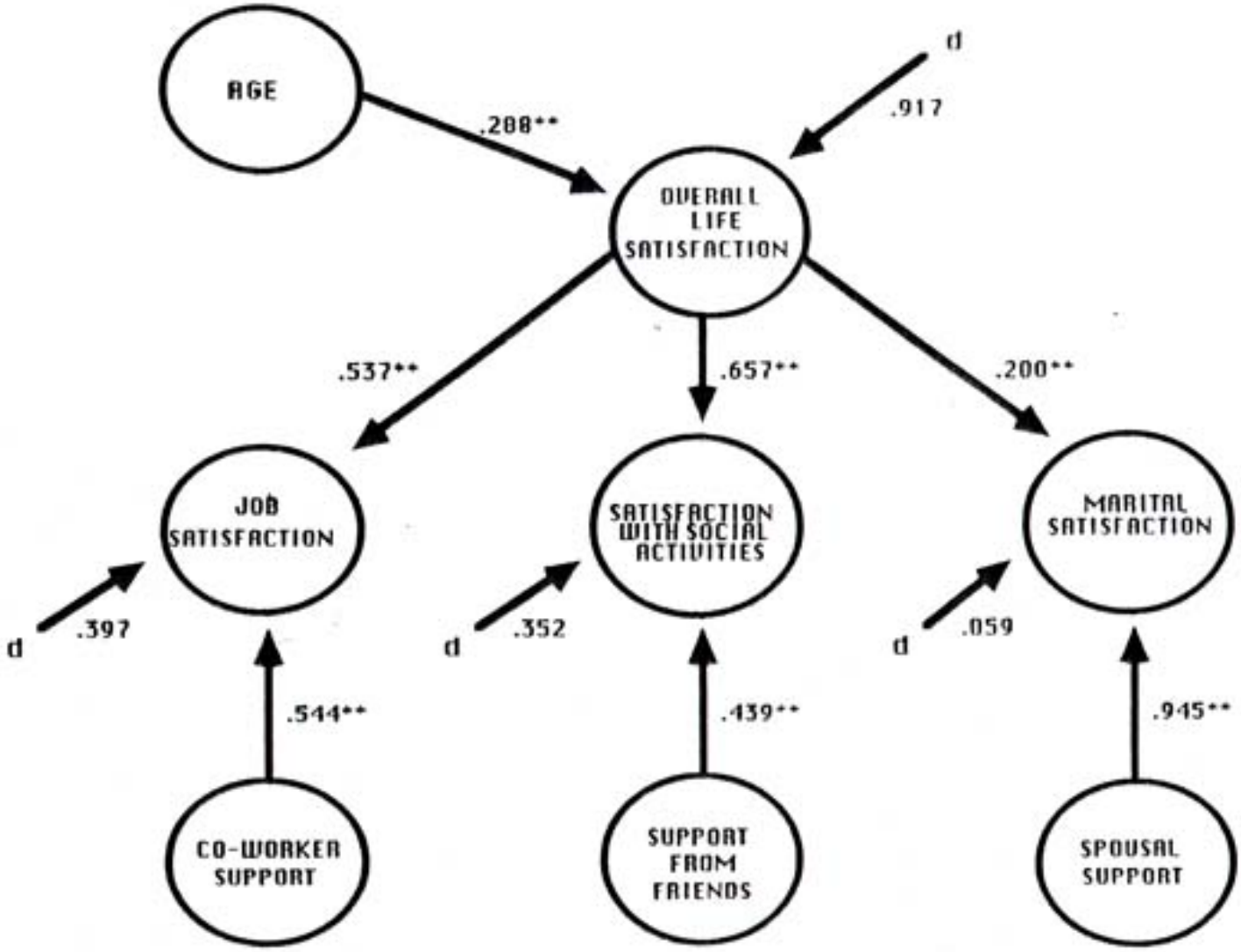


Figure 2

Figure 2
Top-Down Model

Note. Standardized model parameter estimates and residual variances (*d*s) are shown. Broad (narrow) arrows indicate significant (nonsignificant) parameter estimates.
*$p < .05$
**$p < .01$.

O-SLu/u/sq/n/5/a

Set Image size: + -

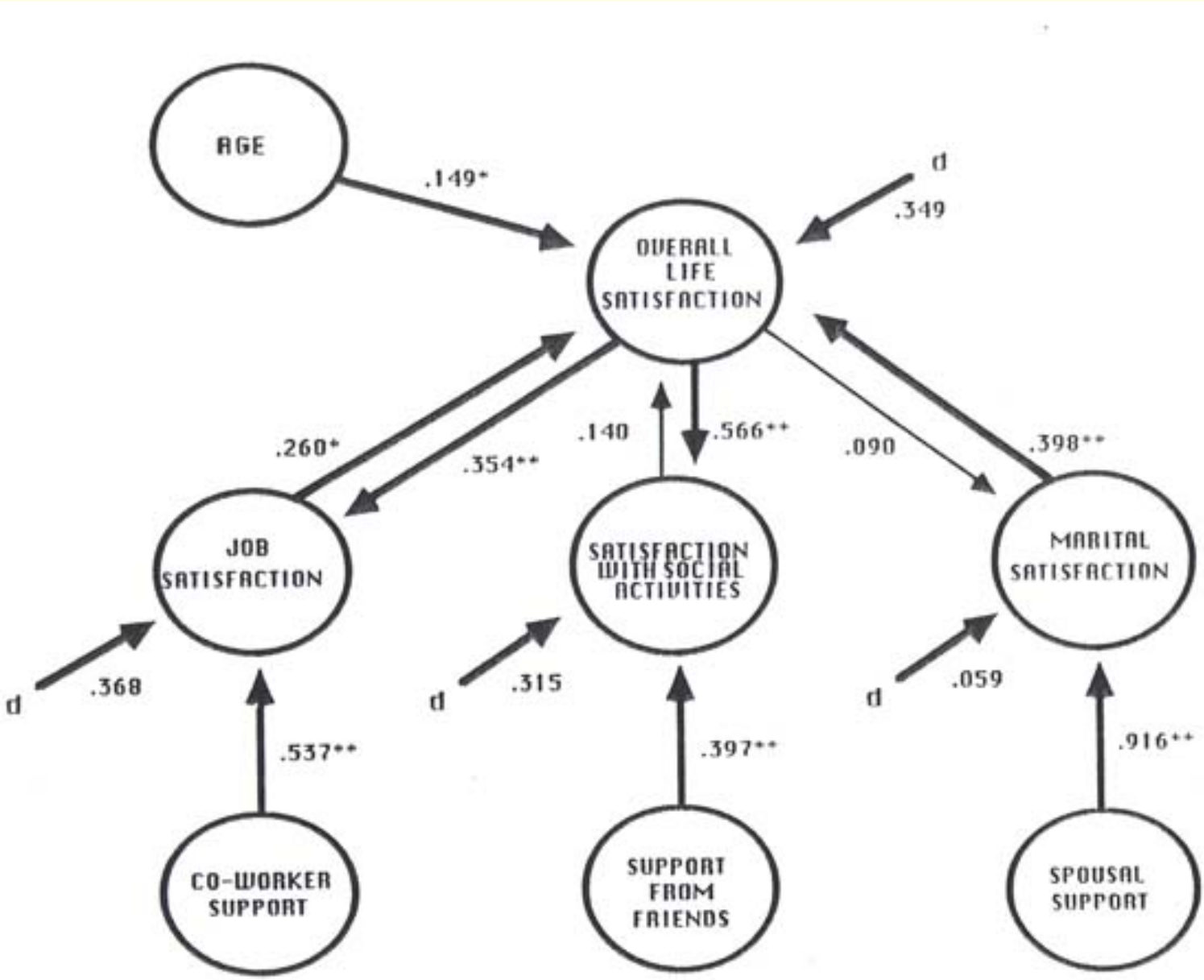


Figure 3
Bidirectional Model

Figure 3
Bidirectional Model

Note. Standardized model parameter estimates and residual variances (*ds*) are shown. Broad (narrow) arrows indicate significant (nonsignificant) parameter estimates.
*$p < .05$
**$p < .01$.

Correlational finding on Happiness and Satisfaction with social participation
Subject code: S8.3.2

Study LEVY 1975/2

Reported in: Levy, S.; Guttman, L.
On the Multivariate Structure of Well-Being.
Social Indicators Research, 1975, Vol. 2, 361 - 388. ISSN 0303 8300. DOI:10.1007/BF00293253
Page in Report: 373

Population: 18+ aged, general public, urban areas, Israel, 1973

Sample:

Non-Response: -

N: 1830

Correlate

Authors label: Satisfaction with social group (1)

Our classification: Satisfaction with social participation, code S8.3.2

Measurement: `Direct closed question`

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
A-AOL/c/sq/v/4/b	mc=+.34	
O-HL/c/sq/?/6/a	mc=+.43	

Correlational finding on Happiness and Satisfaction with social participation
Subject code: S8.3.2

Study

SCHUL 1985B

Reported in: Schulz, W.; Költringer, R.; Norden, G.; Tüchler, H.
Lebensqualität in Osterreich. (Quality-of-Life in Austria).
Research paper nr 10/1, Institut für Soziologie, University of Vienna, 1985, Austria
Page in Report: 27,49

Population: Adults, non-institutionalized, Austria, 1984

Sample:

Non-Response: ?

N: 1776

Correlate

Authors label: Satisfaction with social involvement (1)

Our classification: Satisfaction with social participation, code S8.3.2

Measurement: Seven item index of direct questions on satisfaction with social involvement during the last 14 days. The summed scores were afterwards divided into 3 strata, i.e. low, medium and high

---

Observed Relation with Happiness

Happiness Measure	*Statistics*	*Elaboration/Remarks*
M-AO/c/mq/*/0/a	r=+.34 p<.05	
O-Sum/c/mq/v/5/a	r=+.34 p<.05	All
M-AO/c/mq/*/0/a	Beta=+.13 p<.05	ß controlled for: satisfaction with physical health, material satisfaction, satisfaction with partner, satisfaction with self realisation, satisfaction with work (positive), satisfaction with work (negative), and satisfaction with leisure time.
O-Sum/c/mq/v/5/a	Beta=+.08 p<.05	
O-Sum/c/mq/v/5/a	Beta=*	- with partner, with work
O-Sum/c/mq/v/5/a	Beta=*	- with partner, without work
O-Sum/c/mq/v/5/a	Beta=-.26	- no partner, with work

O-Sum/c/mq/v/5/a	Beta=*	- no partner, without work
O-Sum/c/mq/v/5/a	Beta=*	- Age < 25
O-Sum/c/mq/v/5/a	Beta=+.14	- Age 26-40
O-Sum/c/mq/v/5/a	Beta=+.16	- Age 41-59
O-Sum/c/mq/v/5/a	Beta= ns	- Age > 60
O-Sum/c/mq/v/5/a	Beta=*	- < 6.000 income in Austrian Shill/month
O-Sum/c/mq/v/5/a	Beta=*	- 6.000-10.000
O-Sum/c/mq/v/5/a	Beta=+.13	- 10.000-16.000
O-Sum/c/mq/v/5/a	Beta=*	- > 16.000
O-Sum/c/mq/v/5/a	Beta=+.19	- monotonous work
O-Sum/c/mq/v/5/a	Beta=*	- some selfcontrol
O-Sum/c/mq/v/5/a	Beta=+.22	- much selfcontrol

All ß's controlled for satisfaction in six other domains of life (physical health, partner, income, selfrealization, work, leisure).
*=N too small

Appendix 1: Happiness Items used

Happiness Item Code	*Full Text*
A-AOL/c/sq/v/4/b	Selfreport on single closed question: "How is your mood these days....?" 4 very good all the time 3 2 1 not good almost all the time

A-AOL/g/sq/v/3/b

Selfreport on single question :

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

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

Single direct question:

How are you feeling now....?
5 very good
4 good
3 neither good nor poor
2 poor
1 very poor

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

Selfreport on 10 questions:

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

Selfreport on 9 questions:

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

How often last week did you feel .....?
A On the top of the world
B Very lonely or remote from other people
C Particularly excited or interested in something
D Depressed or very unhappy
E Pleased about having accomplished something
F Bored
G Proud because someone complimented you on something you had done
H So restless you couldn't sit long in a chair
I Vaguely uneasy about something without knowing why

Answer options:
0 not at all
1 once
2 several times

3 often

Summation:
Positive Affect Score (PAS): summed scores on A, C, E, G
Negative Affect Score (NAS): summed scores on B, D, F, H, I
Affect Balance Score (ABS): PAS minus NAS

Possible range: -15 tot +12

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

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

Selfreport on 10 questions:

We are interested in how people are feeling these days. The following items describe some of the ways people feel at different times. Please indicate how often you felt each way during the last week
A Pleased about having accomplished something.
B That things were going my way.
C Proud because someone complimented me on something I had done.
D Particularly excited or interested in something I had done.
E On top of the world.
F Upset because someone criticized you
G So restless that you could not sit long in a chair
H Bored
I Very lonely or remote from other people
J Depressed or very unhappy

Answer options:
0 not at all
1 once
2 several times
3 often

Summation:
- Positive Affect Score (PAS): Average A to E
- Negative Affect Score (NAS): Average F to J
- Affect Balance Score (AB): PAS minus NAS
Possible range: -25 to +25

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

A-BB/g/mq/v/3/d

Selfreport on 7 questions:

"Here is a list that describes how people feel at different times.
How often do you feel each of these ways?

A
B
C
D
E
F
G
items not reported.

Response options;
- never
- sometimes
- often

Scoring:
- Positive Affect Score (PAS): sum 3 positive item
- Negative Affect Score (NAS): sum 4 negative items

- Affect Balance Score (ABS): PAS - NAS

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

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

Selfreport on 8 questions:

"Here is a list that describes some of the ways people feel at different times. How often do you feel each of these ways?"

A Very lonely or remote from other people
B Depressed or very unhappy
C Bored
D So restless you couldn't sit long in a chair
E Vaguely uneasy about something without knowing why
F On top of the world
G Particularly excited or interested in something
H Pleased about having accomplished something

Answer options:
0 never
1 sometimes
2 often

Summation:
Positive Affect Score (PAS): summed scores on F, G, H
Negative Affect Score (NAS): summed scores on A, B, C, D, E
Affect Balance Score (ABS): PAS minus NAS

Possible range -10 to +6 (transformed to ridits (0 - 1))

Name: Bradburn's `Affect Balance Scale' (modified variation)

C-BW/c/sq/l/10/c

Selfreport on single question:

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

[9] best possible life for you
[8]
[7]
[6]
[5]
[4]
[3]
[2]
[1]
[0] worst possible life for you

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

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

Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of
the ladder represents the best possible life for you and the
bottom represents the worst possible life for you. Where on the ladder do you feel you personally stand at the present time?"
[10] best possible life
[9]
[8]
[7]
[6]
[5]
[4]
[3]
[2]
[1]
[0] worst possible life

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

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

M-AO/c/mq/*/0/a

Selfreport on 4 questions:

A For the past five years, how much have you accomplished of what you planned in your life?
1 completely failed
2
3
4
5
6
7 completely accomplished
B How much are you satisfied with your life as a whole these days?
1 completely dissatisfied
2
3
4
5
6
7 completely satisfied
C How much do you enjoy your life these days?
3 a great deal
2 a fair amount
1 not very much
D How happy have you been for the past five years?
1 completely unhappy
2
3
4
5
6
7 completely happy

Summation: % positive answers

Response options A, D and C not reported in full detail

M-CO/*/mq/v/3/a

Selfreport on 3 questions:

A
How often do you find yourself feeling disappointed about the ways things have turned out for you?
1 often
2 sometimes
3 hardly ever

B
All in all, how much happiness would you say you find in your life today?
1 almost none
2 some
3 a good deal

C
On the whole, how satisfied would you say you are with your life today?
1 not very satisfied
2 fairly satisfied
3 very satisfied

Summation: A+B+C/3

M-FH/cm/sq/v/4/a

Selfreport on single question:

".....happiness during past few weeks....."
(Full lead not reported)
4 very happy
3
2
1 not too happy

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

Selfreport on single question, asked twice in interview:

How do you feel about your life as a whole.....?
7 delighted
6 pleased
5 mostly satisfied
4 mixed
3 mostly dissatisfied
2 unhappy
1 terrible

Summation: arithmetic mean

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

O-HL/c/sq/?/6/a

Selfreport on single question:

"Generally speaking, are you happy these days.....?"
6 very happy
5
4
3
2
1 very unhappy
(Response options not fully reported)

O-HL/c/sq/v/3/aa	Selfreport on single question: Taken all together, how would you say things are these days? Would you say that you are....? 3 very happy 2 pretty happy 1 not too happy
O-HL/c/sq/v/3/bc	Selfreport on single question: All in all, how much happiness do you find in life today....? 1 almost none 2 some but not very much 3 a good deal
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/u/sq/v/2/a	Selfreport on single question: Are you happy with your life? 2 yes 1 no - don't know
O-HL/u/sq/v/3/a	Selfreport on single question: "Taking all together: how happy would you say you are? Would you say you are.....?" 3 very happy 2 pretty happy 1 not too happy
O-HL/u/sq/v/4/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-SLL/c/sq/v/4/c	Selfreport on single question: On the whole, how satisfied would you say you are with your way of life today? Would you say you are.....? 4 very satisfied 3 fairly satisfied 2 not very satisfied 1 not at all satisfied

O-SLL/c/sq/v/5/e

Selfreport on single question:

'On the whole, how satisfied would you say you are with your way of life today?'
1 not satisfied at all
2
3
4
5 very satisfied
(labels of response-options 2, 3 and 4 not reported)

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

Selfreport on single question:

"All in all, how satisfied are you with your life these days.....?"
1 very dissatisfied
2
3
4
5
6
7 very satisfied

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-SLu/u/sq/n/5/a

Selfreport on single question:

How satisfied are you with your life in general?
1 very dissatisfied
2
3
4
5 very satisfied

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

Selfreport on single question:

We have talked about various parts of your life, now I want to ask you about your life as a whole. How satisfied are you with your life as a whole these days.....?
7 completely satisfied
6
5
4 neutral
3
2
1 completely dissatisfied

O-SLW/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/sq/v/5/t

Selfreport on single question:

How would you describe your satisfaction with life in general at present.....?
1 bad
2 poor
3 fair
4 good
1 excellent

O-Sum/c/mq/v/5/a

Selfreport on 3 questions:

A When you consider your present life as-a-whole, would you say you are....?
5 very happy
4 fairly happy
3 rather happy than unhappy
2 rather unhappy than happy
1 very unhappy
- DK/NA

B When you consider your present life as-a-whole, would you say you are.....?
5 very satisfied
4 fairly satisfied
3 rather satisfied than dissatisfied
2 rather dissatisfied than satisfied
1 fairly dissatisfied
- DK/NA

C How do you feel right now? Is your well-being.....?
5 very high
4 high
3 moderate
2 rather low
1 very low
- DK/NA

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

Appendix 2: Statistics used

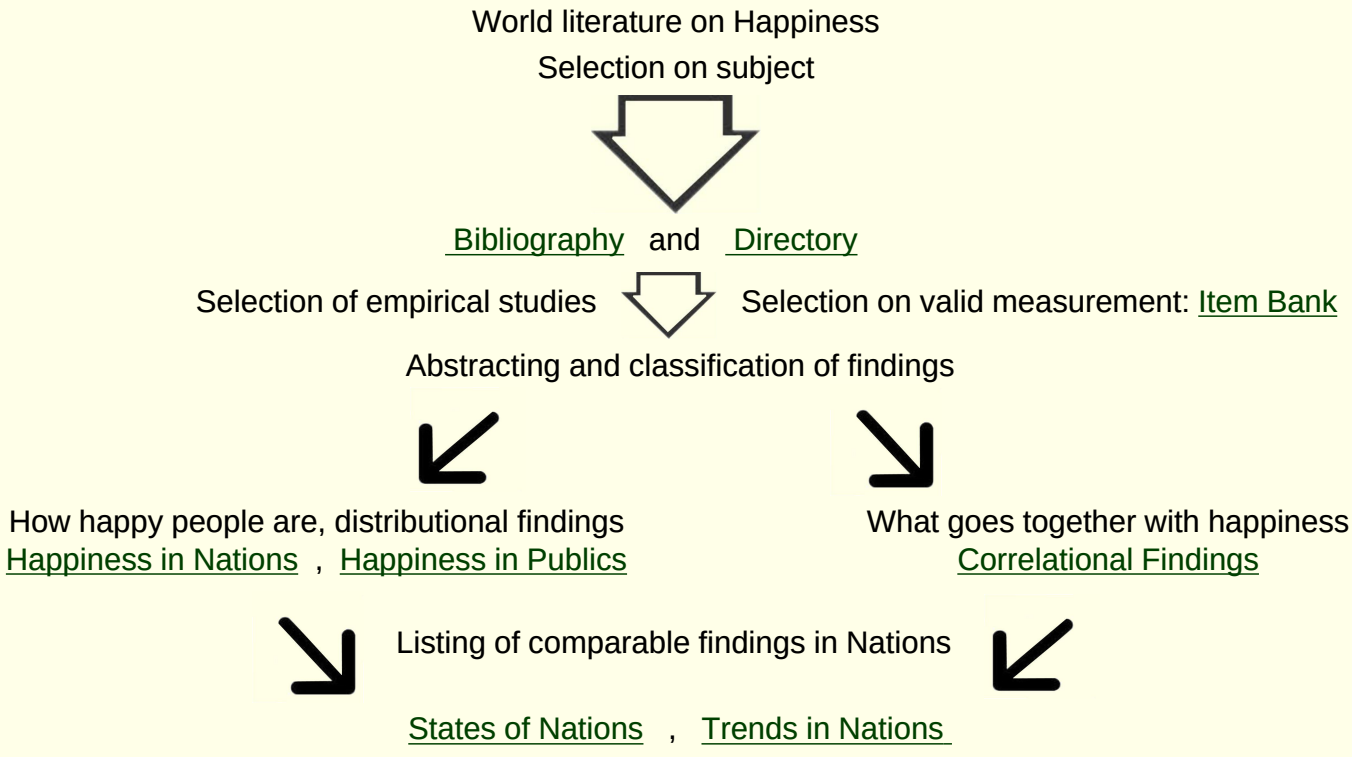
Symbol	*Explanation*
B	REGRESSION COEFFICIENT (non-standardized) by LEAST SQUARES (OLS) Type: test statistic Measurement level: Correlate: metric, Happiness: metric Theoretical range: unlimited Meaning: B > 0 A higher correlate level corresponds with, on an average, higher happiness rating. B < 0 A higher correlate level corresponds with, on an average, lower happiness rating. B = 0 Not any correlation with the relevant correlate.
Beta	(ß) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS) 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. Remark: Mean of observations is subtracted from all observations if standardized.
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.

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.
mc	Guttman's monotonicy coefficient. Range: [-1, +1]. Measurement level: Both correlate and happiness ordinal or interval Based on the multiplication of signed differences within one variable with the corresponding difference in the second variable and summation over all possible differences. Seldom used in happiness research. See excerpted report.
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.
R^2	COEFFICIENT of DETERMINATION Type: test statistic Measurement level: Correlates: all metric, Happiness: metric Range: [0; 1] Meaning: R^2 = 0 « no influence of any correlate in this study has been established. R^2 = 1 « the correlates determine the happiness completely.
T	TSCHUPROW'S T Type: test statistic. Measurement level: Correlate: nominal, Happiness: ordinal Range: [0 ; SQRT[[min(r,c)-1]/[max(r,c) -1]]], c and r being the numbers of colums resp. rows in a cross tabulation. Meaning: T = 0 « no association T -> 1 « strongest possible association. NOTE: sometimes the square value is reported instead !
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.

Appendix 3: About the World Database of Happiness

Structure of the collections

The World Database of Happiness is an ongoing register of scientific research on the subjective enjoyment of life. It brings together findings that are scattered throughout many studies and provides a basis for synthetic work.



Size of the collections
1226 Happiness measures (Item Bank)
4258 Nations surveys in 206 Nations
149 Distinguished publics in 1199 studies
12032 Correlational findings in 1196 studies

Appendix 4 Further Findings in the World Database of Happiness

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

B3	BODY	77
C1	CHILDREN	1
C2	CHILDREN: WANT FOR (Parental aspirations)	6
C3	CHILDREN: HAVING (parental status)	195
C4	CHILDREN: CHARACTERISTICS OF ONE'S CHILDREN	25
C5	CHILDREN: RELATION WITH ONE'S CHILDREN	8
C6	CHILDREN: REARING OF ONE'S CHILDREN (parental behavior)	26
C7	COMMUNAL LIVING	9
C8	CONCERNS	18
C9	COPING	43
C10	CREATIVENESS	6
C11	CULTURE (Arts and Sciences)	8
D1	DAILY JOYS & HASSLES	5
E1	EDUCATION	302
E2	EMPLOYMENT	363
E3	ETHNICITY	98
E4	EXPRESSIVE BEHAVIOR	12
F1	FAMILY OF ORIGIN (earlier family for adults, current for young)	236
F2	FAMILY OF PROCREATION	58
F3	FAMILY OF RELATIVES	157
F4	FARMING	25
F5	FREEDOM	32
F6	FRIENDSHIP	152
G1	GENDER	370
G2	GRIEF	1
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS: VIEWS ON HAPPINESS	49
H4	HAPPINESS: DISPERSION OF HAPPINESS	10
H5	HAPPINESS: CAREER	191
H6	HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES	310
H7	HAPPINESS OF OTHERS	0
H8	HAPPINESS: REPUTATION OF HAPPINESS	19
H9	HEALTH-BEHAVIOR	25
H10	HELPING	5
H11	HOPE	8
H12	HOUSEHOLD: COMPOSITION	137
H13	HOUSEHOLD: WORK	32
H14	HOUSING	106
I1	INCOME	552
I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	71
I4	INTERESTS	8
I5	INTERVIEW	73
I6	INTIMACY	103
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	206

L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	86
L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	22
L10	LOCAL ENVIRONMENT	374
L11	LOTTERY	8
L12	LOVE-LIFE	31
M1	MARRIAGE: MARITAL STATUS CAREER	64
M2	MARRIAGE: CURRENT MARITAL STATUS	543
M3	MARRIAGE: RELATIONSHIP	115
M4	MARRIAGE: PARTNER	46
M5	MEANING	23
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	218
M8	MIGRATION: TO OTHER COUNTRY	29
M9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
N1	NATION: NATIONALITY	29
N2	NATION: ERA (temporal period)	41
N3	NATION: NATIONAL CHARACTER (modal personality)	29
N4	NATION: CONDITION IN ONE'S NATION	430
N5	NATION: POSITION OF ONE'S NATION	1
N6	NATION: ATTITUDES TO ONES NATION	152
N7	NATION: LIVABILITY OF ONE'S NATION	17
N8	NATION i: ATTITUDES IN	1
N9	REGION IN NATION	59
N10	NUTRITION	23
N21	ERA	0
O1	OCCUPATION	178
O2	ORGAN TRANSPLANTATION	17
P1	PERSONALITY: HISTORY	48
P2	PERSONALITY: CHANGE	10
P3	PERSONALITY: CURRENT ORGANIZATION	7
P4	PERSONALITY: CURRENT TRAITS	462
P5	PERSONALITY: LATER	23
P6	PHYSICAL HEALTH	427
P7	PLANNING	11
P8	POLITICAL BEHAVIOUR	231
P9	POPULARITY	26
P10	POSSESSIONS	60
P11	PRISON	1
P12	PROBLEMS	25

P13	PSYCHO-SOMATIC COMPLAINTS	62
P14	PETS	3
R1	RELIGION	251
R2	RESOURCES	9
R3	RETIREMENT	89
R4	ROLES	23
S1	SCHOOL	129
S2	SELF-IMAGE	237
S3	SEX-LIFE	61
S4	SLEEP	16
S5	SOCIAL MOBILITY	17
S6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	69
S7	SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS	131
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	34
S9	SOCIO-ECONOMIC STATUS	154
S10	SOCIAL SUPPORT: RECEIVED	62
S11	SOCIAL SUPPORT: PROVIDED	6
S12	SPORTS	38
S13	STIMULANTS	49
S14	SUICIDE	8
S15	SUMMED DETERMINANTS	92
T1	TIME	53
T2	THERAPY	38
T3	TOLERANCE	37
V1	VALUES: CAREER	8
V2	VALUES: CURRENT PREFERENCES (own)	73
V3	VALUES: CLIMATE (current values in environment)	7
V4	VALUES: SIMILARITY (current fit with others)	12
V5	VICTIM	14
W1	WAR	5
W2	WISDOM	2
W3	WORK: CAREER	2
W4	WORK: CONDITIONS	68
W5	WORK: ATTITUDES	347
W6	WORK: PERFORMANCE (current)	29
W7	WORRIES	31
XX	UNCLASSIFIED	25

Appendix 5: Related Subjects

Subject		*Related Subject(s)*	
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	C11	CULTURE (Arts and Sciences)
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	P8.2.2	Political participation
S8.1	Participation career	S6.1	Contact career
S8.1	Participation career	S7.1	Participation career
S8.2	Current total social participation	S6.2	Current contacts

S8.2 Current total social participation S7.2 Current organizational participation

A report of the World Database of Happiness, Correlational Findings