# Findings on Happiness & LOVE-LIFE

Correlate Code: L 12

<table>
<thead>
<tr>
<th>Classification of Findings</th>
<th>Correlate Code</th>
<th>Correlate Name</th>
<th>Number of Studies on this Subject</th>
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</thead>
<tbody>
<tr>
<td>L 12</td>
<td>LOVE-LIFE</td>
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<tr>
<td>L 12.1</td>
<td>Love-career</td>
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<tr>
<td>L 12.1.1</td>
<td>Earlier love-life</td>
<td>3</td>
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<tr>
<td>L 12.1.2</td>
<td>Change in love-life</td>
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<tr>
<td>L 12.1.4</td>
<td>Later love-life</td>
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<tr>
<td>L 12.2</td>
<td>Current love-life</td>
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<tr>
<td>L 12.2.1</td>
<td>Involved in dating</td>
<td>1</td>
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<tr>
<td>L 12.2.2</td>
<td>Steady love-relation</td>
<td>7</td>
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<tr>
<td>L 12.3</td>
<td>Love-feelings</td>
<td>4</td>
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<tr>
<td>L 12.3.1</td>
<td>Feels in love</td>
<td>1</td>
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</tr>
<tr>
<td>L 12.3.2</td>
<td>Feels loved</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>L 12.4</td>
<td>Attitudes to one's love-life</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>L 12.4.1</td>
<td>Desire to change love-life</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>L 12.4.2</td>
<td>Satisfaction with love-life</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

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

Cite as: Veenhoven, R.: Findings on Happiness & LOVE-LIFE  
World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness  
Erasmus University Rotterdam, 2003, Netherlands
Findings on Happiness & LOVE-LIFE Correlate Code: L 12

### 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

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

*Sample:* Non-probability purposive sample (unspecified)

*Non-Response:* 39%

*N:* 1494

### Measured Correlate

*Class:* Earlier love-life  Code: L 12.1.1

*Measurement:* Single question: "Do you have a partner?"
1: no, and I have never had one
2: no, but I have had one
3: not sure
4: yes


*Error Estimates:

*Remarks:* It is likely that the original sign of the correlation was wrong: this was adjusted here.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=+.16</td>
<td>p&lt;.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1: Mt =7.38</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt =7.13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt =6.89</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4: Mt =7.96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt =7.76</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=+.25</td>
<td>p&lt;.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1: Mt =6.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt =6.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt =5.68</td>
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<tr>
<td></td>
<td></td>
<td>4: Mt =7.24</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt =6.94</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>r=+.19</td>
<td>p&lt;.00</td>
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<tr>
<td></td>
<td></td>
<td>1: Mt =6.98</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt =6.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt =6.23</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4: Mt =7.69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt =7.44</td>
</tr>
</tbody>
</table>

It is likely that the original sign of the correlation was wrong: this was adjusted here.
Study  
**VENTE 1996**

**Reported in:** Ventegodt, S.  
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)  
Forskningscenter for Livskvalitet,  
Forskningscentrets Forlag, København 1996,  
ISBN 8790190068

**Population:** Persons born at the University Hospital in Copenhagen 1959-1961

**Sample:** Non-probability purposive sample (unspecified)

**Non-Response:** 39%

**N:** 4500

---

**Measured Correlate**

**Class:** Earlier love-life  
**Code:** L 12.1.1

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

**Measured Values:**  
N: All:3022; %:1:13.8; 2:17.8; 3:35.3; 4:25.3; 5:7.7

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-AOL/m/sq/v/5/a | r=+.08 p.<.00 | 1: Mt = 7.45  
2: Mt = 7.38  
3: Mt = 7.85  
4: Mt = 7.71  
5: Mt = 8.16 |
| O-HL/c/sq/v/5/h | r=+.01 ns | 1: Mt = 6.96  
2: Mt = 6.83  
3: Mt = 7.11  
4: Mt = 6.88  
5: Mt = 7.10 |
| O-SLu/c/sq/v/5/e | r=+.05 p.<.01 | 1: Mt = 7.21  
2: Mt = 7.06  
3: Mt = 7.51  
4: Mt = 7.34  
5: Mt = 7.60 |
Study

VENTE 1996

Reported in: Ventegodt, S.
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)
Forskningscenter for Livskvalitet,
Forskningscentrets Forlag, København 1996,
ISBN 8790190068

Population: Persons born at the University Hospital in Copenhagen 1959-1961

Sample: Non-probability purposive sample (unspecified)

Non-Response: 39%

N: 4500

Measured Correlate

Class: Earlier love-life Code: L 12.1.1

Measurement: Single question:
"Do you have a partner?"
1: no, and I never had one
2: no, but I have had one
3: not sure
4: yes

Measured Values:
N: All:4604; %:1:1,9; 2:14,5; 3:2,5; 4:81,1

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-AOL/m/sq/v/5/a r=+.20 p<.00 1: Mt = 7.13
2: Mt = 6.80
3: Mt = 6.63
4: Mt = 7.95

O-HL/c/sq/v/5/h r=+.31 p<.00 1: Mt = 5.99
2: Mt = 5.60
3: Mt = 5.35
4: Mt = 5.99

O-SLu/c/sq/v/5/e r=+.23 p<.00 1: Mt = 6.45
2: Mt = 6.28
3: Mt = 6.16
4: Mt = 7.69
Findings on Happiness & LOVE-LIFE

**Study**

**HEADE 1982/2**

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

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

*Sample:* Probability sample (unspecified)

*Non-Response:* 0

*N:* 184

---

**Measured Correlate**

*Class:* Change in love-life  
*Code:* L 12.1.2

*Measurement:* Index of 3 single questions on satisfaction with:  
a: Your wife/husband  
b: Your marriage  
c: Your sex life  
All scored on a 1-9 D-T rating scale, summation by average.

**Measured Values:**

**Error Estimates:**

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

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BB/cm/mq/v/2/a</td>
<td>Beta=.2 p&lt;.04</td>
<td>T1-T2 CHANGE in happiness by T1-T2 CHANGE in satisfaction with marriage were assessed at T1 and T2 (25 month interval)</td>
</tr>
</tbody>
</table>

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & LOVE-LIFE  

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

*Reported in:* Austrom, D.R.  
The consequences of being single  
Peter Lang Publ., New York, 1984

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

*Sample:*

*Non-Response:* 45%  
*N:* 1038

---

**Measured Correlate**

*Class:* Current love-life  
*Code:* L 12.2

*Measurement:* 3-item index. The respondents were asked which of the following described their present situation: 1. involved in a serious romantic relationship, 2. dating more than one person, 3. not dating anyone.

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/n/11/a</td>
<td>DMt=− p&lt;.001</td>
<td>NON-MARRIED Ss ONLY. Married (including not formally married cohabitating Ss considered as married) left out.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- serious romantic relationship: Mt = 8.4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- dating more than one person: Mt = 7.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- not dating anyone: Mt = 7.4</td>
</tr>
</tbody>
</table>
### Study

**PORTE 1967**

**Reported in:** Porter J.  
Sex-role concepts, their relationships to psychological well-being and to future plans  
Unpublished doctoral dissertation, 1967, University of Rochester, New York, USA

**Population:** Female students college seniors, followed two months, Rochester, USA, 1965-66

**Sample:**

**Non-Response:** 8%; unaffected by place of residence

**N:** 162

---

### Measured Correlate

**Class:** Current love-life  
**Code:** L 12.2

**Measurement:** Closed question: recently terminated relationship / apparently not dating / won't marry present beau / will possibly marry present beau / will fairly certain marry present beau / engaged / married.

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/cq/sq/v/10/a</td>
<td>AoV=+ ns</td>
<td>Both variables assessed at T2. Females who are certain of getting married, who are engaged, or who are married are generally happier than those who are not (05).</td>
</tr>
</tbody>
</table>
Findings on Happiness & LOVE-LIFE

**Study**

**BRENN 1970**

**Reported in:** Brenner, B.
Social factors in mental well-being at adolescence.

**Population:** Highschool pupils, New York State, USA, 1960

**Sample:**

**Non-Response:** 1%

**N:** 5204

**Measured Correlate**

**Class:** Involved in dating  Code: L 12.2.1

**Measurement:** Open-ended question on number of dates this year.

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
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<tr>
<td>A-AOL/g/sq/v/5/a</td>
<td>G=+.11</td>
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<tr>
<td></td>
<td>V= .07</td>
<td>p&lt;.05</td>
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<td>O-HL/u/sq/v/4/b</td>
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<tr>
<td></td>
<td>V= .10</td>
<td>p&lt;.01</td>
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</tbody>
</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 8 of 45
Study AUSTR 1984/2

Reported in: Austrom, D.R.
The consequences of being single
Peter Lang Publ., New York, 1984

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

Sample:
Non-Response: 45%
N: 1038

Measured Correlate

Class: Steady love-relation Code: L 12.2.2
Measurement: Single closed question rated on a 4-point scale: Are you currently in love: 1. yes for the first time, 2. yes but not for the first time, 3. no but I have been in love, 4. I have never been in love.

Measured Values:
Error Estimates:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/u/sq/n/11/a $r=+.28$ ALL Ss (married (including not formally married cohabitating Ss (considered as married)) and non-married):
Beta = .1

controlled for:
gender, age, household income, marital status, 
desire to change dating pattern or marital status, 
locus of control, social support (1. instrumental: 
problems managing money, deciding how to spend 
money, not enough money to do things, unsatisfying 
job, not enough money to get by on; 2. expressive: 
no close companions, no one to depend on, 
unsatisfactory sex life, problems communicating, 
dissatisfied with marital status, not enough close 
friends, no one to show love/affection, too 
dependent on others, not having children, no one 
to understand problems; 3. interpersonal demands: 
too many responsibilities, 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, 
friendships, love relationships and living 
situation.

NON-MARRIED Ss ONLY:

- not in love: Mt = 6.9
- in love: Mt = 7.4
Difference Significant: (.01)

- males: r = .12  Beta = -.09
- females: r = .04  Beta = -.09
Beta's controlled for the same variables as above, 
except gender and marital status.
Findings on Happiness & LOVE-LIFE

FORRE 1980

Reported in: Forrester, N.G.
Factors contributing to life satisfaction of divorced women
Unpublished PhD dissertation, Arizona State University, USA, 1980

Population: 21-71 aged divorced women, San Diego, California, USA, 1980

Sample:

Non-Response:
N: 70

Measured Correlate

Class: Steady love-relation Code: L 12.2.2

Measurement:
0 not involved
1 involved

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>r=+.42</td>
<td>p&lt;.001</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r=+.42</td>
<td>p&lt;.001</td>
</tr>
</tbody>
</table>
Findings on Happiness & LOVE-LIFE Correlate Code: L 12

Study  FORRE 1980  
Reported in:  Forrester, N.G.
Factors contributing to life satisfaction of divorced women
Unpublished PhD dissertation, Arizona State University, USA, 1980
Population:  21-71 aged divorced women, San Diego, California, USA, 1980
Sample:
Non-Response:
N:  70

Measured Correlate

Class:  Steady love-relation  Code: L 12.2.2
Measurement:  Not involved vs. involved

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness
Findings on Happiness & LOVE-LIFE

**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,_  
_ISO 8790190017_

**Population:** 18-88 aged, general public, Denmark, 1993  
**Sample:** Non-probability purposive sample (unspecified)  
**Non-Response:** 39%  
**N:** 1494

---

**Measured Correlate**

_Class:_ Steady love-relation  
_Code:_ L 12.2.2

**Measurement:**  
_Single question:_  
_Do you have a partner?_

1: no, and I have never had one  
2: no, but I have had one  
3: not sure  
4: yes

**Measured Values:**  
N: 1:59, 2:264, 3:41, 4:1105

**Error Estimates:**

**Remarks:** It is likely that the original sign of the correlation was wrong: this was adjusted here.

---

**Observed Relation with Happiness**

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| A-AOL/m/sq/v/5/a | r=.16 p<.00 | 1: Mt =7.38  
2: Mt =7.13  
3: Mt =6.89  
4: Mt =7.96  
All: Mt =7.76 | It is likely that the original sign of the correlation was wrong: this was adjusted here. |
| O-HL/c/sq/v/5/h | r=.25 p<.00 | 1: Mt =6.40  
2: Mt =6.00  
3: Mt =5.68  
4: Mt =7.24  
All: Mt =6.94 |
| O-SLu/c/sq/v/5/e | r=.19 p<.00 | 1: Mt =6.98  
2: Mt =6.68  
3: Mt =6.23  
4: Mt =7.69  
All: Mt =7.44 |
Study VENTE 1996

Reported in: Ventegodt, S.
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)
Forskningscenter for Livskvalitet,
Forskningscentrets Forlag, København 1996,
ISBN 8790190068

Population: Persons born at the University Hospital in Copenhagen 1959-1961

Sample: Non-probability purposive sample (unspecified)

Non-Response: 39%

N: 4500

Measured Correlate

Class: Steady love-relation Code: L 12.2.2

Measurement: Single question: "Do you have a partner?"
1: no, and I never had one
2: no, but I have had one
3: not sure
4: yes

Measured Values: N: All:4604; %:1:1,9; 2:14,5; 3:2,5; 4:81,1

Error Estimates: Observations Relation with Happiness

<table>
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<tr>
<th>Happiness Query</th>
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<tbody>
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<td>A-AOL/m/sq/v/5/a</td>
<td>r=+.20 p&lt;.00</td>
<td>1: Mt = 7.13 2: Mt = 6.80 3: Mt = 6.63 4: Mt = 7.95</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=+.31 p&lt;.00</td>
<td>1: Mt = 5.99 2: Mt = 5.60 3: Mt = 5.35 4: Mt = 5.99</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>r=+.23 p&lt;.00</td>
<td>1: Mt = 6.45 2: Mt = 6.28 3: Mt = 6.16 4: Mt = 7.69</td>
</tr>
</tbody>
</table>
Findings on Happiness & LOVE-LIFE

Reported in: Venteogd, S.
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ISBN 8790190068

Population: Persons born at the University Hospital in Copenhagen 1959-1961
Sample: Non-probability purposive sample (unspecified)
Non-Response: 39%
N: 4500

Measured Correlate
Class: Steady love-relation Code: L 12.2.2
Measurement: unemployment with/without partner/friend
0: without partner
1: with partner

Measured Values:
N All: 3389

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>unemployed without friend</td>
<td>employed without friend</td>
</tr>
<tr>
<td></td>
<td>employed with friend</td>
<td>employed with friend</td>
</tr>
<tr>
<td>0: Ms = 5.20</td>
<td>6.41</td>
<td>6.63</td>
</tr>
<tr>
<td>1: Ms = 6.28</td>
<td>7.59</td>
<td>7.40</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>unemployed without friend</td>
<td>employed without friend</td>
</tr>
<tr>
<td></td>
<td>employed with friend</td>
<td>employed with friend</td>
</tr>
<tr>
<td>0: Ms = 4.80</td>
<td>5.25</td>
<td>5.45</td>
</tr>
<tr>
<td>1: Ms = 5.94</td>
<td>7.15</td>
<td>6.69</td>
</tr>
<tr>
<td>O-SL/c/sq/v/5/e</td>
<td>unemployed without friend</td>
<td>employed without friend</td>
</tr>
<tr>
<td></td>
<td>employed with friend</td>
<td>employed with friend</td>
</tr>
<tr>
<td>0: Ms = 4.73</td>
<td>5.75</td>
<td>6.14</td>
</tr>
<tr>
<td>1: Ms = 5.56</td>
<td>7.35</td>
<td>6.99</td>
</tr>
</tbody>
</table>
Study  
**VENTE 1996**  
*Reported in:* Ventegodt, S.  
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)  
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ISBN 8790190068  
*Population:* Persons born at the University Hospital in Copenhagen 1959-1961  
*Sample:* Non-probability purposive sample (unspecified)  
*Non-Response:* 39%  
*N:* 4500

**Measured Correlate**  
*Class:* Steady love-relation  
*Code:* L 12.2.2  
*Measurement:* unemployed/employed women and men with/without children/partner  
0: no partner  
1: with partner

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>children no children children no children employed women unemployed women</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0: Ms = 6.81 7.38</td>
<td>5.89 6.55</td>
</tr>
<tr>
<td></td>
<td>1: Ms = 7.98 8.06</td>
<td>7.35 7.38</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>children no children children no children employed men unemployed men</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0: Mt = 6.70 7.28</td>
<td>6.04 6.14</td>
</tr>
<tr>
<td></td>
<td>1: Mt = 8.18 8.18</td>
<td>7.33 7.33</td>
</tr>
</tbody>
</table>
## Findings on Happiness & LOVE-LIFE

Correlate Code: L 12

<table>
<thead>
<tr>
<th></th>
<th>Children</th>
<th>No Children</th>
<th>Children</th>
<th>No Children</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Employed Women</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0: Mt = 6.30</td>
<td>6.85</td>
<td>5.63</td>
<td>6.31</td>
<td></td>
</tr>
<tr>
<td>1: Mt = 7.78</td>
<td>7.66</td>
<td>7.09</td>
<td>7.25</td>
<td></td>
</tr>
<tr>
<td><strong>Unemployed Women</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0: Mt = 6.20</td>
<td>6.69</td>
<td>4.49</td>
<td>5.36</td>
<td></td>
</tr>
<tr>
<td>1: Mt = 7.83</td>
<td>7.88</td>
<td>6.68</td>
<td>6.68</td>
<td></td>
</tr>
</tbody>
</table>

O-SLu/c/sq/v/5/e
Findings on Happiness & LOVE-LIFE

CONST 1965

Reported in: Constantinople, A.P.
Some correlates of happiness and unhappiness in college students.
Unpublished doctoral dissertation, 1965, University of Rochester, USA.

Population: College students, University of Rochester, USA, 1965

Sample: 30% (take home questionnaire).
N: 952

Measured Correlate

Class: Love-feelings Code: L 12.3
Measurement: Wessman & Ricks Love and Sex Scale, scored once for the current academic year.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/cy/sq/v/10/a</td>
<td>r=+</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td>Males: r = .31 (05)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Females: r = .37 (05)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Study

**CRITE 1977**

*Reported in:* Critelli, J.W.
Romantic attraction and happiness
Psychological Reports; 1977; vol.41; p.721-722

*Population:* Dating couples, midwest university, USA, 1975

*N:* 61

### Measured Correlate

*Class:* Love-feelings  
*Code:* L 12.3


### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-H?/c/sq/v/5/a</td>
<td>r=+</td>
<td>Males</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Females</td>
</tr>
</tbody>
</table>
### Study

**CRITE 1977**

**Reported in:** Critelli, J.W.  
Romantic attraction and happiness  
Psychological Reports; 1977; vol.41; p.721-722

**Population:** Dating couples, midwest university, USA, 1975

**Sample:**

**Non-Response:**

<table>
<thead>
<tr>
<th>N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>61</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** Love-feelings  **Code:** L 12.3

**Measurement:** Rubin's Dating Love Scale (1973)

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-H?/c/sq/v/5/a | r=+        | Males r=+.14 (ns)  
                |            | Females r=+.38 (01) |
Findings on Happiness & LOVE-LIFE

Study: GORDO 1975

Reported in: Gordon, R.M.
The effects of interpersonal and economic resources upon values and the quality of life.
Unpublished PhD dissertation, Temple University, Pennsylvania, USA, 1975

Population: Undergraduate students, Temple University, Pennsylvania, USA, 1973

Sample:

Non-Response: 346

N: 346

Measured Correlate

Class: Love-feelings Code: L 12.3

Measurement: Direct question: "I often receive a great deal of warmth and affection now". Rated on a 9-point scale ranging from 1='not at all, never, lowest' to 9='completely, always, highest'

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/g/sq/n/9/a r=.58

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness
### Study

**KAMMA 1983/2**

**Reported in:** Kammann, R.; Flett, R.  
*Sourcebook for Measuring Well-being with Affectometer 2.*  

**Population:** 18+ aged, general public, Dunedin, New Zealand, 1983

**Sample:**

- Non-Response: 52%
- N: 112

### Measured Correlate

**Class:** Feels in love  
**Code:** L 12.3.1

**Measurement:** Single direct question how one felt during the instructed time period (or otherwise in the past few weeks):

- How often have you felt loving?
- Rated on a 5-point scale ranging from 'not at all' to 'all the time'

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BK/cm/mq/v/5/a</td>
<td>r=+.64</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>M-FH/c/sq/v/7/a</td>
<td>r=+.38</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
**Study**

<table>
<thead>
<tr>
<th>KAMMA 1983/2</th>
<th>Page in Report:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Kammann, R.; Flett, R.</td>
</tr>
<tr>
<td></td>
<td>Sourcebook for Measuring Well-being with Affectometer 2.</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>18+ aged, general public, Dunedin, New Zealand, 1983</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>52%</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>112</td>
</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>Feels loved Code: L 12.3.2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement:</strong></td>
<td>Single direct question how one felt during the instructed time period (or otherwise in the past few weeks):</td>
</tr>
<tr>
<td></td>
<td>&quot;I feel loved and trusted&quot;</td>
</tr>
<tr>
<td></td>
<td>Rated on a 5-point scale ranging from 'not at all' to 'all the time'</td>
</tr>
</tbody>
</table>

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-BK/cm/mq/v/5/a</td>
<td>r=.57</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>M-FH/c/sq/v/7/a</td>
<td>r=.35</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
### Study

<table>
<thead>
<tr>
<th><strong>AUSTR 1984/2</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
</tr>
</tbody>
</table>

### Measured Correlate

- **Class:** Desire to change love-life  Code: L 12.4.1
- **Measurement:** Single closed question rated on a 2-point scale: Would you change your present dating pattern or marital status if you could:
  - 0 yes
  - 1 no.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sq/n/11/a</td>
<td>$r = +.41$</td>
<td>ALL Ss (married (including not formally married cohabitating Ss (considered as married) and non-married)):</td>
</tr>
</tbody>
</table>
Beta = -.0

controlled for:
gender, age, household income, marital status,
being in love, locus of control, social support (1.
instrumental: problems managing money, deciding how
to spend money, not enough money to do things,
unsatisfying job, not enough money to get by on; 2.
expressive: no close companions, no one to depend
on, unsatisfactory sex life, problems
communicating, dissatisfied with marital status,,
not enough close friends, no one to show
love/affection, too dependent on others, not having
children, no one to understand problems, ; 3.
interpersonal demands: too many responsibilities,
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, friendships, love
relationships and living situation.

NON-MARRIED Ss ONLY;

- desire to change: Mt = 6.7
- maintain present status: Mt = 8.1
Difference significant (001)

- males: r = -.28  \( \beta = -.02 \)
- females: r = -.24  \( \beta = -.02 \)

Beta’s controlled for the same variables as above,
except gender and marital status.
Findings on Happiness & LOVE-LIFE

Study

AUSTR 1984/2

Reported in: Austrom, D.R.
The consequences of being single
Peter Lang Publ., New York, 1984

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

Sample:
Non-Response: 45%
N: 1038

Measured Correlate

Class: Satisfaction with love-life  Code: L 12.4.2

Measurement: single closed question (rated on a 11-point scale ranging from completely dissatisfied to completely satisfied): Indicate how happy you are with your:
- marital status;
- love relationships;
- sex life.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query    Statistics          Remarks
O-SLW/u/sq/n/11/a  r = +.48            (001)
                   r = +.54            (001)
                   r = +.48            (001)

World Database of Happiness: www.eur.nl/fsw/research/happiness
Study

AUSTR 1984/2

Reported in: Austrom, D.R.
The consequences of being single
Peter Lang Publ., New York, 1984

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

Sample:
Non-Response: 45%
N: 1038

Measured Correlate

Class: Satisfaction with love-life Code: L 12.4.2

Measurement: Factor analysis based on answers to closed questions. The respondents were asked to indicate how satisfied they were with their: 1. marital status, 2. love relationship(s), 3. sex life. Rated on a 11-point scale ranging from completely dissatisfied to completely satisfied.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | 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 = +.2

β controlled 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, deciding how to spend money, not enough money to do things, unsatisfying job, not enough money to get by on;
2. expressive: unsatisfactory sex life, problems communicating, dissatisfied with marital status, not enough close friends, no one to show love/affection, too dependent on others, not having children, no one to understand problems; 3. interpersonal demands: too many responsibilities, 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, friendships and living situation.

NON-MARRIED Ss ONLY:

neutral or dissatisfied: Mt = 6.6
- satisfied: Mt = 7.9
Difference significant (001)

- males: \( r = +.41 \) \( \beta = +.27 \)
- females: \( r = +.45 \) \( \beta = +.21 \)

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

**BAKKE 1974**

**Reported in:** Bakker, P. & Berg, N. van de
Determinants and correlates of happiness.

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

**Sample:**

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

**N:** 1552

### Measured Correlate

**Class:** Satisfaction with love-life Code: L 12.4.2

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

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HP/g/sq/ol/7/a | G=.70 p<.05 | Lower among age 41-50 and 61-65
Stronger among low S.E.S.
No relation among high educational level.
Unaffected by sex. |
<table>
<thead>
<tr>
<th>Study</th>
<th>BAKKE 1974</th>
<th>Page in Report: 28</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Bakker, P. &amp; Berg, N. van de</td>
<td></td>
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<tr>
<td></td>
<td>Determinants and correlates of happiness.</td>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>20-65 aged, general public, The Netherlands, 1968</td>
<td></td>
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<tr>
<td><strong>Sample:</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>34% refusal and unattainable.</td>
<td></td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>1552</td>
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</tbody>
</table>

**Measured Correlate**

- **Class:** Satisfaction with love-life  Code: L 12.4.2
- **Measurement:** Closed question rated on an open graphic scale ranging from 'very dissatisfied' to 'very satisfied'.

**Measured Values:**

| **Error Estimates:** | |
| **Remarks:** | |

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HP/g/sq/ol/a</td>
<td>G=.70, p&lt;.05</td>
<td>Lower for those of age 41-50 and 61-65. Stronger among low S.E.S. No relation at high educational level. Unaffected by sex.</td>
</tr>
</tbody>
</table>
Study  
**VENTE 1996**  
*Reported in:* Ventegodt, S.  
Livskvalitet hos 4500 31-33 årige (The Quality Of Life of 4500 31-33-year-olds)  
Forskningscenter for Livskvalitet,  
Forskningscentrets Forlag, København 1996,  
ISBN 8790190068  

*Population:* Persons born at the University Hospital in Copenhagen 1959-1961  
*Sample:* Non-probability purposive sample (unspecified)  
*Non-Response:* 39%  
*N:* 4500

### Measured Correlate

*Class:* Satisfaction with love-life  
*Code:* L 12.4.2

*Measurement:*  
'Single question: How satisfied are you with your present relationship situation?'  
1: very dissatisfied  
2: dissatisfied  
3: neither/nor  
4: satisfied  
5: very satisfied

*Measured Values:*  
N: All:4559; %:1:5.6; 2:9.8; 3:13.4; 4:32.4; 5:38.8

*Error Estimates:*  

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=.46 p&lt;.00</td>
<td></td>
</tr>
</tbody>
</table>
1: Mt =5.50  
2: Mt =6.31  
3: Mt =6.83  
4: Mt =7.74  
5: Mt =8.76  
| O-HL/c/sq/v/5/h | r=.61 p<.00 |  
1: Mt =4.36  
2: Mt =5.26  
3: Mt =5.81  
4: Mt =6.89  
5: Mt =8.40  
| O-SLu/c/sq/v/5/e | r=.53 p<.00 |  
1: Mt =4.71  
2: Mt =5.70  
3: Mt =6.45  
4: Mt =7.41  
5: Mt =8.61  

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Appendix 1

Queries on Happiness used in reported Studies

Happiness Query Code Full Text

A-AOL/cq/sq/v/10/a Selfreport on single question:

"Mood is usually applied to states lasting for minutes or hours, but most people
can estimate their average or typical mood over a long period of time. Using the
following scale, please indicate which statement best describes your typical mood
for the current spring semester. Draw a circle around the number of the statement
which best describes your average level of happiness or unhappiness during this
semester.

10 Complete elation, rapturous joy and soaring ecstasy
9 Very elated and in very high spirits. Tremendous
delight and buoyancy
8 Elated and in high spirits
7 Feeling very good and cheerful
6 Feeling pretty good, "OK"
5 Feeling a little bit low. Just so-so
4 Spirits low and somewhat "blue"
3 Depressed and feeling very low.
   Definitely "blue"
2 Tremendously depressed.
   Feeling terrible, really miserable, "just awful"
1 Utter depression and gloom. Completely down.
   All is black and leaden. Wish it were all over.

A-AOL/cy/sq/v/10/a Selfreport on single question:

"In thinking over the past year, indicate how elated or depressed, happy or
unhappy you have felt. ?"
10 Complete elation, rapturous joy and soaring ecstasy
9 Very elated and in very high spirits. Tremendous delight
and buoyancy.
8 Elated and in high spirits.
7 Feeling very good and cheerful.
6 Feeling pretty good, "OK".
5 Feeling a little bit low. Just so-so.
4 Spirits low and somewhat "blue".
3 Depressed and feeling very low. Definitely "blue".
2 Tremendously depressed.
   Feeling terrible, really miserable, "just awful".
1 Utter depression and gloom. Completely down.
   All is black and leaden. Wish it were all over.

A-AOL/g/sq/v/5/a Selfreport on single question:

"In general, how would you say you feel most of the time - in good spirits or in low
spirits. ?"
5 very good spirits
4 fairly good spirits
3 neither good spirits nor low spirits
2 fairly low spirits
Findings on Happiness & LOVE-LIFE

1. very low spirits.

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

Single direct question:
'How are you feeling now....?'
5 very good
4 good
3 neither good nor poor
2 poor
1 very poor

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

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

Selfreport on 10 questions:

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

Answer options and scoring:
yes = 1
no = 0

Summation:
-Positive Affect Score (PAS): A+C+E+G+I
-Negative Affect Score (NAS): B+D+F+H+J
-Affect Balance Score (ABS): PAS minus NAS
Possible range: -5 to +5

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

A-BK/cm/mq/v/5/a

Selfreport on 40 questions:

"Over this time period (the last few weeks) I have had the feeling described by":
A My life is on the right track
B I seem to be left alone when I don't want to be
C I feel I can do whatever I want to
D I think clearly and creatively
E I feel like a failure
F Nothing seems very much fun any more
G I like myself
"Over this period (the last few weeks), "how often you felt..."

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

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

"Taking all things together, how would you say you have been this period? Check
the frase that best describes how you have felt."
7 very happy
6 happy
5 somewhat happy
4 mixed (about equally happy and unhappy)
3 somewhat unhappy
2 unhappy
1 very unhappy

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-H?/c/sq/v/5/a Selfreport on single question:

Lead item not reported
Response options:
1 unhappy
2 not very happy
3 fairly happy
4 happy
5 very happy

O-HL/c/sq/v/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 ulykklig
1 meget ulykkelig

O-HL/g/sq/n/9/a Selfreport on single question:

"Generally, how happy are you.....?"
1 not at all
2
3
4 5 6 7 8 9 completely

(Originally presented on a horizontal line scale)

O-HL/u/sq/v/4/b Selfreport on single question:

"On the whole, how happy would you say you are.....?"
4 very happy
3 fairly happy
2 not very happy
1 very unhappy

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.

Original text in Dutch:
"Bent u over het algemeen een gelukkig mens?"
a zeer ongelukkig
b
c
d
e
f
g zeer gelukkig

O-SLu/c/sq/v/5/e Selfreport on single question:

'How satisfied are you with your life now?'
5 very satisfied
2 satisfied
3 neither satisfied nor dissatisfied
2 dissatisfied
1 very dissatisfied

Original text in Danish:
'Hvor tilfreds er du med dit liv for tiden?'
5 meget tilfreds
4 tilfreds
3  hverken tilfreds eller utilfreds
2  utilfreds
1  meget utilfreds

O-SLW/c/sq/n/7/a Selfreport on single question:

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

7  completely satisfied
6
5
4  neutral
3
2
1  completely dissatisfied

O-SLW/u/sq/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

On the web you will find an overview of valid queries on happiness and an explanation of the classification used. Go to: www.eur.nl/fsw/research/happiness/hap_quer/hqi_fp.htm. This is the introductory text to the Catalog of Happiness Queries.
# Appendix 2  Statistics used in reported studies

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Explanation</th>
</tr>
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<tr>
<td>AoV</td>
<td><strong>ANALYSIS of VARIANCE (ANOVA)</strong>&lt;br&gt;Type: statistical procedure&lt;br&gt;Measurement level: Correlate(s): nominal, Happiness: metric.&lt;br&gt;In an ANOVA, the total happiness variability, expressed as the sum of squares, is split into two or more parts, each of which is assigned to a source of variability. At least one of those sources is the variability of the correlate, in case there is only one, and always one other is the residual variability, which includes all unspecified influences on the happiness variable. Each sum of squares has its own number of degrees of freedom (df), which sum up to Ne -1 for the total variability. If a sum of squares (SS) is divided by its own number of df, a mean square (MS) is obtained. The ratio of two correctly selected mean squares has an F-distribution under the hypothesis that the corresponding association has a zero-value.&lt;br&gt;Note: A significantly high F-value only indicates that, in case of a single correlate, the largest of the c mean values is systematically larger than the smallest one. Conclusions about the other pairs of means require the application of a Multiple Comparisons Procedure (see e.g. BONFERRONI's MULTIPLE COMPARISON TEST, DUNCAN's MULTIPLE RANGE TEST or STUDENT-NEWMAN-KEULS).</td>
</tr>
<tr>
<td>Beta</td>
<td><strong>(8) STANDARDIZED REGRESSION COEFFICIENT</strong>&lt;br&gt;Type: test statistic.&lt;br&gt;Measurement level: Correlate: all metric, Happinessl: metric.&lt;br&gt;Range: [-1 ; +1] &lt;br&gt;Meaning: beta &gt; 0 « a higher correlate level corresponds with, on an average, higher happiness rating.&lt;br&gt;beta &lt; 0 « a higher correlate level corresponds with, on an average, lower happiness rating.&lt;br&gt;beta = 0 « no correlation.&lt;br&gt;beta = + 1 or -1 « perfect correlation.</td>
</tr>
<tr>
<td>DMt</td>
<td><strong>DIFFERENCE of MEANS AFTER TRANSFORMATION</strong>&lt;br&gt;Type: descriptive statistic only.&lt;br&gt;Measurement level: Correlate: dichotomous, Happiness: metric&lt;br&gt;Theoretical range: [-10; +10] &lt;br&gt;Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.</td>
</tr>
</tbody>
</table>
| G      | **GOODMAN & Kruskal's GAMMA**<br>Type: test statistic<br>Measurement level: Correlate: ordinal, Happinessl: ordinal<br>Range: [-1; +1] <br>Meaning: G = 0 « no rank correlation<br>G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.<br>G = -1 « strongest possible rank correlation, where high correlate values correspond...
with low happiness ratings.

$r$
PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient' or simply 'correlation coefficient')
Type: test statistic.
Measurement level: Correlate: metric, Happiness: metric
Range: $[-1; +1]$

Meaning:
$r = 0$ « no correlation,
$r = 1$ « perfect correlation, where high correlate values correspond with high happiness values, and
$r = -1$ « perfect correlation, where high correlate values correspond with low happiness values.

$V$
CRAMéR's V
Type: test statistic
Measurement level: Correlate: nominal, Happiness: ordinal
Range: $[0; 1]$

Meaning:
$V = 0$ « no association
$V = 1$ « strongest possible association

On the web you will find a text explaining the statistics used in more detail. Go to: www.eur.nl/fsw/research/happiness/hap_cor/cor_fp.htm. This is the introductory text to the Catalog of Correlational Findings. An overview of all statistics is in chapter 4.
### Appendix 3: About the World Database of Happiness

The World Database of Happiness is an ongoing register of scientific research on subjective appreciation of life. It brings together findings that are scattered throughout many studies and provides a basis for synthetic analysis. The research literature is processed as follows:

| Literature on happiness | Selection on subject |
|                        | Bibliography (1)    |
|                        | Directory (2)       |
| Selection of Empirical studies | Selection on valid measurement |
|                        | Happiness Queries (3) |
| Testbank               | Abstracting and classification of findings |
|                        | Distributional Findings |
| How happy people are   | Correlational Findings |
|                        | Correlational Findings |
| o Happiness in Nations (4) | What goes with happiness |
| o Happiness in Publics (6) |


2. **DIRECTORY OF INVESTIGATORS** Names and addresses of most authors on the subject. Enumerates years of publication. Current contents: 5818 names and 3073 addresses. Part of Bibliography.

3. **CATALOG OF HAPPINESS QUERIES** (testbank) Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Queries are classified by focus, time reference, mode of observation, rating and wording.


5. **CATALOG OF HAPPINESS IN PUBLICS** Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.

## Appendix 4  Further Findings in the World Database of Happiness

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<td>ACTIVITY PATTERN (what one does)</td>
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Appendix 5 Related Topics

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End of Report