

# World Database of Happiness



## Correlational Findings on Happiness and FRIENDSHIP Subject Code: F6

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

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
F6	FRIENDSHIP	0
F6.1	Friendship career	0
F6.1.1	Earlier friendships	1
F6.1.2	Change in friendships	2
F6.1.3	History of current friendships	1
F6.1.4	Later friendships	1
F6.2	Current number of friends	8
F6.2.1	Number of close friends	12
F6.2.2	Number of friends/acquaintances	1
F6.3	Current contacts with friends	30
F6.3.1	Visits to friends	5
F6.3.2	Telephone calls with friends	3
F6.3.3	Attendance of parties	2
F6.3.5	Intimate discussions	3
F6.4	Current friendship network	2
F6.4.1	Friends in community	0
F6.4.2	Friends are friends	1
F6.4.3	Married friends	1
F6.5	Current characteristics of friends	0
F6.5.1	Happiness of friends	0
F6.5.2	Similarity with friends	0
F6.6	Attitudes to friendship	2

F6.6.1	Concern about friends	1
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Appendix 4	Further Findings in the World Database of Happiness	
Appendix 5	Related Subjects	

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World Database of Happiness, Correlational Findings  
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Erasmus University Rotterdam, 2009, Netherlands

## Correlational finding on Happiness and Earlier friendships

Subject code: F6.1.1

## Study ADAMS 1988

*Reported in:* Adams, R.G.  
Which Comes First: Poor Psychological Well-Being or Decreased Friendship Activity?  
Activities, Adaptation and Aging, 1988, Vol. 12, 27 - 41  
Page in Report: 35/36

*Population:* 62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84

*Sample:*

*Non-Response:* Dropout : 27% due to incapacity, 13% refusal

*N:* 70

## Correlate

*Authors label:* Number of emotionally close friends (1)

*Our classification:* Earlier friendships, code F6.1.1

*Measurement:* Ss were first asked to list the persons they consider as friends. Next they indicated which of these are emotionally close.

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

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

r=+.17  
ns

Synchronic correlation at T1.

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

r=+.38  
p<.05

Synchronic correlation at T2.

The correlation has increased between T1 and T2 (difference in r .21).

A-BB/cm/mq/v/2/a    rpc=    Diachronic correlation: T1 emotionally close  
+ .12 ns                friends by T2 happiness, controlled for T1  
happiness.  
Rpc indicates the effect of earlier emotionally  
close friends on later CHANGE IN HAPPINESS.

A-BB/cm/mq/v/2/a    rpc=    Diachronic correlation: T1 happiness by T2  
+ .20 ns                emotionally close friends, controlled for T1  
emotionally close friends.  
Rpc indicates the EFFECT OF EARLIER HAPPINESS on  
later change of emotionally close friends.

The effect of emotionally close friends on  
happiness appears somewhat smaller than the effect  
of happiness on emotionally close friends  
(difference in rpc .08).

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## Correlational finding on Happiness and Change in friendships

Subject code: F6.1.2

### Study                      HEADE 1982/2

*Reported in:* Headey, B.; Holström, E.; Wearing, A.J.  
Australians' Priorities, Satisfaction and Well-being: Methodological Issues.  
Monograph in Public Policy Studies, nr.8, University of Melbourne, 1982, Australia  
Page in Report:

*Population:* Adults, general public, Melbourne, Australia, followed 25 months 1978-81

*Sample:* Probability sample (unspecified)

*Non-Response:* 0

*N:* 184

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### Correlate

*Authors label:* Change in satisfaction with friends

*Our classification:* Change in friendships, code F6.1.2

*Measurement:* Index of 4 single questions on satisfaction with:  
 a: The people you see socially  
 b: Your friends  
 c: The friends of opposite sex you have  
 d: How much you are accepted and included by others  
 All scored on a 1-9 D-T rating scale, summation by average.

*Remarks:* Both Happiness (ABS) and satisfaction with friends were assessed at T1 and T2 (25 month interval)

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cm/mq/v/2/a</u>	<u>Beta=</u> <u>+.20</u> <u>p&lt;.020</u>	T1-T2 CHANGE in happiness by T1-T2 CHANGE in satisfaction with friends
<u>A-BB/cm/mq/v/2/a</u>	<u>Beta=</u> <u>+.06 ns</u>	T1-T2 CHANGE in happiness by T1-T2 CHANGE in satisfaction with friends Beta controlled for satisfaction with - sex life - health - house - standard of living - self-fulfillment - leisure

## Correlational finding on Happiness and Change in friendships

Subject code: F6.1.2

**Study** POWDT 2007

*Reported in:* Powdthavee N.  
 Putting a Price Tag on Friends, Relatives, and Neighbours: Using Surveys of Life Satisfaction to Value Social Relationships  
 2008, The Journal of Socio-Economics, vol. 37, 1459-1480. ISSN:.1053 5357. DOI: 10.1016/j.socec.2007.04.004.  
 Page in Report: 36-41

*Population:* 16-65 aged, followed 6 years, Great-Britain, 1997-2003

*Sample:* Probability stratified sample

*Non-Response:* n.a.

*N:* 54424

## Correlate

*Authors label:* Change in Meeting friends and relatives

*Our classification:* Change in friendships, code F6.1.2

*Measurement:* T1-T2 change in selfreport on single question:  
How often do you meet friends or relatives who are not living with you, whether here at your home or elsewhere?  
1 never or less often than once a month  
2 once or twice a month  
3 once or twice a week  
4 on most days

Change in social network from T1 to T2  
a Remain the same  
b Increased in frequency  
c Reduced in frequency

*Measured Values:* Range= a-d:1-4 M=3,31 SD(within)=0.54 Frequencies in %: All Men Women Age<=30 Age>30 1: 2 3 2 1 3 2: 11 12 9 6 13 3: 40 42 39 31 44 4: 47 43 50 62 40

*Remarks:* Due to a small number of respondents Less often than once a month is considered as Never

T1=average 1997-2000, T2=2002

T

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>O-SLW/u/sq/n/7/e</u>	<u>DM=-</u>	NO CHANGE IN MEETINGS		
			Average change in happiness	SD      N
		1 to 1:	-.02	1,43      346
		2 to 2:	-.03	1,15      1.565
		3 to 3:	-.03	1,14      10.153
		4 to 4:	-.04	1,25      13.248

<u>O-SLW/u/sq/n/7/e</u>	<u>DM=+</u>	INCREASE IN MEETINGS		
			Average change in happiness	SD      N
		1 to 2:	+.03	1,35      316
		1 to 3:	+.06	1,34      326
		1 to 4:	+.01	1,50      234
		2 to 3:	-.03	1,21      1.739
		2 to 4:	+.01	1,26      894
		3 to 4:	+.00	1,20      5374

<u>O-SLW/u/sq/n/7/e</u>	<u>DM=-</u>	DECREASE IN MEETINGS		
			Average change in happiness	SD      N
		2 to 1:	-.05	1,30      322
		3 to 1:	-.11	1,43      332
		3 to 2:	-.05	1,16      2.008
		4 to 1:	-.26	1,33      246
		4 to 2:	-.05	1,29      949
		4 to 3:	-.04	1,21      5.675

O-SLW/u/sq/n/7/e    B=+.12    2 once or twice a month (vs. 1)  
p<.01

O-SLW/u/sq/n/7/e    B=+.14    3 once or twice a week (vs. 1)  
p<.01

O-SLW/u/sq/n/7/e

B=+.17

p<.01

4 on most days (vs. 1)

B's are estimated by means of fixed effects estimators instead of OLS.

B's controlled for:

- frequency of talking to neighbours
- gender
  
- age
- real household income
- marital status
- employment status
- look after home
- health status
- education level
- household size
- home ownership
- days spent in hospital
- number of children

Additional control variables about quality of accommodation and neighbourhood do not make a difference:

- shortage of space
- noise from neighbours
- street noise
- not enough lights
- lack of adequate heating
- condensation
- leaky roof
- damp wall, floors, etc.
- rot windows, floors, etc
- pollution/environmental problems
- vandalism or crime
- average district income

Fixed effect estimators differ significantly from OLS estimators denoting a positive inborn personality bias on the observed relationship between frequency of social contacts, income and life satisfaction

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Correlational finding on Happiness and History of current friendships  
Subject code: F6.1.3



**Study**                    **AUSTR 1984/2**

*Reported in:* Austrom, D.R.  
 The Consequences of Being Single.  
 Peter Lang Publisher, 1984, New York, USA ISBN 0 8204 0095 5  
 Page in Report: 217

*Population:* 23-59 aged English speaking, Toronto and Ontario, Canada, 198?

*Sample:*

*Non-Response:* 45%

*N:* 1038

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**Correlate**

*Authors label:* Durability of confident relationship (1)

*Our classification:* History of current friendships, code F6.1.3

*Measurement:* Single open-ended question. The respondents were asked how many years they knew one friend in particular that they confided in.

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**Observed Relation with Happiness**

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-SLW/u/sq/n/11/a</a>	<u>r=+.02</u> <u>ns</u>	

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**Correlational finding on Happiness and Later friendships**  
**Subject code: F6.1.4**

**Study**                    **ADAMS 1988**

*Reported in:* Adams, R.G.  
 Which Comes First: Poor Psychological Well-Being or Decreased Friendship Activity?  
 Activities, Adaptation and Aging, 1988, Vol. 12, 27 - 41  
 Page in Report: 35/36

*Population:* 62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84

*Sample:*

*Non-Response:* Dropout : 27% due to incapacity, 13% refusal

*N:* 70

## Correlate

*Authors label:* Number of emotionally close friends (2)

*Our classification:* Later friendships, code F6.1.4

*Measurement:* Ss were first asked to list the persons they consider as friends. Next they indicated which of these are emotionally close.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.17</u> <u>ns</u>	Synchronic correlation at T1.
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.38</u> <u>p&lt;.05</u>	Synchronic correlation at T2. The correlation has increased between T1 and T2 (difference in r .21).
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=</u> <u>+.12 ns</u>	Diachronic correlation: T1 emotionally close friends by T2 happiness, controlled for T1 happiness. Rpc indicates the effect of earlier emotionally close friends on later CHANGE IN HAPPINESS.

A-BB/cm/mq/v/2/arpc=  
+.20 ns

Diachronic correlation: T1 happiness by T2 emotionally close friends, controlled for T1 emotionally close friends.

Rpc indicates the EFFECT OF EARLIER HAPPINESS on later change of emotionally close friends.

The effect of emotionally close friends on happiness appears somewhat smaller than the effect of happiness on emotionally close friends (difference in rpc .08).

## Correlational finding on Happiness and Current number of friends

Subject code: F6.2

### Study ADAMS 1988

*Reported in:* Adams, R.G.  
Which Comes First: Poor Psychological Well-Being or Decreased Friendship Activity? Activities, Adaptation and Aging, 1988, Vol. 12, 27 - 41  
Page in Report: 35/36

*Population:* 62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84

*Sample:*

*Non-Response:* Dropout : 27% due to incapacity, 13% refusal

*N:* 70

### Correlate

*Authors label:* Number of friends (1)

*Our classification:* Current number of friends, code F6.2

*Measurement:* Ss were asked to list the persons they consider as friends. The persons mentioned were counted.

### Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.21</u> <u>p&lt;.10</u>	Synchronic correlation at T1.
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.15</u> <u>ns</u>	Synchronic correlation at T2. The correlation has decreased between T1 and T2 (difference in r .06).
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=</u> <u>+.21</u> <u>p&lt;.10</u>	Diachronic correlation: T1 friends by T2 happiness, controlled for T1 happiness. Rpc indicates the effect of earlier friends on later CHANGE IN HAPPINESS.
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=</u> <u>+.27</u> <u>p&lt;.05</u>	Diachronic correlation: T1 happiness by T2 friends, controlled for T1 friends. Rpc indicates the EFFECT OF EARLIER HAPPINESS on later change in friends.  The effect of friends on happiness appears somewhat smaller than the effect of happiness on friends (difference in rpc .06).

## Correlational finding on Happiness and Current number of friends

Subject code: F6.2

### Study ALLAR 1973/1

*Reported in:* Allardt, E.  
About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey.  
Research Group for Comparative Sociology , 1973, Research Report Nr. 1, University of Helsinki, Finland  
Page in Report:

*Population:* 15-64 aged, general public, Denmark, 1972

*Sample:* Probability multistage stratified area sample

*Non-Response:*

*N:* 1000

## Correlate

*Authors label:* Number of friends (1)

*Our classification:* Current number of friends, code F6.2

*Measurement:* 8-point scale, ranging from 'no friends' to '13 or more'

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

[O-HL/c/sq/v/4/a](#)

[rpc=+.12](#)

Controlled for: Income, housing density, education, social status, chronic illness, anxiety, frequency of meetings with relatives, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, number of memberships in clubs and associations, interesting life, easyness of life, loneliness, feelings of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

## Correlational finding on Happiness and Current number of friends Subject code: F6.2

**Study**

**ALLAR 1973/2**

*Reported in:* Allardt, E.

About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey.

Research Group for Comparative Sociology, Research, 1973, Report nr. 1, University of Helsinki, Finland

Page in Report:

*Population:* 15-64 aged, general public, Finland, 1972

*Sample:* Probability multistage stratified area sample

*Non-Response:*

N: 1000

## Correlate

*Authors label:* Number of friends (1)

*Our classification:* Current number of friends, code F6.2

*Measurement:* 8-point scale, ranging from 'no friends' to '13 or more'

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

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

rpc=+.13

Controlled for: Income, housing density, education, social status, chronic illness, anxiety, frequency of meetings with relatives, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, number of memberships in clubs and associations, interesting life, easyness of life, loneliness, feelings of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

## Correlational finding on Happiness and Current number of friends Subject code: F6.2

**Study**

**ALLAR 1973/3**

*Reported in:* Allardt, E.  
About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey.  
Research Group for Comparative Sociology, 1973, Reprort nr. 1, University of Helsinki, Finland  
Page in Report:

*Population:* 15-64 aged, general public, Norway, 1972

*Sample:* Probability multistage stratified area sample

*Non-Response:*

*N:* 1000

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## Correlate

*Authors label:* Number of friends (1)

*Our classification:* Current number of friends, code F6.2

*Measurement:* 8-point scale, ranging from 'no friends' to '13 or more'

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## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

[O-HL/c/sq/v/4/a](#)

rpc=+.17

Controlled for: Income, housing density, education, social status, chronic illness, anxiety, freq. of meetings with relatives, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, no. of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

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Correlational finding on Happiness and Current number of friends

Subject code: F6.2

Study

ALLAR 1973/4

*Reported in:* Allardt, E.

About Dimensions of Welfare: An Explanatory Analysis of a Comparative Scandinavian Survey.

Research Reports, no.1, 1973; Eesearch Group for Comparative Sociology, 1973, Research Report nr. 1, University of Helsinki, Finland

Page in Report:

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

*Sample:* Probability multistage stratified area sample

*Non-Response:*

*N:* 1000

## Correlate

*Authors label:* Number of friends (1)

*Our classification:* Current number of friends, code F6.2

*Measurement:* 8-point scale, ranging from 'no friends' to '13 or more'

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

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

rpc=+.10

Controlled for: Income, housing density, education, social status, chronic illness, anxiety, freq. of meetings with relatives, opportunities to make personal contacts, possibilities to decide on matters concerning one's own personal life, no. of memberships in clubs and associations, interesting life, easyness of life, loneliness, feeling of being liked, feeling of being able to use knowledge and skills, feeling of chance to succeed, gets sufficient attention, satisfaction with income, age, gender, no. of communities in which lived.

Correlational finding on Happiness and Current number of friends  
Subject code: F6.2



**Study**                    **AUSTR 1984/2**

*Reported in:* Austrom, D.R.  
 The Consequences of Being Single.  
 Peter Lang Publisher, 1984, New York, USA ISBN 0 8204 0095 5  
 Page in Report: 217

*Population:* 23-59 aged English speaking, Toronto and Ontario, Canada, 198?

*Sample:*

*Non-Response:* 45%

*N:* 1038

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**Correlate**

*Authors label:* Number of friends (1)

*Our classification:* Current number of friends, code F6.2

*Measurement:* Single closed question rated on a 6-point scale:  
 Approximately how many friends do you have altogether: 1-5  
 / 6-10 / 11-15 / 16-25 / 26-35 / 35+?

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**Observed Relation with Happiness**

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-SLW/u/sq/n/11/a</a>	<u><math>r=+.23</math></u> <u><math>p&lt;.001</math></u>	

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**Correlational finding on Happiness and Current number of friends**  
**Subject code: F6.2**

**Study**                    **MAKAR 1962**

*Reported in:* Makarczyk, W.  
 Factors affecting Life Satisfaction among People in Poland.  
 Polish Sociological Bulletin, 1962, Vol. 1, 105 - 116  
 Page in Report: 108

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

*Sample:**Non-Response:* 5%*N:* 2387

## Correlate

*Authors label:* Number of friends (1)*Our classification:* Current number of friends, code F6.2*Measurement:* Single question: what can you say about your friends ?  
I live more or less on my own / On the whole I stick to the family / I only have a small number of friends / I have a lot of friends.

## Observed Relation with Happiness

*Happiness Measure**Statistics Elaboration/Remarks*[O-SLW/u/sq/v/5/a](#)T=.19  
p<.001

Non-agricultural people only.

## Correlational finding on Happiness and Current number of friends

Subject code: F6.2

### Study **MASTE 1984/1**

*Reported in:* Mastekaasa, A.;Moum, T.  
The Perceived Quality of Life in Norway: Regional Variations and Contextual Effects. Social Indicators Research, 1984, Vol 14, 385 - 419. ISSN 0303 8300 DOI:10.1007/BF00300450  
Page in Report: 411*Population:* 15-64 aged, general public, non-institutionalized, Norway, 1971*Sample:**Non-Response:* 15%*N:* 854

## Correlate

*Authors label:* Number of friends (1)

*Our classification:* Current number of friends, code F6.2

*Measurement:* Direct question about number of friends.

*Remarks:* Curvilinear relationship.

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

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

Beta=+  
p<.01

$\beta$  controlled for education, income, age, sex, household size, occupational prestige, occupational active, marital status. Unaffected by both traditionalism and economic level of the county.

## Correlational finding on Happiness and Number of close friends

Subject code: F6.2.1

**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: 259

*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:* Number of intimate friends (1)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Single direct question

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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## Correlational finding on Happiness and Number of close friends Subject code: F6.2.1

### 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: 259

*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

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## Correlate

*Authors label:* Number of intimate friends (2)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Single direct question:How many intimate friends do you have other than members of your family?

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<a href="#">O-SL?/c/sq/v/3/a</a>	<a href="#">DM= ns</a>	
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## Correlational finding on Happiness and Number of close friends

### Subject code: F6.2.1

#### Study **ADAMS 1988**

*Reported in:* Adams, R.G.  
Which Comes First: Poor Psychological Well-Being or Decreased Friendship Activity? Activities, Adaptation and Aging, 1988, Vol. 12, 27 - 41  
Page in Report: 35/36

*Population:* 62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84

*Sample:*

*Non-Response:* Dropout : 27% due to incapacity, 13% refusal

*N:* 70

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#### Correlate

*Authors label:* Number of emotionally close friends (3)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Ss were first asked to list the persons they consider as friends. Next they indicated which of these are emotionally close.

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#### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<a href="#">A-BB/cm/mq/v/2/a</a>	<a href="#">r=+.17</a> <a href="#">ns</a>	Synchronic correlation at T1.
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A-BB/cm/mq/v/2/a    r=+.38    Synchronic correlation at T2.  
    p<.05    The correlation has increased between T1 and T2  
                       (difference in r .21).

A-BB/cm/mq/v/2/a    rpc=    Diachronic correlation: T1 emotionally close  
    +.12 ns    friends by T2 happiness, controlled for T1  
                       happiness.  
                       Rpc indicates the effect of earlier emotionally  
                       close friends on later CHANGE IN HAPPINESS.

A-BB/cm/mq/v/2/a    rpc=    Diachronic correlation: T1 happiness by T2  
    +.20 ns    emotionally close friends, controlled for T1  
                       emotionally close friends.  
                       Rpc indicates the EFFECT OF EARLIER HAPPINESS on  
                       later change of emotionally close friends.

The effect of emotionally close friends on  
 happiness appears somewhat smaller than the effect  
 of happiness on emotionally close friends  
 (difference in rpc .08).

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## Correlational finding on Happiness and Number of close friends

Subject code: F6.2.1

**Study**                    **AUSTR 1984/2**

*Reported in:* Austrom, D.R.  
 The Consequences of Being Single.  
 Peter Lang Publisher, 1984, New York, USA ISBN 0 8204 0095 5  
 Page in Report: 217

*Population:* 23-59 aged English speaking, Toronto and Ontario, Canada, 198?

*Sample:*

*Non-Response:* 45%

*N:* 1038

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## Correlate

*Authors label:* Number of close friendships (1)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Single open-ended question: How many people are there in your life that you feel really close to?

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<a href="#">O-SLW/u/sq/n/11/a</a>	$r=+.16$ $p<.001$	

## Correlational finding on Happiness and Number of close friends

Subject code: F6.2.1

### Study **BBC 2006**

*Reported in:* BBC

The Happiness Formula: Opinion Poll. [http://news.bbc.co.uk/nol/shared/bsp/hi/pdfs/29\\_03\\_06\\_happiness\\_gfcpoll.pdf](http://news.bbc.co.uk/nol/shared/bsp/hi/pdfs/29_03_06_happiness_gfcpoll.pdf)  
GfK-NOP poll 421059, commissioned by BBC, 2006, London, UK [http://news.bbc.co.uk/nol/shared/bsp/hi/pdfs/29\\_03\\_06\\_happiness\\_gfcpoll.pdf](http://news.bbc.co.uk/nol/shared/bsp/hi/pdfs/29_03_06_happiness_gfcpoll.pdf)  
Page in Report: 74

*Population:* 15+ aged, UK, 2005

*Sample:* Probability sample (unspecified)

*Non-Response:* ??

*N:* 1001

## Correlate

*Authors label:* Close friends

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Self-report on a single question:  
 How many close friends do you have who you speak to at least once a week?  
 0: none  
 1: 1-2  
 2: 3-5  
 3: 6-10  
 4: More than 10

*Measured Values:* 0: N=35; 1: N=179; 2: N=378; 3: N=251; 4: N=142

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/g/sq/v/4/g</u>	<u>tb=+04</u> <u>p&lt;.19</u>	
<u>O-SLW/c/sq/n/10/ab</u>	<u>tb=+01</u> <u>p&lt;.893</u>	

## Correlational finding on Happiness and Number of close friends

Subject code: F6.2.1

### Study DIENE 2002A

*Reported in:* Diener, E.; Seligman, M.E.  
 Very Happy People.  
 Psychological Science, 2002, Vol.13, 81 - 84. ISSN 0956 7976 DOI::10.1111/1467-9280.00415  
 Page in Report: 83

*Population:* Undergraduate students, US, 200?

*Sample:* Non-probability purposive sample

*Non-Response:*

*N:* 222

## Correlate



*Authors label:* Relationships with close friend

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Self-rating of number of close friends. Rating from 1 to 7 as compared to the average University of Illinois student.

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>M-AO*/mqr*/0/a</u>	<u>E<sup>2</sup>=.24</u> <u>p&lt;.01</u>	Mean number of friends a 10% least happy 4.1 b 27% close to average 5.2 c 10% most happy 6.3
<u>M-AO*/mqr*/0/a</u>	<u>MCT=</u> <u>p&lt;.05</u>	a < b < c

## Correlational finding on Happiness and Number of close friends Subject code: F6.2.1

### Study STAPE 1988/1

*Reported in:* Stapel, J.  
De Gelukkige Nederlanders. (The Happy Dutchman).  
Unpublished Paper, N.I.P.O.(Gallup Affiliate), 1988, Amsterdam, Netherlands  
Page in Report: 4

*Population:* 18+ aged, The Netherlands, 1988

*Sample:* Probability systematic sample

*Non-Response:*

N: 952

## Correlate

*Authors label:* Having friends (1)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Single closed question: "Do you have many, a few or no real friends?"

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-FH/u/sq/v/3/a</u>	<u>G=+.43</u> <u>p&lt;. 01</u>	

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## Correlational finding on Happiness and Number of close friends

Subject code: F6.2.1

### 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: 164

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

*Sample:* Non-probability purposive sample

*Non-Response:* 39%

*N:* 1494

---

## Correlate

*Authors label:* with/without friend (1)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Single question:  
"Do you have a friend with whom you can talk about everything-and do ?"  
1: has friend  
0: no friend

*Measured Values:* N: 803

Remarks: partner means: you have sex; friend: no sex

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks			
<u>A-AOL/m/sq/v/5/a</u>	<u>DMt=+</u>	no partner unemployed 1:Ms=6.88 0:Ms=5.00	no partner employed 7.50 6.80	partner unemployed 8.10 7.05	partner employed 8.29 7.53
<u>O-SLu/c/sq/v/5/e</u>	<u>DMt=+</u>	no partner unemployed 1:Ms=6.88 0:Ms=3.34	no partner employed 6.86 5.90	partner unemployed 7.50 6.36	partner employed 8.08 7.13
<u>O-HL/c/sq/v/5/h</u>	<u>DMt=+</u>	no partner unemployed 1:Ms=5.88 0:Ms=5.00	no partner employed 6.15 5.40	partner unemployed 7.38 6.25	partner employed 7.60 6.63

## Correlational finding on Happiness and Number of close friends

Subject code: F6.2.1

### 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: 344

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

*Sample:* Non-probability purposive sample

*Non-Response:* 39%

*N:* 1494

## Correlate

*Authors label:* close friend (1)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Single question:  
 "Do you have a friend with whom you can talk about everything - an do ?"  
 1: no  
 2: not sure  
 3: yes

*Measured Values:* N: all:1431, 1:257, 2:237, 3:937

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>r=+.15</u> <u>p&lt;.00</u>	1: Mt=7.18 2: Mt=7.50 3: Mt=7.99 All Mt=7.76
<u>O-SLu/c/sq/v/5/e</u>	<u>r=+.20</u> <u>p&lt;.00</u>	1: Mt=6.74 2: Mt=7.06 3: Mt=7.75 All Mt=7.45
<u>O-HL/c/sq/v/5/h</u>	<u>r=+.21</u> <u>p&lt;.00</u>	1: Mt=6.24 2: Mt=6.56 3: Mt=7.24 All Mt=6.95

Correlational finding on Happiness and Number of close friends  
 Subject code: F6.2.1

Study                      WHITE 1979

*Reported in:* White, L.K.

Sex Differentials in the Effect of Remarriage on Global Happiness.  
Journal of Marriage and the Family, 1979, Vol. 41, 869 -876. ISSN 0022 2445  
Page in Report: 874

*Population:* Adult, general public, married and divorced, Nebraska, USA, 1977

*Sample:*

*Non-Response:*

*N:* 1085

## Correlate

*Authors label:* Number of close friends (1)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Single direct question to:the number of friends respondent feels close to

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-HL/c/sq/v/3/ad</u>	$r =$	1:first marriage men $r = +.08$ (ns) 2:first marriage women $r = +.11$ (05) 3:remarriage men $r = +.24$ (ns) 4:remarriage women $r = +.10$ (ns)

## Correlational finding on Happiness and Number of close friends Subject code: F6.2.1

### Study                      ZUMA 1989

*Reported in:* Zentrum fur Umfrageforschung Mannheim (ZUMA)  
Wohlfahrtsurveys 1978,1980,1984,1988.  
Unpublished data-set. Especially prepared for the World Database of Happiness.  
Page in Report:

*Population:* 18+ aged, general public, West-Germany, 1978-88

Sample:

Non-Response: ?

N: 2100

## Correlate

Authors label: Friendships (1)

Our classification: Number of close friends, code F6.2.1

Measurement: Question: 'Do you have one or more really close friends, I mean not within your family?'  
Coding reversed by us. Signs of correlations reversed accordingly.  
0 no  
1 yes

## Observed Relation with Happiness

Happiness Measure

Statistics Elaboration/Remarks

O-SLW/c/sq/n/11/ba

SNR=

eta

G

r

$\beta$

1978	-.12	-.15	-.12
1980			
1984	-.08	-.10	-.08
1988	-.13	-.14	-.13

$\beta$ 's controlled for age, gender, perceived class and marital status.

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

SNR=

eta

G

r

$\beta$

1978	+.14	+.31	+.14
1980			
1984	+.08	+.17	+.08
1988	+.11	+.26	+.11

$\beta$ 's controlled for age, gender, perceived class and marital status.

## Correlational finding on Happiness and Number of close friends

Subject code: F6.2.1

## Study ZUMA 1989

*Reported in:* Zentrum fur Umfrageforschung Mannheim (ZUMA)  
Wohlfahrtsurveys 1978,1980,1984,1988.  
Unpublished data-set. Especially prepared for the World Database of Happiness.  
Page in Report:

*Population:* 18+ aged, general public, West-Germany, 1978-88

*Sample:*

*Non-Response:* ?

*N:* 2100

## Correlate

*Authors label:* Number of friends (1)

*Our classification:* Number of close friends, code F6.2.1

*Measurement:* Question: 'How many close friends do you have roughly?'

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

<u>O-SLW/c/sq/n/11/</u>	<u>SNR=</u>	eta	G	r	$\beta$
<u>ba</u>					
		1978	+.13	+.04	+.04
		1980			
		1984			
		1988	+.16	+.10	+.08

$\beta$ 's controlled for age, gender, perceived class and marital status.

<u>O-HL/c/sq/v/4/b</u>	<u>SNR=</u>	eta	G	r	$\beta$
		1978	+.15	+.15	+.08
		1980			
		1984			
		1988	+.14	+.12	+.08

$\beta$ 's controlled for age, gender, perceived class and marital status.

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## Correlational finding on Happiness and Number of friends/acquaintances

Subject code: F6.2.2

### Study STAPE 1988/1

*Reported in:* Stapel, J.  
De Gelukkige Nederlanders. (The Happy Dutchman).  
Unpublished Paper, N.I.P.O.(Gallup Affiliate), 1988, Amsterdam, Netherlands  
Page in Report: 4

*Population:* 18+ aged, The Netherlands, 1988

*Sample:* Probability systematic sample

*Non-Response:*

*N:* 952

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### Correlate

*Authors label:* Having acquaintencies (1)

*Our classification:* Number of friends/acquaintances, code F6.2.2

*Measurement:* Single closed question: "Do you have many, a few or no acquaintencies?"

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### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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M-FH/u/sq/v/3/a      G=+.48  
p<. 01

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## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### Study                      ADAMS 1988

*Reported in:* Adams, R.G.  
 Which Comes First: Poor Psychological Well-Being or Decreased Friendship Activity?  
 Activities, Adaptation and Aging, 1988, Vol. 12, 27 - 41  
 Page in Report: 35/36

*Population:* 62+ aged, white, non-married, females, middle class suburb of Chicago, USA. 1981-84

*Sample:*

*Non-Response:* Dropout : 27% due to incapacity, 13% refusal

*N:* 70

---

### Correlate

*Authors label:* Interaction with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Ss were first asked to list the persons they consider as friends. Next they estimated the number of contacts in the last year with each of these.

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### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.26</u> <u>p&lt;.05</u>	Synchronic correlation at T1.

<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.12</u> <u>ns</u>	Synchronic correlation at T2. The correlation has decreased between T1 and T2. (difference in r .14).
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=</u> <u>+.04 ns</u>	Diachronic correlation: T1 interaction by T2 happiness, controlled for T1 happiness. Rpc indicates the effect of earlier interaction on later CHANGE IN HAPPINESS.
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=</u> <u>+.08 ns</u>	Diachronic correlation: T1 happiness by T2 interaction, controlled for T1 interaction. Rpc indicates the EFFECT OF EARLIER HAPPINESS on later change in interaction.  There is neither effect of interaction on happiness, nor effect of happiness on interaction

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## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### 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

*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

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### Correlate

*Authors label:* Contacts with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Closed question: less than once a month / between once a month and once a week / at least once a week

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

[A-BB/cw/mq/v/4/f](#)

G= +

Index of Positive Affects only: G = +.19 (05)

## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

**Study**

**AUSTR 1984/2**

*Reported in:* Austrom, D.R.  
The Consequences of Being Single.  
Peter Lang Publisher, 1984, New York, USA ISBN 0 8204 0095 5  
Page in Report: 217

*Population:* 23-59 aged English speaking, Toronto and Ontario, Canada, 198?

*Sample:*

*Non-Response:* 45%

*N:* 1038

## Correlate

*Authors label:* Frequency of social contacts with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Single closed question rated on a 6-point scale: About how often do you get together socially with your friends: several times a week / a few times a week / once a week / a few times a month / once a month / less than once a month.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-SLW/u/sq/n/11/a</a>	$r=+.02$ <u>ns</u>	

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## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

### Study **BBC 2006**

*Reported in:* BBC  
 The Happiness Formula: Opinion Poll. [http://news.bbc.co.uk/nol/shared/bsp/hi/pdfs/29\\_03\\_06\\_happiness\\_gfcpoll.pdf](http://news.bbc.co.uk/nol/shared/bsp/hi/pdfs/29_03_06_happiness_gfcpoll.pdf)  
 GfK-NOP poll 421059, commissioned by BBC, 2006, London, UK [http://news.bbc.co.uk/nol/shared/bsp/hi/pdfs/29\\_03\\_06\\_happiness\\_gfcpoll.pdf](http://news.bbc.co.uk/nol/shared/bsp/hi/pdfs/29_03_06_happiness_gfcpoll.pdf)  
 Page in Report: 74

*Population:* 15+ aged, UK, 2005

*Sample:* Probability sample (unspecified)

*Non-Response:* ??

*N:* 1001

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## Correlate

*Authors label:* Close friends

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Self-report on a single question:  
 How many close friends do you have who you speak to at least once a week?  
 0: none  
 1: 1-2  
 2: 3-5  
 3: 6-10  
 4: More than 10

*Measured Values:* 0: N=35; 1: N=179; 2: N=378; 3: N=251; 4: N=142

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/g/sq/v/4/g</u>	<u>tb=+04</u> <u>p&lt;.19</u>	
<u>O-SLW/c/sq/n/10/ab</u>	<u>tb=+01</u> <u>p&lt;.893</u>	

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Correlational finding on Happiness and Current contacts with friends  
Subject code: F6.3

### Study **BEALS 1985**

*Reported in:* Beals, J.  
Generational Differences in Well-being for two European Groups.  
PhD Dissertation, University of Michigan, 1985, USA  
Page in Report: 80,91

*Population:* Immigrants from Europe, USA, 1978

*Sample:*

*Non-Response:* -

*N:* 844

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### Correlate

*Authors label:* Contacts with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Contacts the one (ggod) you most often talk to.  
1: less than once a year  
2: less than once a month  
3: once time a month or more  
4: once a week or more  
5: almost daily

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-AO/u/mq*/0/a</u>	<u><math>\beta_L=+.10</math></u> <u>ns</u>	$\beta_L$ standardized direct path coefficient in a LISREL-model, controlled for contacts with relatives, perceptions of US-life, immigration-generation and socioeconomic status. Also involved in the model are cognitive well-being and negative affect.
<u>O-Sum/u/mq*/0/b</u>	<u><math>\beta_L=+.03</math></u> <u>ns</u>	$\beta_L$ standardized direct path coefficient in a LISREL-model, controlled for perceptions of US-life, contacts with relatives, socioeconomic status and immigration generation. Also involved in the model are positive and negative affect.
<u>O-Sum/u/mq*/0/b</u>	<u><math>r=+.07</math></u> <u><math>p&lt;.05</math></u>	Immigrants from Western Europe
<u>M-AO/u/mq*/0/a</u>	<u><math>r=+.12</math></u> <u><math>p&lt;.01</math></u>	Immigrants from Western Europe
<u>O-Sum/u/mq*/0/b</u>	<u><math>r=+.10</math></u> <u><math>p&lt;.05</math></u>	Immigrants from Eastern and Southern Europe
<u>M-AO/u/mq*/0/a</u>	<u><math>r=+.12</math></u> <u><math>p&lt;.01</math></u>	Immigrants from Eastern and Southern Europe

## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

<b>Study</b>	<b>BOHNK 2008</b>
<i>Reported in:</i>	Böhnke, P.; Kohler, U. Well-being and Inequality WZB Discussion Paper no. SP I 2008-201, 2008, Berlin, Germany ISSN 1612 3468 <a href="http://www.wzb.eu">http://www.wzb.eu</a> Page in Report: 24
<i>Population:</i>	18+ aged, in 28 European nations, 2003
<i>Sample:</i>	Mixed samples

*Non-Response:*

N: 18600

## Correlate

*Authors label:* Contacts friends/neighbours*Our classification:* Current contacts with friends, code F6.3*Measurement:* 0 = no (reference)  
1 = yes

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLu/c/sq/n/10/b</u>	<u>B=+.33</u> <u>p&lt;.05</u>	No controls
<u>O-SLu/c/sq/n/10/b</u>	<u>B=+.34</u> <u>p&lt;.05</u>	B controlled for -gender -age -type of community -income -employment -class/occupation -education -rooms per person -accomodation problems -separated/divorced -widowed -single, never married -voluntary work
<u>O-SLu/c/sq/n/10/b</u>	<u>B=+.32</u> <u>p&lt;.05</u>	B additionally controlled for -church attendance -internet use
<u>O-SLu/c/sq/n/10/b</u>	<u>B=+.26</u> <u>p&lt;.05</u>	B additionally controlled for -long term illness and health satisfaction

## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### 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: 43

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

*Sample:*

*Non-Response:* -

*N:* 2006

### Correlate

*Authors label:* Contacts with friends other than relatives (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Closed question on frequency of contact during last week,  
 rated on a 5-point scale: not at all / once / twice.

### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/cw/mq/v/4/e</a>	<u>G= +</u>	Index of Positive Affects only: $G' = +.31 (01)$ . Unaffected by S.E.S.

## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### Study BRADB 1969



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

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

*Sample:*

*Non-Response:* ± 20%, Attrition ± 30%

*N:* 2787

## Correlate

*Authors label:* Contacts with friends other than relatives (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Direct question on how many times one got together with friends, during the past few weeks, rated on a 6-point scale.

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<a href="#">A-BB/cm/mq/v/2/a</a>	<a href="#">G=+</a>	Data T1. Not computed for summed ABS. Index of Positive Affects: G= +.25 Index of Negative Affects: G= +.04

## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

### Study CSIKS 2003

*Reported in:* Csikszentmihalyi, M.; Hunter, J.  
 Happiness in Everyday Life: the Uses of Experience Sampling.  
 Journal of Happiness Studies, 2003, Vol. 4, 185 - 199. ISSN p 1389 4978; ISSN e 1573 7780. DOI 10.1007/s11205-005-0805-6  
 Page in Report: 193

*Population:* Teenagers, USA, 1998

*Sample:* Non-probability purposive sample

*Non-Response:*

*N:* 828

## Correlate

*Authors label:* Company

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* % time spend in company of:  
 a: teachers  
 b: class mates  
 c: friends  
 d: relatives  
 when beeped

*Remarks:* Participants were beeped at random moments eight times a day from 7:30 am to 10:30 pm for one week. At each beep they answered questions about:  
 a: what activity they where doing on the moment  
 b: whom they were with  
 c: how they felt at that moment (various feelings, one of which happiness)

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-ARE/mi/sqr/n/7/a</u>	<u>Beta=+</u>	% time in company with teachers
<u>A-ARE/mi/sqr/n/7/a</u>	<u>t.=-0,1</u> <u>p&lt;.001</u>	
<u>A-ARE/mi/sqr/n/7/a</u>	<u>Beta=-</u>	% time with class mates
<u>A-ARE/mi/sqr/n/7/a</u>	<u>t.=-0,7</u> <u>p&lt;.001</u>	

A-ARE/mi/sqr/n/7/a    Beta=+    % time with friends

A-ARE/mi/sqr/n/7/a    t.=+0,2  
p<.001

A-ARE/mi/sqr/n/7/a    Beta=+    % time with relatives

A-ARE/mi/sqr/n/7/a    t.=+2,2    Beta's controled for:  
p<.01        - age  
                  - gender  
                  - SES

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## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

**Study**                    **CSIKS 2003**

*Reported in:* Csikszentmihalyi, M.; Hunter, J.  
Happiness in Everyday Life: the Uses of Experience Sampling.  
Journal of Happiness Studies, 2003, Vol. 4, 185 - 199. ISSN p 1389 4978; ISSN e  
1573 7780. DOI 10.1007/s11205-005-0805-6  
Page in Report: 193

*Population:* Teenagers, USA, 1998

*Sample:* Non-probability purposive sample

*Non-Response:*

*N:* 828

---

## Correlate

*Authors label:* Being alone

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* % time in company when beeped  
 0: alone  
 1: in company of:  
     a: teachers  
     b: classmates  
     c: friends

*Remarks:* Participants were beeped at random moments eight times a day from 7:30 am to 10:30 pm for one week. At each beep they answered questions about:  
 a: what activity they were doing on the moment  
 b: whom they were with  
 c: how they felt at that moment (various feelings, one of which happiness)

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-ARE/mi/sqr/n/7/a</u>	<u>Beta=-</u> <u>p&lt;.001</u>	Beta controlled for: - age - gender - SES
<u>A-ARE/mi/sqr/n/7/a</u>	<u>t.=-3.9</u> <u>p&lt;.001</u>	
<u>A-ARE/mi/sqr/n/7/a</u>	<u>B=-.01</u> <u>p&lt;.001</u>	Beta additionally controlled for: - % time in flow - % time in relaxation - % time reading/writing for fun - grade level in school

Correlational finding on Happiness and Current contacts with friends  
 Subject code: F6.3

Study                      GUNDE 2004

*Reported in:* Gundelach, P.; Kreiner, S.  
 Happiness and Life Satisfaction in Advanced European Countries.  
 Cross-Cultural Research, 2004, Vol. 38, 359 - 386. ISSN 1069 3971 DOI:  
 n10.1177/1069397104267483  
 Page in Report: 369

*Population:* 18 + aged , 9 advanced countries, Western Europe, 1999

*Sample:* Non-probability purposive sample

*Non-Response:*

*N:* 10517

## Correlate

*Authors label:* Spending time with friends

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Spend time with friends

- 1 Weekly
- 2 Once or twice
- 3 Only a few
- 4 Not at all

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-HL/u/sq/v/4/a</a>	<u>Gs=</u> <u>+.13</u> <u>p&lt;.000</u>	Gs's Controlled for: - living in a stable relationship

Correlational finding on Happiness and Current contacts with friends  
 Subject code: F6.3

Study                      HEADE 1993

*Reported in:* Headey, B.; Kelley, J.; Wearing, A..  
 Dimensions of Mental Health: Life Satisfaction, Positive Affect, Anxiety and Depression.  
 Social Indicators Research, 1993, Vol. 29, 63 - 82. ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1007/BF01136197  
 Page in Report: 76

*Population:* 18-65 aged, Victoria, Australia, followed every 2 years from 1981 to 1987

*Sample:* Probability stratified sample

*Non-Response:*

*N:* 419

## Correlate

*Authors label:* Availability of friends

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Selfreport  
 Questions not reported

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-Sum/*/mq*/0/a</u>	<u>r=+.22</u> <u>p&lt;.05</u>	

Correlational finding on Happiness and Current contacts with friends  
 Subject code: F6.3

## Study LINN 1980

*Reported in:* Linn, J.G.;McGranahan, D.A.  
 Personal Disruption, Social Integration, Subjective Well-Being and Predisposition toward the Use of Counseling Services.  
 American Journal of Community Psychology, 1980, Vol 8, 87 - 100. ISSN 0091 0562  
 DOI:10.1007/BF00892284  
 Page in Report: 95

*Population:* 18+ aged, general public, NW-Wisconsin, USA, 1974

*Sample:*

*Non-Response:* 7-24 %

*N:* 1423

## Correlate

*Authors label:* Contact with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Direct question: "How often do you talk to one or more of your close friends living in the county?"

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/7/a</u>	<u>B=+ ns</u>	B controlled for: sex, education, income, occupation, health, divorce/separation, unemployment; age and its interaction with health, divorce and unemployment.
<u>O-SLW/u/sq/v/7/a</u>	<u>B=+ ns</u>	B controlled for: sex, education, income, occupation, health, divorce/separation, unemployment; age and its interaction with health, divorce and unemployment.
<u>O-HL/c/sq/v/7/a</u>	<u>B=+</u> <u>p&lt;.01</u>	Interaction with health problems
<u>O-SLW/u/sq/v/7/a</u>	<u>B=+</u> <u>p&lt;.05</u>	interaction with health
<u>O-HL/c/sq/v/7/a</u>	<u>B=+</u> <u>p&lt;.05</u>	Interaction with divorce

<u>O-SLW/u/sq/v/7/a</u>	<u>B=+ ns</u>	interaction with divorce
<u>O-SLW/u/sq/v/7/a</u>	<u>B=+</u> <u>p&lt;.05</u>	interaction with unemployed
<u>O-HL/c/sq/v/7/a</u>	<u>B=+ ns</u>	interaction with unemployment

## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### Study LINN 1986

*Reported in:* Linn, L.S.; Yager, J.; Dennis, W.; Cope, W.; Leake, B.  
Factors Associated With Life Satisfaction Among Practicing Internist.  
Medical Care, 1986, Vol. 24, 830 - 837. ISSN p 0125 7079; ISSN e 1537 1948  
Page in Report: 834

*Population:* Physicians, California, USA, 1984

*Sample:* Probability simple random sample

*Non-Response:*

*N:* 211

### Correlate

*Authors label:* Socializing

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Selfreported of typical behaviours in the past 6 month to make one feel better:

- Attending plays, movies or concert
- Going out for dinner in a restayrant with friends or family
- Visiting friends or familr in their homes
- Talking on the telephone with friends about non-work related activities

Rated: never(1) to daily (6)

*Measured Values:* M = Attending plays etc 2.98, Going out etc 3.77, Visiting etc 3.03, Talking etc 3.55



## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sq/v/7/a</u>	<u>r=+.12</u> <u>ns</u>	

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## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

### Study **MARTI 1984**

*Reported in:* Martinson, O.B.; Wilkening, E.A. ; Mc Grahnan, D.  
Predicting overall Life Satisfaction: The Role of Life Cycle and Social Psychological Antecedents.  
Social Indicators Research 1984, Vol. 14, 99 - 108. ISSN 0303 8300. DOI:10.1007/BF00315724  
Page in Report: 104

*Population:* 18+aged, general public, N.W.Wisconsin, USA, 1974

*Sample:*

*Non-Response:* 12%

*N:* 1423

---

## Correlate

*Authors label:* Contact with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Single direct question:  
1: less than once a week  
2: once a week  
3: two or more times a week

---

## Observed Relation with Happiness

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

<u>O-SLW/u/sqt/v/7/a</u>	<u>Beta=</u>	age <30: $\beta = +.02$	ns
	<u>+.04 ns</u>	30 - 49: $\beta = +.07$	ns
		50 - 64: $\beta = -.02$	ns
		> 64: $\beta = +.05$	ns

$\beta$  controlled for powerlessness, community solidarity, health, days too sick to work, recent move, separated/ divorced, unemployed, contact with friends, church attendance, organizational membership, education, family income.

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## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### Study **MARTI 1985**

*Reported in:* Martinson, O.B., Wilkening, E.A.; Linn, J.G.  
Life Change, Health Status and Life Satisfaction: A Reconsideration.  
Social Indicators Research, 1985, Vol. 16, 301 - 313. ISSN 0303 8300. DOI:10.1007/BF00415128  
Page in Report: 309

*Population:* 18+ aged, general public, NW Wisconsin, USA, 1974

*Sample:*

*Non-Response:* 14%

*N:* 1423

---

### Correlate

*Authors label:* Contact with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Single direct question:  
1: less than once a week  
2: once a week  
3: two or more times a week

---

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-SLW/u/sqrt/v/7/a

Beta=

β of different age groups:

under 30	:	.00	ns	30-49	:	+.07	ns
50-54	:	-.02	ns	over 64	:	+.05	ns

β controlled for: negative life change, degree of disability, days lost due to illness, powerlessness, community solidarity, recent migrant, contact with relatives, organizational affiliation, church attendance, separated / divorced, sex, unemployed, family income, education.

## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

**Study**

**PALIS 1986B**

*Reported in:* Palisi, B.J.  
Urbanism and Psychological Well-Being: A Test of Three Theories.  
Sociological Spectrum, 1986, Vol. 6, 361 - 378  
Page in Report: 369

*Population:* 18+ aged, general public, non-institutionalized, USA, 1974-1982

*Sample:*

*Non-Response:*

*N:* 7542

## Correlate

*Authors label:* Social relationships with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Single closed question on spending a social evening with friends, rated on a 7-point scale, ranging from "almost every day" to "never" (order reversed).

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.04</u> <u>p&lt;.01</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>rpc=</u> <u>+.07</u> <u>p&lt;.01</u>	rpc controlled for income, occupation, educational degree, children, age, marital status, race, sex, urbanism.

## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

### Study **PAYNE 1974**

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

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

*Sample:*

*Non-Response:* 4% incomplete.

*N:* 192

### Correlate

*Authors label:* Contacts with friends. (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Direct question on number of contacts in the past 4 weeks rated on a 6-point scale ranging from 'not at all' to 'five or more'.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cm/mq/v/5/a</u>	<u>G=</u>	Index of Positive Affects: G = +.13 Index of Negative Affects: G = +.11

---

## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

### 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:* Contacts with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Direct question on how many times one got together with friends during the past few weeks 0 / 1-2 / 3 or more.

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/u/sq/v/3/a</u>	<u>G=+.22</u>	Unaffected by mental health (see Phill 1967B, p. 288).

<u>A-BB/cm/mq/v/2/a</u>	<u>G= +</u>	Index of Positive Affects: G = +.34
		High S.E.S. : d = +.11
		Medium S.E.S. : d = +.22
		Low S.E.S. : d = +.35
		Index of Negative Affects: G = +.03
		High S.E.S. : G = -.09
		Medium S.E.S. : G = +.02
		Low S.E.S. : G = +.07
(See PHILL 1969, p. 7).		

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## Correlational finding on Happiness and Current contacts with friends

### Subject code: F6.3

#### Study SNIDE 1980

*Reported in:* Snider, E.L.  
 Explaining Life Satisfaction: It's the Elderly's Attitudes that Count.  
 Social Science Quarterly, 1980, Vol. 61, 253 - 263. ISSN 0038 4941  
 Page in Report: 257-258

*Population:* 65+ aged, retired whites, Edmonton, Canada, 1976

*Sample:* Probability systematic sample

*Non-Response:* 10%

*N:* 428

---

#### Correlate

*Authors label:* Frequency friend contact (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Single direct question rated on a 5-point scale with the choice statements: 'never', 'yearly', 'monthly', 'weekly' and 'daily'.

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#### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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O-SLu/g/sq/v/3/a     r=+.16  
p<.001

O-SLu/g/sq/v/3/a     tc=+.14  
p<.001

O-SLu/g/sq/v/3/a     Dyx=  
+.13  
p<.001

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## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### Study                      UGLAN 2006

*Reported in:* Uglanova, E.  
Analysis of Happiness Variable in Monitoring of Social and Economic Changes in Russia 1993 - 2.  
Data Independent Institute for Social Policy, 2006, Russia <http://sofist.socpol.ru>  
Page in Report: question 96

*Population:* 16+ aged, Russia, 1993

*Sample:* Probability multi-stage cluster sample

*Non-Response:* ?

*N:* 2018

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### Correlate

*Authors label:* Visiting friends

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* How often do you visit your friends?  
1 never  
2 one or several times per year  
3 1-2 times per month  
4 every week  
- DK/NA

*Measured Values:* N = 1: 11,1% 2: 32,2% 3: 38,6% 4: 17,7% DK/NA: 0,3%

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/c/sq/v/4/g</u>	<u>DM=+</u>	1: M = 2,15 2: M = 2,43 3: M = 2,59 4: M = 2,77
<u>O-SLW/c/sq/v/4/g</u>	<u>rs=+.21</u> <u>p&lt;.000</u>	

## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

### 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: 346

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

*Sample:* Non-probability purposive sample

*Non-Response:* 39%

*N:* 1494

### Correlate

*Authors label:* relations with friends (1)

*Our classification:* Current contacts with friends, code F6.3



*Measurement:* Single question:  
 "How are your current relations with your friends ?"  
 1: very bad  
 2: bad  
 3: neither/nor  
 4: good  
 5: very good

*Measured Values:* N: all:1368, 1:2, 2:9, 3:97, 4:700, 5:560

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>r=+.21</u> <u>p&lt;.00</u>	1: Mt=5.00 2: Mt=6.95 3: Mt=6.80 4: Mt=7.54 5: Mt=8.24 All Mt=7.76
<u>O-SLu/c/sq/v/5/e</u>	<u>r=+.25</u> <u>p&lt;.00</u>	1: Mt=3.75 2: Mt=5.28 3: Mt=6.41 4: Mt=7.20 5: Mt=7.98 All Mt=7.44
<u>O-HL/c/sq/v/5/h</u>	<u>r=+.23</u> <u>p&lt;.00</u>	1: Mt=2.50 2: Mt=5.84 3: Mt=6.16 4: Mt=6.71 5: Mt=7.45 All Mt=6.96

Correlational finding on Happiness and Current contacts with friends  
 Subject code: F6.3

Study

VENTE 1996

*Reported in:* Ventegodt, S.

Livskvalitet hos 4500 31-33-årige. (The Quality of Life of 4500 31-33-Years-Olds).  
Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København 1996, ISBN  
8790190068 <http://www.livskvalitet.org/t2/index.asp>  
Page in Report: 362,364

*Population:* 31-33 aged, Denmark 1993, born in University Hospital in Copenhagen

*Sample:* Non-probability chunk sample

*Non-Response:* 39%

*N:* 4500

## Correlate

*Authors label:* talk with close friends

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Single question:

" Do you have a friend with whom you can talk about  
everything - and do ?"

1: no

2: not sure

3: yes

*Measured Values:* N women: All:2448; %:1:10,9; 2:12,0; 3:77,1 M men: All:2103; %: 1:18,8; 2:19,6;  
3:61,6

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>r=+.19</u> <u>p&lt;.00</u>	women : 1: Mt=6.80 2: Mt=7.19 3: Mt=7.93
<u>A-AOL/m/sq/v/5/a</u>		men : 1: Mt=7.06 2: Mt=7.54 3: Mt=8.06

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

women :  
1 : Mt=6.40  
2 : Mt=6.91  
3 : Mt=7.69

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

men :  
1 : Mt=6.56  
2 : Mt=7.15  
3 : Mt=7.71

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

women :  
1 : Mt=6.21  
2 : Mt=6.55  
3 : Mt=7.29

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

men :  
1 : Mt=6.28  
2 : Mt=6.70  
3 : Mt=7.24

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Correlational finding on Happiness and Current contacts with friends  
Subject code: F6.3

**Study**                      **VENTE 1996**

*Reported in:* Ventegodt, S.  
Liskvalitet hos 4500 31-33-årige. (The Quality of Life of 4500 31-33-Years-Olds).  
Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København 1996, ISBN  
8790190068 <http://www.livskvalitet.org/t2/index.asp>  
Page in Report: 366

*Population:* 31-33 aged, Denmark 1993, born in University Hospital in Copenhagen

*Sample:* Non-probability chunk sample

*Non-Response:* 39%

*N:* 4500

---

**Correlate**

*Authors label:* relations with friends

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Single question:  
 "How are your current relations with your friends?"  
 1: very bad  
 2: bad  
 3: neither/nor  
 4: good  
 5: very good

*Measured Values:* N: All:4473; %: 1:0,2; 2:0,8; 3:9,0; 4:51,6; 5:38,4

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>r=+.26</u> <u>p&lt;.00</u>	1: Mt=4.55 2: Mt=5.58 3: Mt=6.43 4: Mt=7.66 5: Mt=8.25
<u>O-SLu/c/sq/v/5/e</u>		1: Mt=2.73 2: Mt=4.86 3: Mt=6.10 4: Mt=7.33 5: Mt=7.99
<u>O-HL/c/sq/v/5/h</u>		1: Mt=4.78 2: Mt=5.14 3: Mt=5.89 4: Mt=6.91 5: Mt=7.54

Correlational finding on Happiness and Current contacts with friends  
 Subject code: F6.3

Study WILKE 1978/1

*Reported in:* Wilkening, E.A.; McGranahan, D.  
 Correlates of Subjective Well-Being in Northern Wisconsin.  
 Social Indicators Research, 1978, Vol. 5, 211 - 234. ISSN p 0303 8300; ISSN 1573  
 0921 DOI:10.1007/BF00352930  
 Page in Report: 221

*Population:* 18+aged, general public, NW Wisconsin-residents, USA, 1974

*Sample:*

*Non-Response:* 12%

*N:* 1423

## Correlate

*Authors label:* Contact with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* 1: less than once a week  
 2: once or more times a week  
 3: daily

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/u/sqt/v/7/a</u>	<u>r=+.11</u> <u>p&lt;.05</u>	
<u>O-SLW/u/sqt/v/7/a</u>	<u>Beta=</u> <u>+.08</u> <u>p&lt;.05</u>	<p><math>\beta</math> controlled for 1+2+3+4+5 :</p> <p>1: education, occupation, income, level of living</p> <p>2: live alone, married, children, contact with relatives, church attendance, organizational membership.</p> <p>3: health problems, recent move, separated/divorced, unemployed.</p> <p>4: retired, widowed.</p> <p>5: urban living, rural living, female.</p> <p><math>\beta</math> in different age groups:</p> <p>under 30: +.00 (ns)      30-49 : +.18 (05)</p> <p>50-64 : +.10 (05)      over 64 : +.03 (ns)</p>

O-SLW/u/sqt/v/7/a    Beta=     $\beta$  controlled for 2 only:  
+09                    interaction with age significant (01)  
p<.05

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## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### Study                    WILKE 1978/2

*Reported in:* Wilkening, E.A.; McGranahan, D.  
 Correlates of Subjective Well-Being in Northern Wisconsin.  
 Social Indicators Research, 1978, Vol. 5, 211 - 234. ISSN p 0303 8300; ISSN 1573  
 0921 DOI:10.1007/BF00352930  
 Page in Report: 229

*Population:* 18+ aged, general public, non-institutionalized, Wisconsin, USA, 1974

*Sample:*

*Non-Response:*

*N:* 534

---

### Correlate

*Authors label:* Contact with friends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Single direct question:  
 1: less than once a week  
 2: once or more times a week  
 3: daily

---

### Observed Relation with Happiness

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

O-SLW/u/sq/v/7/aBeta=  
+ .05 ns

$\beta$  controlled for education, occupation, income, live alone, married status, contact with relatives, church attendance, organization membership, separated / divorced, retired, widowed, place of residence, sexe, age.

## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

**Study**                      **WINKE 2006B**

*Reported in:* Winkelmann, R.  
Unemployment , Social Capital, and Subjective Well-Being.  
Dixcussion Paper, IZA, 2006, no. 2346, Bonn, Germany  
Page in Report: 20

*Population:* Employed, who fell unemployed, Germany 1984-2004

*Sample:* Probability stratified sample

*Non-Response:*

*N:* 5536

## Correlate

*Authors label:* Active social life

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Attending at least once a week (yes or no) in:

- a Cultural events
- b Entertainment events
- c Sport
- d Visiting friend, relative
- e Voluntary work
- f Church services

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>		male	female
		Attending cultural events	+,370	+,614
<u>O-SLW/c/sq/n/11/d</u>	<u>B=-</u>	Attending entertainment events	-,101	-,068
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Sport	+,427	+,502
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Visiting friend, relative	+,224	+,374
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Engaging in voluntary work	+,155	+,186
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Attending church services	+,212	+,350

B's controlled for  
 -sex  
 -nationality  
 -age  
 -marital status  
 -education  
 -East/West-germany

B denotes p[oints difference in happiness on scale  
 0-10

## Correlational finding on Happiness and Current contacts with friends

Subject code: F6.3

### Study WONG 1985

*Reported in:* Wong, N.W.  
 Effects of Individual Sources of Support on Well-Being in Employed Parents.  
 PhD Dissertation, University of Michigan, 1985, USA  
 Page in Report: 50,67,74,133,138

*Population:* Working parents with children <16, USA, 1984

*Sample:* Non-probability purposive sample

*Non-Response:* 59-79%



N: 651

## Correlate

*Authors label:* Support from Friends, Neighbors and Relatives

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Think back to your experiences as a working parent over the last two months. How have your friends, neighbors and relatives helped you to manage? How often in the past two months did friends, neighbors and relatives do each of the following?

Verbal support:

- a. Shared ideas or advice.
- b. Listened to my problems.
- c. Was understanding or sympathetic.
- d. Helped me to figure out how to solve a problem.

Instrumental support:

- a. Handled child's sickness or other emergency.
- b. Took care of some of my responsibilities when I was especially tired or busy.
- c. Took care of children before or after school.

Rated: 1= Never, 2 = Rarely, 3 = Sometimes, 4 = Often, 5 = Very often, 8 = not applicable

*Measured Values:* Married Fathers: M=1,9, SD=.69, Married Mothers M = 2,4 SD = .76, Single Mothers M=2,6 SD=.82

*Error Estimates:* alpha=.83 Verbal support: alpha=.89, Instrumental support alpha = .71

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-HL/c/sq/v/3/aa</u>	<u>r=-.13 ns</u>	Married fathers
<u>O-SLW/u/sq/v/4/i</u>	<u>r=+.33 ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.03 ns</u>	Married Mothers

<u>O-SLW/u/sq/v/4/i</u>	<u>r=+.03</u> <u>ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.07</u> <u>ns</u>	Single Mothers
<u>O-SLW/u/sq/v/4/i</u>	<u>r=+.03</u> <u>ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>Beta= ns</u>	Married Fathers
<u>O-SLW/u/sq/v/4/i</u>	<u>Beta= ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>Beta= ns</u>	Married Mothers
<u>O-SLW/u/sq/v/4/i</u>	<u>Beta= ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>Beta= ns</u>	Single Mothers
<u>O-SLW/u/sq/v/4/i</u>	<u>Beta= ns</u>	Beta's controlled for: - age - education - income - organization (place of employment) - stress - support from spouse - support from co-workers - support from supervisors
<u>O-HL/c/sq/v/3/aa</u>	<u>B= ns</u>	Married fathers
<u>O-SLW/u/sq/v/4/i</u>	<u>B= ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>B= ns</u>	Married Fathers
<u>O-SLW/u/sq/v/4/i</u>	<u>B= ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>B= ns</u>	Married Mothers
<u>O-SLW/u/sq/v/4/i</u>	<u>B= ns</u>	

O-HL/c/sq/v/3/aa      B= ns      Single Mothers

O-SLW/u/sq/v/4/i      B= ns      B's additionally controlled for:  
- resentment of spouse,  
- resentment of friends/neighbors/relatives  
- resentment of co-workers and supervisor

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## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

### Study                      WONG 1985

*Reported in:* Wong, N.W.  
Effects of Individual Sources of Support on Well-Being in Employed Parents.  
PhD Dissertation, University of Michigan, 1985, USA  
Page in Report: 50,133,138,141,143

*Population:* Working parents with children <16, USA, 1984

*Sample:* Non-probability purposive sample

*Non-Response:* 59-79%

*N:* 651

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### Correlate

*Authors label:* Resentment from Friends, Neighbors and Relatives

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Think back to your experiences as a working parent over the last two months. How have your friends, neighbors and relatives helped you to manage? How often in the past two months did friends, neighbors and relatives do each of the following?

1. Held my job responsibilities against me. 2. Showed resentment of my needs as a working parent. 3. Was critical of my efforts to combine work and family.

Rated: 1= Never, 2 = Rarely, 3 = Sometimes, 4 = Often, 5 = Very Often, 8 = Not Applicable

*Measured Values:* Married Fathers: M=1,2, SD=.45, Married Mothers M = 1,4 SD = .62, Single Mothers M=1,6 SD = .81

*Error Estimates:* alpha = .78

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>r=-.26</u> <u>p&lt;.01</u>	Married Fathers
<u>O-SLW/u/sq/v/4/i</u>	<u>r=-.08 ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>r=-.10</u>	Married Mothers
<u>O-SLW/u/sq/v/4/i</u>	<u>r=-.02 ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>r=-.13 ns</u>	Single Mothers
<u>O-SLW/u/sq/v/4/i</u>	<u>r=+.10</u> <u>ns</u>	

## Correlational finding on Happiness and Current contacts with friends Subject code: F6.3

### Study ZUMA 1989

*Reported in:* Zentrum fur Umfrageforschung Mannheim (ZUMA)  
Wohlfahrtsurveys 1978,1980,1984,1988.  
Unpublished data-set. Especially prepared for the World Database of Happiness.  
Page in Report:

*Population:* 18+ aged, general public, West-Germany, 1978-88

*Sample:*

*Non-Response:* ?

*N:* 2100

## Correlate

*Authors label:* Frequency of meetingfriends (1)

*Our classification:* Current contacts with friends, code F6.3

*Measurement:* Question: 'How many times do you meet your best friend or your best girl-friend?'  
 1 hardly ever 5 nearly every day  
 Coding reversed by us. Signs of correlations reversed accordingly.

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-SLW/c/sq/n/11/  
ba

SNR=

eta

G

r

$\beta$

1978

1980

1984 +.09

+ .09

+ .07

1988 +.06

+ .06

+ .04

$\beta$ 's controlled for age, gender, perceived class and marital status.

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

SNR=

eta

G

r

$\beta$

1978

1980

1984 -.08

- .13

- .07

1988 -.03

- .04

- .03

Correlational finding on Happiness and Visits to friends  
 Subject code: F6.3.1

Study

CSIKS 2003

*Reported in:* Csikszentmihalyi, M.; Hunter, J.  
 Happiness in Everyday Life: the Uses of Experience Sampling.  
 Journal of Happiness Studies, 2003, Vol. 4, 185 - 199. ISSN p 1389 4978; ISSN e  
 1573 7780. DOI 10.1007/s11205-005-0805-6  
 Page in Report: 193

*Population:* Teenagers, USA, 1998

*Sample:* Non-probability purposive sample

*Non-Response:*

*N:* 828

## Correlate

*Authors label:* Socializing with friends

*Our classification:* Visits to friends, code F6.3.1

*Measurement:* % time socializing with friends when beeped

*Remarks:* Participants were beeped at random moments eight times a day from 7:30 am to 10:30 pm for one week. At each beep they answered questions about:  
 a: what activity they were doing on the moment  
 b: whom they were with  
 c: how they felt at that moment (various feelings, one of which happiness)

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-ARE/mi/sqr/n/7/a</u>	<u>Beta=+</u>	Beta controlled for - age - gender - SES
<u>A-ARE/mi/sqr/n/7/a</u>	<u>t.=+2,6</u> <u>p&lt;.009</u>	

## Correlational finding on Happiness and Visits to friends

Subject code: F6.3.1

**Study** PALIS 1983

*Reported in:* Palisi, B. J. ;Canning, C.  
 Urbanism and Social Psychological Well-Being: A Cross-Cultural Test of Three Theories.  
 The Sociological Quarterly, 1983, Vol. 24, 527 - 543. ISSN 0038 2553  
 Page in Report: 537/8

*Population:* Males, metropolitan areas England, USA, Australia, 1977-1980

*Sample:*

*Non-Response:* 67 %

*N:* 752

**Correlate**

*Authors label:* Visit friends (1)

*Our classification:* Visits to friends, code F6.3.1

*Measurement:* Single direct question on how frequently (daily or never) one visits friends

**Observed Relation with Happiness**

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/cw/mq/v/2/a</a>	<u><math>r=+.23</math></u>	London
<a href="#">A-BB/cw/mq/v/2/a</a>	<u><math>rpc=</math></u> <u><math>+.12</math></u> ns	
<a href="#">A-BB/cw/mq/v/2/a</a>	<u><math>r=+.08</math></u>	Los Angeles
<a href="#">A-BB/cw/mq/v/2/a</a>	<u><math>rpc=</math></u> <u><math>+.18</math></u> <u><math>p&lt;.05</math></u>	

A-BB/cw/mq/v/2/a    r=+.12    Sydney

A-BB/cw/mq/v/2/a    rpc=    Controlled for: Neighborhood (centre or suburb),  
+ .24    type of house (single family home or not), marital  
p<.001    status, education, native born or not, and age.

## Correlational finding on Happiness and Visits to friends

Subject code: F6.3.1

### Study                    PALIS 1986A

*Reported in:* Palisi, B.J.  
 Friendship in Three Metropolitan Areas: Cross-Cultural Evidence of Its Voluntariness.  
 Journal of Voluntary Action Research, 1986, Vol. 15, 67 - 78  
 Page in Report: 75

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

*Sample:*

*Non-Response:* 67%

*N:* 752

### Correlate

*Authors label:* Visiting friends (1)

*Our classification:* Visits to friends, code F6.3.1

*Measurement:* Single direct question on how frequently (daily to never) respondents visit with friends in either's home.

### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-FH/cm/sq/v/4/a</u>	<u>r=+.08</u> <u>ns</u>	London



<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.08</u> <u>ns</u>	London
<u>M-FH/cm/sq/v/4/a</u>	<u>rpc=</u> <u>+.13</u> <u>p&lt;.05</u>	
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=</u> <u>+.12 ns</u>	
<u>M-FH/cm/sq/v/4/a</u>	<u>r=+.10</u> <u>p&lt;.05</u>	Los Angeles
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.12</u> <u>p&lt;.05</u>	Los Angeles
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=</u> <u>+.16</u> <u>p&lt;.01</u>	
<u>M-FH/cm/sq/v/4/a</u>	<u>rpc=</u> <u>+.07</u> <u>p&lt;.01</u>	
<u>M-FH/cm/sq/v/4/a</u>	<u>r=+.09</u> <u>ns</u>	Sydney
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.23</u> <u>p&lt;.001</u>	Sydney
<u>M-FH/cm/sq/v/4/a</u>	<u>rpc=</u> <u>+.13 ns</u>	
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=</u> <u>+.23</u> <u>p&lt;.001</u>	Rpc controlled for: marital status, education and age.

## Correlational finding on Happiness and Visits to friends

Subject code: F6.3.1

Study POWDT 2007

*Reported in:* Powdthavee N.

Putting a Price Tag on Friends, Relatives, and Neighbours: Using Surveys of Life Satisfaction to Value Social Relationships  
2008, The Journal of Socio-Economics, vol. 37, 1459-1480. ISSN:.1053 5357. DOI: 10.1016/j.socec.2007.04.004.  
Page in Report: 33, 34, 39

*Population:* 16-65 aged, followed 6 years, Great-Britain, 1997-2003

*Sample:* Probability stratified sample

*Non-Response:* n.a.

*N:* 54424

## Correlate

*Authors label:* Meeting friends and relatives

*Our classification:* Visits to friends, code F6.3.1

*Measurement:* How often do you meet friends or relatives who are not living with you, whether here at your home or elsewhere?  
1 Never and Less often than once a month  
2 Once or twice a month  
3 Once or twice a week  
4 On most days

*Measured Values:* Range= a-d:1-4 M=3,31 SD=0,94 Frequencies in %: All Men Women Age<=30 Age>30 1: 2 3 2 1 3 2: 11 12 9 6 13 3: 40 42 39 31 44 4: 47 43 50 62 40

*Remarks:* Due to a small number of respondents Less often than once a month is considered as Never

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u><a href="#">O-SLW/u/sq/n/7/e</a></u>	<u><a href="#">B=+.21</a></u> <u><a href="#">p&lt;.01</a></u>	2 Once or twice a month (vs. 1)
<u><a href="#">O-SLW/u/sq/n/7/e</a></u>	<u><a href="#">B=+.30</a></u> <u><a href="#">p&lt;.01</a></u>	3 Once or twice a week (vs. 1)

O-SLW/u/sq/n/7/e

B=+.38

4 On most days (vs. 1)

p<.01

B's controlled for:

- frequency of talking to neighbours
- gender
- age
- socioeconomic variables:
  - real household income
  - marital status
  - employment status
  - look after home
  - health status
  - education level
  - household size
  - home ownership
  - days spent in hospital
  - number of children

Robust OLS. Ordered Probit analysis and ordered probit analysis without socioeconomic variables yield similar results

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## Correlational finding on Happiness and Visits to friends

Subject code: F6.3.1

**Study**                      **WINKE 2006B**

*Reported in:* Winkelmann, R.  
Unemployment, Social Capital, and Subjective Well-Being.  
Discussion Paper, IZA, 2006, no. 2346, Bonn, Germany  
Page in Report: 20

*Population:* Employed, who fell unemployed, Germany 1984-2004

*Sample:* Probability stratified sample

*Non-Response:*

*N:* 5536

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## Correlate

*Authors label:* Active social life

*Our classification:* Visits to friends, code F6.3.1

*Measurement:* Attending at least once a week (yes or no) in:

- a Cultural events
- b Entertainment events
- c Sport
- d Visiting friend, relative
- e Voluntary work
- f Church services

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>		
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Attending cultural events	male +,370	female +,614
<u>O-SLW/c/sq/n/11/d</u>	<u>B=-</u>	Attending entertainment events	-,101	-,068
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Sport	+,427	+,502
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Visiting friend, relative	+,224	+,374
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Engaging in voluntary work	+,155	+,186
<u>O-SLW/c/sq/n/11/d</u>	<u>B=+</u>	Attending church services	+,212	+,350
		B's controlled for		
		-sex		
		-nationality		
		-age		
		-marital status		
		-education		
		-East/West-germany		
		B denotes p[oints difference in happiness on scale		
		0-10		

## Correlational finding on Happiness and Telephone calls with friends

## Subject code: F6.3.2

## 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: 43

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

*Sample:*

*Non-Response:* -

*N:* 2006

## Correlate

*Authors label:* Telephone contacts with friends (1)

*Our classification:* Telephone calls with friends, code F6.3.2

*Measurement:* Closed question rated on a 6-point scale: none / less than one a day / once a day or more.

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<a href="#">A-BB/cw/mq/v/4/e</a>	<u>G= +</u>	Index of Positive Affects only: G' = +.22 (01) U-shaped curve: Those with less than 1 telephone contact a day having most positive feelings. Lower among high S.E.S : G' = +.12 (ns) Stronger among low S.E.S. : G' = +.26 (ns)

Correlational finding on Happiness and Telephone calls with friends  
 Subject code: F6.3.2

## Study BRADB 1969

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

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

*Sample:*

*Non-Response:* ± 20%, Attrition ± 30%

*N:* 2787

## Correlate

*Authors label:* Chatting with friends on telephone (1)

*Our classification:* Telephone calls with friends, code F6.3.2

*Measurement:* Direct question on how many times a day during the past few weeks, rated on a 6-point scale.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/cm/mq/v/2/a</u>	<u>G=+</u>	Data T1. Not computed for summed ABS. Index of Positive Affects: G= +.20 Index of Negative Affects: G= +.08

## Correlational finding on Happiness and Telephone calls with friends Subject code: F6.3.2

### Study PAYNE 1974

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

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

*Sample:*

*Non-Response:* 4% incomplete.

*N:* 192

---

## Correlate

*Authors label:* Talking with friendson telephone. (1)

*Our classification:* Telephone calls with friends, code F6.3.2

*Measurement:* Direct question on number of times per day, rated on a 5-point scale ranging from 'none' to '4 or more'.

---

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

[A-BB/cm/mq/v/5/a](#)

G=

Index of Positive Affects: G = -.08

Index of Negative Affects: G = -.21

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## Correlational finding on Happiness and Attendance of parties

Subject code: F6.3.3

**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

*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

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## Correlate

*Authors label:* Attending parties (1)

*Our classification:* Attendance of parties, code F6.3.3

*Measurement:* Direct question: never / once a month or less / more than once a month

---

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

[A-BB/cw/mq/v/4/f](#)

G= +

Index of Positive Affects only: G = +.28 (05)

---

## Correlational finding on Happiness and Attendance of parties

Subject code: F6.3.3

### Study

### BULAT 1973

*Reported in:* Bulatao, R.A.  
Measures of Happiness among Manila Residents.  
Philippine Sociological Review, 1973, Vol. 21, 229 - 238  
Page in Report: 232

*Population:* 21+ aged, general public, Metro Manila, Philippines, 1972

*Sample:*

*Non-Response:* -

*N:* 941

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## Correlate

*Authors label:* Attending parties (1)

*Our classification:* Attendance of parties, code F6.3.3



*Measurement:* Direct question: not at all / once / more than once in the past week.

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>C-BW/c/sq/l/11/a</u>	<u>G= +</u>	Males : G = +.42 Females : G = +.47
<u>O-HL/c/sq/v/3/f</u>	<u>G= +</u>	Males : G = +.19 Females : G = +.53

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## Correlational finding on Happiness and Intimate discussions

Subject code: F6.3.5

### Study PALIS 1986A

*Reported in:* Palisi, B.J.  
Friendship in Three Metropolitan Areas: Cross-Cultural Evidence of Its Voluntariness.  
Journal of Voluntary Action Research, 1986, Vol. 15, 67 - 78  
Page in Report: 75

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

*Sample:*

*Non-Response:* 67%

*N:* 752

---

## Correlate

*Authors label:* Discussions with friends (1)

*Our classification:* Intimate discussions, code F6.3.5

*Measurement:* Single direct question on how frequently (daily to never) respondents have intimate discussions with friends.

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-FH/cm/sq/v/4/a</u>	<u>r=-.02 ns</u>	Los Angeles
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.11 ns</u>	Los Angeles
<u>M-FH/cm/sq/v/4/a</u>	<u>rpc=+.06 ns</u>	
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=+.12 p&lt;.05</u>	
<u>A-BB/cm/mq/v/2/a</u>	<u>r=+.27 p&lt;.001</u>	Sydney
<u>M-FH/cm/sq/v/4/a</u>	<u>r=+.14 p&lt;.01</u>	Sydney
<u>M-FH/cm/sq/v/4/a</u>	<u>rpc=+.15 p&lt;.01</u>	
<u>A-BB/cm/mq/v/2/a</u>	<u>rpc=+.30 p&lt;.001</u>	Rpc controlled for: marital status, education and age. In London discussions with friends not measured.

## Correlational finding on Happiness and Intimate discussions

Subject code: F6.3.5

**Study** UGLAN 2006

*Reported in:* Uglanova, E.  
Analysis of Happiness Variable in Monitoring of Social and Economic Changes in Russia 1993 - 2.  
Data Independent Institute for Social Policy, 2006, Russia <http://sofist.socpol.ru>  
Page in Report: question 97

*Population:* 16+ aged, Russia, 1993

*Sample:* Probability multi-stage cluster sample

*Non-Response:* ?

*N:* 2018

## Correlate

*Authors label:* Topics for discussion among friends

*Our classification:* Intimate discussions, code F6.3.5

*Measurement:* What the most often do your friends discuss when they get together?

- a household chores
- b children
- c prices, purchases, lines
- d work matters
- e TV programs, newspaper articles
- f politics
- g sport
- h common friends
- i women (men)
- j entertainments
- k other things
- DK/NA

*Measured Values:* N = a: 46,8% b: 39,5% c: 58,9% d: 10,6% e: 27,9% f: 26,4% g: 4,5% h: 21,6% i: 11,5% j: 9% k: 2,4% DK/NA: 4,2%

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>O-SLW/c/sq/v/4/g</u>	<u>DM=</u>	mentioned	not mentioned	differences
		a: M = 2,52	M = 2,52	0,00
		b: M = 2,54	M = 2,50	+ 0,04
		c: M = 2,45	M = 2,63	- 0,18
		d: M = 2,55	M = 2,52	+ 0,03
		e: M = 2,56	M = 2,51	+ 0,05
		f: M = 2,58	M = 2,50	+ 0,08
		g: M = 2,85	M = 2,51	+ 0,34
		h: M = 2,51	M = 2,52	- 0,01
		i: M = 2,62	M = 2,51	- 0,11
		j: M = 2,69	M = 2,50	+ 0,19
		k: M = 2,67	M = 2,52	+ 0,15

## Correlational finding on Happiness and Intimate discussions

Subject code: F6.3.5

### Study UGLAN 2006

*Reported in:* Uglanova, E.  
 Analysis of Happiness Variable in Monitoring of Social and Economic Changes in Russia 1993 - 2.  
 Data Independent Institute for Social Policy, 2006, Russia <http://sofist.socpol.ru>  
 Page in Report: question 97

*Population:* 16+ aged, Russia, 1993

*Sample:* Probability multi-stage cluster sample

*Non-Response:* ?

*N:* 2018

### Correlate

*Authors label:* Variety of topics for discussion among friends

*Our classification:* Intimate discussions, code F6.3.5

*Measurement:* What the most often do your friends discuss when they get together?

- a household chores
- b children
- c prices, purchases, lines
- d work matters
- e TV programs, newspaper articles
- f politics
- g sport
- h common friends
- i women (men)
- j entertainments
- k other things
- DK/NA

*Measured Values:* M = 2,59 SD = 0,9

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/c/sq/v/4/g</u>	<u>r=+.05</u> <u>p&lt;.20</u>	

## Correlational finding on Happiness and Current friendship network

Subject code: F6.4

### Study HEADE 1993

*Reported in:* Headey, B.; Kelley, J.; Wearing, A..  
Dimensions of Mental Health: Life Satisfaction, Positive Affect, Anxiety and Depression.  
Social Indicators Research, 1993, Vol. 29, 63 - 82. ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1007/BF01136197  
Page in Report: 76

*Population:* 18-65 aged, Victoria, Australia, followed every 2 years from 1981 to 1987

*Sample:* Probability stratified sample

*Non-Response:*

*N:* 419

## Correlate

*Authors label:* Availability of friends

*Our classification:* Current friendship network, code F6.4

*Measurement:* Selfreport  
Questions not reported

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-Sum*/mq*/l0/a</u>	<u>r=+.22</u> <u>p&lt;.05</u>	

## Correlational finding on Happiness and Current friendship network Subject code: F6.4

### Study ROSEN 1992

*Reported in:* Rosenfield, S.  
Factors Contributing tot the Subjective Quality of Life of the Chronic Mentally III  
Journal of Health and Social Behavior, 1992, 33, 299-315, ISSN 0022 1465  
Page in Report: 305, 312

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

*Sample:* Non-probability purposive sample

*Non-Response:* 7%

*N:* 157

## Correlate

*Authors label:* Social skills

*Our classification:* Current friendship network, code F6.4

*Measurement:* Selfreport on questions related to: (6 items) e.g.

- help in relationships
- communicating
- developing trust
- increasing friends
- self-confidence in relating

Rated on a 3-point numerical scale

*Measured Values:* M=1,82

---

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

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

Beta=-.18  
ns

Beta controlled for:

- demographic characteristics:
  - age
  - sex
  - education
  - race
- number of negative events in the last year
- functioning in het area of:
  - daily living skills
  - vocational skills
- need for structure
- need for supervision
- social contacts
- positive symptoms
- negative symptoms

---

## Correlational finding on Happiness and Friends are friends

Subject code: F6.4.2

**Study**                      **MOSER 1969**

*Reported in:* Moser-Peters, C.M.  
Achtergronden van Geluksgevoelens. (Backgrounds of Happiness Feelings).  
Nederlands Instituut voor Preventieve Geneeskunde (TNO), 1969, Leiden,  
Netherlands  
Page in Report: 29

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

*Sample:*

*Non-Response:* 14% unattainable etc.

*N:* 300

---

## Correlate

*Authors label:* Relative closedness of circle of acquaintances. (1)

*Our classification:* Friends are friends, code F6.4.2

*Measurement:* Question: 'Do your friends and acquaintances also know each other?'  
Response categories ranged from  
1: no, practically none  
.  
.  
5: yes, practically all

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/5/c</u>	<u>G=+.24</u> <u>p&lt;.05</u>	

---

## Correlational finding on Happiness and Married friends Subject code: F6.4.3

### Study **DEJON 1969**

*Reported in:* DeJong-Gierveld, J.  
De Ongehuwden. (The Unmarried).  
Samson, 1969, Alphen a/d Rijn, Netherlands.  
Page in Report: 203

*Population:* 30-55 aged, general public, Amsterdam, The Netherlands, 1965

*Sample:*

*Non-Response:* 31%;



N: 600

---

## Correlate

*Authors label:* Number of married people among 4 closest friends. (1)

*Our classification:* Married friends, code F6.4.3

*Measurement:* Direct questions.

---

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-SL?/?/sq/v/5/a

r=+

Computed for never marrieds only.

Males : r = +.05

Females: r = +.09

---

## Correlational finding on Happiness and Attitudes to friendship

Subject code: F6.6

### Study

### COSTA 1985

*Reported in:* Costa, P.T.; Zonderman, A.B.; McCrae, R.R.  
Longitudinal Course of Social Support among Men in the Baltimore Longitudinal Study of Aging.  
Sarason, I.G.; Sarason, B.R.;Eds.: 'Social Support:Theory, Research and Applications", M.Nijhoff, 1985, Dordrecht, Netherlands, 137 - 154. ISBN 90 246 2688 3  
Page in Report: 142

*Population:* Married males, followed  $\pm$ 12 years Baltimore, USA, 1958-1970

*Sample:*

*Non-Response:* Attrition T1-T3: 82%

N: 196

---

## Correlate

*Authors label:* Quantity and quality of friendships (1)

*Our classification:* Attitudes to friendship, code F6.6

*Measurement:* Obtained by factor analysis.  
Factor consisting of 8 items.  
Items with high loading:  
" My many friends make my life happy and cheerful".  
"I have more friends than I ever had before".  
"How many friends do you have?"  
Questions administered at T1.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">C-A/h/sq/v/3/a</a>	<u><math>r=+.29</math></u> <u><math>p&lt;.01</math></u>	Happiness assessed at T1

## Correlational finding on Happiness and Attitudes to friendship Subject code: F6.6

### 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: 607, 610

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

*Sample:* Non-probability accidental sample

*Non-Response:* 62%

*N:* 134

## Correlate

*Authors label:* Support from friends

*Our classification:* Attitudes to friendship, code F6.6

*Measurement:* Selfreport on single question:  
As a source of personal and emotional support, how would you rate your friends?

Rated: 1=poor 9=excellent

*Measured Values:* Mean 6,74 SD 1,63

*Error Estimates:* three-week retest  $r=+.80$

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLu/u/sq/n/5/a</u>	<u><math>r=+.28</math></u> <u><math>p&lt;.01</math></u>	

## Correlational finding on Happiness and Concern about friends Subject code: F6.6.1

### Study MAN 1991

*Reported in:* Man, P.  
The Influence of Peers and Parents on Youth Life Satisfaction in Hong Kong.  
Social Indicators Research, 1991, Vol. 24, 347 - 365. ISSN p 0303 8300: ISSN e 1573 0921 DOI:10.1007/BF00383734  
Page in Report: 358

*Population:* 13-16 aged students, Hong Kong, 1983-1984.

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 1906

## Correlate

*Authors label:* peer orientation

*Our classification:* Concern about friends, code F6.6.1

*Measurement:* Peer orientation index consisting of 6 items as to the degree to which the adolescent feels attached to his peers.

*Measured Values:* Range 4-22. Tricholomized into 4-9 (low), 10-13 (medium) and 14-22 (high).

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

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

DM=+

	Grade 1	Grade 4
Low	M= 4.16	3.78
Medium	M= 4.03	3.83
High	M= 3.86	3.68
All	M= 4.00	3.76

Significant (.05) in grade 1 (young), not significant in grade 4 (older)

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

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study ABRAM 1972

*Reported in:* Abrams, M.; Hall, J.  
The Condition of the British People: Report on a Pilot Survey using Self-Rating Scales. Unpublished paper, Social Science Research Council, 1972, London, UK.  
Page in Report: 21

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

*Sample:*

*Non-Response:*

*N:* 213

## Correlate

*Authors label:* Satisfaction with one's friendship (1)

*Our classification:* Satisfaction with friends, code F6.6.2

*Measurement:* Closed question rated on an 11-point self-anchoring scale, based on Cantril (1965)

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>O-SLW/c/sq/l/11/b</u>	<u>r=+.08</u>	
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## Correlational finding on Happiness and Satisfaction with friends

Subject code: F6.6.2

**Study**                      **ANDRE 1976/1**

*Reported in:* Andrews, F.M.; Withey, S.B.  
 Social Indicators of Well-being: Americans' Perceptions of Life Quality  
 Plenum Press, 1976. New York, USA.. ISBN 0 306 30935 1  
 Page in Report: 112

*Population:* 18+ aged, general public, non-institutionalized, USA, 1972/75

*Sample:*

*Non-Response:* 24%

*N:* 1297

---

## Correlate

*Authors label:* Satisfaction with social contacts and friends (1)

*Our classification:* Satisfaction with friends, code F6.6.2

*Measurement:* Index of questions: "How do you feel about....?"  
 1. social contacts  
 2. the time spent with friends.  
 Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt/v/7/a</u>	<u>E<sup>2</sup>=+.34</u>	Unaffected by sex

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study ANDRE 1976/3

*Reported in:* Andrews, F.M.; Withey, S.B.  
 Social Indicators of Well-being: Americans' Perceptions of Life Quality  
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1  
 Page in Report: 112

*Population:* 18+ aged, general public, non institutionalized, USA, 1972/11

*Sample:*

*Non-Response:* 38%

*N:* 1072

---

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Closed question: "How do you feel about the things you do and the times you have with your friends?"  
 Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqrt/v/7/a</u>	<u>E<sup>2</sup>=+.36</u>	

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study ANDRE 1976/5

*Reported in:* Andrews, F.M.; Withey, S.B.  
 Social Indicators of Well-being: Americans' Perceptions of Life Quality  
 Plenum Press, 1976, New York, USA. ISBN 0 306 30935 1  
 Page in Report: 112

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

*Sample:*

*Non-Response:*

*N:* 222

### Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* 3-item index containing satisfaction with the people one sees socially, with one's friends, and with the things one does and the times one has with friends: "How do you feel about...?"  
 Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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<u>O-DT/u/sqt/v/7/a</u>	<u>r=+.46</u>	
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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study AUSTR 1984/2

*Reported in:* Austrom, D.R.  
 The Consequences of Being Single.  
 Peter Lang Publisher, 1984, New York, USA ISBN 0 8204 0095 5  
 Page in Report: 109/134

*Population:* 23-59 aged English speaking, Toronto and Ontario, Canada, 198?

*Sample:*

*Non-Response:* 45%

*N:* 1038

## Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single closed question: All things considered, how satisfied or dissatisfied are you with your friendships (the number of friends you have, the type of people they are, the things you do together). Rated on a 11-point scale ranging from completely dissatisfied to completely satisfied.

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

[O-SLW/u/sq/n/11/a](#)

$r=+.47$

ALL Ss (married (including not formally married cohabitating Ss (considered as married) and non-married):

$\beta = +.18$  after control for: gender, age, household income, marital status, being in love, desire to change dating pattern or marital status, locus of control, social support (1. instrumental: problems managing money, problems deciding how to spend money, not enough money to do things, unsatisfying job, not enough money to get by on; 2. expressive: having no close companions, having no one to depend on, unsatisfactory sex life, problems communicating, dissatisfied with marital status, having not enough close friends, having no one to show love/affection, too dependent on others, not having children, having no one to



understand problems; 3. interpersonal demands: having too many responsibilities, having no one to depend on, too many demands on time, problems communicating, problems with children, problems with spouse/ex-spouse, conflicts with those who are close), and satisfaction with: job and financial situation and love relationships.

NON-MARRIED Ss ONLY:

- males:  $r = +.48$   $\beta = +.27$

- females:  $r = +.42$   $\beta = +.10$

Beta's controlled for the same variables as above, except marital status and gender.

---

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study **BACH 1993**

*Reported in:* Bach J.R., Tilton M.C  
Life Satisfaction and Well-Being Measures in Ventilator Assisted Individuals With traumatic Tetraplegia  
Arch Phys Rehabil Vol 75, June 1994, 626-632.  
Page in Report: 626-629

*Population:* Tetraplegia patients and controls, USA, 1985

*Sample:* Non-probability purposive sample

*Non-Response:* 40%

*N:* 87

---

### Correlate

*Authors label:* Satisfaction with social life

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Self report on single question:  
 1 completely dissatisfied  
 .  
 .  
 7 completely satisfied

*Measured Values:* Patients ventilator assist M = 4.48 SD = 1.99 Patients autonom breathing M = 4.36 SD = 1.93 Healthy controls M = 5.36 SD = 1.39

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/u/sq/n/7/a</u>	<u>r=+.56</u> <u>p&lt;.001</u>	Patients ventilator assisted
<u>O-SLW/u/sq/n/7/a</u>	<u>r=+.73</u> <u>p&lt;.001</u>	Patients autonom breathing
<u>O-SLW/u/sq/n/7/a</u>	<u>r=+.50</u> <u>p&lt;.001</u>	Healthy controls

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **BAKER 1976**

*Reported in:* Baker, E.K.  
 Relationship of Retirement and Satisfaction with Life Events to Locus of Control.  
 Unpublished PhD Dissertation, University of Wisconsin, 1976, Madison, USA  
 Page in Report: 63

*Population:* 55+ aged males, USA, 1971

*Sample:*

*Non-Response:*

*N:* 200

## Correlate

*Authors label:* Satisfaction with friendships (2)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Question: How satisfied are you with your friendships?  
Rated on 7 point scale ranging from 'completely dissatisfied' to 'completely satisfied'.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-SLW/u/sq/v/7/a</a>	<a href="#">r=+.30</a>	

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **BAKER 1976**

*Reported in:* Baker, E.K.  
Relationship of Retirement and Satisfaction with Life Events to Locus of Control.  
Unpublished PhD Dissertation, University of Wisconsin, 1976, Madison, USA  
Page in Report: 63

*Population:* 55+ aged males, USA, 1971

*Sample:*

*Non-Response:*

*N:* 200

## Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Question: How much satisfaction do you get from your friendships?  
 Rated on 7 point scale ranging from 'completely dissatisfied' to 'completely satisfied'.

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/u/sq/v/7/a</u>	<u>r=+.16</u>	

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study **BAKER 1976**

*Reported in:* Baker, E.K.  
 Relationship of Retirement and Satisfaction with Life Events to Locus of Control.  
 Unpublished PhD Dissertation, University of Wisconsin, 1976, Madison, USA  
 Page in Report: 63

*Population:* 55+ aged males, USA, 1971

*Sample:*

*Non-Response:*

*N:* 200

---

## Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Question: How much dissatisfaction do you get from your friendships?  
 Rated on 7 point scale ranging from 'completely dissatisfied' to 'completely satisfied'.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-SLW/u/sq/v/7/a</a>	<a href="#">r=+.11</a>	

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study BAKKE 1974

*Reported in:* Bakker, P.; VandeBerg, N.  
 Determinanten en Correlaten van Geluk.(Determinants and Correlates of Happiness).  
 Unpublished Thesis, Erasmus University Rotterdam, 1974, Netherlands  
 Page in Report: 27

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

*Sample:*

*Non-Response:* 34% refusal and unattainable.

*N:* 1552

---

### Correlate

*Authors label:* Satisfaction with friends. (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Closed question rated on an open graphic scale ranging from 'very dissatisfied' to 'very satisfied'.

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-HP/g/sq/ol/7/a</a>	<a href="#">G=+.59</a> <a href="#">p&lt;.05</a>	Unaffected by age and sex. Lower among medium S.E.S. Stronger among low educational level.

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

**Study** BALAT 1993

*Reported in:* Balatsky, G.; Diener, E.  
 Subjective Well-Being among Russian Students.  
 Social Indicators Research, 1993, Vol. 28, 225 - 243 ISSN p 0303 8300; ISSN e 1573  
 0921 DOI:10.1007/BF01079019  
 Page in Report: 235

*Population:* Students, Moscow and Glazov (Ural), Russia, 1990

*Sample:* Non-probability chunk sample

*Non-Response:* not reported

*N:* 116

**Correlate**

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single question: "How do you feel about your friendships right now?".  
 Rated on 7-point scale from:  
 1. Terrible.....to  
 .  
 .  
 7. Delighted.

*Measured Values:* M= 5.04; SD= 1.36

**Observed Relation with Happiness**

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sq/v/7/a</u>	<u>r=+.17</u> <u>ns</u>	
<u>O-DT/c/sq/v/7/b</u>	<u>r=+.12</u> <u>ns</u>	

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study BECKE 1984

*Reported in:* Becker, J.W.; Vink, R.  
 Werkelozen, Arbeidsongeschikten en Werkenden Vergeleken. ( A Comparison between the Unemployed, Disabled Workers and the Employed).  
 Social and Cultural Planning Office, 1984, Rijswijk, Netherlands  
 Page in Report: V576

*Population:* 18-64 aged, general public, The Netherlands, 1982

*Sample:* Probability multi-stage cluster sample

*Non-Response:* 68-94%

*N:* 465

### Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single question:  
 "To what extent are you satisfied with your friends and acquaintances?"  
 0=very dissatisfied  
 1=dissatisfied  
 2=neither satisfied nor dissatisfied  
 3=satisfied  
 4=very satisfied

*Measured Values:* M=1.9645 SD=0.6718

### Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-SLW/c/sq/v/5/n</u>	<u>r=+.23</u> <u>p&lt;.000</u>	working

O-SLW/c/sq/v/5/n    r=+.29    unemployed  
p<.000

O-SLW/c/sq/v/5/n    r=+.26    disabled  
p<.000

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study                      BERNO 1985

*Reported in:* Bernow, R  
 Livskvaliteten i Sverige. (Lifequality in Sweden)  
 Stockholm Läns Landstring, 1985, Stockholm, Sweden.  
 Page in Report: 39

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

*Sample:*

*Non-Response:* ?

*N:* 1558

### Correlate

*Authors label:* Satisfaction with time with friends and acquaintances (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:*

### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>O-SLW/c/sq/v/7/a</u>	<u>r=+.46</u>	
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## Correlational finding on Happiness and Satisfactions with friends



## Subject code: F6.6.2

Study **BERNO 1985**

*Reported in:* Bernow, R  
 Livskvaliteten i Sverige. (Lifequality in Sweden)  
 Stockholm Läns Landstring, 1985, Stockholm, Sweden.  
 Page in Report: 39

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

*Sample:*

*Non-Response:* ?

*N:* 1558

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## Correlate

*Authors label:* Satisfaction with things done with friends/acquaint. (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/c/sqt/v/7/a</u>	<u>r=+.43</u>	

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Correlational finding on Happiness and Satisfactions with friends  
Subject code: F6.6.2Study **BERNO 1985**

*Reported in:* Bernow, R  
 Livskvaliteten i Sverige. (Lifequality in Sweden)  
 Stockholm Läns Landstring, 1985, Stockholm, Sweden.  
 Page in Report: 40

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

*Sample:*

*Non-Response:* ?

*N:* 1558

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## Correlate

*Authors label:* Satisfaction with circle of friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-SLW/c/sqt/v/7/a</a>	<a href="#">r=+.43</a>	

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study **BRANH 1991**

*Reported in:* Bränholm, I.B.; Eklund, M.; Fugl-Meyer, K.S.; Fugl - Meyer, A.R.  
On Work and Life Satisfaction.  
Eklund, M;:" On vocational Rehabilitation in Northern Sweden", Dissertation,  
University of Umea, 1991, 95 - 107  
Page in Report: 103

*Population:* 25-55 aged, vocationally actives, Umea, Northern Sweden, 1986/87

*Sample:* Probability stratified sample

*Non-Response:*

*N:* 163

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## Correlate

*Authors label:* Satisfaction with contacts with friends and acquaintances (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* How satisfactory is this aspect of your life?.....  
 Contacts with friends and acquaintances.  
 1 very dissatisfying  
 2 dissatisfying  
 3 rather dissatisfying  
 4 rather satisfying  
 5 satisfying  
 6 very satisfying

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">O-SLW/u/sq/v/6/a</a>	<u>rs=+.34</u> <u>p&lt;.001</u>	

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **CAMPB 1981**

*Reported in:* Campbell, A.  
 The Sense of Well-Being in America.  
 McGraw-Hill, 1981, New York, USA ISBN 0 07 0096 83X  
 Page in Report: 107

*Population:* 18+ aged, general public, non-institutionalized USA, 1978

*Sample:*

*Non-Response:* about 20 %

*N:* 3692

## Correlate

*Authors label:* Satisfied with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single closed question on amount of satisfaction with friendships, rated on a 7-point scale ranging from completely dissatisfied to completely satisfied.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/c/sq/n/7/a</u>	<u>r=+.39</u>	

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study **DIENE 1991/1**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA.  
Page in Report: 18

*Population:* University students, Austria, 1991

*Sample:*

*Non-Response:*

*N:* 319

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.45</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.47</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE 1991/2**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Bahrain, 1991

*Sample:*

*Non-Response:*

*N:* 275

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.22</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.28</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE 1991/3**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Bangladesh, 1991

*Sample:*

*Non-Response:*

*N:* 262

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=-.05</u> <u>p&lt;.NS</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.17</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE 1991/4**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA.  
Page in Report: 18

*Population:* University students, Brazil, 1991

*Sample:*

*Non-Response:*

*N:* 268

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.43</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.46</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE 1991/5**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Cameroon, 1991

*Sample:*

*Non-Response:*

*N:* 159

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2



*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.12</u> <u>p&lt;.NS</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.46</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE 1991/6**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA.  
Page in Report: 18

*Population:* University students, Canada, 1991

*Sample:*

*Non-Response:*

*N:* 1600

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.45</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.49</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE 1991/7**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA.  
Page in Report: 18

*Population:* University students, Chile, 1991

*Sample:*

*Non-Response:*

*N:* 256

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.33</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.35</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE 1991/8**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Egypt, 1991

*Sample:*

*Non-Response:*

*N:* 274

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

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## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.22</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.27</u> <u>p&lt;.01</u>	males

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study **DIENE 1991/9**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA.  
Page in Report: 18

*Population:* University students, Finland, 1991

*Sample:*

*Non-Response:*

*N:* 270

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## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.45</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.41</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/10**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA.  
Page in Report: 18

*Population:* University students, Germany, 1991

*Sample:*

*Non-Response:*

*N:* 540

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.48</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.45</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/11**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Greece, 1991

*Sample:*

*Non-Response:*

*N:* 164

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.33</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.36</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/12**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, India, 1991

*Sample:*

*Non-Response:*

*N:* 234

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.31</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.34</u> <u>p&lt;.01</u>	males

Correlational finding on Happiness and Satisfactions with friends  
Subject code: F6.6.2

## Study DIENE1991/13

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Israel, 1991

*Sample:*

*Non-Response:*

*N:* 317

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2



*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.42</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.53</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/14**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Japan, 1991

*Sample:*

*Non-Response:*

*N:* 1200

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.09</u> <u>p&lt;.NS</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.37</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/15**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Jordan, 1991

*Sample:*

*Non-Response:*

*N:* 279

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.12</u> <u>p&lt;.NS</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.24</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/16**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Kenya, 1991

*Sample:*

*Non-Response:*

*N:* 462

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.56</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.43</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/17**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Korea, 1991

*Sample:*

*Non-Response:*

*N:* 241

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.36</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.36</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/18**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Mexico, 1991

*Sample:*

*Non-Response:*

*N:* 220

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.25</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.44</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/19**

*Reported in:* Diener, E; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Netherlands, 1991

*Sample:*

*Non-Response:*

*N:* 352

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.25</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.51</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/20**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, New Zealand,1991

*Sample:*

*Non-Response:*

*N:* 314

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.41</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.44</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/21**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Norway, 1991

*Sample:*

*Non-Response:*

*N:* 222

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2



*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.22</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.39</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/22**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Philippines, 1991

*Sample:*

*Non-Response:*

*N:* 953

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.37</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.28</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/23**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Puerto Rico, 1991

*Sample:*

*Non-Response:*

*N:* 297

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.21</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.56</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/24**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Singapore, 1991

*Sample:*

*Non-Response:*

*N:* 256

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.40</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.41</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/25**

*Reported in:* Diener, E.; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, South Africa, 1991

*Sample:*

*Non-Response:*

*N:* 275

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.24</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.35</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/26**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Spain, 1991

*Sample:*

*Non-Response:*

*N:* 275

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.22</u> <u>p&lt;.NS</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.41</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/27**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Tanzania, 1991

*Sample:*

*Non-Response:*

*N:* 222

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.33</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.25</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/28**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Thailand, 1991

*Sample:*

*Non-Response:*

*N:* 571

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.28</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.35</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/29**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Turkey, 1991

*Sample:*

*Non-Response:*

*N:* 287

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2



*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.44</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.39</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/30**

*Reported in:* Diener, E.;Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, U.S.A, 1991

*Sample:*

*Non-Response:*

*N:* 1234

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.41</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.48</u> <u>p&lt;.01</u>	males

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **DIENE1991/31**

*Reported in:* Diener, E; Diener, M.  
Cross-Cultural Correlates of Life Satisfaction and Self-Esteem.  
Unpublished Paper, University of Illinois, Department of Psychology, Champaign, USA  
Page in Report: 18

*Population:* University students, Yugoslavia, 1991

*Sample:*

*Non-Response:*

*N:* 332

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 7-point Delighted-Terrible scale.  
Part of a 12 item inventory of domain-satisfactions

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.32</u> <u>p&lt;.01</u>	females
<u>O-DT/c/sq/v/7/c</u>	<u>r=+.63</u> <u>p&lt;.01</u>	males

Correlational finding on Happiness and Satisfactions with friends  
Subject code: F6.6.2

## Study

### GLENN 1981C

*Reported in:* Glenn, N.D.; Weaver, C.N.  
The Contribution of Marital Happiness to Global Happiness.  
Journal of Marriage and the Family, 1981, Vol. 43, 161-168. ISSN 0022 2445  
Page in Report: 164

*Population:* Marrieds, non-institutionalized, USA, 1973-78

*Sample:*

*Non-Response:*

*N:* 9000

## Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Direct question: "For each area of life I am going to name, tell me the number that shows how much satisfaction you get from that area? 1.a very great deal, 2.a great deal, 3.quite a lot, 4.a fair amount, 5.some, 6.a little, 7.none"

## Observed Relation with Happiness

### Happiness Measure

### Statistics Elaboration/Remarks

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

r=+

Married persons working full-time:

- white men:  $r=+.22$   $\beta=+.03$
- black men:  $r=+.23$   $\beta=+.11$
- white women:  $r=+.29$   $\beta=+.01$
- black women:  $r=+.13$   $\beta= .06$

All married women:

- white:  $r=+.30$   $\beta=+.06$
- black:  $r=+.26$   $\beta=+.11$

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

r=+

Married persons working full-time:

- white men:  $r=+.22$   $\beta=+.03$
- black men:  $r=+.23$   $\beta=+.11$
- white women:  $r=+.29$   $\beta=+.01$
- black women:  $r=+.13$   $\beta= .06$

All married women:

- white:  $r=+.30$   $\beta=+.06$
- black:  $r=+.26$   $\beta=+.11$

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

Beta=+

$\beta$  controled for marital happiness, satisfaction with: work, financial situation, community, nonworking activities, family life and health

Correlational finding on Happiness and Satisfactions with friends  
Subject code: F6.6.2

**Study**                      **HARRY 1976**

*Reported in:* Harry, J.  
 Evolving sources of happiness for men over the life cycle: A structural analysis  
 Journal of Marriage and the Family, Vol 38, 1976, 289-296  
 Page in Report: 292

*Population:* 18+ aged males, living with family, USA, 1973

*Sample:*

*Non-Response:*

*N:* 374

**Correlate**

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single item self-rating on how much satisfaction one receives from friends

**Observed Relation with Happiness**

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u><a href="#">O-HL/c/sq/v/3/aa</a></u>	<u><math>r=+.14</math></u> <u>ns</u>	Single
<u><a href="#">O-HL/c/sq/v/3/aa</a></u>	<u><math>r=+.18</math></u> <u>ns</u>	Married, no children
<u><a href="#">O-HL/c/sq/v/3/aa</a></u>	<u><math>r=+.26</math></u> <u><math>p&lt;.05</math></u>	Married, pre-school children
<u><a href="#">O-HL/c/sq/v/3/aa</a></u>	<u><math>r=+.21</math></u> <u>ns</u>	Married, schoolage children
<u><a href="#">O-HL/c/sq/v/3/aa</a></u>	<u><math>r=+.32</math></u> <u>ns</u>	Married, teenage children
<u><a href="#">O-HL/c/sq/v/3/aa</a></u>	<u><math>r=+.27</math></u> <u><math>p&lt;.05</math></u>	Married, children grown up

## Correlational finding on Happiness and Satisfactions with friends

### Subject code: F6.6.2

#### Study **HEADE 1981**

*Reported in:* Headey, B.  
The Quality of Life in Australia  
Social Indicators Research, 1981, Vol. 9, 155 - 18. ISSN p 0303 8300;ISSN e 1573  
0921 DOI:10.1007/BF00286195  
Page in Report: 166

*Population:* Adults, general public, Australia 1978

*Sample:* Probability sample (unspecified)

*Non-Response:* not reported

*N:* 679

#### Correlate

*Authors label:* Friends index

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Index of 4 single questions on satisfaction with:  
a: The people you see socially  
b: Your friends  
c: The friends of opposite sex you have  
d: How much you are accepted and included by others  
All scored on a 1-9 rating scale, summation by average.

*Measured Values:* M = 7.1 SD = 0.9

*Remarks:* All items scored on the same rating scale as the question on happiness.

#### Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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O-DT/u/sqrt/v/9/a      r=+.49  
p<.001

O-DT/u/sqrt/v/9/a      Beta=      all cases  
+.05      Beta's controlled for satisfaction with

- self-fulfillment
- sex life
- problem handling
- family activities
- work around the house
- mother
- health
- house
- standard of living
- assertiveness
- fun and enjoyment
- marriage

O-DT/u/sqrt/v/9/a      Beta=      married cases  
+.08      Beta's controlled for satisfaction with

- self-fulfillment
- sex life
- problem handling
- family activities
- work around the house
- mother
- health
- house
- standard of living
- assertiveness
- fun and enjoyment
- marriage

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

**Study**                      **HEADE 1984**

*Reported in:* Headey, B., Holmström, E.;Wearing, A.  
The Impact of Life Events and Changes in Domain Satisfactions on Well-Being.  
Social Indicators Research, 1984, Vol. 15, 203 - 227. ISSN p 0303 8300; ISSN e 1573  
0921 DOI:10.1007/BF00668671  
Page in Report: 211

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

*Sample:*

*Non-Response:*

*N:* 184

## Correlate

*Authors label:* Satisfaction with contacts with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Closed question rated on a 9- point scale (delighted ... terrible) Assessed at T2.

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

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

Beta=

+ .20

p < .05

Happiness T2 by satisfaction T2, controlling for happiness T1 and satisfaction T1.

$\beta$  can be interpreted as regression between CHANGE OF HAPPINESS and CHANGE OF SATISFACTION in time.

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

**Study**

**HEADE 1985**

*Reported in:* Headey, B.  
Victorian Panel Data, 1985.  
Unpublished Report, University of Melbourne, 1985, Australia  
Page in Report:

*Population:* 18+ aged, general public, Melbourne, Australia, 1985

*Sample:*

*Non-Response:* 55%



N: 550

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## Correlate

*Authors label:* Satisfaction with friendships and leisure (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct question rated on a 9-point delighted-terrible scale.

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## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-DT/c/sq/v/7/b

Beta=  
+.39  
p<.05

$\beta$  controlled for satisfaction with: marriage and sex, job, standard of living, and health

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## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study

### HEADE 1989

*Reported in:* Headey, B ;Veenhoven, R.  
Does Happiness Induce a Rosy Outlook?  
Veenhoven, R.;Ed.: "How Harmful is Happiness?", Universitaire Pers Rotterdam,  
1989, Rotterdam, Netherlands, 106 - 127. ISBN 90 237 228 09  
Page in Report: 116

*Population:* 18-65 aged, general public, followed 6 years, Melbourne, Australia, 1981-87

*Sample:*

*Non-Response:* Attrition T1-T4: 31%

N: 649

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## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfaction with friends, code F6.6.2

*Measurement:* Index of two identical questions asked at the beginning and the end of the interview (20 minute interval). Rated on a 9-point scale ranging from terrible (1) to delightfull (9). Assessed at T1 (1981), T2 (1983), T3 (1985) and T4 (1987).

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqt/v/10/a</u>	<u><math>\beta_L = ns</math></u>	Estimated same-time causal EFFECT ON HAPPINESS of satisfaction with friends (bottum-up).
<u>O-DT/u/sqt/v/10/a</u>	<u><math>\beta_L = ns</math></u>	Estimated same-time causal EFFECT OF HAPPINESS on satisfaction with friends (top-down).  Effect assessed at T1, T2, T3 and T4. Effects assumed to be identical at all times. $\beta_L$ is the path-coefficient in a four wave LISREL model. T1 sex, age, SES, extraversion and neuroticism are controlled.

## Correlational finding on Happiness and Satisfaction with friends Subject code: F6.6.2

### Study HEADE 1991

*Reported in:* Headey, B.; Veenhoven, R.; Wearing, A.  
Top-down versus Bottom-up Theories of Subjective Well-Being.  
Social Indicators Research, 1991, Vol. 24, 81 - 100. ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1007/BF00292652  
Page in Report: 94

*Population:* 18-65 aged, general public, Victoria, Australia, followed from 1981 to 1987 in two 24 months periods

*Sample:* Probability stratified sample

*Non-Response:*

N: 942

## Correlate

*Authors label:* Friendship*Our classification:* Satisfaction with friends, code F6.6.2

*Measurement:* Index of 4 single questions on satisfaction with:  
 a: The people you see socially  
 b: Your friends  
 c: The friends of opposite sex you have  
 d: How much you are accepted and included by others  
 All scored on a 1-9 rating scale, summation by average.

*Remarks:* Panel analysis over four waves (1981, 1983, 1985, 1987) which estimates following effects

- bottom up: effect of satisfaction with friends on life satisfaction
- topdown: effect of life satisfaction on satisfaction with friends
- contemporaneous: within wave correlation
- lagged: over time (waves) correlation

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqt/v/9/a</u>	<u>Beta=-.01 ns</u>	Contemporaneous bottom up: satisfaction with their friends makes people happy
<u>O-DT/u/sqt/v/9/a</u>	<u>Beta=+.06 ns</u>	Contemporaneous top down: happy people are satisfied with their friends
<u>O-DT/u/sqt/v/9/a</u>	<u>Beta=-.01 ns</u>	Lagged bottom up: satisfaction with their friends makes people happy

O-DT/u/sqt/v/9/aBeta=  
+.04 ns

Lagged top down: happy people are satisfied with their friends

Beta's controlled for satisfaction with

- marriage
- job
- standard of living
- leisure
- health

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study

#### HEADE 1993

*Reported in:* Headey, B.; Kelley, J.; Wearing, A..  
Dimensions of Mental Health: Life Satisfaction, Positive Affect, Anxiety and Depression.  
Social Indicators Research, 1993, Vol. 29, 63 - 82. ISSN p 0303 8300; ISSN e 1573 0921 DOI:10.1007/BF01136197  
Page in Report: 76

*Population:* 18-65 aged, Victoria, Australia, followed every 2 years from 1981 to 1987

*Sample:* Probability stratified sample

*Non-Response:*

*N:* 419

### Correlate

*Authors label:* Friendship satisfaction

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Selfreport  
Questions not reported

### Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-Sum\*/mq\*/0/a     r=+.40  
p<.05

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study                    KALIT 2006

*Reported in:* Kaliterna Lipovcan, L.;Prizmic-Larsen, Z.  
 What Makes Croats Happy? Predictors of Happiness in Representative Sample.  
 Delle Fave, A.;Ed.: "Dimensions of Well-Being. Research and Intervention", Franco  
 Angeli, 2006, Milano, Italy. 53 - 59. ISBN 978 88 464 7362 2  
 Page in Report: 12

*Population:* 18+aged, Croatia, 2003

*Sample:* Probability multi-stage cluster sample

*Non-Response:* 0

*N:* 1242

### Correlate

*Authors label:* Satisfaction with Relationship with family and friends

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Selfreport on satisfaction with Relationship with family  
 and friends  
 1: not at all satisfied  
 .  
 .  
 10: extremely satisfied

*Measured Values:* M=8,6 SD=1,71

### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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M-FH/g/sq/v/10/a

Beta=

+.15

p<.001

Beta controlled for satisfaction with:

-standard of living,

-health,

-achievement in life,

-feelings of physical safety,

-acceptance by community

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study

**KENNE 1978**

*Reported in:* Kennedy, L.W.; Northcott, H.C.; Kinzel, C.  
Subjective Evaluation of Well-Being: Problems and Prospects.  
Social Indicators Research, 1978, Vol. 5, 457 - 474. ISSN 0303 8300. DOI:10.1007/  
BF00352943  
Page in Report: 463

*Population:* 18+ aged, general public, Edmonton, Canada, 1977

*Sample:* Probability multi-stage cluster sample

*Non-Response:* not reported

*N:* 335

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### Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single question, full item not reported. Rated:  
1 very dissatisfied  
.  
.  
7 very satisfied.

*Measured Values:* M= 5.8; SD= 0.65

*Remarks:* N=340

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLu/c/sq/n/7/b</u>	<u>B=+.29</u>	B controlled for satisfaction with: -standard of living -health -recreation activities -family life.

---

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### 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: 108

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

*Sample:* Probability multi-stage cluster sample

*Non-Response:*

*N:* 3440

---

### Correlate

*Authors label:* Friendship satisfaction (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Question on satisfaction with friends;  
Rated:  
1.very dissatisfied  
.  
.  
7.very satisfied

---

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLu/c/sq/n/7/b</u>	<u>Beta=</u> <u>+.17</u>	<p>Stepwise regression by age-group. age group 17-25</p> <p>Beta controlled for:</p> <ul style="list-style-type: none"> <li>- standard of living satisfaction</li> <li>- family satisfaction</li> <li>- job satisfaction</li> <li>- neighbourhood satisfaction</li> <li>- financial better/worsen than year ago</li> <li>- health satisfaction</li> <li>- year of significant social change</li> <li>- education</li> <li>- things wanted to do satisfaction</li> </ul>
<u>O-SLu/c/sq/n/7/b</u>	<u>Beta=</u> <u>+.17</u>	<p>age-group 26-45</p> <p>Beta controlled for:</p> <ul style="list-style-type: none"> <li>- standard of living satisfaction</li> <li>- family satisfaction</li> <li>- job satisfaction</li> <li>- health satisfaction</li> <li>- non work activities satisfaction</li> <li>- neighbourhood satisfaction</li> <li>- finanacial better/worse than year ago</li> <li>- sex</li> <li>- year of significant social change</li> <li>- things wanted to do satisfaction</li> </ul>
<u>O-SLu/c/sq/n/7/b</u>	<u>Beta=</u> <u>+.06</u>	<p>age-group 45+</p> <p>Beta controlled for:</p> <ul style="list-style-type: none"> <li>- standard of living satisfaction</li> <li>- health satisfaction</li> <li>- non work activities satisfaction</li> <li>- financial better/worse than year ago</li> <li>- job satisfacion</li> <li>- family satisfaction</li> <li>- things wanted to do satisfaction</li> <li>- sex</li> <li>- year of significant social change</li> </ul>



## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study LAI 2005

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

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

*Sample:* Probability simple random sample

*Non-Response:* 9%

*N:* 465

---

### Correlate

*Authors label:* Social relationships domain

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Selfreport on 4 questions about social relationships in the last four weeks:

- a. Personal relationships.  
Q20: How satisfied are you with your personal relationships?
- b. Sexual activity.  
Q21: How satisfied are you with your sex life?
- c. Social support.  
Q22: How satisfied are you with the support you get from your friends?
- d. Being respected and accepted.  
Q27:(not reported)

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

*Measured Values:* Range =4-20 : Mean=12,70; SD=2,04; Median=12; Mode=12.

*Error Estimates:* Cronbach's alfa : 0,80 > 0,70

*Remarks:* The addition of Question d created a slight increase for the social relationships.  
Cronbach's alfa increased from 0,78 to 0,80.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-QOL/cm/sq/v/5/a</u>	<u>r=+.38</u> <u>p&lt;.001</u>	

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study **MERED 1984**

*Reported in:* Meredith, W.H.  
Level and Correlates of Perceived Quality of Life for Lao Hmong Refugees in Nebraska.  
Social Indicators Research, 1984, Vol. 14, 83 - 97. ISSN 0303 8300 DOI:10.1007/BF00315723  
Page in Report: 91

*Population:* 16+ aged, recent refugees from Laos, USA, 1982

*Sample:*

*Non-Response:* 0%

*N:* 145

## Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Index of closed questions, rated on a 7-point Delighted-Terrible scale: How do you feel about:

- your friends?
- the people you see socially?
- the things you do and the times you have with your friends?
- how much you are accepted and included by others?

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-DT/u/sqt/v/7/a</u>	<u>r=+.37</u> <u>p&lt;.01</u>	

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study MICHA 1980

*Reported in:* Michalos, A.C.  
Satisfaction and Happiness.  
Social Indicators Research, 1980, Vol. 8, 385 - 422. ISSN 0303 8300. DOI:10.1007/BF00461152  
Page in Report: 399

*Population:* University staff members, Guelph Canada, 1979

*Sample:*

*Non-Response:* 59%

*N:* 357

## Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Closed question rated on a 7-point scale.

## Observed Relation with Happiness

*Happiness Measure*

*Statistics Elaboration/Remarks*

O-DT/c/sq/v/7/aa

r=+.54

p<.01

Controlled for 1      rpc= +.21 (01)  
 Controlled for 1+2      rpc= +.13 (01)  
 Controlled for 1+3      rpc= +.24 (01)  
 Controlled for 1+2+3      rpc= +.15 (01)  
 Controlled for 1       $\beta$  = +.20  
 Controlled for 1+3+4       $\beta$  = +.20

1= Satisfaction with health, financial security, family life, housing, job, free time activity, education, self-esteem, area you live in, ability to get around, security from crime.

2= Global happiness(indicator 2, HAPP 1.1)

3= Demographic factors ( sex, age, marital status, education, family income)

4= Workstatus.

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

r=+.51

p<.01

Controlled for 1      rpc= +.23 (01)  
 Controlled for 1+2      rpc= +.15 (01)  
 Controlled for 1+3      rpc= +.26 (01)  
 Controlled for 1+2+3      rpc= +.17 (01)  
 Controlled for 1       $\beta$  = +.23  
 Controlled for 1+3       $\beta$  = +.24

1= Satisfaction with health , financial security, family life, housing, job, free time activity, education, self-esteem, area you live in, ability to get around, security from crime.

2= Satisfaction with life (indicator 1, HAPP 2.1)

3= Demographic factors ( sex, age, marital status, education, family income)

Correlational finding on Happiness and Satisfactions with friends  
 Subject code: F6.6.2

**Study** MICHA 1982

*Reported in:* Michalos, A.C.  
 The Satisfaction and Happiness of Some Senior Citizens in Ontario.  
 Social Indicators Research, 1982, Vol. 11, 1 - 30. ISSN 0303 8300. DOI:10.1007/  
 BF00353590  
 Page in Report: 24

*Population:* 60+ aged, rural townships, Southern Huron County, Ontario, Canada, 198?

*Sample:*

*Non-Response:* 37%

*N:* 392

**Correlate**

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Closed question on quality and quantity  
 of contacts with friends, rated on a 7-point scale

**Observed Relation with Happiness**

*Happiness  
 Measure*

*Statistics Elaboration/Remarks*

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

Beta=  
+.23

All  $\beta$ 's are controlled for satisfaction with family life, financial security, self-esteem, spouse, health, transportation, recreation, housing, religion, area you live in, government services; and for sex, age and education.

Males N:149  $\beta$ :+.10

Females N:121  $\beta$ :+.36

Farmers N:130  $\beta$ :+.25

Non-farmers N:141  $\beta$ :+.21

Age 60-74 N:170  $\beta$ :+.20

Age 75-up N:102  $\beta$ :+.27

O-DT/c/sq/v/7/aaBeta=  
+.08

All  $\beta$ 's controlled for satisfaction with family life, financial security, self esteem, spouse, health, transportation, recreation, housing, religion, area you live in, government services; and for sex, age, formal education.

Males: N:149  $\beta$ :+.06

Females N:121  $\beta$ :+.13

Farmer N:130  $\beta$ :+.01

Non-farmer N:141  $\beta$ :+.12

Aged 60-74 N:170  $\beta$ :+.07

Aged 75-up N:102  $\beta$ :+.08

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study MICHA 1983

*Reported in:* Michalos, A.C.  
Satisfaction and Happiness in a Rural Northern Resource Community.  
Social Indicators Research, 1983, Vol. 13, 225 - 252. ISSN 0303 8300. DOI:10.1007/BF00318099  
Page in Report: 233

*Population:* 18+ aged, rural community, N.Ontario, Canada, 1982

*Sample:*

*Non-Response:* 8%

*N:* 598

### Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Clsded question on quality and quantity of contacts with friends, rated on a 7-point scale.

### Observed Relation with Happiness

*Happiness Measure**Statistics Elaboration/Remarks*O-DT/c/sq/v/7/aaBeta=  
+.06

All  $\beta$ 's controlled for satisfaction with health, financial security, family relations, paid employment, housing, area you live in, recreation activity, religion, self esteem, transportation, government services, and for the demographic factors: sex, age, formal education, language, work status, marital status, time in area.

Males : N: 173  $\beta$ : +.10Females: N: 154  $\beta$ : +.04O-HL/u/sq/v/7/aBeta=  
+.01

All  $\beta$ 's controlled for satisfaction with health, financial security, family relations, paid employment, housing, area you live in, recreation activity, religion, self esteem, transportation, government services; and for sex, age, formal education, language, work status, marital status, time in area.

Males : N: 173  $\beta$ : +.05Females: N: 154  $\beta$ : -.01

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

**Study MICHA 1985**

*Reported in:* Michalos, A.C.  
Multiple Discrepancies Theory.  
Social Indicators Research, 1985, Vol. 16, 347 - 413. ISSN 0303 8300. DOI:10.1007/BF00333288  
Page in Report: 365

*Population:* Students undergraduates University of Guelph, Canada, 1984

*Sample:*

*Non-Response:* 18%

*N:* 700

## Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Closed question on satisfaction with quality and quantity of contacts with friends, rated on a 7-point scale.  
1: terrible...7:delightful.

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<u>O-DT/c/sq/v/7/aa</u>	<u>Beta=</u> <u>+.17</u> <u>p&lt;.01</u>	Males N:140 $\beta=+.24$ (01) Females N:149 $\beta=+.20$ (01)  $\beta$ 's controlled for satisfaction with: health, financial security, family relations, paid employment, housing, recreation, religion, self esteem and education
<u>O-HL/u/sq/v/7/a</u>	<u>Beta=</u> <u>+.21</u> <u>p&lt;.01</u>	Males N:140 $\beta=+.24$ (01) Females N:149 $\beta=+.23$ (05)  $\beta$ 's controlled for satisfaction with: health, family relations,paid employment, self-esteem and education

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study MICHA 1986

*Reported in:* Michalos, A. C.  
An Application of Multiple Discrepancies Theory (MDT) to Seniors.  
Social Indicators Research, 1986, Vol. 18, 349 - 378. ISSN 0303 8300. DOI:10.1007/  
BF00300488  
Page in Report: 360

*Population:* 60+ aged, rural districts, Canada, 1984



Sample:

Non-Response: 47%

N: 457

## Correlate

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Closed question on satisfaction with quality and quantity of contacts with friends, rated on a 7-point scale. 1: terrible..7: delightful.

## Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
<a href="#">O-DT/c/sq/v/7/aa</a>	Beta= <u>+ .13</u> <u>p&lt;.01</u>	$\beta$ controlled for self-esteem and satisfaction with: health, financial security, housing, spouse.
<a href="#">O-HL/u/sq/v/7/a</a>	Beta= <u>+ .15</u> <u>p&lt;.01</u>	$\beta$ controlled for self-esteem and satisfaction with: health, financial security, housing, spouse.
<a href="#">O-DT/c/sq/v/7/aa</a>	Beta= <u>+ .17</u> <u>p&lt;.01</u>	Females
<a href="#">O-HL/u/sq/v/7/a</a>	Beta= <u>+ .19</u> <u>p&lt;.01</u>	Males

Correlational finding on Happiness and Satisfactions with friends  
Subject code: F6.6.2

Study                      MOOKH 1997

*Reported in:* Mookherjee, H.N.

Assessment of Happiness among the Elderly Population in the United States.  
Chrakravarty, I.;Ed.: "Life in Twilight Years", Kwality Book, 1997, Calcutta, India, 327 - 343

Page in Report: 336

*Population:* 60+ aged, general public, USA 1982-91

*Sample:* Probability multi-stage cluster sample

*Non-Response:* not reported

*N:* 3049

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single question on satisfaction with friends:  
1.not satisfied  
2.somewhat satisfied  
3.well satisfied

*Measured Values:* N: 1= 213 2= 671 3= 2165

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>DM=+</u> <u>p&lt;.00</u>	1. M= 1.78 SD= .71 2. M= 2.07 SD= .63 3. M= 2.34 SD= .64
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.26</u> <u>p&lt;.00</u>	

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

Beta=  
+.05  
p<.01

Beta controlled for

- socio-demographic variables:
  - Gender
  - Race
  - Marital status
  - Education
  - Financial status
  - Place of residence
  - Religious membership
  - Religious attendance
- satisfaction with:
  - Neighbours
  - Non-working activities
  - Family
  - Health
  - Finance

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study **MOSER 1969**

*Reported in:* Moser-Peters, C.M.  
Achtergronden van Geluksgevoelens. (Backgrounds of Happiness Feelings).  
Nederlands Instituut voor Preventieve Geneeskunde (TNO), 1969, Leiden,  
Netherlands  
Page in Report: 29

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

*Sample:*

*Non-Response:* 14% unattainable etc.

*N:* 300

---

### Correlate

*Authors label:* Satisfaction with friends and acquaintances. (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Closed question rated on a 5-point scale ranging from 'dissatisfied' to 'very satisfied'.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/5/c</u>	<u><math>r=+.15</math></u> <u><math>p&lt;.5</math></u>	

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study PALIS 1986B

*Reported in:* Palisi, B.J.  
Urbanism and Psychological Well-Being: A Test of Three Theories.  
Sociological Spectrum, 1986, Vol. 6, 361 - 378  
Page in Report: 372

*Population:* 18+ aged, general public, non-institutionalized, USA, 1974-1982

*Sample:*

*Non-Response:*

*N:* 7542

## Correlate

*Authors label:* Satisfaction received from friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single closed question on satisfaction received from friendships, rated on a 7-point scale, ranging from "a great deal" to "none" (order reversed).

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u><math>r=+.27</math></u>	

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

## Study SHICH 1984

*Reported in:* Shichman, S.; Cooper, E.  
Life Satisfaction and Sex-Role Concept.  
Sex Roles, 1984, Vol. 11, 227 - 240. ISSN 0360 0025 DOI:10.1007/BF00287516  
Page in Report: 234

*Population:* Adults, students and churchmembers, USA, 198?

*Sample:*

*Non-Response:* 5,9 %

*N:* 217

## Correlate

*Authors label:* Satisfaction with relations with friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single direct questions on both satisfaction and dissatisfaction with relations with friends.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLu/u/sq/v/4/a</u>	<u>r=+.24</u> <u>p&lt;.00</u>	satisfaction
<u>O-SLu/u/sq/v/4/a</u>	<u>r=-.19</u> <u>p&lt;.01</u>	dissatisfaction

## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

**Study** UGLAN 2006

*Reported in:* Uglanova, E.  
 Analysis of Happiness Variable in Monitoring of Social and Economic Changes in Russia 1993 - 2.  
 Data Independent Institute for Social Policy, 2006, Russia <http://sofist.socpol.ru>  
 Page in Report: question 12

*Population:* 16+ aged, Russia, 1993

*Sample:* Probability multi-stage cluster sample

*Non-Response:* ?

*N:* 2018

**Correlate**

*Authors label:* Satisfaction with social network

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* How satisfied are you with your social network?  
 1 completely dissatisfied  
 2 rather dissatisfied  
 3 rather satisfied  
 4 quite satisfied  
 - DK/NA

*Measured Values:* 1: 2,8% 2: 12,2% 3: 45,9% 4: 34.1% DK/NA: 5%

**Observed Relation with Happiness**

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-SLW/c/sq/v/4/g</u>	<u>DM=+</u>	1:M = 1,91 2:M = 2,21 3:M = 2,44 4:M = 2,84
<u>O-SLW/c/sq/v/4/g</u>	<u>rs=+0.3</u> <u>p&lt;.000</u>	

## Correlational finding on Happiness and Satisfactions with friends

### Subject code: F6.6.2

#### 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: 352

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

*Sample:* Non-probability purposive sample

*Non-Response:* 39%

*N:* 1494

#### Correlate

*Authors label:* satisfaction with acquaintances (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single question:  
 "How satisfied are you at present with your relations with  
 your acquaintances ?"  
 1: very dissatisfied  
 2: dissatisfied  
 3: neither/nor  
 4: satisfied  
 5: very satisfied

*Measured Values:* N: all:1459, 1:4, 2:22, 3:210, 4:823, 5:400

#### Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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A-AOL/m/sq/v/5/a      r=+.27      1: Mt=6.25  
    p<.00      2: Mt=6.03  
                        3: Mt=6.89  
                        4: Mt=7.73  
                        5: Mt=8.49  
    All    Mt=7.79

O-SLu/c/sq/v/5/e      r=+.30      1: Mt=5.00  
    p<.00      2: Mt=5.45  
                        3: Mt=6.44  
                        4: Mt=7.43  
                        5: Mt=8.19  
    All    Mt=7.45

O-HL/c/sq/v/5/h      r=+.29      1: Mt=5.63  
    p<.00      2: Mt=4.89  
                        3: Mt=6.14  
                        4: Mt=6.88  
                        5: Mt=7.69  
    All    Mt=6.96

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## Correlational finding on Happiness and Satisfactions with friends

Subject code: F6.6.2

### Study                     **VENTE 1996**

*Reported in:* Ventegodt, S.  
 Liskvalitet hos 4500 31-33-årige. (The Quality of Life of 4500 31-33-Years-Olds).  
 Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København 1996, ISBN  
 8790190068 <http://www.livskvalitet.org/t2/index.asp>  
 Page in Report: 374

*Population:* 31-33 aged, Denmark 1993, born in University Hospital in Copenhagen

*Sample:* Non-probability chunk sample

*Non-Response:* 39%

*N:* 4500

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## Correlate



*Authors label:* satisfaction with acquaintances

*Our classification:* Satisfaction with friends, code F6.6.2

*Measurement:* Single question:

"How satisfied are you at present with your relations with your acquaintances ?"

1: very dissatisfied

2: dissatisfied

3: neither/nor

4: satisfied

5: very satisfied

*Measured Values:* N: All:4604; %: 1:0,5; 2:2,1; 3:17,9; 4:55,9; 5:23,6

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-AOL/m/sq/v/5/a</u>	<u>r=+.31</u> <u>p&lt;.00</u>	1: Mt=4.16 2: Mt=5.39 3: Mt=6.93 4: Mt=7.76 5: Mt=8.58
<u>O-SLu/c/sq/v/5/e</u>	<u>r=+.32</u> <u>p&lt;.00</u>	1: Mt=3.69 2: Mt=5.10 3: Mt=6.54 4: Mt=7.41 5: Mt=8.38
<u>O-HL/c/sq/v/5/h</u>	<u>r=+.29</u> <u>p&lt;.00</u>	1: Mt=4.40 2: Mt=5.05 3: Mt=6.36 4: Mt=6.98 5: Mt=7.85

Correlational finding on Happiness and Satisfaction with friends  
Subject code: F6.6.2

**Study**                      **WARD 1979/1**

*Reported in:* Ward, R.A.  
 The Never-Married in Later Life.  
 Journal of Gerontology, 1979, Vol. 34, 861 - 869. ISSN 0022 1422  
 Page in Report: 866

*Population:* 50+ aged, non-institutionalized, USA, 1972-77

*Sample:*

*Non-Response:*

*N:* 3557

**Correlate**

*Authors label:* Satisfaction with friendships (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Single closed question rated on a 7-point scale: From each area of life I'm going to name, tell me how much satisfaction you get from that area: ... your friendships: a very great deal / a great deal / quite a bit / / a fair amount / some / a little / none.

**Observed Relation with Happiness**

*Happiness Measure*

*Statistics Elaboration/Remarks*

[O-HL/c/sq/v/3/ag](#)

r=+

Married:                      r = +.25    (05)

p<.05

Never-married: r = +.21    (05)

Divorced and widowed subjects left out

**Correlational finding on Happiness and Satisfactions with friends**  
**Subject code: F6.6.2**

**Study**                      **WEBB 1915/1**

*Reported in:* Webb, E.  
 Character and Intelligence. An Attempt at an Exact Study of Character.  
 Cambridge University Press, 1915, London, UK  
 Page in Report: 26

*Population:* Male college students, England, 1912

*Sample:*

*Non-Response:* -

*N:* 194

## Correlate

*Authors label:* Fondness for small circle of intimate friends (1)

*Our classification:* Satisfactions with friends, code F6.6.2

*Measurement:* Trained peer rating on a 7-point scale on the basis of observation during 6 months.

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-CP/g/rdp/ro/7/a</a>	$r = -.14$	

## Correlational finding on Happiness and Satisfactions with friends Subject code: F6.6.2

### Study WESSM 1956

*Reported in:* Wessman, A.E.  
 A Psychological Inquiry into Satisfaction and Happiness.  
 Unpublished Doctoral Dissertation, Princeton University, 1956, USA  
 Page in Report: 201

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

*Sample:*

*Non-Response:* -

N: 2377

## Correlate

*Authors label:* Satisfaction with friends (1)

*Our classification:* Satisfaction with friends, code F6.6.2

*Measurement:* Closed question:  
0 Wish to move to a 'different circle'  
1 Satisfied."

## Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/g/sq/v/3/c</u>	<u>G=+.43</u> <u>p&lt;.01</u>	Stronger among those who are not getting along well with their family and/or are dissatisfied with their job.  Unaffected by sex, education, age, income, S.E.S., marital status, and race

## Appendix 1: Happiness Items used

<i>Happiness Item Code</i>	<i>Full Text</i>
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-ARE/mi/sqr/n/7/a Selfreport on single question repeated several times a day.

" .. mood .."

Full lead question not reported

7 happy

6

5

4

3

2

1 sad

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

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

A Particularly excited or interested in something?

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

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

D Very lonely or remote from other people?

E Pleased about having accomplished something?

F Bored?

G On top of the world?

H Depressed or very unhappy?

I That things were going your way?

J Upset because someone criticized you?

Answer options and scoring:

yes = 1

no = 0

Summation:

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

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

-Affect Balance Score (ABS): PAS minus NAS

Possible range: -5 to +5

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

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

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

A Pleased about having accomplished something.

B Things going my way.

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

D Particularly excited or interested in something I had done.

E On top of the world.

F A deep sense of joy.

G Pleased because my life feels orderly and secure.

H Bored.

I Very lonely and remote from other people.

J Jealous of somebody.

K Angry with someone.

L Disappointed in myself..

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

Answer options:

0 no

yes

If yes: How often did you feel so?

5 every day

4 several times a week

3 once a week

2 2 or 3 times a month

1 once a month

Summation:

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

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

- Affect Balance Score (AB): PAS minus NAS

Possible range: +42 tot -30

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

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

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

- A So restless that you could not sit long in a chair
- B Proud, because someone had complimented you
- C Very lonely or remote from people?
- D Pleased about having accomplished something
- E Bored
- F On top of the world?
- G Depressed
- H That things were going your way?
- I Upset because someone criticized you?
- J Could not do anything, simply because you could not start?

Answer options and scoring:

- yes = 1
- no = 0

Summation:

Positive Affect Score (PAS): summed scores on B,D F,H

Negative Affect Score (NAS): summed scores on A,C,E,G,I,J

Affect Balance Score (ABS): PAS minus NAS

Possible range -6 to +4

Name: Bradburn's 'Affect Balance Scale' (adapted 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-CP/g/rdp/ro/7/a

Peer rating on single question (based on contact during 6 months):

Rater instruction: "personal qualities are named and briefly annotated in this schedule. If you have any doubt as to the meaning of any of them, please ask me (investigator)

2. In the columns under each subject's name, place one of the marks for each of the qualities specified (+3, +2, +1, 0, -1, -2, -3) To avoid errors, please put the + sign as well as the -

'General tendency to be 'cheerful' (as opposed to being depressed and low spirited)

+3 very high compared to average

+2 distinctly above average

+1 slightly above average

0 average

-1 slightly below average

-2 distinctly below average

-3 lowest as compared to average

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

Selfreport on single question:

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

3 well satisfied

2 reasonable satisfied

1 dissatisfied:

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

Selfreport on single question:

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

[ 10 ] best possible life

[ 9 ]

[ 8 ]

[ 7 ]

[ 6 ]

[ 5 ]

[ 4 ]

[ 3 ]

[ 2 ]

[ 1 ]

[ 0 ] worst possible life

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

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

M-AO\*/mqr\*/0/a

Various self reports and informant rating

A Selfreport on five questions repeated three times during semester:

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

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

B Selfreport on 24 questions:

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

BA LOVE

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

BB JOY

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

BC FEAR

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

BD ANGER

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

BE SHAME

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

BF SADNES

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

Rated: 0 = not at all ....6 extremely much

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

C Rating of B by five informants

D Selfreport of daily affect on B

Summation: z-scores

M-AO/u/mq/\*/0/a

Selfreport on 2 questions:

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

- 1 not too happy
- 2 pretty happy
- 3 very happy

B "How often do you feel that you are really enjoying life.....?"

- 1 rarely
- 2 now and than
- 3 fairly often
- 4 all the time

Summation: factor score

M-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

M-FH/g/sq/v/10/a

Selfreport on single question:

Use the list below to answer the following question: IN GENERAL, HOW HAPPY OR UNHAPPY DO YOU USUALLY FEEL? Check the one statement that best describes your average happiness.

- 10 extremely happy (feeling ecstatic, joyous, fantastic!)
- 9 very happy (feeling really good and elated!)
- 8 pretty happy (spirits high, feeling good)
- 7 mildly happy (feeling fairly good and somewhat cheerful)
- 6 slightly happy ( just a bit above neutral)
- 5 slightly unhappy (just a bit below neutral)
- 4 mildly unhappy (just a bit low)
- 3 pretty unhappy (somewhat "blue", spirits down)
- 2 very unhappy ( depressed, spirits very low)
- 1 extremely unhappy (utterly depressed, completely down)

Name: Fordyce's overall happiness item.

M-FH/u/sq/v/3/a

Selfreport on single question:

Do you feel.....?

- 3 happy
- 2 not too happy
- 1 unhappy

O-DT/c/sq/v/7/aa

Selfreport on single question:

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

7 delightfull

6 very satisfying

5 satisfying

4 mixed

3 dissatisfying

2 very dissatisfying

1 terrible

No opinion

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

O-DT/c/sq/v/7/b

Selfreport on single question:

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

1 terrible

2 unhappy

3 mostly dissatisfied

4 mixed (about equally satisfied and dissatisfied)

5 mostly satisfied

6 pleased

7 delighted

- neutral (neither satisfied nor dissatisfied)

- I never thought about it

- does not apply to me

Name: Andrews & Withey's `Delighted-Terrible Scale' (modified version by Michalos)

O-DT/c/sq/v/7/c

Selfreport on single question:

Indicate the feeling you have now, generally speaking, how do you feel about your life...?

1 terrible

2 unhappy

3 mostly dissatisfied

4 mixed (about equally satisfied and dissatisfied)

5 mostly satisfied

6 pleased

7 delighted

- 8 neutral (neither satisfied nor dissatisfied)

- 9 never thought about it

- 10 does not apply to me

Scoring: 8, 9 and 10 left out

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

Selfreport on single question:

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

7 delighted

6 pleased

5 mostly satisfied

4 mixed

3 mostly dissatisfied

2 unhappy

1 terrible

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

O-DT/u/sqt/v/10/a

Selfreport on single question asked twice in interview,

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

10 delightful

9

8

7

6

5

4

3

2

1 terrible

Summation: mean

Name: Andrews & Withey's `Delightful-Terrible Scale' (modified version)

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

Selfreport on single question, asked twice in interview:

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

7 delighted

6 pleased

5 mostly satisfied

4 mixed

3 mostly dissatisfied

2 unhappy

1 terrible

Summation: arithmetic mean

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

Also known as Lehman's 'Global lifesatisfaction'

O-DT/u/sqt/v/9/a

Selfreport on single question asked twice

'How do you feel about your life as a whole?'

1 terrible

2 very unhappy

3 unhappy

4 mostly dissatisfied

5 mixed feelings

6 mostly satisfied

7 pleased

8 very pleased

9 delighted

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/ad

Selfreport on single question:

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

3 very happy

2 pretty happy

1 not too happy

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

Selfreport on single question:

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

1 not too happy

2 pretty happy

3 very happy

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

Selfreport on single question:

Considering everything that has happened to you recently, how would you say things are with you - would you say you are....?

3 very happy

2 pretty happy

1 not too happy

O-HL/c/sq/v/4/a Selfreport on single question:  
  
Do you feel your life at present is.....?  
4 very happy  
3 quite happy  
2 quite unhappy  
1 very unhappy

O-HL/c/sq/v/4/b Selfreport on single question:  
  
Is your life at this moment ....?  
4 very happy  
3 fairly happy  
2 fairly unhappy  
1 very unhappy

O-HL/c/sq/v/4/d Selfreport on single question:  
  
Do you feel that your life at present is.....?  
4 very happy  
3 quite happy  
2 unhappy  
1 very unhappy

O-HL/c/sq/v/5/c Selfreport on single question:  
  
"Taking all things together, how would you say you are these days.....?"  
5 extremely happy  
4 very happy  
3 happy  
2 pretty happy  
1 not too happy

O-HL/c/sq/v/5/h Selfreport on single question  
  
'How happy are you now?'  
5 very happy  
4 happy  
3 neither happy nor unhappy  
2 unhappy  
1 very unhappy  
  
Original text in Danish:  
'Hvor lykkelig er du for tiden?'  
5 meget lykkelig  
4 lykkelig  
3 hverken eller  
2 ullykkelig  
1 meget ullykkelig

O-HL/c/sq/v/7/a

Selfreport on single question:

In general, how happy would you say you are these days.....?

7 extremely happy

6 very happy

5 pretty happy

4 not too happy

3 a bit unhappy

2 pretty unhappy

1 very unhappy

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

Selfreport on single question:

"In general, how happy would you say you are.....?"

3 very happy

2 fairly happy

1 not too happy

O-HL/g/sq/v/4/g

Selfreport on single question:

If you were to consider your life in general, how happy or unhappy would you say you are on the whole?

4 very happy

3 fairly happy

2 fairly unhappy

1 very unhappy

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-HL/u/sq/v/7/a

Selfreport on single question:

Considering your life as a whole, would you describe it as.....?

1 very unhappy

2

| unhappy

3

4 an even mixture of unhappiness and happiness

5

| happy

6

7 very happy

no opinion

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

Selfreport on single question:

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

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

1 very unhappy

2

3

4

5

6

7 very happy.

O-QOL/cm/sq/v/5/a

Selfreport on single question:

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

How would you rate your quality of life?

1 very poor

2 poor

3 neither poor nor good

4 good

5 very good

Item 1 in WHOQOL-Bref

O-SL?/?/sq/v/5/a

Selfreport on single question:

"..... satisfaction with life ....."

(full question not reported)

5 very satisfied

4 satisfied

3 don't know/satisfied

2 don't know/not satisfied

1 disappointed in life

O-SL?/c/sq/v/3/a Selfreport on single question:  
".....satisfaction with present life....."  
(Full lead item not reported)  
1  
2  
3  
(Response options not reported)

O-SLu/c/sq/n/10/b Selfreport on single question:  
All things considered, how satisfied or dissatisfied are you with your life these days?  
Please tell me on a scale of 1 to 10, where one means very dissatisfied and 10 means  
very satisfied  
10 very satisfied  
9  
8  
7  
6  
5  
4  
3  
2  
1 very dissatisfied

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/g/sq/v/3/a

Selfreport on single question:

"On the whole, how satisfied would you say you are with your life.....?"

1 not very satisfied

2 fairly satisfied

3 very satisfied

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-SLu/u/sq/v/4/a

Selfreport on single question:

Overall, how satisfied are you with your life.....?

4 very satisfied

3 satisfied

2 dissatisfied

1 very dissatisfied.

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

Selfreport on single question

..satisfaction with life as a whole.. (full item not reported)

7 very satisfied

6

5

4 just as satisfied as dissatisfied

3

2

1 very dissatisfied

(numbering reversed)

O-SLW/c/sq/l/11/b Selfreport on single question:

"How dissatisfied would you say you are with things in general today?"

Rated on ladder scale

[ 10 ] completely satisfied

[ ]

[ ]

[ ]

[ ]

[ ]

[ ]

[ ]

[ ]

[ ]

[ 0 ] completely dissatisfied

O-SLW/c/sq/n/10/ab Selfreport on single question:

All things considered, how satisfied are you with your life as-a-whole these days?

1 not satisfied at all

2

3

4

5

6

7

8

9

10 completely satisfied

O-SLW/c/sq/n/11/ba Selfreport on single question;

What do you think, how satisfied are you at this moment- all in all - with your life ?' 'If for instance you are totally satisfied with your life, please mark a '10'.If you are totally unsatisfied with your life, mark a '0'.If you are not completely unsatisfied nor totally satisfied range yourself somewhere between '1' and '9"

10 completely satisfied

9

8

7

6

5

4

3

2

1

0 completely dissatisfied

O-SLW/c/sq/n/11/d Selfreport on single question:

Taking all things together, how satisfied are you with your life these days? Please answer with the help of this scale. For instance, when you are totally satisfied with your life, please tick '10'. When you are totally unsatisfied with your life, please tick '0'. You may use all values in between to indicate that you are neither totally satisfied nor totally unsatisfied."

10 totally satisfied

9

8

7

6

5

4

3

2

1

0 totally unsatisfied

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/4/g Selfreport on single question:

How satisfied are you with your life as a whole these days?

4 quite satisfied

3 rather satisfied

2 rather unsatisfied

1 not at all satisfied

- no answer

- hard to say

O-SLW/c/sq/v/5/n Selfreport on single question

Now taking everything into account, how satisfied or dissatisfied are you with your life these days?

5 very satisfied

4 satisfied

3 neither satisfied nor dissatisfied

2 dissatisfied

1 very dissatisfied

- don't know

- no answers

Numerical scale reversed

O-SLW/c/sq/v/7/a Selfreport on single question, asked twice during the interview:

Are you at this moment satisfied or dissatisfied with life in general.....?

7 very satisfied

6 for the greater part satisfied

5 rather more satisfied than dissatisfied

4 neither satisfied nor dissatisfied

3 somewhat more dissatisfied than satisfied

2 for the greater part dissatisfied

1 very dissatisfied

- Do not know, difficult to say

O-SLW/u/sq/n/11/a Selfreport on single question:

All things considered, how satisfied or dissatisfied are you with your life as a whole?

10 completely satisfied

9

8

7

6

5

4

3

2

1

0 completely dissatisfied

O-SLW/u/sq/n/7/a Selfreport on single question:

Tell me how much you are satisfied or dissatisfied with your life as a whole

1 very dissatisfied

2

3

4

5

6

7 very satisfied

Last item in a series of questions about satisfaction with various domains in life

O-SLW/u/sq/n/7/e Selfreport on single question:

How dissatisfied or satisfied are you with.. Your life overall?

1 not satisfied at all

2

3

4

5

6

7 completely satisfied

O-SLW/u/sq/v/4/i Selfreport on single question:

All in all, how satisfied would you say you are with your life as a whole?

1 not at all satisfied

2 not too satisfied

3 very satisfied

4 extremely satisfied

O-SLW/u/sq/v/5/a Selfreport on single question:

"On the whole, are you satisfied with your life.....?"

5 definitely yes

4 rather yes

3 don't know

2 rather no

1 definitely no

- no reply

O-SLW/u/sq/v/6/a Selfreport on single question:

"How satisfying are these different aspects of your life? Indicate the number which best suits your situation. Life as a whole is....."

- 1 very dissatisfying
- 2 dissatisfying
- 3 rather dissatisfying
- 4 rather satisfying
- 5 satisfying
- 6 very satisfying

This item was followed by eight questions on life domain satisfactions.

O-SLW/u/sq/v/7/a Selfreport on single question:

Considering everything, how satisfied are you with your life as whole.....?

- 7 completely satisfied
- 6 satisfied
- 5 mostly satisfied
- 4 satisfied/dissatisfied
- 3 dissatisfied
- 2 very dissatisfied
- 1 completely dissatisfied

O-SLW/u/sq/v/7/a Selfreport on single question, asked twice in interview:

Considering everything, how satisfied are you with your life as a whole.....?

- 7 completely satisfied
- 6
- 5
- 4
- 3
- 2
- 1 completely dissatisfied

Summation: both scores added  
Possible range: 2 to 14

O-Sum/\*/mq\*/0/a Self report on 8 items

A How do you feel about your life as a whole?  
Rated on a 9-step Delighted-Terrible scale  
Asked twice in the interview with 15 minutes interval

B a In most ways my life is close to ideal  
b The conditions of my life are excellent  
c I am satisfied with my life  
d So far, I have gotten the important things I want in life  
e If I could live my life over, I would change nothing'  
Answers rated: 7 strongly agree to 1 strongly disagree

C How do you feel usually?



0 extremely unhappy

.

.

10 extremely happy

Computation: factor

O-Sum/u/mq/\*/0/b

Selfreport in 2 questions:

A. "How satisfied are you with your life as a whole these days?"

10 completely satisfied

9

8

7

6

5

4

3

2

1

0 not at all satisfied

B. "Where would you place your life as a whole?"

Rated on a thermometer scale.

100 perfect, as good as you can imagine it being

90

80

70

60

50

40

30

20

10

0 terrible, as bad as you can imagine it being

Summation: factor loading

## Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
B	<p>REGRESSION COEFFICIENT (non-standardized) by LEAST SQUARES (OLS)            Type: test statistic            Measurement level: Correlate: metric, Happiness: metric            Theoretical range: unlimited</p> <p>Meaning:  <math>B &gt; 0</math> A higher correlate level corresponds with, on an average, higher happiness rating.  <math>B &lt; 0</math> A higher correlate level corresponds with, on an average, lower happiness rating.  <math>B = 0</math> Not any correlation with the relevant correlate.</p>
Beta	<p>(<math>\beta</math>) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS)            Type: test statistic.            Measurement level: Correlates: all metric, Happiness: metric.            Range: [-1 ; +1]</p> <p>Meaning:  <math>\beta &gt; 0</math> « a higher correlate level corresponds with, on an average, higher happiness rating.  <math>\beta &lt; 0</math> « a higher correlate level corresponds with, on an average, lower happiness rating.  <math>\beta = 0</math> « no correlation.  <math>\beta = + 1</math> or <math>-1</math> « perfect correlation.</p> <p>Remark:            Mean of observations is subtracted from all observations if standardized.</p>
DM	<p>DIFFERENCE of MEANS            Type: descriptive statistic only.            Measurement level: Correlate: dichotomous, Happiness: metric            Range: depending on the happiness rating scale of the author; range symmetric about zero.</p> <p>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.</p>
DMt	<p>DIFFERENCE of MEANS AFTER TRANSFORMATION            Type: descriptive statistic only.            Measurement level: Correlate: dichotomous, Happiness: metric            Theoretical range: [-10; +10]</p> <p>Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.</p>

Dyx	<p>SOMERS' ASYMMETRIC TEST STATISTIC</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: ordinal, Happiness: ordinal</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p>Dyx = 0 «no rank correlation</p> <p>Dyx = +1 «strongest possible rank correlation, where high correlate values correspond with high happiness ratings.</p> <p>Dyx = -1 «strongest possible rank correlation, where high correlate values correspond with low happiness ratings.</p>
E <sup>2</sup>	<p>CORRELATION RATIO (Elsewhere sometimes called h<sup>2</sup> or ETA)</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: nominal or ordinal, Happiness: metric</p> <p>Range: [0; 1]</p> <p>Meaning: correlate is accountable for E<sup>2</sup> x 100 % of the variation in happiness.</p> <p>E<sup>2</sup> = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.</p> <p>E<sup>2</sup> = 1 « knowledge of the correlate value enables an exact prediction of the happiness rating</p>
G	<p>GOODMAN &amp; Kruskal's GAMMA</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: ordinal, Happiness: ordinal</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p>G = 0 « no rank correlation</p> <p>G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.</p> <p>G = -1 « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.</p>
Gs	<p>PARTIAL GAMMA. See: GAMMA</p> <p>Range: [-1, +1].</p> <p>Seldom used in happiness research. See excerpted report.</p>
MCT	<p>Multiple Comparison Test, variant not specified.</p> <p>Possible variants: Scheffe, Tukey, Student/Newman/Keuls, Bonferoni (BMCT)</p>

r	<p>PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient')</p> <p>Type: test statistic.</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p><math>r = 0</math> « no correlation ,</p> <p><math>r = 1</math> « perfect correlation, where high correlate values correspond with high happiness values, and</p> <p><math>r = -1</math> « perfect correlation, where high correlate values correspond with low happiness values.</p>
rpc	<p>PARTIAL CORRELATION COEFFICIENT</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Range: [-1; +1]</p> <p>Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores.</p> <p>Under that conditions</p> <p><math>rpc &gt; 0</math> « a higher correlate level corresponds with a higher happiness rating,</p> <p><math>rpc &lt; 0</math> « a higher correlate level corresponds with a lower happiness rating,</p>
rs	<p>SPEARMAN'S RANK CORRELATION COEFFICIENT</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: ordinal, Happiness: ordinal.</p> <p>Range: [-1; +1]</p> <p>Meaning:</p> <p><math>rs = 0</math> « no rank correlation</p> <p><math>rs = 1</math> « perfect rank correlation, where high correlate values are associated with high happiness ratings</p> <p><math>rs = -1</math> « perfect rank correlation, where high correlate values are associated with low happiness ratings</p>
SNR	<p>Statistic Not Reported</p>
T	<p>TSCHUPROW'S T</p> <p>Type: test statistic.</p> <p>Measurement level: Correlate: nominal, Happiness: ordinal</p> <p>Range: <math>[0 ; \sqrt{[(\min(r,c)-1)/(\max(r,c) - 1)]}]</math>, c and r being the numbers of columns resp. rows in a cross tabulation.</p> <p>Meaning:</p> <p><math>T = 0</math> « no association</p> <p><math>T \rightarrow 1</math> « strongest possible association.</p> <p>NOTE: sometimes the square value is reported instead !</p>

- t. t-STATISTIC (Student's t-statistic)  
Type: symmetric standard test statistic.  
One parameter: n (= number of degrees of freedom (df) ; range df: [1; + infinite)  
Range for t: unlimited
- Meaning : the test statistic is the ratio of a difference between a statistic and its expected value under the null hypothesis and its (estimated) standard error with n degrees of freedom.  
The critical values of its probability distribution are tabulated extensively in almost any textbook on Statistics.
- tb KENDALL'S RANK CORRELATION COEFFICIENT TAU-B  
Type: test statistic  
Measurement level: Correlate: ordinal, Happiness: ordinal  
Range: [-1; +1]
- Meaning:  
tb = 0 « no rank correlation  
tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.  
tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.
- tc KENDALL'S TAU-C (Also referred to as Stuart's tau-c)  
Type: test statistic  
Measurement level: Correlate: ordinal, Happiness: ordinal  
Range: [-1; +1]
- Meaning:  
tc = 0 « no rank correlation  
tc = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.  
tc = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.
- ZZZZZ KENDALL'S TAU-C (Also referred to as Stuart's tau-c)  
Type: test statistic  
Measurement level: Correlate: ordinal, Happiness: ordinal  
Range: [-1; +1]
- Meaning:  
tc = 0 « no rank correlation  
tc = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.  
tc = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

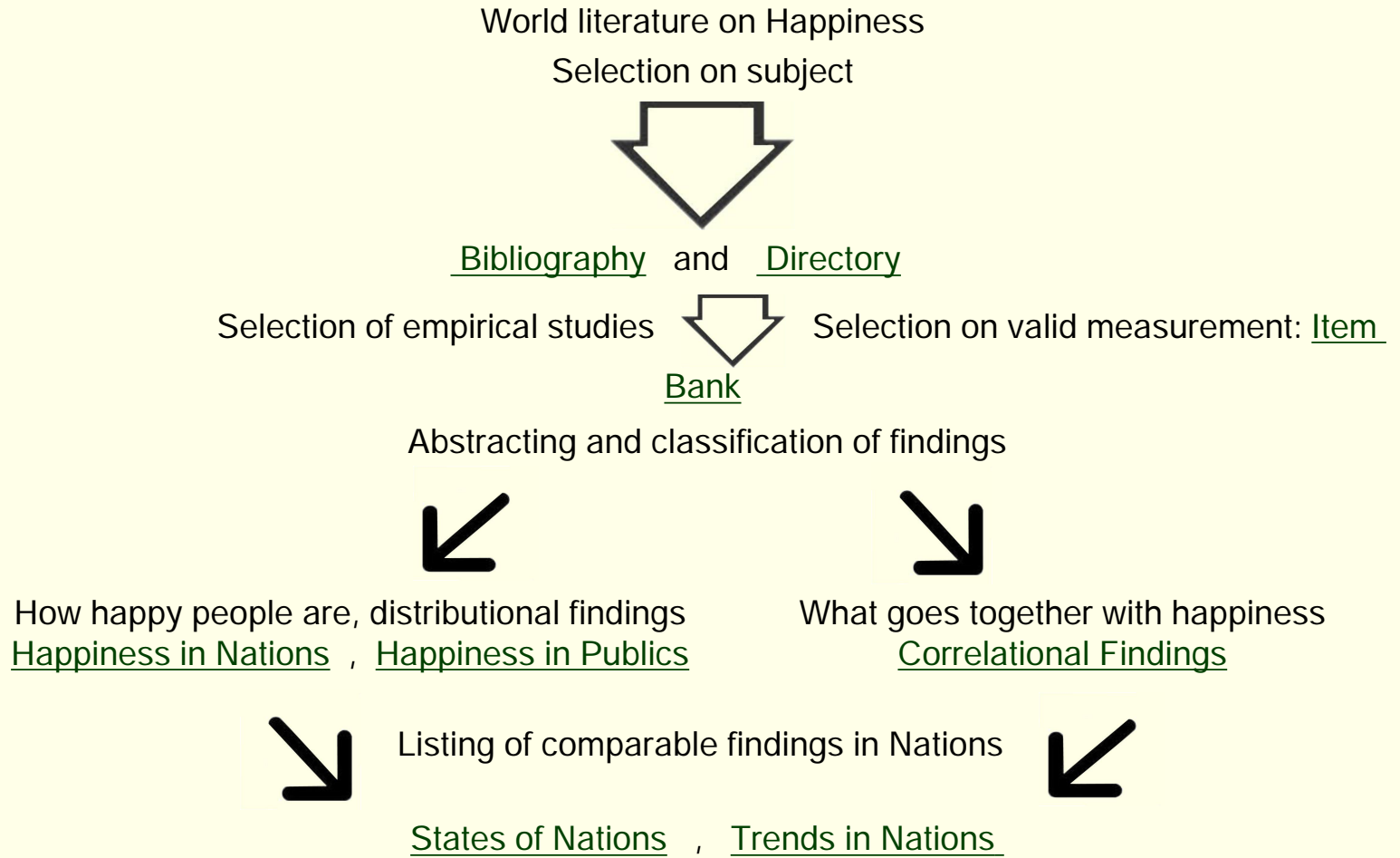
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## Appendix 3: About the World Database of Happiness

## 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

<i>Subject</i>	<i>Related Subject(s)</i>
F6 FRIENDSHIP	I6 INTIMACY
F6 FRIENDSHIP	L12 LOVE-LIFE
F6 FRIENDSHIP	S6 SOCIAL PARTICIPATION: PERSONAL CONTACTS
F6.3 Current contacts with friends	S6 SOCIAL PARTICIPATION: PERSONAL CONTACTS
F6.4 Current friendship network	I6.3 Characteristics of intimate-network
F6.4.1 Friends in community	L10.6.2 Local social contacts
F6.5.2 Similarity with friends	H3.2.3.2 . perceived level of happiness of specific social categories

## A report of the World Database of Happiness, Correlational Findings