### Findings on Happiness & RELIGION

**Classification of Findings**

<table>
<thead>
<tr>
<th>Correlate Code</th>
<th>Correlate Name</th>
<th>Number of Studies on this Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>R 1</td>
<td>RELIGION</td>
<td>0</td>
</tr>
<tr>
<td>R 1.1.1</td>
<td>Earlier religion</td>
<td>1</td>
</tr>
<tr>
<td>R 1.1.2</td>
<td>Change in religion</td>
<td>4</td>
</tr>
<tr>
<td>R 1.1.4</td>
<td>Later religion</td>
<td>0</td>
</tr>
<tr>
<td>R 1.2</td>
<td>Current religious beliefs</td>
<td>2</td>
</tr>
<tr>
<td>R 1.2.1</td>
<td>Characteristics of belief-system</td>
<td>0</td>
</tr>
<tr>
<td>R 1.2.1.1</td>
<td>. Christian orthodoxy</td>
<td>3</td>
</tr>
<tr>
<td>R 1.2.1.2</td>
<td>. religious individualism</td>
<td>1</td>
</tr>
<tr>
<td>R 1.2.2</td>
<td>Specific beliefs</td>
<td>0</td>
</tr>
<tr>
<td>R 1.2.2.1</td>
<td>. belief in God</td>
<td>1</td>
</tr>
<tr>
<td>R 1.2.2.2</td>
<td>. belief in Apocalypse</td>
<td>1</td>
</tr>
<tr>
<td>R 1.3</td>
<td>Current religious denomination</td>
<td>13</td>
</tr>
<tr>
<td>R 1.4</td>
<td>Current religious practices</td>
<td>1</td>
</tr>
<tr>
<td>R 1.4.1</td>
<td>Church-member or not</td>
<td>47</td>
</tr>
<tr>
<td>R 1.4.2</td>
<td>Participation in church</td>
<td>33</td>
</tr>
<tr>
<td>R 1.4.3</td>
<td>Praying</td>
<td>1</td>
</tr>
<tr>
<td>R 1.4.4</td>
<td>Living in a convent</td>
<td>2</td>
</tr>
<tr>
<td>R 1.5</td>
<td>Current religious experiences</td>
<td>1</td>
</tr>
<tr>
<td>R 1.6</td>
<td>Attitudes to religion</td>
<td>4</td>
</tr>
<tr>
<td>R 1.6.1</td>
<td>Concern about religion</td>
<td>9</td>
</tr>
<tr>
<td>R 1.6.2</td>
<td>Self-definition as religious</td>
<td>48</td>
</tr>
<tr>
<td>R 1.6.3</td>
<td>Satisfaction with religion</td>
<td>23</td>
</tr>
<tr>
<td>R 1.7.1</td>
<td>Religious climate in family</td>
<td>1</td>
</tr>
<tr>
<td>R 1.7.2</td>
<td>Religious climate in congregation</td>
<td>0</td>
</tr>
<tr>
<td>R 1.7.3</td>
<td>Religious climate in society</td>
<td>0</td>
</tr>
<tr>
<td>R 1.7.3.1</td>
<td>. social acceptance of one’s religion</td>
<td>2</td>
</tr>
</tbody>
</table>

**Appendices**

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 & RELIGION

© on data collected: Ruut Veenhoven, Erasmus University Rotterdam
### Study

<table>
<thead>
<tr>
<th>Study</th>
<th>CHIRI 1982</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Chiriboga, D.A.</td>
</tr>
<tr>
<td>Consistency in adult functioning: The influence of social stress</td>
<td>Ageing and Society, vol.2 part 1, p.7-29</td>
</tr>
<tr>
<td>Population:</td>
<td>People in transition followed 4 years, metropolis, USA, 1969-1980</td>
</tr>
</tbody>
</table>

| Sample: |
| Non-Response: | Attrition after 11 years 24% |
| N: | 163 (in 1969:216) |

### Measured Correlate

| Class: | Earlier religion |
| Measurement: | Closed question asked 11 years ago, at T1(1969), concerning frequency of attendance at a place of worship. |

### Measured Values:

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/cb</td>
<td>r=+.28</td>
<td>p&lt;.05 Males</td>
</tr>
<tr>
<td></td>
<td>r=+.17</td>
<td>ns Females</td>
</tr>
</tbody>
</table>

Happiness assessed at T5 (1980)
Findings on Happiness & RELIGION

Correlate Code: R 1

**Study**

**BAHR 1980**

**Reported in:** Bahr, H.H. & Harvey, C.D.
Correlates of morale among the newly widowed

**Population:** Recently widowed miner`s wives and controls, USA, 1972

**Sample:**

**Non-Response:** Widows 39%, survivor wives 19%, other miners wives 48%

**N:** 222

---

**Measured Correlate**

**Class:** Change in religion  Code: R 1.1.2

**Measurement:** Direct question whether death of spouce had changed religious belief.

**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-HL/c/sq/v/3/ac</td>
<td>r=+ p&lt;.s</td>
<td>Widows only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- belief increased  57% happy</td>
</tr>
<tr>
<td></td>
<td>r=+? p&lt;.s</td>
<td>- belief decreased  43% happy</td>
</tr>
</tbody>
</table>

---

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Findings on Happiness & RELIGION

**Study**: CAPLO 1977

*Reported in:* Caplovitz, D. & Sherrow, F.
The religious drop-outs, apostasy among college graduates.

*Population:* College seniors, USA, 1961

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class</th>
<th>Change in religion Code: R 1.1.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement:</td>
<td>Two questions were asked, with the response categories being Protestant, Catholic, Jew, Other and None. The first was &quot;In which religion were you being raised?&quot; The second read &quot;What is your religion now?&quot; On the basis of these answers Ss were categorized as either: 1. Identifiers (individuals who still adhered the religion of their parents). 2. Apostates (individuals being raised in a certain religion but at the time of the interview adhered to none). Ss who had changed to another religion were excluded.</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>
</table>

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 5 of 298
### Study

**Study**

- **Reported in:** Graney, M.J.
- **Populations:** Happiness and social participation in aging.
- **Population:** 62-89 aged females, followed 4 years, USA, 1967-71
- **Sample:**
- **Non-Response:** 27%; 24% unattainable, 3% incomplete.
- **N:** 44

### Measured Correlate

- **Class:** Change in religion  Code: R 1.1.2
- **Measurement:** Direct question: never / sometimes / weekly. Difference between T1 and T2.
- **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-BB/cm/mq/v/2/a</td>
<td>$b = -0.15$ (ns)</td>
<td>Happiness assessed at T2.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Age 66-75: $b = -0.04$ (ns)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Age 82-92: $b = -0.17$ (ns)</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fs/research/happiness  Page 6 of 298
### Study: HUNSB 1985

**Reported in:** Hunsberger, B.  
Religion, Age, Life satisfaction and Perceived Sources of Religiousness: A Study of Older Persons  

**Population:** 65+ aged, general public, Ontario Canada, 1982

**Sample:**

**Non-Response:**

| N: | 85 |

### Measured Correlate

**Class:** Change in religion  
Code: R 1.1.2

**Measurement:**  
Question: "To what extent would you say you still hold the religious beliefs taught you when you were growing up?"

**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-HL/c/sq/v/3/ae</td>
<td>$r = .45$</td>
<td>$p &lt; .001$</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION  

Study: BRAY 1983  

Reported in: Bray, D.W. & Howard, A.  
The AT&T Longitudinal Studies of Managers  

Population: 40+ aged male managers, Bell Telephone Company, 1978  
Sample: Non-probability purposive-quota sample  
Non-Response: Panel loss at T5  
37%  
N: 422 **)  

Measured Correlate  

Class: Current religious beliefs  
Code: R 1.2  
Measurement: Rating by 4 experts on the basis of multi-method assessments during stays in assessment-center.  
Rater instruction "To what extent does this person practice or abide by a system of religious or humanistic beliefs or ethical values?". (Philosophical attitude).  
Assessed at T5.  

Measured Values:  

Error Estimates:  

Remarks:  

Observed Relation with Happiness  

Happiness Query  

M-PL/c/rc/v/5/a  

Statistics  
r=  

Remarks  
T5 religious by T5 happiness.  
Analysis showed a significantly positive correlation.
Findings on Happiness & RELIGION  
Correlate Code: R 1

**Study**  
**HARDI 1985**  
*Reported in:* Harding, Stephen  
*Values and the nature of psychological well-being*  
Abrams, M. & Gerard, D. & Timms, N. eds., Values and social change in Britain,  

*Population:* 18+ aged, general public, Britain, 1983

*Sample:*

*Non-Response:* ?  
*N:* 1231

---

**Measured Correlate**

*Class:* Current religious beliefs  
*Code:* R 1.2

*Measurement:*

1. Atheist  
2. Not religious  
3. Religious person

*Measured Values:*

*Error Estimates:*

*Remarks:*

---

**Observed Relation with Happiness**

*Happiness Query*  
*Statistics*  
*Remarks*

A-BB/cm/mq/v/2/a  
DM=+  
religious person  
M = 1.6  
Mt' = 6.6  
not religious  
1.3  
6.3  
convinced atheist  
1.0  
6.0

O-HL/u/sq/v/4/a  
G=+.10  
p<.05  
religious person  
39%  very happy  
not religious  
38%  
convinced atheist  
33%

tc=+.06  
ns

O-SLW/c/sq/n/10/aa  
DM=+  
religious person  
M = 7.8  
Mt' = 7.6  
not religious  
7.5  
7.2  
convinced atheist  
7.1  
6.8
### Study

**BALSW 1978**

**Reported in:** Balswick, J.O. & Balkwell, J.W.,

Religious orthodoxy and emotionality


**Population:** High school students, Georgia, USA, 1970

**Sample:**

**Non-Response:** 12%

**N:** 1092

### Measured Correlate

**Class:** Religious orthodoxy  
Code: R 1.2.1.1

**Measurement:** 5-item index of closed questions rated on a 4-point scale. The respondents were asked to what extent they agreed with the following statements: 1. Jesus is the Divine son of God, 2. The Bible is the inspired word of God, 3. Miracles such as Jesus turning water into wine or walking on water, actually happened, 4. Jesus actually arose from the dead, 5. The Devil actually exists.

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-ASA/?/mq/v/4/a</td>
<td>DM=+ p&lt;.06</td>
<td>Difference controlled for sex and race. Religious orthodoxy is more strongly related to the 'expression' of happiness than to the 'feeling' of it.</td>
</tr>
</tbody>
</table>

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### Study
**COHEN 1982**

**Reported in:** Cohen, P.; Struening, E.L.; Muhlin, G.L.; Genevie, L.E; et al

**Population:** 18-55 aged, general public, New York City, 1979

**Sample:**

**Non-Response:**

| N  | 602 |

### Measured Correlate

**Class:** Christian orthodoxy  

**Measurement:** 10-item index measuring the belief in efficacy of prayer, importance of belief in god, existence of miracles, life after death, including traditional (judeo-christian) belief. Responses rated on a four-point scale ranging from "strongly agree" (0) to "strongly disagree" (1).

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**

<table>
<thead>
<tr>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>r=+.02</td>
<td>ns</td>
</tr>
<tr>
<td>r=ns</td>
<td></td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 11 of 298
Study: HUNSB 1985

Reported in: Hunsberger, B.

Population: 65+ aged, general public, Ontario Canada, 1982

Sample:
Non-Response: 85

N:

Measured Correlate

Class: Christian orthodoxy
Code: R 1.2.1.1

Measurement:

- 24-item Christian Orthodoxy Scale (Fullerton and Hunsberger, 1982);
  answers were rated on a scale from -3 to +3 (strongly disagree to strongly agree). Keying of all negatively-worded items is reversed.

Typical items are:

1. God exists as: Father, Son and Holy Spirit.
4. The Bible is the word of God given to guide man to grace and salvation.
8. The Bible may be an important book of moral teaching, but it was no more inspired by God than were many other such books in the history of Man.
9. The concept of God is an old superstition that is no longer needed to explain things in the modern era.
16. Despite what many people believe, there is no such thing as a God who is aware of Man's actions.
21. There is a God who is concerned with everyone's actions.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/ae</td>
<td>r=+.18</td>
<td>Present happiness (as rated on the life chart) is rated higher by high orthodox than by low orthodox.</td>
</tr>
<tr>
<td>O-SLC/c/sq/lg/21/a</td>
<td>DM=+</td>
<td>Earlier happiness (as rated on the same chart) is also rated higher by high orthodox than by low orthodox.</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION  

**Study**  
**JONG 1969**  

**Reported in:** Jong-Gierveld, J. de  
The unmarried. (In Dutch: De ongehuwden).  

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

**Sample:**  
Non-Response: 31%;  
N: 600  

**Measured Correlate**  

**Class:** religious individualism  
Code: R 1.2.1.2  

**Measurement:** 'Collectivistic' type of church  
(e.g. Roman-Catholic) vs 'individualistic' type of church and non-religious.  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SL/?/sq/v/5/a</td>
<td>DM=</td>
<td>ns</td>
</tr>
</tbody>
</table>

Unaffected by sex and marital status.
Findings on Happiness & RELIGION Correlate Code: R 1

Study HARDI 1985

Reported in: Harding, Stephen
Values and the nature of psychological well-being

Population: 18+ aged, general public, Britain, 1983

Sample:

Non-Response: ?

N: 1231

Measured Correlate

Class: belief in God Code: R 1.2.2.1

Measurement:
Single direct question:
0 No
1 Yes

Measured Values:

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-BB/cm/mq/v/2/a</td>
<td>DM=+</td>
<td>no</td>
</tr>
<tr>
<td>O-HL/u/sq/v/4/a</td>
<td>G=+.06</td>
<td>ns</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/10/aa</td>
<td>DM=+</td>
<td>yes</td>
</tr>
</tbody>
</table>

Remarks:
### Study

**BECKE 1987**

**Reported in:** Becker, J.W. and Ester, P.
Awareness of disasters in the Netherlands: some thoughts on the basis of recent

**Population:** 18-70 aged, general public, the Netherlands, 1986

**Sample:**

**Non-Response:** 28%

**N:** 2016

### Measured Correlate

**Class:** belief in Apocalypse  Code: R 1.2.2.2

**Measurement:** Single closed question: 'It won't be long before the world comes
to an end because of God's will', rated on a 5-point scale, ranging from strongly disagree to strongly agree (order reversed).

**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-SLL/c/sq/v/5/a</td>
<td>r = +.01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rpc = +.02</td>
<td>rpc controled for education</td>
</tr>
<tr>
<td></td>
<td>rpc = +.02</td>
<td>rpc controled for education and church membership</td>
</tr>
</tbody>
</table>
**Findings on Happiness & RELIGION**

**Correlate Code: R 1**

**Study**

**CANTR 1965/2**

*Reported in:* Cantril, H.

The pattern of human concerns.

New Brunswick, Rutgers University Press, New Jersey, 1965

*Population:* 21+ aged, general public, USA, 1959

*Sample:*

*Non-Response:* -

*N:* 1549

---

**Measured Correlate**

*Class:* Current religious denomination  Code: R 1.3

*Measurement:*

a. Protestant
b. Catholic
c. Jewish

**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-BW/c/sq/l/11/a | DMt=       | Protestant: Mt = 6.5  
|                 |            | Catholic : Mt = 6.7    
|                 |            | Jewish    : Mt = 7.1   |

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<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>DMt=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Muslim</td>
<td>Mt = 5.3</td>
</tr>
<tr>
<td></td>
<td>Christian</td>
<td>Mt = 4.3</td>
</tr>
<tr>
<td></td>
<td>Pagan</td>
<td>Mt = 3.8</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

**Study**

**CANTR1965/14**

*Reported in:* Cantril, H.
The pattern of human concerns.
New Brunswick, Rutgers University Press, New Jersey, 1965

*Population:* Adults, general public, West-Germany, 1957

*Sample:*

*Non-Response:* -

*N:* 480

---

**Measured Correlate**

*Class:* Current religious denomination  Code: R 1.3

*Measurement:* 0 Protestant 1 Catholic

*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-BW/c/sq/l11/a</td>
<td>DMt=+0.</td>
<td>Catholic: Mt = 5.4  Protestant: Mt = 5.3</td>
</tr>
</tbody>
</table>

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Findings on Happiness & RELIGION

Study: CAPLO 1977

Reported in: Caplovitz, D. & Sherrow, F.
The religious drop-outs, apostasy among college graduates.

Population: College seniors, USA, 1961

Sample:

Non-Response: 18%

N: 33782

Measured Correlate

Class: Current religious denomination Code: R 1.3

Measurement: Direct question: "What is your religion now?"

Measured Values:

Error Estimates:

Remarks: Jews : 37% happy
          Protestants: 51% happy
          Catholics : 45% happy

Observed Relation with Happiness

Jews : 37% happy
Protestants: 51% happy
Catholics : 45% happy
### Study

**GURIN 1960**

**Reported in:** Gurin, G., Veroff, J. & Feld, S.  
Americans view their mental health. A nation wide interview survey.  
Basic Books Inc. 1960, New York, USA

**Population:** 21+ aged, general public, non-institutionalized, USA, 1957

**Sample:**

**Non-Response:** 13%; 5% not at home, 8% refusals

**N:** 2460

### Measured Correlate

**Class:** Current religious denomination  
**Code:** R 1.3

**Measurement:**

- 0 Protestant
- 1 Catholic

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G=-.02</td>
<td>ns</td>
</tr>
</tbody>
</table>
Study: HALMA 1987

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

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

Sample:

Non-Response: 12464

Measured Correlate

Class: Current religious denomination Code: R 1.3

Measurement: Direct question: "Do you consider yourself to be a member of a religion? If so, which one?"
1 Catholic
2 Protestant
3 Else
4 None

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/u/sq/v/4/a r=.00 ns France
r=-.05 p<.05 Great-Britain
r+.05 ns West Germany
r=.01 ns Italy
r=.01 ns Denmark
r=-.06 p<.05 Belgium
r=.08 p<.01 Spain
r=-.03 ns Ireland
r+.17 p<.01 Northern Ireland

DMt= EC (stratified sample)
Catholic Mt' = 6.88
Protestant Mt' = 7.44
Else Mt' = 7.06
None Mt' = 5.72
Findings on Happiness & RELIGION

Correlate Code: R 1

<table>
<thead>
<tr>
<th>Country</th>
<th>Correlation (r)</th>
<th>Significance</th>
</tr>
</thead>
<tbody>
<tr>
<td>France</td>
<td>-0.04</td>
<td>ns</td>
</tr>
<tr>
<td>Great Britain</td>
<td>-0.12</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>West Germany</td>
<td>+0.00</td>
<td>ns</td>
</tr>
<tr>
<td>Italy</td>
<td>-0.10</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>Denmark</td>
<td>-0.01</td>
<td>ns</td>
</tr>
<tr>
<td>Belgium</td>
<td>-0.12</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>Spain</td>
<td>-0.07</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>Ireland</td>
<td>-0.06</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>+0.19</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

DMt= 

EC (stratified sample)
- Catholic Mt' = 6.71
- Protestant Mt' = 7.58
- Else Mt' = 6.51
- None Mt' = 6.38
Findings on Happiness & RELIGION

Correlate Code: R 1

Study | MOLLE 1988

Reported in: Moller, V.
Quality of life in retirement: a case study of zulu return migrants
Social Indicators Research, Vol. 20, 1988, pp. 621-658

Population: Ex-migrant workers, returned to rural KwaZulu, South Africa, 1983

Sample:
Non-Response:

N: 253

Measured Correlate

Class: Current religious denomination Code: R 1.3

Measurement:
0: Churchmember Christian (56%)
or Black independant church (39%)
1: Traditional African religion (4%)

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-HL/c/sq/v/5/a</td>
<td>r=+.30</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>O-SLW/u/sq/v/5/d</td>
<td>r=+.22</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

Direction of correlation unclear in original report. Sign in table is negative, but text indicates positive relationship. Present version approved by author.
**Findings on Happiness & RELIGION**

**Correlate Code: R 1**

**Study**  
**MOLLE 1988**  
*Reported in:* Moller, V.  
Quality of life in retirement: a case study of zulu return migrants  
Social Indicators Research, Vol. 20, 1988, pp. 621-658

*Population:* Ex-migrant workers, returned to rural KwaZulu, South Africa, 1983

*Sample:*

*Non-Response:*

*N:* 253

---

**Measured Correlate**

*Class:* Current religious denomination  
*Code:* R 1.3

*Measurement:*

0: traditional African  
1: Christian

**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-HL/c/sq/v/5/a</td>
<td>r=+.09 ns</td>
<td>All</td>
</tr>
<tr>
<td></td>
<td>Beta=-.1 p&lt;.01</td>
<td>All</td>
</tr>
</tbody>
</table>

*Beta controlled for:*

1 Satisfied with health  
2 Higher affluence rating  
3 Need to purchase maize  
4 Grows cash crop  
5 Has a confidant  
6 Keeps goats  
7 Higher monthly income  
8 More active person  
9 Worked for many years in jobs  
10 Retired for many years  
11 No desire to return to work  
12 Agrees: Modern community leader
Findings on Happiness & RELIGION

Correlate Code: R 1

65+ years old
β controlled for:
1 Seldom restricted by poor health
2 Higher affluence rating
3 Need to purchase maize
4 Grows cash crop
5 More active person
6 Keeps chicken
7 Has a confident
8 Higher standard house
9 Keeps goats
10 Larger size field
11 Higher monthly income
12 No desire to return to work

Beta=-.1 p<.01

65 years old
β controlled for:
1 Satisfied with health
2 Higher monthly income
3 Grows cash crop
4 Feels land is secure
5 Retired for many years
6 Worked for many years in jobs
7 No desire to return to work
8 Achieved/confident of becoming wealthy

O-SLW/u/sq/v/5/d  r=-.04  ns

Direction of correlation unclear in original report. Sign in table is negative, but text indicates positive relationship. Present version approved by author.
Findings on Happiness & RELIGION Correlate Code: R 1

Study MOSER 1969
Reported in: Moser - Peters, C.M.J.
Sample: Non-Response: 14%
unattainable etc.
N: 300

Measured Correlate
Class: Current religious denomination Code: R 1.3
Measurement:
a. Roman Catholic.
   0. other religion
   1. catholic
b. ‘Gereformeerd’ (fundamentalistic protestant).
   0. other religion
   1. gereformeerd.
c. ‘Hervormd’ (moderate protestant).
   0. other religion
   1. hervormd.

Measured Values:
Error Estimates:
Remarks: Non religious ss excluded.

Observed Relation with Happiness
Happiness Query Statistics Remarks
O-HL/c/sq/v/5/c G=.38 p<.01 a. Non religious ss excluded.

G=-.23 p<.01 b.

G=-.20 p<.01 c.
Findings on Happiness & RELIGION Correlate Code: R 1

<table>
<thead>
<tr>
<th>Study</th>
<th>NIPO 1949</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>N.I.P.O.</td>
</tr>
<tr>
<td>Population:</td>
<td>Adult, general public, The Netherlands, 1948</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>7%</td>
</tr>
<tr>
<td>N:</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Correlate**

- **Class:** Current religious denomination  Code: R 1.3
- **Measurement:**
  - a. Gereformeerd (Fundamentalistic Protestant)
  - b. Ned. Hervormd (Moderate Protestant)
  - c. Roman Catholic
  - d. Non-religious.

**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/u/sq/v/3/a | D%=& | Gereformeerd : 55% happy, 41% pretty happy.  
Ned. Hervormd : 45% happy, 45% pretty happy.  
Roman-Catholic: 39% happy, 46% pretty happy.  
Non-religious : 39% happy, 43% pretty happy. |

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 28 of 298
Findings on Happiness & RELIGION  

Study  
**PHILL 1967A**  
*Reported in:* Phillips, D.L.  
Social participation and happiness  
*Population:* Adult, general public, New Hampshire, USA, 196?  
*Sample:*  
*Non-Response:* -  
*N:* 600  

**Measured Correlate**  
*Class:* Current religious denomination  
*Measurement:* 0 Protestant  
1 Catholic  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mq/v2/a  | G= -       | Index of Positive Affects: G' = -.15  
                   |            | Index of Negative Affects: G' = +.16 |
| O-HL/u/sq/v3/a   | G=-.05     | Gammas are based on proportions 'very happy'. |
Findings on Happiness & RELIGION

Study: STAPE 1988/1

Reported in: Stapel, J.
De Gelukkige Nederlanders (The happy dutchman)
Unpublished paper Netherlands Institute for Public Opinion Research, (NIPO)
Amsterdam, the Netherlands, 1988.

Population: 18+ aged, general public, non-institutionalized, The Netherlands, 1988

Sample:

Non-Response:
N: 952

Measured Correlate

Class: Current religious denomination Code: R 1.3

Measurement:
- a. No church,
- b. Roman Catholic
- c. Nederlands Hervormd (Protestant majority)
- d. Gereformeerd (Protestant minority)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

M-FH/u/sq/v/3/a

- No church member 85 % happy
- Roman Catholic 88 % happy
- Ned. Hervormd 84 % happy
- Gereformeerd 82 % happy

- No church member 85 % happy
- Roman Catholic 88 % happy
- Ned. Hervormd 84 % happy
- Gereformeerd 82 % happy
Findings on Happiness & RELIGION

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

**Measured Correlate**  
Class: Current religious denomination  
Code: R 1.3

Measurement:  
a. Baptist  
b. Methodist  
c. Lutheran  
d. Presbyterian  
e. Fundamentalist  
f. Other protestant groups  
g. Catholic  
h. Jewish  
i. No preference

**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-HL/c/sq/v/3/aa D%=$=$</td>
<td>% not too happy:</td>
<td>1957</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>Baptist</td>
<td>16</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>Methodist</td>
<td>7</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>Lutheran</td>
<td>6</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>Presbyterian</td>
<td>14</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>Fundamentalist</td>
<td>9</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>Other Prot. Groups</td>
<td>8</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>Catholic</td>
<td>12</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>Jewish</td>
<td>16</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/aa D%=$=$</td>
<td>No Preference</td>
<td>14</td>
</tr>
</tbody>
</table>

Effect persists after control for age, sex and education. Interaction effects exist.
Study  
HENLE 1967

Reported in: Henley, B. & Davis, M.S.
Satisfaction and dissatisfaction: A study of the chronically-ill aged patient.

Population: 60+ aged chronically-ill, followed three years, USA, 1959-62

Sample:

Non-Response: 24% not available because of death, mental deterioration, unknown address or ...

N: 167 (dropout at T2 46%)

Measured Correlate

Class: Current religious practices  Code: R 1.4

Measurement: Direct question.
0 Non-practicing
1 Practicing

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLL/g/sq/v/4/a  G=+  p<.  Catholics: G' = +.46 (01)
                  Protestant: G' = -.05 (ns)
                  Jews: G' = +.17 (ns)
### Study

**BAHR 1980**

<table>
<thead>
<tr>
<th>Reported in:</th>
<th>Bahr, H.H. &amp; Harvey, C.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Correlates of morale among the newly widowed</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Recently widowed miner’s wives and controls, USA, 1972</td>
</tr>
<tr>
<td>Sample:</td>
<td>Widows 39%, Survivor wives 19%, Other miners wives 48%</td>
</tr>
<tr>
<td>Non-Response:</td>
<td>N = 222</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** Church-member or not  
**Code:** R 1.4.1

| Measurement: | 0 non membership | 1 membership |

### Measured Values

### Error Estimates

### Observed Relation with Happiness

#### Happiness Query

<table>
<thead>
<tr>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>r = +</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td>r = +</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td>r = +</td>
<td>Other miners wives (husband was not involved in mine fire). Strongest among widows.</td>
</tr>
<tr>
<td>r = +</td>
<td>Other miners wives (husband was not involved in mine fire). Least strong among widows, strongest among other miners wives.</td>
</tr>
<tr>
<td>r = +</td>
<td>p &lt; .? widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td>r = +</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td>r = +</td>
<td>Other miners wives (husband was not involved in mine fire). Strongest among widows.</td>
</tr>
</tbody>
</table>

<p>| O-HL/c/sq/v/3/ac | r = + | p &lt; .s widows (husband died six months ago in mine fire) |
| O-HL/c/sq/v/3/ac | r = + | Survivor wives (husband survived mine fire) |
| O-HL/c/sq/v/3/ac | r = + | Other miners wives (husband was not involved in mine fire). Strongest among widows. |</p>
<table>
<thead>
<tr>
<th>r=+?</th>
<th>ns</th>
<th>Other miners wives (husband was not involved in mine fire)</th>
</tr>
</thead>
</table>

Print date: 7-2-2003
### Findings on Happiness & RELIGION

**Code:** R 1

**Non-churched**

**Churched category** consists of catholics, mainline protestants, conservative protestants, and other denominations.

---

**Study**

**BRINK 1986B**

*Reported in:* Brinkerhoff, M & Jacob, J

The role of religion on Quality of Life among participants in the Back-to-the-Land movement measuring and contrasting the impact of both official and non-official religion

*Paper presented on World congress of Sociology, New Delhi, India, August 18-22, 1986*

*Population:* 'back to the land' mini farmers, West USA and Canada, 1984

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

*Non-Response:* 554

*N:* 33.8%

---

**Measured Correlate**

*Class:* Church-member or not  Code: R 1.4.1

*Measurement:*

0 non-churched

1 churched

---

**Measured Values:**

---

**Error Estimates:**

---

**Remarks:**

Churched category consists of catholics, mainline protestants, conservative protestants, and other denominations.

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-H?/?/sq/v/4/a</td>
<td>r=+.10</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

Churched category consists of catholics, mainline protestants, conservative protestants, and other denominations.
### Study

**JONG 1969**

- **Reported in:** Jong-Gierveld, J. de
- **The unmarried.** (In Dutch: De ongehuwden).
- **Samson Publ. 1969, Alphen a/d Rijn, The Netherlands.**
- **Population:** 30-55 aged, general public, Amsterdam, The Netherlands, 1965
- **Non-Response:** 31%;
- **N:** 600

### Measured Correlate

- **Class:** Church-member or not  
  **Code:** R 1.4.1
- **Measurement:**
  - Church members
  - Non-members

### 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-SL/?/?/sq/v/5/a</td>
<td>DM= ns</td>
<td>Unaffected by sex and marital status.</td>
</tr>
</tbody>
</table>
### Study

**MOOKH 1997**

**Reported in:** Mookherjee, H.N.

Assessment of happiness among the elderly population in the United States


**Population:** 60+ aged, general public, USA 1982-91

**Sample:** Probability multi-stage cluster sample

**Non-Response:** not reported

**N:** 3049

### Measured Correlate

**Class:** Church-member or not  Code: R 1.4.1

**Measurement:** Single question on religious membership:
1. non-Member
2. member

**Measured Values:**

| N:          | 1= 152  | 2=2897 |

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**  

<table>
<thead>
<tr>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| DM=+ p<.01 | 1. M=2.10 SD=.70  
| r=+.04 p<.01 | 2. M=2.24 SD=.65  
| Beta=+.0 ns | Beta controlled for socio-demographic variables:  
- Gender  
- Race  
- Marital status  
- Education  
- Financial status  
- Place of residence  
- Religious attendance  

---

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

**MOSER 1969**  
*Reported in:* Moser - Peters, C.M.J.  

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

**Sample:**

- **Non-Response:** 14% unattainable etc.
- **N:** 300

### Measured Correlate

- **Class:** Church-member or not  
  Code: R 1.4.1

- **Measurement:**
  - 0. All
  - 1. No member of church

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/5/c</td>
<td>G=+.07</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td></td>
<td>tc=+.04</td>
<td>ns</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION  
Correlate Code: R 1

Study  NIPO 1949  

Reported in: N.I.P.O.  
The things that make people happy. (In Dutch: Wat de mensen gelukkig maakt.)  

Population: Adult, general public, The Netherlands, 1948  

Sample:  

Non-Response: 7%  

N:  

Measured Correlate  

Class: Church-member or not  Code: R 1.4.1  

Measurement:  
0 Church member  
1 Non-member  

Measured Values:  

Error Estimates:  

Remarks:  

Observed Relation with Happiness  

Happiness Query  Statistics  Remarks  
O-HP/u/sq/v/3/a  G=-.11  See also under 'Religious Denomination' (R 1.2)
Study TIMME 1997/1


Population: 18+ aged, general public, France, 1990

Sample:
Non-Response: 1002

Measured Correlate

Class: Church-member or not Code: R 1.4.1

Measurement: Single question: “Do you belong to a religious denomination?”
0 No
1 Yes

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/mg/v/2/a</td>
<td>DM=+</td>
<td>0 M=1.32 Mt=6.3</td>
</tr>
<tr>
<td></td>
<td>r=+.01 ns</td>
<td>tc=-.00 ns</td>
</tr>
<tr>
<td>O-HL/u/sq/v/4/a</td>
<td>DM=+</td>
<td>0 M=3.12 Mt=7.1</td>
</tr>
<tr>
<td></td>
<td>r=+.06 p&lt;.01</td>
<td>tc=+.06 p&lt;.001</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/10/aa</td>
<td>DM=+</td>
<td>0 M=6.65 Mt=6.3</td>
</tr>
<tr>
<td></td>
<td>r=+.06 p&lt;.01</td>
<td>tc=+.07 p&lt;.001</td>
</tr>
</tbody>
</table>

Beta controlled for sex, age, and household income
**Study**  
**TIMME 1997/2**  
*Reported in:* Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Britain, 1990

*Sample:
*Non-Response:

| N: 1484 |

**Measured Correlate**

*Class:* Church-member or not  
Code: R 1.4.1

*Measurement:* Single question: “Do you belong to a religious denomination?”

0  No  
1  Yes

**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-BB/cm/mq/v/2a</td>
<td>DM=+</td>
<td>r=+.10  p&lt;.001</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>M=1.43  Mt=6.4</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>M=1.82  Mt=6.8</td>
</tr>
<tr>
<td></td>
<td>DM=+</td>
<td>r=+.10  p&lt;.001</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>M=1.43  Mt=6.4</td>
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Beta=.0 p<.001  
8 controlled for sex, age, and household income

<table>
<thead>
<tr>
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Beta=.0 p<.001  
8 controlled for sex, age, and household income
Findings on Happiness & RELIGION

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<th>p-value</th>
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<td>tc=.06</td>
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<tr>
<td>Beta=+.0 ns</td>
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| r=+.09 | p<.001 |
| r=+.09 | p<.001 |
| tc=+.11| p<.001 |
| tc=+.11| p<.001 |
| Beta=+.0 ns | G controlled for sex, age, and household income |
| Beta=+.0 ns | G controlled for sex, age, and household income |
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: "Do you belong to a religious denomination?"

0   No
1   Yes

TIMME 1997/3

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, West Germany, 1990

Sample:

Non-Response:
N: 2201

Measured Correlate

Class: Church-member or not Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

0   No
1   Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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Beta controlled for sex, age, and household income
Findings on Happiness & RELIGION

Correlate Code: R 1

tc=+.01 ns

tc=+.01 ns

Beta=+.0 ns  β controlled for sex, age, and household income

Beta=+.0 ns  β controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa DM=+

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r=+.03 ns

Beta=+.0 p<.01 β controlled for sex, age, and household income

Beta=+.0 p<.01 β controlled for sex, age, and household income
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: "Do you belong to a religious denomination?"
0   No
1   Yes

Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Italy, 1990
Sample:
Non-Response:
N: 2010

Measures Correlate

Class: Church-member or not Code: R 1.4.1
Measurement: Single question: "Do you belong to a religious denomination?"
0   No
1   Yes

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a DM+=
0   M=1.07      Mt =6.1
1   M=1.25      Mt =6.2
r=.04   ns
tc=.04   p<.05
Beta=.0 p<.001  β controlled for sex, age, and household income
O-HL/u/sq/v/4/a DM+=
0   M=2.94      Mt =6.5
1   M=2.99      Mt =6.6
r=.03   ns
tc=.02   ns
Beta=.0 p<.01  β controlled for sex, age, and household income
O-SLW/c/sq/n/10/aa DM+=
0   M=7.00      Mt =6.7
1   M=7.32      Mt =7.0
r=.06   p<.01
tc=.06   p<.01
Beta=.0 p<.001  β controlled for sex, age, and household income
### Study

**TIMME 1997/5**

**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, The Netherlands, 1990

**Sample:**

**Non-Response:** N: 1017

---

### Measured Correlate

**Class:** Church-member or not  Code: R 1.4.1

**Measurement:** Single question: "Do you belong to a religious denomination?"

- 0 No
- 1 Yes

---

### Observed Relation with Happiness

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### Study: TIMME 1997/6

**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  

**Population:** 18+ aged, general public, Denmark, 1990  
**Sample:**  
**Non-Response:**  
**N:** 1030  

#### Measured Correlate

**Class:** Church-member or not  
Code: R 1.4.1  

**Measurement:** Single question: "Do you belong to a religious denomination?"  
0  No  
1  Yes  

**Measured Values:**  
**Error Estimates:**  
**Remarks:**  

#### Observed Relation with Happiness

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Findings on Happiness & RELIGION

Study TIMME 1997/7

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Belgium, 1990
Sample:
Non-Response:
N: 2792

Measured Correlate

Class: Church-member or not Code: R 1.4.1
Measurement: Single question: "Do you belong to a religious denomination?"
0 No
1 Yes

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

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| O-HL/u/sq/v/4/a | DM+=       | M=3.24  Mt=7.5 |
|                |            | M=3.35  Mt=7.8 |
|                | DM+=       | M=3.24  Mt=7.5 |
|                |            | M=3.35  Mt=7.8 |
|                | r=.08      | p<.001  |
|                | r=.08      | p<.001  |
Findings on Happiness & RELIGION  

Correlate Code: R 1

tc=+.07  p<.001

tc=+.07  p<.001

Beta=+.1 p<.001  
β controlled for sex, age, and household income

Beta=+.1 p<.001  
β controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa

DM=+ 0  M=7.36  Mt=7.1
   1  M=7.70  Mt=7.4

DM=+ 0  M=7.36  Mt=7.1
   1  M=7.70  Mt=7.4

r=+.08  p<.001

r=+.08  p<.001

tc=+.08  p<.001

tc=+.08  p<.001

Beta=+.1 p<.001  
β controlled for sex, age, and household income

Beta=+.1 p<.001  
β controlled for sex, age, and household income
Findings on Happiness & RELIGION

Study

**TIMME 1997/8**

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Spain, 1990

*Sample:
Non-Response:*

<p>| | | |</p>
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**Measured Correlate**

*Class:* Church-member or not  Code: R 1.4.1

*Measurement:* Single question: "Do you belong to a religious denomination?"
0 No
1 Yes

*Measured Values:
Error Estimates:
Remarks:

**Observed Relation with Happiness**

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Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 51 of 298
Findings on Happiness & RELIGION

Correlate Code: R 1

 tc=+.03  p<.05
 tc=+.03  p<.05
 Beta=+.0 p<.01  β controlled for sex, age, and household income
 Beta=+.0 p<.01  β controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa

| DM=+ | 0 | M=6.84 | Mt=6.5 |
| DM=+ | 1 | M=7.18 | Mt=6.9 |

 r=+.06  p<.01
 r=+.06  p<.01
 tc=+.05  p<.001
 tc=+.05  p<.001
 Beta=+.0 p<.01  β controlled for sex, age, and household income
 Beta=+.0 p<.01  β controlled for sex, age, and household income
Findings on Happiness & RELIGION

Study: TIMME 1997/9
Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997
Population: 18+ aged, general public, Ireland, 1990
Sample:
Non-Response:
N: 1000

Measured Correlate
Class: Church-member or not Code: R 1.4.1
Measurement: Single question: "Do you belong to a religious denomination?"
0 No
1 Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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r=-.00 ns
r=+.10 p<.001
r=+.10 p<.001
r=-.00 ns
tc=-.01 ns
tc=-.01 ns
tc=+.11 p<.001
tc=+.11 p<.001
Findings on Happiness & RELIGION

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| r=+.01 | p<.01 |
| r=+.06 | p<.01 |
| r=+.01 | ns    |
| r=+.06 | p<.01 |
| tc=+.06 | p<.001 |
| tc=+.00 | ns    |
| tc=+.00 | ns    |
| tc=+.06 | p<.001 |
| Beta=+.0 ns | 8 controlled for sex, age, and household income |

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<p>| r=+.09 | p&lt;.001 |
| r=+.06 | ns     |
| r=+.06 | ns     |
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| tc=+.11 | p&lt;.001 |
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Controlled for sex, age, and household income.
### Study

**TIMME ’97/10**

*Reported in:* Timmermans, D.  
**Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991**  
*Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997*

**Population:** 18+ aged, general public, N. Ireland, 1990  
**Sample:** Non-probability accidental sample

**Non-Response:**

N: 304

### Measured Correlate

**Class:** Church-member or not  
**Code:** R 1.4.1

**Measurement:**  
*Single question: “Do you belong to a religious denomination?”*

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**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**  
**Statistics**  
**Remarks**  

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<td>r=+.03</td>
<td>ns</td>
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</table>
Findings on Happiness & RELIGION  Correlate Code: R 1

\[ tc = +.01 \text{ ns} \]
\[ tc = +.03 \text{ ns} \]
\[ \text{Beta} = +.0 \text{ ns} \]  \( B \text{ controlled for sex, age, and household income} \)
\[ \text{Beta} = +.0 \text{ ns} \]  \( B \text{ controlled for sex, age, and household income} \)

O-SLW/c/sq/n/10/aa

\[ \text{DM}=+ \]

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\[ \text{DM}=+ \]

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\[ r = +.03 \text{ ns} \]
\[ r = -.05 \text{ ns} \]
\[ tc = +.02 \text{ ns} \]
\[ tc = -.03 \text{ ns} \]
\[ \text{Beta} = +.0 p < .01 \]  \( B \text{ controlled for sex, age, and household income} \)
\[ \text{Beta} = -.0 \text{ ns} \]  \( B \text{ controlled for sex, age, and household income} \)
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<td>Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997</td>
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<td><strong>Population:</strong></td>
<td>18+ aged, general public, USA, 1990</td>
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<td><strong>Sample:</strong></td>
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<td><strong>Non-Response:</strong></td>
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## Measured Correlate

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<tr>
<th>Class:</th>
<th>Church-member or not Code: R 1.4.1</th>
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</table>
| **Measurement:** | Single question: "Do you belong to a religious denomination?"
| 0 | No |
| 1 | Yes |

## Measured Values:

<table>
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<tr>
<th>Error Estimates:</th>
<th></th>
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## Observed Relation with Happiness

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Findings on Happiness & RELIGION

Correlate Code: R 1

Beta=+.0 p<.01  B controlled for sex, age, and household income
Beta=+.0 p<.001  B controlled for sex, age, and household income
Beta=+.0 p<.01  B controlled for sex, age, and household income
Beta=+.0 p<.001  B controlled for sex, age, and household income

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

DM=+
0  M=3.17  Mt =7.2
1  M=3.31  Mt =7.7

DM=+
0  M=3.17  Mt =7.2
1  M=3.31  Mt =7.7

DM=+
0  M=3.23  Mt =7.4
1  M=3.31  Mt =7.7

DM=+
0  M=3.23  Mt =7.4
1  M=3.31  Mt =7.7

r=+.06  p<.01
r=+.08  p<.001
r=+.08  p<.001
r=+.06  p<.01
tc=+.06  p<.01
tc=+.06  p<.001
tc=+.06  p<.001
Beta=+.0 ns  B controlled for sex, age, and household income
Beta=+.0 p<.01  B controlled for sex, age, and household income
Beta=+.0 ns  B controlled for sex, age, and household income
Beta=+.0 p<.01  B controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa

DM=+
0  M=7.45  Mt =7.2
1  M=7.78  Mt =7.5

DM=+
0  M=7.27  Mt =7.0
1  M=7.62  Mt =7.4

DM=+
0  M=7.27  Mt =7.0
1  M=7.62  Mt =7.4

DM=+
0  M=7.45  Mt =7.2
1  M=7.78  Mt =7.5

r=+.09  p<.001
r=+.08  p<.001
r=+.08  p<.001
r=+.09  p<.001
tc=+.11  p<.001
tc=+.11  p<.001
tc=+.08  p<.001
Findings on Happiness & RELIGION  

Correlate Code: R 1

\[ t_c = +.08 \quad p < .001 \]

\[ \beta = +.0 \quad \text{ns} \quad \text{controlled for sex, age, and household income} \]

\[ \beta = +.0 \quad p < .05 \quad \text{controlled for sex, age, and household income} \]

\[ \beta = +.0 \quad p < .05 \quad \text{controlled for sex, age, and household income} \]

\[ \beta = +.0 \quad \text{ns} \quad \text{controlled for sex, age, and household income} \]
### Study
**TIMME ’97/12**

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Canada, 1990

*Sample:* 

*Non-Response:* 

*N:* 1730

### Measured Correlate

*Class:* Church-member or not  Code: R 1.4.1

*Measurement:* Single question: “Do you belong to a religious denomination?”
0 No
1 Yes

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

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<th>Happiness Query</th>
<th>Statistics</th>
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Findings on Happiness & RELIGION

Study TIMME '97/14

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Mexico, 1990

Sample:

Non-Response:

N: 1531

Measured Correlate

Class: Church-member or not Code: R 1.4.1

Measurement: Single question: “Do you belong to a religious denomination?”
0 No
1 Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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<tr>
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β controlled for sex, age, and household income

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β controlled for sex, age, and household income

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β controlled for sex, age, and household income
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: “Do you belong to a religious denomination?”

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TIMME '97/16

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: “Do you belong to a religious denomination?”

Non-Response: 999

Population: 18+ aged, general public, Hungary, 1990

Sample:

Measured Values:

Observed Relation with Happiness

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Findings on Happiness & RELIGION Correlate Code: R 1

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<td>Timmermans, D.</td>
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<tr>
<td>Population:</td>
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Sample: Non-Response: N: 1185

Measured Correlate

Class: Church-member or not Code: R 1.4.1

Measurement: Single question: “Do you belong to a religious denomination?”

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Measured Values:

Error Estimates:

Remarks:

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**Findings on Happiness & RELIGION**

**Correlate Code: R 1**

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**Study**

**TIMME '97/18**

---

**Reported in:**
Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:**
18+ aged, general public, Norway, 1990

**Sample:**

**Non-Response:**

**N:** 1239

---

**Measured Correlate**

**Class:** Church-member or not  Code: R 1.4.1

**Measurement:** Single question: "Do you belong to a religious denomination?"

0 No
1 Yes

---

**Observed Relation with Happiness**

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Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 65 of 298
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$r=+.03$  ns
$tc=+.11$  $p<.001$
$tc=+.02$  ns

Beta=+.0 ns  B controlled for sex, age, and household income

Beta=+.0 ns  B controlled for sex, age, and household income
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: “Do you belong to a religious denomination?”

0   No
1   Yes

TIMME '97/19

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Sweden, 1990

Sample: Church-member or not Code: R 1.4.1

18+ aged, general public, Sweden, 1990

Non-Response: 1047

N: 1047

Measured Correlate

Class: Church-member or not Code: R 1.4.1

Measurement: Single question: “Do you belong to a religious denomination?”

0   No
1   Yes

Sample:

Non-Response:

N: 1047

Stats, Error Estimates, Remarks:

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### Findings on Happiness & RELIGION

Correlate Code: R 1

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Findings on Happiness & RELIGION

TIMME '97/21

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Iceland 1990

Sample:

Non-Response: 702

Measured Correlate

Class: Church-member or not Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"
0 No
1 Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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</table>
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: "Do you belong to a religious denomination?"
0   No
1   Yes

Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Argentina, 1990

Non-Response: 1002

Class: Church-member or not Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"
0   No
1   Yes

Measured Correlate

Observed Relation with Happiness

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<td>Beta=+.0 ns</td>
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</table>

Beta=+.0 ns B controlled for sex, age, and household income
### Study

**TIMME '97/23**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Finland, 1990

**Sample:**

**Non-Response:**

**N:** 588

### Measured Correlate

**Class:** Church-member or not Code: R 1.4.1

**Measurement:** Single question: "Do you belong to a religious denomination?"

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### Observed Relation with Happiness

**Happiness Query**

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r=+.10   p<.001
r=+.02   ns
tc=+.02   ns
tc=+.11   p<.001
Beta=+.0 p<.001 8 controlled for sex, age, and household income

**O-HL/u/sq/v/4/a**

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|                   | 1          | M=3.09  | Mt =7.0 |
| DM=+              | 0          | M=3.23  | Mt =7.4 |
|                   | 1          | M=3.31  | Mt =7.7 |

r=+.03   ns
r=+.06   p<.01

Beta=+.0 ns 8 controlled for sex, age, and household income
Findings on Happiness & RELIGION  

Correlate Code: R 1

tc=+.06  p<.001

tc=+.02  ns

Beta=+.0 ns  8 controlled for sex, age, and household income

Beta=+.0 ns  8 controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa  

DM=+  
0  M=7.45  Mt=7.2
1  M=7.71  Mt=7.5

DM=+  
0  M=7.27  Mt=7.0
1  M=7.62  Mt=7.4

r=+.04  ns

r=+.09  p<.001

tc=+.02  ns

tc=+.11  p<.001

Beta=+.0 ns  8 controlled for sex, age, and household income

Beta=+.0 ns  8 controlled for sex, age, and household income
Findings on Happiness & RELIGION

Correlate Code: R 1

**Study**

**TIMME '97/24**

*Reported in:*

Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:*

18+ aged, general public, South Korea, 1990

*Sample:*

*Non-Response:*

N: 1251

**Measured Correlate**

*Class:*

Church-member or not Code: R 1.4.1

*Measurement:*

Single question: “Do you belong to a religious denomination?”

0  No
1  Yes

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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</table>
Findings on Happiness & RELIGION

**Study**

**TIMME '97/26**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Switzerland, 1990

**Sample:**

**Non-Response:**

**N:** 1400

**Measured Correlate**

**Class:** Church-member or not Code: R 1.4.1

**Measurement:** Single question: "Do you belong to a religious denomination?"

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<th>0</th>
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<tbody>
<tr>
<td></td>
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**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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<tbody>
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</tr>
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<tr>
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<tr>
<td></td>
</tr>
<tr>
<td>DM=+</td>
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| Beta=+.0 p<.01 | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
| Beta=+.0 ns   | B controlled for sex, age, and household income |
Findings on Happiness & RELIGION

Single question: "Do you belong to a religious denomination?"
0   No
1   Yes

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Timmermans, D.

Church-member or not Code: R 1.4.1
18+ aged, general public, Brazil 1990

Population: 18+ aged, general public, Brazil 1990
Sample: N: 1782

Measures Correlate
Class: Church-member or not Code: R 1.4.1
Measurement: Single question: "Do you belong to a religious denomination?"
0   No
1   Yes

Measured Values:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>A-BB/cm/mq/v/2/a</td>
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<td>M= .95  Mt =6.0</td>
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<td></td>
<td>DM=+</td>
<td>M=1.22  Mt =6.2</td>
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<tr>
<td></td>
<td>r=+.04</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>r=-.00</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=-.00</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=+.03</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td></td>
<td>Beta=+.00</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>Beta=+.00</td>
<td>ns</td>
</tr>
<tr>
<td>O-HL/u/sq/v/4/a</td>
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<td>DM=+</td>
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<td>ns</td>
</tr>
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<td></td>
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Beta controlled for sex, age, and household income
Findings on Happiness & RELIGION  Correlate Code: R 1

<table>
<thead>
<tr>
<th>Variable</th>
<th>Code</th>
<th>Description</th>
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Beta controlled for sex, age, and household income

r=+.03 ns
tc=+.02 ns
tc=+.06 p<.001

Beta=+.0 p<.01 8 controlled for sex, age, and household income

Beta=+.0 p<.01 8 controlled for sex, age, and household income

Beta=+.0 p<.01 8 controlled for sex, age, and household income

Beta=+.0 p<.01 8 controlled for sex, age, and household income
Findings on Happiness & RELIGION  

Correlate Code: R 1

Single question: "Do you belong to a religious denomination?"

0   No
1   Yes

TIMME '97/29

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

Sample: 18+ aged general public, Nigeria, 1990

Non-Response: 1001

N: 1001

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

Sample: 18+ aged general public, Nigeria, 1990

Non-Response: 1001

N: 1001

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

Sample: 18+ aged general public, Nigeria, 1990

Non-Response: 1001

N: 1001

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

Sample: 18+ aged general public, Nigeria, 1990

Non-Response: 1001

N: 1001

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

Sample: 18+ aged general public, Nigeria, 1990

Non-Response: 1001

N: 1001

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

Sample: 18+ aged general public, Nigeria, 1990

Non-Response: 1001

N: 1001

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

Sample: 18+ aged general public, Nigeria, 1990

Non-Response: 1001

N: 1001

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"

Sample: 18+ aged general public, Nigeria, 1990

Non-Response: 1001

N: 1001

Observed Relation with Happiness

**Happiness Query**  
A-BB/cm/mq/v/2/a  
O-HL/u/sq/v/4/a  
O-SLW/c/sq/n/10/aa

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<th>Remarks</th>
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<td></td>
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<tr>
<td></td>
<td>Beta=+.0</td>
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</table>

ß controlled for sex, age, and household income
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: “Do you belong to a religious denomination?”
0   No
1   Yes

Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Chile 1990
Sample: N: 1500
Non-Response: 1500

Measured Correlate
Class: Church-member or not Code: R 1.4.1
Measurement: Single question: “Do you belong to a religious denomination?”
0   No
1   Yes

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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<td>ns</td>
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<td>tc=+.04</td>
<td>p&lt;.05</td>
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Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 79 of 298
Findings on Happiness & RELIGION  Correlate Code: R 1

**Study**  
**TIMME '97/31** 

*Reported in:* Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Belarus, 1990

*Sample:

*Non-Response:*

N: 1015

### Measured Correlate

*Class:* Church-member or not  Code: R 1.4.1

*Measurement:* Single question: "Do you belong to a religious denomination?"

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*Error Estimates:

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Beta=-.0  p<.05  B controlled for sex, age, and household income

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

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Beta=-.0  ns  B controlled for sex, age, and household income

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**Print date:** 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 80 of 298
Study  TIMME '97/32

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged general public, India, 1990

Sample:

Non-Response:

N: 2500

Measured Correlate

Class: Church-member or not Code: R 1.4.1

Measurement:

Question: "Do you belong to a religious denomination?"
0 No
1 Yes

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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<tbody>
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<tr>
<td>DM=+</td>
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<td>M=1.82  Mt=6.8</td>
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r=+.08  p<.001
r=+.10  p<.001
r=+.10  p<.001
r=+.04  ns
tc=-.01  p<.05
tc=+.11  p<.001
tc=+.11  p<.001
tc=+.08  p<.001
Findings on Happiness & RELIGION

**Correlate Code: R 1**

Beta = -0.0 p < .05  
Beta = +0.0 p < .001  
Beta = +0.0 p < .01  
Beta = +0.0 p < .001  
Beta = +0.0 p < .001

**O-HL/u/sq/v/4/a**

DM =

<table>
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<tr>
<th></th>
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<td>M = 3.31</td>
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r = +.06 p < .01

r = +.08 p < .001

r = +.03 ns

r = +.06 p < .01

tc = +.00 ns

tc = +.06 p < .001

tc = +.06 p < .001

tc = +.06 p < .01

Beta = +.0 ns

Beta = +.0 ns

Beta = +.0 ns

Beta = +.0 ns

**O-SLW/c/sq/n/10/aa**

DM =

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r = +.09 p < .001

r = +.01 ns

r = +.08 p < .001

r = +.09 p < .001

tc = +.11 p < .001

tc = +.11 p < .001

tc = +.08 p < .001
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<td>Beta=.0</td>
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<td>Beta=.0 p&lt;.05</td>
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<tr>
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</table>

B controlled for sex, age, and household income
Study TIMME '97/33

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
 Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Czechoslovakia, 1990

Sample:
Non-Response:
N: 1396

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement: Single question: "Do you belong to a religious denomination?"
0 No
1 Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<td>A-BB/cm/mq/v/2/a</td>
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<td>1 M=.84 Mt=5.8</td>
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<td>p&lt;.05</td>
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<td>B controlled for sex, age, and household income</td>
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<td>B controlled for sex, age, and household income</td>
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</tbody>
</table>
### Findings on Happiness & RELIGION

**Correlate Code: R 1**

Single question: "Do you belong to a religious denomination?"

- **0** No
- **1** Yes

---

**TIMME '97/34**

**Page in Report:**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, East Germany, 1990

**Sample:**

**Non-Response:**

- **N:** 1336

---

**Measured Correlate**

**Class:** Church-member or not  Code: R 1.4.1

**Measurement:** Single question: "Do you belong to a religious denomination?"

- **0** No
- **1** Yes

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

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**O-SLW/c/sq/n/10/aa**

| DM=+ |       |
| 0   | M=6.64 |
| 1   | M=6.88 |
| r=+.06 | p<.05 |
| tc=+.07 | p<.05 |
| Beta=+.0 | p<.05 |

Beta controlled for sex, age, and household income
# Findings on Happiness & RELIGION Correlate Code: R 1

**Study**

**TIMME '97/35**

**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Slovenia, 1990

**Sample:**

**Non-Response:**

**N:** 1035

---

**Measured Correlate**

**Class:** Church-member or not  
Code: R 1.4.1

**Measurement:** Single question: "Do you belong to a religious denomination?"  
0  No  
1  Yes

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

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Findings on Happiness & RELIGION Correlate Code: R 1

TIMME '97/36

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Bulgaria, 1990

Sample:
Non-Response:
N: 1034

Measured Correlate

Class: Church-member or not Code: R 1.4.1
Measurement: Single question: "Do you belong to a religious denomination?"
0 No
1 Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/u/sq/v/4/a DM=+ 0 M=2.33 Mt=4.4
1 M=2.33 Mt=4.4
r=-.01 ns
tc=-.02 ns
Beta=+.0 ns β controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa DM=+ 0 M=5.06 Mt=4.5
1 M=4.99 Mt=4.4
r=-.01 ns
tc=-.02 ns
Beta=+.0 ns β controlled for sex, age, and household income
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: “Do you belong to a religious denomination?”

0   No
1   Yes

TIMME '97/37

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Romania, 1990

Sample:

Non-Response:

N: 1103

Measured Correlate

Class: Church-member or not Code: R 1.4.1

Measurement: Single question: “Do you belong to a religious denomination?”

0   No
1   Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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Findings on Happiness & RELIGION

**Study**

**TIMME '97/39**

**Page in Report:**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, China, 1990

**Sample:**

**Non-Response:**

**N:** 1000

**Measured Correlate**

**Class:** Church-member or not Code: R 1.4.1

**Measurement:** Single question: "Do you belong to a religious denomination?"

0 No

1 Yes

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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</table>
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: “Do you belong to a religious denomination?”
0   No
1   Yes

Population: 18+ aged, general public, Austria, 1990
Sample:
Non-Response: N: 1460

Measured Correlate
Class: Church-member or not Code: R 1.4.1
Measurement: Single question: “Do you belong to a religious denomination?”
0   No
1   Yes

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

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Findings on Happiness & RELIGION  
Correlate Code: R 1

Study  
TIMME '97/44  
Reported in:  
Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  

Population:  
18+ aged general public, Turkey, 1990  
Sample:  
Non-Response:  

N: 1030

Measured Correlate  
Class:  
Church-member or not  
Code: R 1.4.1

Measurement:  
Single question: “Do you belong to a religious denomination?”
0  No
1  Yes

Measured Values:  

Error Estimates:  

Remarks:

Observed Relation with Happiness

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<td>Beta=.0</td>
<td>p&lt;.001</td>
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<td></td>
<td>8 controlled for sex, age, and household income</td>
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| O-HL/u/sq/v/4/a | DM+        | M=2.96  Mt=6.5 |
|                | 1          | M=3.08  Mt=6.9 |
|                | DM+        | M=3.23  Mt=7.4 |
|                | 1          | M=3.31  Mt=7.7 |
|                | r=+.03     | ns      |
|                | r=+.06     | p<.01   |
|                | 8 controlled for sex, age, and household income |
Findings on Happiness & RELIGION

Correlate Code: R 1

| tc=+.01  | ns |
| tc=+.06  | p<.001 |

Beta=+.0 ns  \( B \) controlled for sex, age, and household income

Beta=+.0 ns  \( B \) controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa

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r=+.07  p<.05

r=+.09  p<.001

tc=+.11  p<.001

tc=+.03  p<.01

Beta=+.0 p<.01  \( B \) controlled for sex, age, and household income

Beta=+.0 ns  \( B \) controlled for sex, age, and household income
Findings on Happiness & RELIGION

TIMME '97/46

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Lithuania, 1990

Sample:
Non-Response: 1000

N: 1000

Measured Correlate

Class: Church-member or not  Code: R 1.4.1
Measurement: Single question: "Do you belong to a religious denomination?"
0   No
1   Yes

Observed Relation with Happiness

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<td></td>
<td>r=+.01</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>tc=+.00</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>Beta=+.0 ns</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>β controlled for sex, age, and household income</td>
</tr>
</tbody>
</table>
### Study
**TIMME '97/47**

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Latvia, 1990

**Sample:**

**Non-Response:**

**N:** 903

### Measured Correlate

**Class:** Church-member or not  Code: R 1.4.1

**Measurement:** Single question: "Do you belong to a religious denomination?"

- **0** No
- **1** Yes

### 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-BB/cm/mq/v/2/a</td>
<td>DM=+</td>
<td>0: M= .93, Mt=5.9, r=-.00, tc=+.01, Beta=-.0 ns&lt;br&gt;0: M= .92, Mt=5.9, r=+.00 ns, tc=-.03 ns, Beta=+.0 ns&lt;br&gt;β controlled for sex, age, and household income</td>
</tr>
<tr>
<td>O-HL/u/sq/v/4/a</td>
<td>DM=+</td>
<td>0: M=2.53, Mt=5.1, r=-.03, tc=+.03 ns, Beta=-.0 ns&lt;br&gt;0: M=2.50, Mt=5.0, r=+.03 ns, tc=-.03 ns, Beta=+.0 ns&lt;br&gt;β controlled for sex, age, and household income</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/10/aa</td>
<td>DM=+</td>
<td>0: M=5.66, Mt=5.2, r=+.02, tc=+.02 ns, Beta=+.0 ns&lt;br&gt;1: M=5.77, Mt=5.3, r=+.02 ns, tc=+.02 ns, Beta=+.0 ns&lt;br&gt;β controlled for sex, age, and household income</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

Study  
Timme '97/48  
Reported in: Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  
Sample:
Non-Response:  
N: 1008

Measured Correlate

Class: Church-member or not  
Code: R 1.4.1
Measurement: Single question: "Do you belong to a religious denomination?"  
0 No
1 Yes

Measured Values:

Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  
A-BB/cm/mq/v/2/a  
O-HL/u/sq/v/4/a  
O-SLW/c/sq/n/10/aa
Statistics  
DM=+  
0  M=.78  Mt=5.8  
1  M=.64  Mt=5.6

r=-.03  ns  
tc=-.02  ns
Beta=-.0  ns  β controlled for sex, age, and household income

DM=+  
0  M=2.60  Mt=5.3  
1  M=2.49  Mt=5.0

r=-.06  ns  
tc=-.03  ns
Beta=-.0  ns  β controlled for sex, age, and household income

DM=+  
0  M=6.05  Mt=5.6  
1  M=5.63  Mt=5.1

r=-.07  p<.05  
tc=-.05  p<.05
Beta=-.0  ns  β controlled for sex, age, and household income
Findings on Happiness & RELIGION

Study TIMME '97/50

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Russia, 1990

Sample: 

Non-Response:

N: 1961

Measured Correlate

Class: Church-member or not  Code: R 1.4.1

Measurement:

Single question: "Do you belong to a religious denomination?"
0 No
1 Yes

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-BB/cm/mq/v/2/a</td>
<td>DM=+</td>
<td>0 M= .43 Mt =5.4 1 M= .05 Mt =5.0</td>
</tr>
<tr>
<td>r=-.09 p&lt;.001</td>
<td>tc=-.10 p&lt;.001</td>
<td></td>
</tr>
<tr>
<td>Beta=-.0 p&lt;.05</td>
<td>B controlled for sex, age, and household income</td>
<td></td>
</tr>
<tr>
<td>O-HL/u/sq/v/4/a</td>
<td>DM=+</td>
<td>0 M=2.55 Mt =5.2 1 M=2.49 Mt =5.0</td>
</tr>
<tr>
<td>r=-.04 ns</td>
<td>tc=-.04 p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>Beta=-.0 ns</td>
<td>B controlled for sex, age, and household income</td>
<td></td>
</tr>
<tr>
<td>O-SLW/c/sq/n/10/aa</td>
<td>DM=+</td>
<td>0 M=5.48 Mt =5.0 1 M=5.23 Mt =4.7</td>
</tr>
<tr>
<td>r=-.05 p&lt;.05</td>
<td>tc=-.06 p&lt;.01</td>
<td></td>
</tr>
<tr>
<td>Beta=-.0 ns</td>
<td>B controlled for sex, age, and household income</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**WESSM 1956**

*Reported in:* Wessman, A.E.
A psychological inquiry into satisfaction and happiness

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

*Sample:*

*Non-Response:* -

*N:* 2377

### Measured Correlate

*Class:* Church-member or not  Code: R 1.4.1

*Measurement:* 0 Church member 1 Non-member

*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-HL/g/sq/v/3/c</td>
<td>G=.27</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

Correlate Code: R 1

Study  
WESSM 1956

Reported in:  
Wessman, A.E.  
A psychological inquiry into satisfaction and happiness  

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

Sample:

Non-Response:  
-

N:  
2377

Measured Correlate

Class:  
Church-member or not  
Code: R 1.4.1

Measurement:  
1 Protestant, Catholic, Jewish
0 None, agnostics

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  
O-HL/g/sq/v/3/c

Statistics  
G=+.27  p<.01

Remarks  
No significant differences among those reporting Protestant, Catholic or Jewish religion
**Study**  
**BAHR 1980**  
*Reported in:* Bahr, H.H. & Harvey, C.D.  
*Correlates of morale among the newly widowed*  

*Population:* Recently widowed miner’s wives and controls, USA, 1972

*Sample:* Widows 39%, survivor wives 19%, other miners wives 48%

*Non-Response:* 222

*N:* 222

**Measured Correlate**

*Class:* Participation in church  
*Code:* R 1.4.2

*Measurement:* Direct question. 1 = never to 5 = weekly attendance.

**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-HL/c/sq/v/3/ac</td>
<td>r=+ p&lt;.s</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>r=? ns</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>r=+ ns</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>r=? ns</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>r=+ ns</td>
<td>Other miners wives (husband was not involved in mine fire). Strongest among widows.</td>
</tr>
<tr>
<td></td>
<td>r=? p&lt;.?</td>
<td>Other miners wives (husband was not involved in mine fire)</td>
</tr>
</tbody>
</table>
**Study**  
**BAHR 1980**

**Reported in:** Bahr, H.H. & Harvey, C.D.  
Correlates of morale among the newly widowed  

**Population:** Recently widowed miner’s wives and controls, USA, 1972

**Sample:**

**Non-Response:** Widows 39%, survivor wives 19%, other miners wives 48%

**N:** 222

---

**Measured Correlate**

**Class:** Participation in church  
Code: R 1.4.2

**Measurement:**  
0 No 1 Yes

**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-BW/c/sq/l10/b | D%=+       | Widows (husband died six months ago in mine fire)  
Among Ss responding 'yes' 19% more 'very happy' |
|                 | D%=+29 p<.?| Widows (husband died six months ago in mine fire)  
D%=29 |
|                 | D%=+       | Survivor wives (husband survived mine fire)  
Among Ss responding 'yes' 29% more 'very happy' |
<p>|                 | r=? ns     | Survivor wives (husband survived mine fire) |
|                 | D%=+       | Other miners wives (husband was not involved in mine fire). Among Ss responding 'yes' 19% more 'very happy' |
|                 | r=? ns     | Other miners wives (husband was not involved in mine fire) |
| O-HL/c/sq/v3/ac  | r=+ p&lt;.s   | Widows (husband died six months ago in mine fire) |
|                 | r=+? ns    | Widows (husband died six months ago in mine fire) |
|                 | r=+ ns     | Survivor wives (husband survived mine fire) |
|                 | r=+? ns    | Survivor wives (husband survived mine fire) |</p>
<table>
<thead>
<tr>
<th>$r$</th>
<th>$ns$</th>
<th>Other miners wives (husband was not involved in mine fire). Strongest among widows.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$r$ =+</td>
<td>$ns$</td>
<td>Other miners wives (husband was not involved in mine fire)</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION  Correlate Code: R 1

**Study**  
**BRADB 1965/1**  
*Reported in:* Bradburn, N.M. & Caplovitz D.  
*Reports on happiness*  
Aldine Publishing Company, 1965, Chicago USA

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

*Sample:*  
*Non-Response:* -  
*N:* 2006

**Measured Correlate**  
*Class:* Participation in church  
*Code:* R 1.4.2

*Measurement:* Open-ended question on how often one attended church services or other church-sponsored events during the last month.  
none / 1-4 times / 5 or more times

**Measured Values:**  
**Error Estimates:**

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cw/mq/v/4/e | G=-.04 ns  | Computed for those with current religious preferences only.  
*Index of Positive Affects only:* $G' = -0.04 \text{ (ns)}$  
*Positive among those of high S.E.S.:* $G' = +0.10 \text{ (ns)}$  
*Negative among those of low S.E.S.:* $G' = -0.35 \text{ (05)}$ |
Findings on Happiness & RELIGION

Study: BRADB 1965/1

Reported in: Bradburn, N.M. & Caplovitz D.
Reports on happiness
Aldine Publishing Company, 1965, Chicago USA

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

Sample:
Non-Response: -
N: 2006

Measured Correlate

Class: Participation in church  Code: R 1.4.2

Measurement: Open-ended question on: "how often one attended church services or other church sponsored events during the last month."
none / 1-4 times / 5 or more times

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-BB/cw/mq/v/4/e  G=-.04  ns  Computed for those with current religious preferences only.

- Index of Positive Affects only: G' = -.04 (ns)
  - high S.E.S. : G' = +.10 (ns)
  - low S.E.S. : G' = -.35 (05)
<table>
<thead>
<tr>
<th>Study</th>
<th>BRINK 1986B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Brinkerhoff, M &amp; Jacob, J</td>
</tr>
<tr>
<td>The role of religion on Quality of Life among participants in the Back-to-the-Land movement measuring and contrasting the impact of both official and non-official religion</td>
<td></td>
</tr>
<tr>
<td>Paper presented on World congress of Sociology, New Delhi, India, August 18-22 1986</td>
<td></td>
</tr>
</tbody>
</table>

| Population: | 'back to the land' mini farmers, West USA and Canada, 1984 |

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

| Non-Response: | 554 |

| N: | 33.8% |

### Measured Correlate

| Class: | Participation in church Code: R 1.4.2 |

<table>
<thead>
<tr>
<th>Measurement:</th>
<th>Self rating:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. not at all</td>
<td></td>
</tr>
<tr>
<td>2. less than monthly</td>
<td></td>
</tr>
<tr>
<td>3. bi-monthly/monthly</td>
<td></td>
</tr>
<tr>
<td>4. weekly and more</td>
<td></td>
</tr>
</tbody>
</table>

| Measured Values: | 1: 49.6%, 2: 16.0%, 3: 10.3%, 4: 24.1% |

| 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-H/?/?sq/v/4/a</td>
<td>r=.05</td>
<td>ns</td>
</tr>
</tbody>
</table>
**Study**  
**BULAT 1973**  

**Reported in:** Bulatao, R.A.  
Measures of happiness among Manila residents  

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

**Sample:**

**Non-Response:** -

**N:** 941

---

**Measured Correlate**

**Class:** Participation in church  
**Code:** R 1.4.2

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

**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-BW/c/sq/l/11/a | G = +     | Males : G = +.16  
                    |            | Females : G = +.32 |
| O-HL/c/sq/v/3/f  | G = +     | Males : G = +.10  
                    |            | Females : G = +.28 |
**Study**

**GLENN 1979**

*Reported in:* Glenn, N.D., Weaver, C.N.
A note on family situation and global happiness
Social Forces, Vol. 57, 1979, p. 960-967

*Population:* 18-59 aged whites, non-institutionalized,
USA, 1972-75

*Sample:*

*Non-Response:*

<table>
<thead>
<tr>
<th>N:</th>
<th>4049</th>
</tr>
</thead>
<tbody>
<tr>
<td>(72:1023/73:1002/74:1005/75:1019)</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Correlate**

*Class:* Participation in church  Code: R 1.4.2

*Measurement:*

*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-HL/c/sq/v/3/aa</td>
<td>Beta=+ p&lt;.01</td>
<td>B controlled for: marital status, presence of children in home, age of children, own age, family income, occupational prestige (males only), employment outside home (females only) and years of school completed:</td>
</tr>
<tr>
<td></td>
<td>1972</td>
<td>1973</td>
</tr>
<tr>
<td>males</td>
<td>+.06</td>
<td>+.11</td>
</tr>
<tr>
<td>females</td>
<td>+.11</td>
<td>+.14</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

Study

GLENN 1981A

Reported in: Glenn, N.D.; McLanahan, S.
The Effects of Offspring on Psychological Well-being of Older Adults
Population: 50+ aged, with no children under age 18 at home, USA,1973-78
Sample:
Non-Response:
N: 2465

Measured Correlate

Class: Participation in church Code: R 1.4.2
Measurement: Direct question:

Measured Values:
Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/3/aa  Beta=+  Males $\beta = +.12 \ (01)$
                    Females $\beta = +.13 \ (01)$
$\beta$ controled for age, family income, years of school completed and employment status.
(White subjects only)
Findings on Happiness & RELIGION

**Study**

**GRANE 1975**

*Reported in:* Graney, M.J.
Happiness and social participation in aging.

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

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

*N:* 44

**Measured Correlate**

*Class:* Participation in church  *Code:* R 1.4.2

*Measurement:* Direct question: never / sometimes / weekly or more. Assessed at T2.

**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>$b = +.33$ p &lt; .01</td>
<td>Happiness assessed at T2.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Age 66-75: $b = +.67$ (01)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Age 82-92: $b = -.10$ (ns)</td>
</tr>
</tbody>
</table>

---

**Print date:** 7-2-2003  **World Database of Happiness:** www.eur.nl/fsr/research/happiness  **Page:** 108 of 298
Study | GRANE 1975
---|---
**Reported in:** | Graney, M.J.
Happiness and social participation in aging.

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

**Sample:** | 

**Non-Response:** | 27%; 24% unattainable, 3%

**N:** | 44

**Measured Correlate**

**Class:** | Participation in church Code: R 1.4.2

**Measurement:** | Direct question: never / sometimes / weekly or more.
Assessed at T2.

**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-BB/cm/mq/v2/a</td>
<td>tb=+.33 \ p&lt;.01</td>
<td>Happiness assessed at T2.</td>
</tr>
</tbody>
</table>

Age 66-75: \( b = +.67 \ (p<.01) \)
Age 82-92: \( b = -.10 \ (p>.) \)
**Findings on Happiness & RELIGION**

**Correlate Code: R 1**

---

**Study**  
**GURIN 1960**  

*Reported in:* Gurin, G., Veroff, J. & Feld, S.  
Americans view their mental health. A nation wide interview survey.  
Basic Books Inc. 1960, New York, USA

*Population:* 21+ aged, general public, non-institutionalized, USA, 1957

*Sample:*

*Non-Response:* 13%; 5% not at home, 8% refusals

*N:* 2460

---

**Measured Correlate**

*Class:* Participation in church  
*Code:* R 1.4.2

*Measurement:*  
Direct question: never / a few times a year / a few times a month / once a week / more than once a week.

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | G = +.14  p < .01 | Analysis on the basis of the answers of Catholics and Protestants only.  
Catholics : G' = +.20 (01)  
U-shaped curve: Those who attend church once a week are most happy.  
Protestants : G' = +.11 (01) |

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 110 of 298
Study | HADAW 1978
---|---
Reported in: | Hadaway, C.K.
Life satisfaction and religion: a reanalysis
Population: | 18+ aged, general public, non-institutionalized, USA, 1971
Sample: | N: 2164
Non-Response: | No...

Measured Correlate

Class: | Participation in church Code: R 1.4.2
Measurement: | No...
Measured Values: | No...
Error Estimates: | No...
Remarks: | No...

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/c/sq/n/7/b</td>
<td>r=+.16 \ p&lt;.01</td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/n/7/a</td>
<td>r=+.16 \ p&lt;.01</td>
<td></td>
</tr>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r=+.16 \ p&lt;.001</td>
<td></td>
</tr>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r=+.16 \ p&lt;.01</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

CORRELATE CODE: R 1

Study  | HALMA 1987
---|---
Reported in:  | Halman, L., Heunks, F., de Moor, R. and Zanders, H.
Population:  | 18+ aged, general public, EU nations, 1981
Sample:      | 
Non-Response: | 
N:           | 12464

Measured Correlate

Class:  | Participation in church  Code: R 1.4.2
Measurement:  | Direct question: "Ceremonies as marriages, funerals and baptisms excluded, how often do you go to church?"
            | 1 Once or more a week
            | 8 Never

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-HL/u/sq/v/4/a</td>
<td>r=+.02 ns</td>
<td>France</td>
</tr>
<tr>
<td></td>
<td>r=+.04 ns</td>
<td>Great Britain</td>
</tr>
<tr>
<td></td>
<td>r=+.05 ns</td>
<td>West Germany</td>
</tr>
<tr>
<td></td>
<td>r=+.04 ns</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>r=+.02 ns</td>
<td>Denmark</td>
</tr>
<tr>
<td></td>
<td>r=+.03 ns</td>
<td>Belgium</td>
</tr>
<tr>
<td></td>
<td>r=+.02 ns</td>
<td>Spain</td>
</tr>
<tr>
<td></td>
<td>r=+.09 p&lt;.01</td>
<td>Ireland</td>
</tr>
<tr>
<td></td>
<td>r=+.14 p&lt;.05</td>
<td>Northern Ireland</td>
</tr>
</tbody>
</table>
### Findings on Happiness & RELIGION

**Correlate Code: R 1**

<table>
<thead>
<tr>
<th>Frequency</th>
<th>EC (stratified sample)</th>
</tr>
</thead>
<tbody>
<tr>
<td>more than 1 a week</td>
<td>Mt' = 7.57</td>
</tr>
<tr>
<td>once a week</td>
<td>Mt' = 7.19</td>
</tr>
<tr>
<td>once per month</td>
<td>Mt' = 6.49</td>
</tr>
<tr>
<td>holydays</td>
<td>Mt' = 6.99</td>
</tr>
<tr>
<td>ceremonies</td>
<td>Mt' = 6.88</td>
</tr>
<tr>
<td>once a year</td>
<td>Mt' = 7.19</td>
</tr>
<tr>
<td>less often</td>
<td>Mt' = 7.14</td>
</tr>
<tr>
<td>never</td>
<td>Mt' = ?</td>
</tr>
</tbody>
</table>

**DMt=+**

<table>
<thead>
<tr>
<th>Country</th>
<th>Correlation</th>
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</thead>
<tbody>
<tr>
<td>France</td>
<td>r=+.07 ns</td>
</tr>
<tr>
<td>Great Britain</td>
<td>r=-.01 ns</td>
</tr>
<tr>
<td>West Germany</td>
<td>r=-.02 ns</td>
</tr>
<tr>
<td>Italy</td>
<td>r=+.04 ns</td>
</tr>
<tr>
<td>Denmark</td>
<td>r=+.04 ns</td>
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<tr>
<td>Belgium</td>
<td>r=+.08 p&lt;.05</td>
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<td>Spain</td>
<td>r=-.01 ns</td>
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<tr>
<td>Ireland</td>
<td>r=+.17 p&lt;.01</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>r=+.11 p&lt;.05</td>
</tr>
</tbody>
</table>

**DMt=**

<table>
<thead>
<tr>
<th>Frequency</th>
<th>EC (stratified sample)</th>
</tr>
</thead>
<tbody>
<tr>
<td>more than 1 a week</td>
<td>Mt' = 7.05</td>
</tr>
<tr>
<td>once a week</td>
<td>Mt' = 7.07</td>
</tr>
<tr>
<td>once per month</td>
<td>Mt' = 6.74</td>
</tr>
<tr>
<td>holydays</td>
<td>Mt' = 7.02</td>
</tr>
<tr>
<td>ceremonies</td>
<td>Mt' = 6.82</td>
</tr>
<tr>
<td>once a year</td>
<td>Mt' = 7.17</td>
</tr>
<tr>
<td>less often</td>
<td>Mt' = 7.01</td>
</tr>
<tr>
<td>never</td>
<td>Mt' = ?</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION Correlate Code: R 1

**Study** HARDI 1985  
*Reported in:* Harding, Stephen  
Values and the nature of psychological well-being  
Abrams, M. & Gerard, D. & Timms, N. eds., Values and social change in Britain,  
*Population:* 18+ aged, general public, Britain, 1983  
*Sample:*  
*Non-Response:* ?  
*N:* 1231

**Measured Correlate**  
*Class:* Participation in church  
*Code:* R 1.4.2  
*Measurement:* single direct question; go to church: 0 never  
1 sometimes  
*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-BB/cm/mq/v/2/a</td>
<td>DM=+</td>
<td>never</td>
</tr>
<tr>
<td></td>
<td></td>
<td>sometimes</td>
</tr>
</tbody>
</table>
**Study**  
**HUNSB 1985**

**Reported in:** Hunsberger, B.  
Religion, Age, Life satisfaction and Perceived Sources of Religiousness: A Study of Older Persons  

**Population:** 65+ aged, general public, Ontario Canada, 1982

**Sample:**

**Non-Response:**

**N:** 85

---

**Measured Correlate**

**Class:** Participation in church  
Code: R 1.4.2

**Measurement:** Question: "On average how often do you attend religious services (not including weddings, funerals etc.)?"

**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-HL/c/sq/v/3/ae</td>
<td>r=+.28</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003  
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Findings on Happiness & RELIGION

Correlate Code: R 1

Study  

JONG  1969

Reported in: Jong-Gierveld, J. de
The unmarried. (In Dutch: De ongehuwden).

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

Sample:
Non-Response: 31%;
N: 600

Measured Correlate

Class: Participation in church  Code: R 1.4.2
Measurement: 3-item index containing amount of time spent on religious activities, playing an active role, and holding a function.

Measured Values:  

Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SL/?/sq/v/5/a  \( r=+ \)  ns  
Never married males: \( r = +.05 \) (ns)  
Married males: \( r = +.02 \) (ns)  
Never married females: \( r = +.15 \) (ns)  
Married females: \( r = +.14 \) (ns)
Findings on Happiness & RELIGION

Study  MARTI 1984

Reported in:  Martinson, O.B., Wilkening, E.A. & Mc Grahanan, D.
Predicting overall life-satisfaction: The role of life-cycle and social-psychological

Population:  18+ aged, general public, N.W. Wisconsin, USA, 1974
Sample:
Non-Response:  12%
N:  1423

Measured Correlate

Class:  Participation in church  Code: R 1.4.2
Measurement:  Single direct question:
1: seldom
2: monthly
3: weekly

Measured Values:

Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLW/u/sqt/v/7/a  Beta = +.0  p < .05

age <30:  \( \beta = +.12 \)  05
30 - 49:  \( \beta = +.13 \)  05
50 - 64:  \( \beta = +.05 \)  ns
> 64:  \( \beta = .10 \)  05

\( \beta \) controlled for powerlessness, community
solidarity, health, days too sick to work, recent
move, separated/ divorced, unemployed, contact with
relatives, contact with friends, attendance,
organizational membership, education, family income.
Findings on Happiness & RELIGION  Correlate Code: R 1

Study  MARTI 1985  Page in Report: 309
Reported in: Martinson, O.B., Wilkening, E.A. & Linn, J.G.  
Life change, health status and life satisfaction: A reconsideration  

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

Sample:
Non-Response: 14%
N: 1423

Measured Correlate

Class: Participation in church  Code: R 1.4.2
Measurement:
Single direct question:
1: seldom
2: monthly
3: weekly

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLW/u/sqt/v/7/a Beta=  ß of different age groups:
under 30 : +.09  ns  30-49 : +.12  05
50-64 : +.07  ns  over 64 : -.10  ns

ß controlled for: negative life change, degree of disability, days lost due to illness, powerlessness, community solidarity, recent migrant, contact with friends, contact with relatives, organizational affiliation, separated / divorced, sex, unemployed, family income, education.
Findings on Happiness & RELIGION

**Correlate Code:** R 1

**Study:** MCNAM 1978

*Reported in:* McNamara, P.H. & St George, A.
Blessed are the Downtrodden? An empirical test

*Population:* 18+ aged, general public, non-institutionalized, USA, 1971

*Sample:
  * Non-Response: 20%
  * N: 2164

### Measured Correlate

**Class:** Participation in church  
**Code:** R 1.4.2

**Measurement:** Closed question on attendance at religious services.
- more than once a week (3)
- once a week (2)
- 2 or 3 times a month (x)
- less than once a month (x)
- not at all (1)

x) In the gamma-calculations the groups answering: "2 or 3 times a month", and "less than once a month" were discarded.

**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-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>L I F E C Y C L E</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>never married, age under 30 G’=+.21 01</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>never married, age over 30 -.19 05</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>widowed +.02 ns</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>divorced / separated -.22 01</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>married, youngest child under 6 +.27 01</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>married, youngest child over 6 +.20 01</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>married, no children under 18 +.25 01</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>married, age under 30, no children +.36 01</td>
</tr>
<tr>
<td>O-HL/c/sq/v3/aa</td>
<td>G=+.19 p&lt;.01</td>
<td>married, age over 30, no children +.47 01</td>
</tr>
<tr>
<td>R A C E</td>
<td></td>
<td>white +.20 01</td>
</tr>
<tr>
<td>R A C E</td>
<td></td>
<td>black +.26 01</td>
</tr>
<tr>
<td>F A M I L Y I N C O M E</td>
<td></td>
<td>0 - $ 4999 +.26 01</td>
</tr>
<tr>
<td>F A M I L Y I N C O M E</td>
<td></td>
<td>$ 5000 - $ 9999 +.19 01</td>
</tr>
<tr>
<td>F A M I L Y I N C O M E</td>
<td></td>
<td>$10000 - $16999 +.20 01</td>
</tr>
<tr>
<td>F A M I L Y I N C O M E</td>
<td></td>
<td>over $17000 +.26 01</td>
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</table>

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## Findings on Happiness & RELIGION

**Correlate Code:** R 1

### SCHOOLING

- elementary only: +0.09
- grades 9-11: +0.28
- high school graduate: +0.33
- some college: +0.31
- college graduate: +0.20
- post graduate: -0.34

### LIVING AREA

- central cities of 12 largest Metropolitan Areas: +0.43
- suburbs within 12 largest Metropolitan Areas: -0.07
- cities over 100,000 not incl. 12 largest Metropolitan Areas: +0.31
- cities 10,000 to 100,000 excluding suburbs above: +0.10
- places 2,500-10,000: +0.24
- rural places less than 2,500 in Metropolitan Area: +0.06
- rural places not in Metropolitan Area but adjacent: -0.04
- rural places not in Metropolitan Area, outlying: +0.21
Study  
**MOOKH 1997**

*Reported in:* Mookherjee, H.N.
Assessment of happiness among the elderly population in the United States

*Population:* 60+ aged, general public, USA 1982-91

*Sample:* Probability multi-stage cluster sample

*Non-Response:* not reported

*N:* 3049

**Measured Correlate**

*Class:* Participation in church  Code: R 1.4.2

*Measurement:* Single question on religious attendance:
1. not-attended
2. attended

*Measured Values:* N: 1= 396  2=2653

*Error Estimates:

Remarks:

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-HL/c/sq/v/3/aa | DM=+  p<.00  1. M=2.09 SD=.70  2. M=2.25 SD=.65  | Beta controlled for socio-demographic variables:  
  - Gender  
  - Race  
  - Marital status  
  - Education  
  - Financial status  
  - Place of residence  
  - Religious membership |
| r=+.13  p<.00 | Beta=+.1 p<.00 |         |
Beta=+.0 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
  - Friends
  - Health
  - Finance
**Study**

**MOSER 1969**

*Reported in:* Moser - Peters, C.M.J.  

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

*Sample:* 

*Non-Response:* 14% unattainable etc.

*N:* 300

---

**Measured Correlate**

*Class:* Participation in church  Code: R 1.4.2

*Measurement:* Closed question: never / sometimes / once a week.

*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-HL/c/sq/v/5/c</td>
<td>G=+.27</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>

*Non-religious Ss excluded.*

Stronger among Protestants (025)  
Not among Catholics (ns)

When the non-religious were compared with the religious it appeared that those attending church once a week are about as happy as the non-religious. Those attending church sometimes, and especially religious Ss who never attend church are less happy.
### Findings on Happiness & RELIGION

**Correlate Code: R 1**

<table>
<thead>
<tr>
<th>Study</th>
<th>SCHUL 1985B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Schulz, W.; Költringer, R.; Norden, G.; Tüchler, H. Lebensqualität in Österreich (Quality-of-life in Austria) Research paper nr 10/1, Institut für Soziologie, University of Vienna, Austria 1985</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Adults, non-institutionalized, Austria, 1984</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>?</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>1776</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** Participation in church  
**Code:** R 1.4.2

**Measurement:**
1. Once a week
2. Once a month
3. Only on holidays
4. Hardly or never

**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-QL?/c/mq/v/5/a</td>
<td>r=+.01</td>
<td>r=+.01</td>
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</tbody>
</table>

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Findings on Happiness & RELIGION

Reported in: SIGEL 1981

Is ignorance bliss? A reconsideration of the folk wisdom

Population: 18+ aged, general public, non-institutionalized, USA, 1974-76

Sample:

Non-Response:

N: 2650

Measured Correlate

Class: Participation in church  Code: R 1.4.2
Measurement: Frequency of church attendance on a 9-point scale varying from "never" to "several times"

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/3/aa  Beta=.0 p<.01  β controlled for: age, gender, race, education, family income, marital status, political participation and health condition. β hardly increases when intelligence (IQ) is also controlled.
Study: SPREI 1974

Reported in: Spreitzer, E. & Snyder, E.E.
Correlates of life satisfaction among the aged.

Population: 18+ aged, married or widowed, USA, 1972-73

Sample:
Non-Response: -
N: 1547

Measured Correlate

Class: Participation in church  Code: R 1.4.2
Measurement: 10-point scale.

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query    Statistics    Remarks
O-HL/u/sq/v/3/a    r=+.08  p<.01

Under the age of 65: r = +.10
Above the age of 65: r = -.01

The difference is not significant.

Unaffected by S.E.S.
Findings on Happiness & RELIGION

Apart from weddings, funerals and christenings, about how often do you attend religious services these days?

Marital Status and Happiness: A 17 Nation Study.
Journal of Marriage and the Familiy, vol. 60, 527-536

Population: 18+ aged, 17 first world nations, 1981-1983
Sample: Probability multi-stage cluster sample
Non-Response: nr
N: 18,000

Measured Correlate

Class: Participation in church  Code: R 1.4.2
Measurement: Apart from weddings, funerals and christenings, about how often do you attend religious services these days?

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/u/sq/v/4/a  Beta=+.0 p<.05  All

Beta controlled for
- marital status
- reported health
- socio-economic status
- age
- parental status
- nation
### Study

**VEROOF 1981**

**Reported in:** Veroff, J.; Douvan, E.; Kulka, R.A.
The Inner American, A Self-portrait from 1957 to 1976
Basic Books, 1981, New York, USA

**Population:** 21 aged, general public, non-institutionalized, USA, 1976

**Sample:**

**Non-Response:** 29%

**N:** 2264

### Measured Correlate

**Class:** Participation in church **Code:** R 1.4.2

**Measurement:**
- More than once a week/
- Weekly/
- Few times a month; monthly/
- Few times a year/
- Never/

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/aa</td>
<td>G = +.15 p &lt; .01</td>
<td>1957</td>
</tr>
<tr>
<td></td>
<td>tc = +.10 p &lt; .01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>G = +.14 p &lt; .01</td>
<td>1976</td>
</tr>
<tr>
<td></td>
<td>tc = +.09 p &lt; .01</td>
<td></td>
</tr>
</tbody>
</table>

1957        1976

In Metropolitan Cities G = +.10 ns G = +.10 ns
In Suburbs    G = +.15 (05) G = +.24 (01)
In Cities     G = +.11 ns G = +.04 ns
In Towns      G = +.12 (01) G = +.13 (01)
In Rural Areas G = +.23 (001) G = +.13 (01)

Effect persists after control for sex, age and education. Interaction effects with sex, age and education.
Findings on Happiness & RELIGION

Study  
WASHB 1941

Reported in:  
Washburne, J.N.  
Factors related to the social adjustment of college girls.  

Population:  
Female college students, New York, USA, 194?

Sample:

Non-Response: -

N: 238

Measured Correlate

Class: Participation in church  
Code: R 1.4.2

Measurement:  
0 No church activities  
1 Church activities

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>M-CO/-?/?q/?/0/a</td>
<td>D%=+ ns</td>
<td>L-shaped curve: Positive among unhappier students only.</td>
</tr>
<tr>
<td></td>
<td>SNR=+ ns</td>
<td>L-shaped curve: Positive among unhappier students only.</td>
</tr>
</tbody>
</table>

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World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & RELIGION

WASHB 1941

Reported in: Washburne, J.N.
Factors related to the social adjustment of college girls.

Population: Female college students, New York, USA, 194?

Sample:

Non-Response: -
N: 238

Measured Correlate

Class: Participation in church Code: R 1.4.2

Measurement:
0 No church activities
1 Church activities

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>M-CO/?/?q/?/0/a</td>
<td>D%=+ ns</td>
<td>L-shaped curve: Positive among unhappier students only.</td>
</tr>
<tr>
<td></td>
<td>SNR=+ ns</td>
<td>L-shaped curve: Positive among unhappier students only.</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

Reported in: Wessman, A.E.
A psychological inquiry into satisfaction and happiness

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

Sample:
Non-Response: -
N: 2377

Measured Correlate

Class: Participation in church  Code: R 1.4.2
Measurement: Direct question: "Do you attend church regularly?"
0 No
1 Yes

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-HL/g/sq/v/3/c</td>
<td>G=+.31</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

Correlate Code: R 1

Study  WILKE 1978/1

Reported in: Wilkening, E.A. & McGranahan, D.
Correlates of Subjective Well-being in Northern Wisconsin
Social Indicators Research, vol 5 (1978), p.221-234

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

Sample:
Non-Response: 12%
N: 1423

Measured Correlate

Class: Participation in church  Code: R 1.4.2

Measurement:
1: seldom
2: monthly
3: weekly

Measured Values:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-SLW/u/sqt/v/7/a | r=+.13  p<.05 | 8 controlled for 1+2+3+4+5:
1: education, occupation, income, level of living
2: live alone, married, children, contact with relatives, contact with friends, organizational membership.
3: health problems, recent move, separated/divorced, unemployed.
4: retired, widowed.
5: urban living, rural living, female.

Beta=+.0  p<.05

8 in different age groups:
under 30: +.13  05
30-49 : +.16  05
50-64 : +.10  ns
over 64 : -.09  ns

Beta=+.1  p<.05
8 controlled for 2 only:
interaction with age significant (01)
### Study  
**WILKE 1978/2**  
*Reported in:* Wilkening, E.A. & McGranahan, D.  
Correlates of Subjective Well-being in Northern Wisconsin.  
*Social Indicators Research, vol 5 (1978) p.221-234*

| **Population:** | 18+ aged, general public, non-institutionalized, Wisconsin, USA, 1974 |
| **Sample:** |  |
| **Non-Response:** |  |
| **N:** | 534 |

### Measured Correlate  
| **Class:** | Participation in church  
*Code: R 1.4.2* |
| **Measurement:** | Single direct question:  
1: seldom  
2: monthly  
3: weekly |

### Observed Relation with Happiness  
| **Happiness Query** | **Statistics** | **Remarks** |
| **O-SLW/u/sq/v/7/a** | Beta=+.1  
*p<.05* |  
*ß controlled for education, occupation, income, live alone, married status, contact with relatives, contact with friends, organization membership, separated / divorced, retired, widowed, place of residence, sexe, age.*
Findings on Happiness & RELIGION

Correlate Code: R 1

Study

ZAUTR 1977

Reported in: Zautra, A., Beier, E. and Cappel, L.
The dimensions of life quality in a community

Population: 18+ aged, general public, Salt Lake County, USA, 197?

Sample:
Non-Response: 15%
N: 454

Measured Correlate

Class: Participation in church Code: R 1.4.2

Measurement:

Factor loading on:
- Religious resources:
  respondent score depended on neither
  or not he mentioned "church" on the
  open-ended question "What are some of
  the things that keep you going, that
  get you through the bad days?"
- Church/community responsibilities:
  respondent score depended on weather
  or not he mentioned "church" or "com-
  munity" on the question "What are some
  of the responsibilities you have at
  home, at work, and elsewhere?".
- Social Participation Scale:
  see PHILL 1967

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLW/u/sqt/v/7/a r = ns

Page 134 of 298
### Study

**ZUMA 1989**

**Reported in:** Zentrum fur Umfrageforschung MAannheim (ZUMA)  

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

**Sample:**

**Non-Response:** ?

**N:** varies from about 2000 - 2300

### Measured Correlate

**Class:** Participation in church  
**Code:** R 1.4.2

**Measurement:**  
**Question:** *How frequent do you attend church?*
1. seldom or never  
2. more than once a year  
3. once a month  
4. once a week  
5. more than once a week.

### Observed Relation with Happiness

**Happiness Query**  
**Statistics**

<table>
<thead>
<tr>
<th>Year</th>
<th>eta</th>
<th>G</th>
<th>r</th>
<th>ß</th>
</tr>
</thead>
<tbody>
<tr>
<td>1978</td>
<td>+.05</td>
<td>+.01</td>
<td>+.00</td>
<td>+.09</td>
</tr>
<tr>
<td>1980</td>
<td>+.05</td>
<td>+.03</td>
<td>+.01</td>
<td>+.08</td>
</tr>
<tr>
<td>1984</td>
<td>-.02</td>
<td>-.01</td>
<td>-.01</td>
<td>+.04</td>
</tr>
<tr>
<td>1988</td>
<td>+.08</td>
<td>-.01</td>
<td>+.01</td>
<td>+.10</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Year</th>
<th>eta</th>
<th>G</th>
<th>r</th>
<th>ß</th>
</tr>
</thead>
<tbody>
<tr>
<td>1978</td>
<td>-.10</td>
<td>-.09</td>
<td>-.07</td>
<td>+.10</td>
</tr>
<tr>
<td>1980</td>
<td>-.08</td>
<td>-.05</td>
<td>-.06</td>
<td>+.12</td>
</tr>
<tr>
<td>1984</td>
<td>-.04</td>
<td>+.02</td>
<td>-.01</td>
<td>+.09</td>
</tr>
<tr>
<td>1988</td>
<td>-.08</td>
<td>-.01</td>
<td>-.04</td>
<td>+.13</td>
</tr>
</tbody>
</table>

ß's controlled for age, gender, perceived class and marital status.
Findings on Happiness & RELIGION

Study

VEROF 1981

Reported in: Veroff, J.; Douvan, E.; Kulka, R.A.
The Inner American, A Self-portrait from 1957 to 1976
Basic Books, 1981, New York, USA

Population: 21 aged, general public, non-institutionalized, USA, 1976

Sample:

Non-Response: 29%

N: 2264

Measured Correlate

Class: Praying Code: R 1.4.3

Measurement:
Praying when unhappy:
0 No
1 Yes

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query
O-HL/c/sq/v/3/aa

Statistics
G=+.06 p<.01
G=+.11 p<.01

Remarks
1957
1976

% very happy:

Yes
37
35

No
32
29

Page in Report: 524
Findings on Happiness & RELIGION

Study  
BENNE 1971

Reported in:  Bennett, F.A.
Avowed happiness in communities of religious women
Unpublished Phd. dissertation, University of Utah, 1971,  USA

Population:  Nuns, Catholic congregations, USA, 1969

Sample:
Non-Response:  11,5%
N:  963

Measured Correlate

Class:  Living in a convent  Code: R 1.4.4

Measurement:  Single direct question: "During the past six months, which of the following would best describe feelings or thoughts you have had about leaving religious life".
1. I have not considered leaving (60%)
2. I have considered leaving but not seriously (23%)
3. I have seriously considered leaving but have decided against it (10%)
4. I have seriously considered leaving and may do so (5%)
5. I will probably leave (2%)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/3/f   r=.47   p<.001

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

**FORTI 1983**

*Reported in:* Th.J. Forti, M.S. Hyg
*A Documented Evaluation of Primary Prevention through Consultation*
*Community Mental Health Journal, 1983, p 290-304*

**Population:** Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981

**Sample:**

**Non-Response:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Non-Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>18%</td>
</tr>
<tr>
<td>T2</td>
<td>14%</td>
</tr>
<tr>
<td>T3</td>
<td>23%</td>
</tr>
</tbody>
</table>

**N:**

<table>
<thead>
<tr>
<th>Year</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>146</td>
</tr>
<tr>
<td>T2</td>
<td>154</td>
</tr>
<tr>
<td>T3</td>
<td>137</td>
</tr>
</tbody>
</table>

### Measured Correlate

**Class:** Living in a convent  **Code:** R 1.4.4

**Measurement:** Single closed question, rated on a 6-point scale, ranging from (1) < 3 years to (6) > 40 years. (order reversed)

**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-DT/u/sq/l7/a  | r=-        | T1: 1977  \( r = -0.11 \) (ns)  
|                 |            | T2: 1979  \( r = -0.13 \) (ns)  
|                 |            | T3: 1981  \( r = -0.11 \) (ns)  
|                 |            | Both variables assessed at T1, T2, and T3. Correlation concerns same time measures. |
Findings on Happiness & RELIGION

<table>
<thead>
<tr>
<th>Study</th>
<th>HAY 1979</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Hay, D.</td>
</tr>
<tr>
<td>The spiritual experiences of the British New Society, 12/4/1979, p.72-74</td>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Adult, general public, non-institutionalized, Great Britain, 1976</td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td>?</td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>?</td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>2000</td>
</tr>
</tbody>
</table>

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>Current religious experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement:</strong></td>
<td>0 No spiritual experience</td>
</tr>
<tr>
<td>1 Reports to have had religious or paranormal experience</td>
<td></td>
</tr>
<tr>
<td><strong>Measured Values:</strong></td>
<td>1: about 30%</td>
</tr>
<tr>
<td><strong>Error Estimates:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Remarks:</strong></td>
<td></td>
</tr>
</tbody>
</table>

**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>DM=+ p&lt;.s</td>
<td>Ss reporting religious experiences were significantly more likely to be balanced and personally happy than other people.</td>
</tr>
</tbody>
</table>
## Findings on Happiness & RELIGION

**Correlate Code: R 1**

**Study**

<table>
<thead>
<tr>
<th>BRINK 1997C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
</tr>
<tr>
<td><strong>N:</strong></td>
</tr>
</tbody>
</table>

### Measured Correlate

- **Class:** Attitudes to religion Code: R 1.6
- **Measurement:** not reported

### Measured Values

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-H??/sq/t/7/a</td>
<td>r=-.00</td>
<td>ns</td>
</tr>
<tr>
<td>O-SLu/?/sq/l/5/a</td>
<td>r=+.13</td>
<td>p&lt;.05</td>
</tr>
</tbody>
</table>

**Page in Report:** 272

---

Print date: 7-2-2003

World Database of Happiness: [www.eur.nl/fsw/research/happiness](www.eur.nl/fsw/research/happiness)

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Findings on Happiness & RELIGION

<table>
<thead>
<tr>
<th>Study</th>
<th>BRINK 1997C</th>
<th>Page in Report: 272</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Brinkerhoff, M &amp; Fredell, K &amp; Frideres, J</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Basic minimum needs, Quality of life and selected correlates: explorations in villages Social Indicators Research, 42, p 245-281</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Adult, general public, two poor rural villages, Garhwal area, Northern India, 1996</td>
<td></td>
</tr>
<tr>
<td>Sample:</td>
<td>Non-probability purposive-quota sample</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>341</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>not rep</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Correlate**

| Class:         | Attitudes to religion Code: R 1.6               |                     |
| Measurement:   | not reported                                    |                     |

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-H?/sq/l7/a</td>
<td>r = +.14</td>
<td>p &lt; .01</td>
</tr>
<tr>
<td>O-SLu/sq/l5/a</td>
<td>r = +.16</td>
<td>p &lt; .01</td>
</tr>
</tbody>
</table>
**Study**  
**KENNE 1978**  
*Reported in:* Kennedy, L.W., Northcott, H.C. & Kinzel, C.  
Subjective evaluation of well-being: Problems and prospects.  
*Population:* 18+ aged, general public, Edmonton, Canada, 1977  
*Sample:* Probability multi-stage cluster sample  
*Non-Response:* not reported  
*N:* 335

**Measured Correlate**  
*Class:* Attitudes to religion  
*Code:* R 1.6  
*Measurement:*  
*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-SLu/c/sq/n/7/b</td>
<td>G= ns</td>
<td>sexe: male</td>
</tr>
<tr>
<td></td>
<td>G=-.25 p&lt;.05</td>
<td>sexe: female</td>
</tr>
<tr>
<td></td>
<td>G= ns</td>
<td>age 18-30</td>
</tr>
<tr>
<td></td>
<td>G=-.31 p&lt;.05</td>
<td>age 31-50</td>
</tr>
<tr>
<td></td>
<td>G= ns</td>
<td>age 51+</td>
</tr>
</tbody>
</table>
### Study

**MCNAM 1978**

**Reported in:** McNamara, P.H. & St George, A.

Blessed are the Downtrodden? An empirical test


**Population:** 18+ aged, general public, non-institutionalized, USA, 1971

**Sample:**

**Non-Response:** 20%

**N:** 2164

### Measured Correlate

**Class:** Attitudes to religion  
**Code:** R.6

**Measurement:** Religiosity index consisting of 3 closed questions:
1. In general, how religious-minded would you say you are? (very, more than average, less than average)
2. How important to you is having a strong religious faith? (5-point scale, extremely important to not at all important)
3. State how much satisfaction you get from your religion? (5-point scale, great deal to little or none)

The points of the 3 scales were added.

- high religiosity: 3-5
- moderate religiosity: 6-8
- low religiosity: 9 and over

Gammas were calculated by comparing the high religiosity group (1) with the low religiosity group(0)

### Observed Relation with Happiness

**Happiness Query**

<table>
<thead>
<tr>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| G = .27 p < .01 | **LIFE CYCLE**
<p>| never married, age under 30 | $G' = +.30$ 01 |
| never married, age over 30 | +.44 01 |
| widowed | +.30 01 |
| divorced / separated | +.09 ns |
| married, youngest child under 6 | +.38 01 |
| married, youngest child over 6 | +.23 01 |
| married, no children under 18 | +.35 01 |
| married, age under 30, no children | +.35 01 |
| married, age over 30, no children | +.43 01 |</p>
<table>
<thead>
<tr>
<th><strong>RACE</strong></th>
<th></th>
<th>01</th>
</tr>
</thead>
<tbody>
<tr>
<td>white</td>
<td>+.28</td>
<td></td>
</tr>
<tr>
<td>black</td>
<td>+.20</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>FAMILY INCOME</strong></th>
<th></th>
<th>01</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - $ 4999</td>
<td>+.33</td>
<td></td>
</tr>
<tr>
<td>$ 5000 - $ 9999</td>
<td>+.31</td>
<td></td>
</tr>
<tr>
<td>$10000 - $16999</td>
<td>+.32</td>
<td></td>
</tr>
<tr>
<td>over $17000</td>
<td>+.34</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SCHOOLING</strong></th>
<th></th>
<th>01</th>
</tr>
</thead>
<tbody>
<tr>
<td>elementary only</td>
<td>+.03</td>
<td>ns</td>
</tr>
<tr>
<td>grades 9-11</td>
<td>+.52</td>
<td></td>
</tr>
<tr>
<td>high school graduate</td>
<td>+.31</td>
<td></td>
</tr>
<tr>
<td>some college</td>
<td>+.17</td>
<td></td>
</tr>
<tr>
<td>college graduate</td>
<td>+.53</td>
<td></td>
</tr>
<tr>
<td>post graduate</td>
<td>+.38</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LIVING AREA</strong></th>
<th></th>
<th>01</th>
</tr>
</thead>
<tbody>
<tr>
<td>central cities of 12 largest Metropolitan Areas</td>
<td>+.42</td>
<td></td>
</tr>
<tr>
<td>suburbs within 12 largest Metropolitan Areas</td>
<td>+.14</td>
<td></td>
</tr>
<tr>
<td>cities over 100,000 not incl 12 largest Metropolitan Areas</td>
<td>-.08</td>
<td>ns</td>
</tr>
<tr>
<td>cities 10,000 to 100,000 excluding suburbs above</td>
<td>+.34</td>
<td></td>
</tr>
<tr>
<td>places 2,500 - 10,000</td>
<td>+.22</td>
<td></td>
</tr>
<tr>
<td>rural places less than 2,500 in Metropolitan Area</td>
<td>+.22</td>
<td></td>
</tr>
<tr>
<td>rural places not in Metropolitan Area but adjacent</td>
<td>+.14</td>
<td></td>
</tr>
<tr>
<td>rural places not in Metropolitan Area, outlying</td>
<td>+.57</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION Correlate Code: R 1

**Study**  
**BAHR 1980**  
*Reported in:*  
Bahr, H.H. & Harvey, C.D.  
Correlates of morale among the newly widowed  
*Population:*  
Recently widowed miner’s wives and controls, USA, 1972  
*Sample:*  
Non-Response: Widows 39%  
survivor wives 19%  
other miners wives 48%  
*N:* 222  

**Measured Correlate**  
*Class:* Concern about religion  
Code: R 1.6.1  
*Measurement:* Direct question: "How important is religion for you?"  

**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-BW/c/sq/l10/b  | D%=14 p<.s | Widows (husband died six months ago in mine fire)  
Among Ss responding 'very important' 39% more  
'very happy'  
Widows (husband died six months ago in mine fire) |
|                  | ns         | Survivor wives (husband survived mine fire)  
r=? ns |
|                  | ns         | Other miners wives (husband was not involved in mine fire)  
r=? ns |

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

Study  | BORTN 1970
---|---
**Reported in:** | Bortner, R.W. & Hultsch, D.F.
A multivariate analysis of correlates of life satisfaction in adulthood

**Population:** | 21+ aged, general public, USA 1959

**Sample:**
Non-Response: | 9%

**N:** | 1406

---

**Measured Correlate**

**Class:** | Concern about religion  Code: R 1.6.1

**Measurement:** | Direct question rated on an 11-point self-anchoring scale (Cantril ladder; see CANTR, 1965).

**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>C-RG/h/sq/l/11/a</td>
<td>r=+.14</td>
<td></td>
</tr>
<tr>
<td>O-BW/c/sq/l/11/a</td>
<td>r=+.08</td>
<td></td>
</tr>
<tr>
<td>O-SLu/c/sq/l/11/a</td>
<td>r=+.17</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

<table>
<thead>
<tr>
<th>Study</th>
<th>CAMER 1973/1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Cameron, P., Titus, D.G., Kostin, J. &amp; Kostin, M.</td>
</tr>
<tr>
<td>The life-satisfaction of non-normal persons.</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Handicapped and controls Detroit, USA, 197?</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>-</td>
</tr>
<tr>
<td>N:</td>
<td>295</td>
</tr>
</tbody>
</table>

Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Concern about religion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>R 1.6.1</td>
</tr>
<tr>
<td>Measurement:</td>
<td>Closed question on importance of religion very unimportant / unimportant / of small importance / important / very important.</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>O-SLu/c/sq/v/4/a</td>
<td>r = +.23</td>
<td>p &lt; .01</td>
</tr>
</tbody>
</table>

Computed for normals only.
Findings on Happiness & RELIGION

Study: CAMER 1975

Reported in: Cameron, P.

Population: College students, Detroit, USA, 197?

Sample:
Non-Response: ?
N: 187

Measured Correlate

Class: Concern about religion Code: R 1.6.1
Measurement: Cameron Religious Dimensions Scale

Measured Values:

Error Estimates:

Remarks: Happy mood: r=-.17 (05)
Neutral mood: r=+.03 ns
Unhappy mood: r=+.08 ns
Happiness assessed by time sampling. Correlations concern frequency of report of happy, neutral or sad mood.

Observed Relation with Happiness

Happy mood: r=-.17 (05)
Neutral mood: r=+.03 ns
Unhappy mood: r=+.08 ns
Happiness assessed by time sampling.
Correlations concern frequency of report of happy, neutral or sad mood.
Findings on Happiness & RELIGION

Study
CAMER 1975

Reported in: Cameron, P.

Population: College students, Detroit, USA, 197?

Sample:

Non-Response: ?

N: 187

Measured Correlate

Class: Concern about religion Code: R 1.6.1

Measurement: Time sampling, the question asked 21 times during 10 weeks: "Were you thinking about religion?".

Measured Values:

Error Estimates:

Remarks: Happy mood: r=+.05 ns
Neutral mood: r=-.09 ns
Sad mood: r=+.22 (01)
Happiness assessed by time sampling. Correlations concern frequency of report of happy, neutral or sad mood.

Observed Relation with Happiness

Happy mood: r=+.05 ns
Neutral mood: r=-.09 ns
Sad mood: r=+.22 (01)
Happiness assessed by time sampling. Correlations concern frequency of report of happy, neutral or sad mood.
Findings on Happiness & RELIGION

Reported in: Cantril, H.
The pattern of human concerns.
New Brunswick, Rutgers University Press, New Jersey, 1965

Population: 21+ aged, general public, USA, 1959

Sample:
Non-Response: -
N: 1549

Measured Correlate

Class: Concern about religion Code: R 1.6.1
Measurement: Direct question rated on an 11-point self-anchoring scale, ranging from 'not at all important' to 'extremely important'.

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
C-RG/h/sq/l11/a | r=+.15 | 
O-BW/c/sq/l11/a | r=+.11 | 
O-SLu/c/sq/l11/a | r=+.18 | 

World Database of Happiness: www.eur.nl/fsw/research/happiness
## Findings on Happiness & RELIGION

**Correlate Code: R 1**

### Study: HADAW 1978

**Reported in:** Hadaway, C.K.
Life satisfaction and religion: a reanalysis

**Population:** 18+ aged, general public, non-institutionalized, USA, 1971

**Sample:**

**Non-Response:** 2164

**N:** 2164

### Measured Correlate

**Class:** Concern about religion  
**Code:** R 1.6.1

**Measurement:** Self-rating scale in which the respondent rates the importance of "having a strong religious faith" on a 5-point scale varying from "extremely important" to "not at all important"

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLu/c/sq/n/7/b</td>
<td>( r=+.15 ) ( p&lt;.01 )</td>
<td></td>
</tr>
<tr>
<td></td>
<td>( r=+.15 ) ( p&lt;.01 )</td>
<td></td>
</tr>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>( r=+.10 ) ( p&lt;.01 )</td>
<td></td>
</tr>
<tr>
<td></td>
<td>( r=+.10 ) ( p&lt;.01 )</td>
<td></td>
</tr>
</tbody>
</table>
Study: HUNSB 1985

Reported in: Hunsberger, B.
Religion, Age, Life satisfaction and Perceived Sources of Religiousness: A Study of

Population: 65+ aged, general public, Ontario Canada, 1982
Sample: 
Non-Response: 85

Measured Correlate

Class: Concern about religion  Code: R 1.6.1
Measurement: Question: "How important would you say that your present religious
beliefs are to you?"

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-HL/c/sq/v/3/ae  r=.30  p<.01
Findings on Happiness & RELIGION

WEBB 1915/1

Reported in: Webb, E.
Character and intelligence. An attempt at an exact study of character.

Population: Male college students, England, 1912

Sample: -

Non-Response: -

N: 194

Measured Correlate

Class: Concern about religion Code: R 1.6.1

Measurement: Trained-peer rating of interest in religions beliefs and ceremonies (regardless of denomination) on a 7-point scale on the basis of observation during 6 months.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

A-CP/g/rdp/ro/7/a r=-.18
Findings on Happiness & RELIGION

BAHR 1980

Reported in: Bahr, H.H. & Harvey, C.D.
Correlates of morale among the newly widowed

Population: Recently widowed miner’s wives and controls, USA, 1972

Sample:
Non-Response: Widows 39%, survivor wives 19%, other miners wives 48%
N: 222

Measured Correlate

Class: Self-definition as religious Code: R 1.6.2
Measurement: Direct question: “How religious do you consider yourself?” scores ranged from 0 = not religious at all to 4 = very religious.

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-BW/c/sq/l/10/b</td>
<td>r=+</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>D%=+19 p&lt;.</td>
<td>Widows (husband died six months ago in mine fire) D%=19</td>
</tr>
<tr>
<td></td>
<td>r=+</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>D%=+19 p&lt;.</td>
<td>Survivor wives (husband survived mine fire) D%=19</td>
</tr>
<tr>
<td></td>
<td>r=+</td>
<td>Other miners wives (husband was not involved in mine fire). Strongest among widows.</td>
</tr>
<tr>
<td></td>
<td>D%=+29 p&lt;.</td>
<td>Other miners wives (husband was not involved in mine fire). D%=29</td>
</tr>
<tr>
<td>O-HL/c/sq/v/3/ac</td>
<td>r=+ p&lt;.s</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>r=+ ns</td>
<td>Widows (husband died six months ago in mine fire)</td>
</tr>
<tr>
<td></td>
<td>r=+ ns</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>r=+ ns</td>
<td>Survivor wives (husband survived mine fire)</td>
</tr>
<tr>
<td></td>
<td>r=+ ns</td>
<td>Other miners wives (husband was not involved in mine fire)</td>
</tr>
<tr>
<td>$r=+?</td>
<td>ns</td>
<td>Other miners wives (husband was not involved in mine fire)</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

Correlate Code: R 1

Study BRINK 1986B

Reported in: Brinkerhoff, M & Jacob, J
The role of religion on Quality of Life among participants in the Back-to-the-Land
Paper presented on World congress of Sociology, New Delhi, India, August 18-22
1986

Population: 'back to the land' mini farmers, West USA and Canada,1984

Sample: Non-probability purposive sample (unspecified)

Non-Response: 554
N: 33.8%

Measured Correlate

Class: Self-definition as religious Code: R 1.6.2

Measurement: Self rating
Full question not reported

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-H/?/sq/v/4/a r=+.07 ns
**Study**

**HADAW 1978**

*Reported in:* Hadaway, C.K.
Life satisfaction and religion: a reanalysis

*Population:* 18+ aged, general public, non-institutionalized, USA, 1971

*Sample:*

*Non-Response:*

*N:* 2164

**Measured Correlate**

*Class:* Self-definition as religious  *Code: R 1.6.2*

*Measurement:* Direct question: "In general how religious minded would you say you are?" 5-point scale varying from "very" to "not at all" religious minded

**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-SLu/c/sq/n/7/b</td>
<td>r=+.13</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>r=+.13</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td>O-SLW/c/sq/n/7/a</td>
<td>r=+.07</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>r=+.07</td>
<td>p&lt;.01</td>
</tr>
</tbody>
</table>
**Findings on Happiness & RELIGION**

*Code: R 1*

**Direct question:** “Apart from visiting church, would you say that you’re a religious person?” (order reversed).

**0 Religious**

**1 Not religious**

---

**HALMA 1987**

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


**Population:** 18+ aged, general public, 10 EU nations, 1981

**Sample:**

**Non-Response:**

**N:** 12464

---

**Measured Correlate**

**Class:** Self-definition as religious  

**Code:** R 1.6.2

**Measurement:** Direct question: “Apart from visiting church, would you say that you’re a religious person?” (order reversed). 0 Religious 1 Not religious

**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-HL/u/sq/v/4/a</td>
<td>r=+.00 ns</td>
<td>France</td>
</tr>
<tr>
<td></td>
<td>r=+.04 ns</td>
<td>Great-Britain</td>
</tr>
<tr>
<td></td>
<td>r=+.05 p&lt;.05</td>
<td>West Germany</td>
</tr>
<tr>
<td></td>
<td>r=+.05 p&lt;.05</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>r=+.04 ns</td>
<td>Denmark</td>
</tr>
<tr>
<td></td>
<td>r=+.07 p&lt;.01</td>
<td>Belgium</td>
</tr>
<tr>
<td></td>
<td>r=+.09 p&lt;.01</td>
<td>Spain</td>
</tr>
<tr>
<td></td>
<td>r=+.06 p&lt;.05</td>
<td>Ireland</td>
</tr>
<tr>
<td></td>
<td>r=+.20 p&lt;.01</td>
<td>Northern Ireland</td>
</tr>
</tbody>
</table>

DMt=+  

EC (stratified sample)  

Religious $Mt' = 7.12$  

Not religious $Mt' = 6.97$
Except for Northern Ireland (B = -.11) in none of the European countries, B weights of this variable reached .10 level in multiple regression analysis, when controlling for:
life satisfaction (HAPP 2.1), affect (AFF 2.3);
satisfaction with income, health and family life;
age, income, male sex, marital status, having children, work; urbanisation, type of dwelling, own home, religiousness, social participation;
uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future;
tolerance, loneliness, misanthropy, hopeless about life and sense of control.

O-SLW/c/sq/n/10/aa

<table>
<thead>
<tr>
<th>Country</th>
<th>r</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>France</td>
<td>+.06</td>
<td>&lt;.05</td>
</tr>
<tr>
<td>Great Britain</td>
<td>+.11</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>West Germany</td>
<td>+.06</td>
<td>&lt;.05</td>
</tr>
<tr>
<td>Italy</td>
<td>+.12</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>Denmark</td>
<td>+.04</td>
<td>ns</td>
</tr>
<tr>
<td>Belgium</td>
<td>+.12</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>Spain</td>
<td>+.11</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>Ireland</td>
<td>+.11</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>+.21</td>
<td>&lt;.01</td>
</tr>
</tbody>
</table>

EC (stratified sample)
Religious       Mt' = 7.04
Not religious   Mt' = 6.67

In none of the European countries, B weights of this variable reached .10 level in multiple regression analysis, when controlling for:
life satisfaction (HAPP 2.1), affect (AFF 2.3);
satisfaction with income, health and family life;
age, income, male sex, marital status, having children, work; urbanisation, type of dwelling, own home, religiousness, social participation;
uncertainty about future, expected negative changes in income; satisfaction 5 years in past and future;
tolerance, loneliness, misanthropy, hopeless about life and sense of control.
Findings on Happiness & RELIGION

**Study**

**MORAW 1977**

**Reported in:** Morawetz, D.
Income distribution and self-rated happiness: some empirical evidence

**Population:** Adults, two villages (one equal in incomes, one unequal), Israel, 1976

**Sample:** Non-probability purposive-expert sample

**Non-Response:** 38%

**N:** 109

---

**Measured Correlate**

**Class:** Self-definition as religious  Code: R 1.6.2

**Measurement:** Single question
1 not very religious or not religious
2 religious or quite religious

**Measured Values:**
1 M=90.6 (%)  
2 M=22.6 (%)

**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-BW/c/sq/l/11/a</td>
<td>B= ns</td>
<td>B controlled for the above variables with income left out</td>
</tr>
</tbody>
</table>
|                 | B= ns      | B controlled for:  
                 |           | - years lived in moshav  
                 |           | - place of birth  
                 |           | - age  
                 |           | - sex  
                 |           | - education  
                 |           | - not married  
                 |           | - children at home  
                 |           | - rooms per house  
                 |           | - rooms per person  
                 |           | - telephone  
                 |           | - car  
                 |           | - agricultural work  
                 |           | - income per standard adult  
                 |           | - Moshav  
                 |           | Unaffected by community type (equal or unequal)  

---

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 160 of 298
Findings on Happiness & RELIGION Correlate Code: R 1

<table>
<thead>
<tr>
<th>Study</th>
<th>RINGD 1996</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in:</td>
<td>Ringdal, G.I.</td>
</tr>
<tr>
<td>Religiosity, Quality of life, and Survival in cancer patients</td>
<td></td>
</tr>
<tr>
<td>Social Indicators Research 38: 193-21, 1996</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Cancer patients, Norway, 1991</td>
</tr>
<tr>
<td>Sample:</td>
<td>Non-probability chunk sample</td>
</tr>
<tr>
<td>Non-Response:</td>
<td>19%</td>
</tr>
<tr>
<td>N:</td>
<td>253</td>
</tr>
</tbody>
</table>

Measured Correlate

| Class: | Self-definition as religious | Code: R 1.6.2 |
| Measurement: | 2 questions: |
| | A. Can you tell about your religious beliefs : I do not believe in God/ I do not know/ I believe in God/ |
| | B. Have your religious beliefs been of support to you after you became ill from cancer ? : no support/ some support/ very good support |
| Measured Values: | Range: 1-6, Mean: 4.46, SD: 1.27 |
| Error Estimates: | intercorrelation : r = +0.56 |
| | Crombach's alpha = +0.71 |

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SL?/?/sq/?/0/a</td>
<td>r=+.22 p&lt;.00</td>
<td>beta controled for:</td>
</tr>
<tr>
<td></td>
<td>Beta=+.2 p&lt;.00</td>
<td>- age</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- sex</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- level education</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- prognosis (docters rating)</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

**Study**

**TIMME 1997/1**

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

*Population:* 18+ aged, general public, France, 1990

*Sample:*

*Non-Response:*

*N:* 1002

**Measured Correlate**

*Class:* Self-definition as religious  
*Code:* R 1.6.2

*Sentence:* Single question: "Independently of whether you go to church or not, would you say you are....."

1 A convinced atheist
2 Not a religious person
3 A religious person

**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-BB/cm/mq/v2/a</td>
<td>DM=+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 M=1.55</td>
<td>Mt=6.5</td>
</tr>
<tr>
<td></td>
<td>2 M=1.41</td>
<td>Mt=6.4</td>
</tr>
<tr>
<td></td>
<td>3 M=1.22</td>
<td>Mt=6.2</td>
</tr>
<tr>
<td><em>r</em>=-.06</td>
<td><em>p</em>&lt;.01</td>
<td></td>
</tr>
<tr>
<td><em>tc</em>=-.06</td>
<td><em>p</em>&lt;.001</td>
<td></td>
</tr>
<tr>
<td><em>Beta</em>=-.0 ns</td>
<td><em>Beta</em> controlled for sex, age, and household income</td>
<td></td>
</tr>
<tr>
<td>O-HL/u/sq/v4/a</td>
<td>DM=+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 M=3.12</td>
<td>Mt=7.1</td>
</tr>
<tr>
<td></td>
<td>2 M=3.15</td>
<td>Mt=7.2</td>
</tr>
<tr>
<td></td>
<td>3 M=3.19</td>
<td>Mt=7.3</td>
</tr>
<tr>
<td><em>r</em>=.04</td>
<td><em>p</em>&lt;.05</td>
<td></td>
</tr>
<tr>
<td><em>tc</em>=.03</td>
<td><em>p</em>&lt;.05</td>
<td></td>
</tr>
<tr>
<td><em>Beta</em>=.0 <em>p</em>&lt;.05</td>
<td><em>Beta</em> controlled for sex, age, and household income</td>
<td></td>
</tr>
<tr>
<td>O-SLW/c/sq/n10/aa</td>
<td>DM=+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 M=6.82</td>
<td>Mt=6.5</td>
</tr>
<tr>
<td></td>
<td>2 M=6.69</td>
<td>Mt=6.3</td>
</tr>
<tr>
<td></td>
<td>3 M=6.88</td>
<td>Mt=6.5</td>
</tr>
<tr>
<td><em>r</em>=.03</td>
<td>ns</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION

\[ tc=+.04 \quad p<.05 \]
\[ \text{Beta} =+.0 \quad \text{ns} \quad \text{controlled for sex, age, and household income} \]
Findings on Happiness & RELIGION

Correlate Code: R 1

**Study**

**TIMME 1997/2**

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Britain, 1990

*Sample:

*Non-Response:* 1484

**Measured Correlate**

*Class:* Self-definition as religious  Code: R 1.6.2

*Measurement:* Single question: "Independently of whether you go to church or not, would you say you are....."

1 A convinced atheist

2 Not a religious person

3 A religious person

*Measured Values:

*Error Estimates:

*Remarks:

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
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B controlled for sex, age, and household income

B controlled for sex, age, and household income

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 164 of 298
Findings on Happiness & RELIGION

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Beta controlled for sex, age, and household income
Findings on Happiness & RELIGION  

**Study**  
TIMME 1997/3

**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, West Germany, 1990

**Sample:**

**Non-Response:** 2201

**Measured Correlate**

**Class:** Self-definition as religious  
Code: R 1.6.2

**Measurement:** Single question: "Independently of whether you go to church or not, would you say you are....."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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**Beta=+.1 p<.001**  
< controlled for sex, age, and household income

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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 166 of 298
Findings on Happiness & RELIGION

Correlate Code: R 1

| DM=+ | 1  | M=3.06 | Mt =6.9 |
|      | 2  | M=2.98 | Mt =6.6 |
|      | 3  | M=3.08 | Mt =6.9 |

r=+.07  p<.001
r=+.07  p<.001
tc=+.05  p<.001
tc=+.05  p<.001
Beta=+.0 p<.001
Beta=+.0 p<.001

Rent controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa

| DM=+ | 1  | M=6.83 | Mt =6.5 |
|      | 2  | M=6.99 | Mt =6.6 |
|      | 3  | M=7.39 | Mt =7.1 |

r=+.10  p<.001
r=+.10  p<.001
tc=+.08  p<.001
tc=+.08  p<.001
Beta=+.1 p<.001
Beta=+.1 p<.001

Rent controlled for sex, age, and household income
Findings on Happiness & RELIGION

Correlate Code: R 1

Single question: "Independently of whether you go to church or not, would you say you are....."
1 A convinced atheist
2 Not a religious person
3 A religious person

Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Italy, 1990
Sample: N: 2010
Non-Response:

Measured Correlate
Class: Self-definition as religious Code: R 1.6.2
Measurement: Single question: "Independent of whether you go to church or not, would you say you are....."
1 A convinced atheist
2 Not a religious person
3 A religious person

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

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| 2               | M=2.90     | Mt =6.3 |
| 3               | M=2.99     | Mt =6.6 |
| r=+.01          | ns         |         |
| tc=.02          | ns         |         |
| Beta=+.0 ns     | B controlled for sex, age, and household income |

| O-SLW/c/sq/n/10/aa | DM=+       |         |
| 1               | M=7.34     | Mt =7.0 |
| 2               | M=6.99     | Mt =6.7 |
| 3               | M=7.31     | Mt =7.0 |
| r=+.03          | ns         |         |

World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & RELIGION

Correlate Code: R 1

tc=+.04  p<.01

Beta=+.0 ns  B controlled for sex, age, and household income
### Study

**TIMME 1997/5**

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

*Working paper,* Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, The Netherlands, 1990

*Sample:*

*Non-Response:*

*N:* 1017

### Measured Correlate

*Class:* Self-definition as religious  
*Code:* R 1.6.2

*Measurement:*

Single question: "Independently of whether you go to church or not, would you say you are....."

1. A convinced atheist
2. Not a religious person
3. A religious person

### Observed Relation with Happiness

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Findings on Happiness & RELIGION

\[ tc = +.06 \quad \text{ns} \]

\[ \beta = +.0 \quad \text{ns} \]

controlled for sex, age, and household income
Findings on Happiness & RELIGION  

**Study**  TIMME 1997/6

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Denmark, 1990

*Sample:

*N:* 1030

**Measured Correlate**

*Class:* Self-definition as religious  
*Code:* R 1.6.2

*Measurement:* Single question: "Independently of whether you go to church or not, would you say you are....."

1 A convinced atheist
2 Not a religious person
3 A religious person

*Measured Values:*

*Error Estimates:*

*Remarks:*

**Observed Relation with Happiness**

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|                 | 2 M=3.34   | Mt=7.8  |
|                 | 3 M=3.38   | Mt=7.9  |
|                 | r=+.07     | p<.05   |
|                 | tc=+.04    | p<.05   |
|                 | Beta=+.1   | p<.001  |
|                 | B controlled for sex, age, and household income |

| O-SLW/c/sq/n10/aa | DM=+   |         |
|                   | 1 M=8.02 | Mt=7.8  |
|                   | 2 M=8.11 | Mt=7.9  |
|                   | 3 M=8.21 | Mt=8.0  |
|                   | r=+.03   | ns      |

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Findings on Happiness & RELIGION

Correlate Code: R 1

\[ t_c = +0.05 \quad p < 0.05 \]

\[ \beta = +0.0 \quad \text{ns} \]

controlled for sex, age, and household income
### Study

**TIMME 1997/7**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Belgium, 1990

**Sample:**

**Non-Response:**

\[ N = 2792 \]

### Measured Correlate

**Class:** Self-definition as religious  
**Code:** R 1.6.2

**Measurement:**

Single question: "Independently of whether you go to church or not, would you say you are....."  
1. A convinced atheist  
2. Not a religious person  
3. A religious person

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

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\[ r=+.05 \quad p<.05 \]

\[ r=+.05 \quad p<.05 \]

\[ tc=+.04 \quad p<.05 \]

\[ tc=+.04 \quad p<.05 \]

\[ \beta=+.0 \quad p<.01 \quad \text{Beta controlled for sex, age, and household income} \]

\[ \beta=+.0 \quad p<.01 \quad \text{Beta controlled for sex, age, and household income} \]

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- $r = +.11$, $p < .001$
- $r = +.10$, $p < .001$
- $tc =+.08$, $p < .001$
- $tc =+.08$, $p < .001$

Beta controlled for sex, age, and household income

---

Beta=+.1 p<.001 8 controlled for sex, age, and household income
Findings on Happiness & RELIGION  Correlate Code: R 1

Single question: "Independently of wether you go to church or not, would you say you are....."

1   A convinced atheist
2   Not a religious person
3   A religious person

TIMME 1997/8

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Spain, 1990

Sample: 4147

Measured Correlate

Class: Self-definition as religious  Code: R 1.6.2
Measurement: Single question: "Independently of wether you go to church or not, would you say you are....."

1   A convinced atheist
2   Not a religious person
3   A religious person

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks

A-BB/cm/mq/v/2/a  DM+=
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2  M= .78  Mt=5.8
3  M= .67  Mt=5.7

DM+=
1  M= .80  Mt=5.8
2  M= .78  Mt=5.8
3  M= .67  Mt=5.7

r=-.03  ns

r=-.03  ns

c=-.02  ns
c=-.02  ns

Beta=+.0 ns  B controlled for sex, age, and household income

Beta=+.0 ns  B controlled for sex, age, and household income

O-HL/u/sq/v/4/a  DM+=
1  M=3.02  Mt=6.7
2  M=3.02  Mt=6.7
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β controlled for sex, age, and household income

β controlled for sex, age, and household income
Findings on Happiness & RELIGION  

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\[ r=+.02 \] ns
\[ tc=+.02 \] ns

\[ Beta=+.0 \text{ p}<.05 \] **Beta controlled for sex, age, and household income**

---

O-SLW/c/sq/n/10/aa

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\[ r=+.03 \] ns
\[ tc=+.03 \] ns

\[ Beta=+.0 \text{ p}<.05 \] **Beta controlled for sex, age, and household income**
Findings on Happiness & RELIGION

Study: TIMME 1997/9

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Ireland, 1990
Sample: Non-Response:
N: 1000

Measured Correlate

Class: Self-definition as religious Code: R 1.6.2
Measurement: Single question: "Independently of whether you go to church or not, would you say you are....."
1 A convinced atheist
2 Not a religious person
3 A religious person

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

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r=+.01 ns
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r=+.05 p<.05
r=+.01 p<.ns05
tc=+.01 ns
Findings on Happiness & RELIGION  

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Beta controlled for sex, age, and household income

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r=+.06 p<.015
r=+.04 ns
r=+.06 p<.015
r=+.04 ns
tc=+.05 p<.001
tc=+.03 ns
tc=+.03 ns
tc=+.05 p<.001

Beta controlled for sex, age, and household income

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Beta=+.0 ns  & controlled for sex, age, and household income
Beta=+.0 ns  & controlled for sex, age, and household income
Beta=+.0 p<.01 & controlled for sex, age, and household income
Beta=+.0 p<.01 & controlled for sex, age, and household income
Findings on Happiness & RELIGION

Study

TIMME '97/10

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, N. Ireland, 1990
Sample: Non-probability accidental sample
Non-Response: N: 304

Measured Correlate

Class: Self-definition as religious  Code: R 1.6.2
Measurement: Single question: "Independently of whether you go to church or not, would you say you are....."
1 A convinced atheist
2 Not a religious person
3 A religious person

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
A-BB/cm/mq/v/2/a | DM= | Less than 10 Ss
2 | M=1.49 | Mt=6.5
3 | M=1.83 | Mt=6.8
DM=+ | 1 | M=1.11 | Mt=6.1
2 | M=1.33 | Mt=6.3
3 | M=1.48 | Mt=6.5
r=+.11 ns
r=+.04 p<.05
tc=+.03 p<.05
tc=+.08 p<.05
Beta=+.1 p<.05 Beta=+.1 p<.001  β controlled for sex, age, and household income

O-HL/u/sq/v/4/a | DM=+ | Less than 10 Ss
2 | M=3.19 | Mt=7.3
3 | M=3.34 | Mt=7.8
### Findings on Happiness & RELIGION

Correlate Code: R 1

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- $r=+.07$  $p<.001$
- $r=+.13$  $p<.05$
- $tc=+.05$  $p<.001$
- $tc=+.09$  $p<.01$

Beta=+.1  $p<.05$  β controlled for sex, age, and household income

Beta=+.0  $p<.001$  β controlled for sex, age, and household income

### O-SLW/c/sq/n/10/aa

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- $r=+.10$  $p<.001$
- $r=+.11$  $ns$
- $tc=+.08$  $p<.001$
- $tc=+.08$  $p<.05$

Beta=+.1  $p<.001$  β controlled for sex, age, and household income

Beta=+.1  $ns$  β controlled for sex, age, and household income
### Study

**TIMME '97/11**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

**Population:** 18+ aged, general public, USA, 1990

**Sample:**

**Non-Response:**

**N:** 1839

### Measured Correlate

**Class:** Self-definition as religious  
**Code:** R 1.6.2

**Measurement:**

Single question: "Independently of whether you go to church or not, would you say you are....."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

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\( r=+.12 \) p<.001  
\( r=+.05 \) p<.05  
\( r=+.05 \) p<.05  
\( r=+.12 \) p<.001  
\( tc=+.07 \) p<.001
Findings on Happiness & RELIGION

Correlate Code: R 1

tc=+.05  p<.01
tc=+.05  p<.01
tc=+.07  p<.001
Beta=+.1 p<.001  β controlled for sex, age, and household income
Beta=+.0 p<.01  β controlled for sex, age, and household income
Beta=+.1 p<.001  β controlled for sex, age, and household income
Beta=+.0 p<.01  β controlled for sex, age, and household income

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

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DM=+

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DM=+

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O-SLW/c/sq/n/10/aa

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$r=+.09$ $p<.001$
$r=+.11$ $p<.001$
$r=+.11$ $p<.001$
$r=+.09$ $p<.001$
tc=$+.09$ $p<.001$
tc=$+.09$ $p<.001$
tc=$+.07$ $p<.001$
tc=$+.07$ $p<.001$

Beta$=.0$ $p<.01$ 8 controlled for sex, age, and household income
Beta$=.1$ $p<.001$ 8 controlled for sex, age, and household income
Beta$=.1$ $p<.001$ 8 controlled for sex, age, and household income
Beta$=.0$ $p<.01$ 8 controlled for sex, age, and household income
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: “Independently of whether you go to church or not, would you say you are.....

1 A convinced atheist
2 Not a religious person
3 A religious person

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Canada, 1990

Sample:
Non-Response: 1730

Measuring Correlate
Class: Self-definition as religious Code: R 1.6.2
Measurement: Single question: “Independently of whether you go to church or not, would you say you are.....

1 A convinced atheist
2 Not a religious person
3 A religious person

Measured Values:

Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a DM=+ 1 M=1.78 Mt=6.8
2 M=1.99 Mt=7.0
3 M=2.46 Mt=7.5
r=+.12 p<.001
tc=+.09 p<.001
Beta=+.1 p<.001 β controlled for sex, age, and household income

O-HL/u/sq/v/4/a DM=+ 1 M=2.98 Mt=6.6
2 M=2.99 Mt=6.6
3 M=3.07 Mt=6.9
r=+.05 ns
tc=+.03 p<.05
Beta=+.0 p<.05 β controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa DM=+ 1 M=7.53 Mt=7.3
2 M=7.71 Mt=7.5
3 M=7.96 Mt=7.7
r=+.07 p<.01

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 186 of 298
Findings on Happiness & RELIGION

\[ tc = +.05 \quad p < .01 \]
\[ Beta = +.0 \quad p < .05 \quad \text{controlled for sex, age, and household income} \]
Findings on Happiness & RELIGION

Study

**TIMME '97/13**

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Japan, 1990

**Sample:**

**Non-Response:** 1011

---

**Measured Correlate**

**Class:** Self-definition as religious  Code: R 1.6.2

**Measurement:** Single question: "Overall, how satisfied or dissatisfied are you with your home life?" rated on a 10-point numerical scale ranging from 'dissatisfied' to 'satisfied'.

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

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<th>Statistics</th>
<th>Remarks</th>
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r=-.01  ns  
r=+.09  p<.001 
tc=+.00  ns  
tc=+.08  p<.001 

Beta=-.0  ns  \[\text{controlled for sex, age, and household income}\]

Beta=+.1  p<.001  \[\text{controlled for sex, age, and household income}\]
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: "Independently of whether you go to church or not, would you say you are....."

1   A convinced atheist
2   Not a religious person
3   A religious person

TIMME '97/13

Measured Correlate

Class: Self-definition as religious  Code: R 1.6.2
Measurement: Single question: "Independently of whether you go to church or not, would you say you are....."

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Sample: 18+ aged, general public, Japan, 1990
Non-Response: 1011

Measured Values:

Beta=+.1 p<.001  β controlled for sex, age, and household income
Beta=+.0 ns

Population:

Class:

Statistics

Happiness Query       Statistics       Remarks
O-HL/u/sq/v/4/a        DM=+             
1                      M=3.11          Mt=7.0
2                      M=2.90          Mt=6.3
3                      M=2.99          Mt=6.6

DM=+                    
1                      M=2.92          Mt=6.4
2                      M=2.96          Mt=6.5
3                      M=3.12          Mt=7.1

r=+.11 p<.001
r=+.01 ns
tc=+.08 p<.001
tc=+.02 ns

O-SLW/c/sq/n/10/aa      DM=+             
1                      M=7.34          Mt=7.0
2                      M=6.99          Mt=6.7
3                      M=7.31          Mt=7.0

Beta=+.1 p<.001  β controlled for sex, age, and household income
Beta=+.0 ns

Remarks:

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population:
18+ aged, general public, Japan, 1990
Non-Response: 1011

Measured Correlate

Class: Self-definition as religious  Code: R 1.6.2
Measurement: Single question: "Independently of whether you go to church or not, would you say you are....."

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Sample: 18+ aged, general public, Japan, 1990
Non-Response: 1011

Sample:

Non-Response: 1011

Observed Relation with Happiness

Happiness Query       Statistics       Remarks
O-HL/u/sq/v/4/a        DM=+             
1                      M=3.11          Mt=7.0
2                      M=2.90          Mt=6.3
3                      M=2.99          Mt=6.6

DM=+                    
1                      M=2.92          Mt=6.4
2                      M=2.96          Mt=6.5
3                      M=3.12          Mt=7.1

r=+.11 p<.001
r=+.01 ns
tc=+.08 p<.001
tc=+.02 ns

O-SLW/c/sq/n/10/aa      DM=+             
1                      M=7.34          Mt=7.0
2                      M=6.99          Mt=6.7
3                      M=7.31          Mt=7.0

Beta=+.1 p<.001  β controlled for sex, age, and household income
Beta=+.0 ns

Remarks:

Beta=+.1 p<.001  β controlled for sex, age, and household income
Beta=+.0 ns

Reported in: Timmermans, D.

Population: 18+ aged, general public, Japan, 1990
Non-Response: 1011

Sample: 18+ aged, general public, Japan, 1990
Non-Response: 1011

Measuring...
<table>
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<td>3</td>
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$DM = +$

$r = +.03$ ns

$r = +.09$ p < .001

$t = +.09$ p < .001

$t = +.04$ p < .01

Beta = +.0 ns  
Beta = +.0 p < .01  
* controlled for sex, age, and household income*
Findings on Happiness & RELIGION  
Correlate Code: R 1

**Study**  
**TIMME '97/14**

**Reported in:** Timmermans, D.  

**Population:** 18+ aged, general public, Mexico, 1990

**Sample:**

**Non-Response:** 1531

---

**Measured Correlate**

**Class:** Self-definition as religious  
**Code:** R 1.6.2

**Measurement:** Single question: "Independently of whether you go to church or not, would you say you are....."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

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<td>Beta=+.0 ns</td>
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</table>
Findings on Happiness & RELIGION

Correlate Code: R 1

tc=+.02  ns
Beta=+.0  ns  & controlled for sex, age, and household income
Findings on Happiness & RELIGION

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, South Africa, 1990

Sample:

Non-Response: 2736

**Measured Correlate**

Class: Self-definition as religious  Code: R 1.6.2

Measurement:

Single question: "Independently of whether you go to church or not, would you say you are....."
1 A convinced atheist
2 Not a religious person
3 A religious person

Measured Values:

Error Estimates:

Remarks:

**Observed Relation with Happiness**

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<td>r=+.06</td>
<td>p&lt;.05</td>
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</table>
Findings on Happiness & RELIGION

tc=+.04  p<.01
Beta=+.0  p<.05  B controlled for sex, age, and household income
Findings on Happiness & RELIGION

**Correlate Code: R 1**

**Single question:** “Independently of whether you go to church or not, would you say you are.....

1. A convinced atheist
2. Not a religious person
3. A religious person

**Timmermans, D.**
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Hungary, 1990

**Sample:**

**N:** 999

**Measured Correlate**

**Class:** Self-definition as religious  Code: R 1.6.2

**Measurement:**

**Remarks:**

**Observed Relation with Happiness**

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<td>Beta=+.0 ns</td>
<td>β controlled for sex, age, and household income</td>
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| O-HL/u/sq/v4/a  | DM=+       |         |
| 1               | M=2.72     | Mt=5.7  |
| 2               | M=2.74     | Mt=5.8  |
| 3               | M=2.70     | Mt=5.7  |
| r=-.02          | ns         |         |
| tc=-.01         | ns         |         |
| Beta=+.0 p<.05  | β controlled for sex, age, and household income |

| O-SLW/c/sq/n10/aa | DM=+       |         |
| 1               | M=5.97     | Mt=5.5  |
| 2               | M=6.05     | Mt=5.6  |
| 3               | M=5.98     | Mt=5.5  |
| r=-.01          | ns         |         |
tc=-.01 ns
Beta=+.0 ns *controlled for sex, age, and household income*
### Study
**TIMME '97/17**

- **Reported in:** Timmermans, D.
- **Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991**
- **Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997**
- **Population:** 18+ aged, general public, Portugal, 1990
- **Sample:**
- **Non-Response:**
  - **N:** 1185

### Measured Correlate
- **Class:** Self-definition as religious  
  - **Code:** R 1.6.2
- **Measurement:** Single question: "Independently of whether you go to church or not, would you say you are....."
  - 1 A convinced atheist
  - 2 Not a religious person
  - 3 A religious person

### Observed Relation with Happiness

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<td>3 M=1.28</td>
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<td>1 M=2.68</td>
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Findings on Happiness & RELIGION  

Correlate Code: R 1

\[ t_{c} = +.01 \text{ ns} \]
\[ \beta = +.0 \text{ ns} \quad \text{controlled for sex, age, and household income} \]
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: “Independently of whether you go to church or not, would you say you are.....”

1   A convinced atheist
2   Not a religious person
3   A religious person

TIMME '97/18

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Norway, 1990
Sample:
Non-Response: 1239

N: 1239

Measured Correlate

Class: Self-definition as religious  Code: R 1.6.2
Measurement: Single question: “Independently of whether you go to church or not, would you say you are.....”
1   A convinced atheist
2   Not a religious person
3   A religious person

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
---|---|---
O-HL/c/sq/v/3/bc | DM=+ | M=2.29 Mt =7.3
| M=2.29 Mt =7.3 |
| M=2.36 Mt =7.4 |
| r=+.02 ns |
| tc=+.02 ns |
| Beta=+.0 ns |

O-HL/u/sq/v/4/a | DM=+ | M=3.19 Mt =7.3
<p>| M=3.24 Mt =7.5 |
| M=3.31 Mt =7.7 |
| r=+.05 ns |
| r=+.06 p&lt;.015 |
| tc=+.05 p&lt;.001 |
| tc=+.04 p&lt;.05 |</p>
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$r=+.09$ $p<.001$

$r=+.08$ $p<.01$

tc=+.09 $p<.001$

tc=+.08 $p<.001$

Beta=+.0 $p<.01$ controlled for sex, age, and household income

Beta=+.0 $p<.01$ controlled for sex, age, and household income
Findings on Happiness & RELIGION

Correlate Code: R 1

Study TIMME '97/19

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Sweden, 1990

Sample:

Non-Response:

N: 1047

Measured Correlate

Class: Self-definition as religious Code: R 1.6.2

Measurement: Single question: "Independently of whether you go to church or not, would you say you are....."
1 A convinced atheist
2 Not a religious person
3 A religious person

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a DM+=
1 M=2.66 Mt=7.7
2 M=2.95 Mt=8.0
3 M=2.94 Mt=7.9

DM+=
1 M=1.11 Mt=6.1
2 M=1.33 Mt=6.3
3 M=1.48 Mt=6.5

r=+.03 ns
r=+.04 p<.05
tc=+.03 p<.05
tc=+.02 ns
Beta=+.0 ns β controlled for sex, age, and household income
Beta=+.1 p<.001 β controlled for sex, age, and household income

O-HL/u/sq/v/4/a DM+=
1 M=3.22 Mt=7.4
2 M=3.36 Mt=7.9
3 M=3.42 Mt=8.1
Findings on Happiness & RELIGION

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<tr>
<td>3</td>
<td>M=3.08</td>
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DM=+  
$r=+.07 \quad p<.001$
$r=+.08 \quad p<.05$
$tc=+.05 \quad p<.001$
$tc=+.06 \quad p<.01$

$\beta$ controlled for sex, age, and household income

$\beta=+.0 \quad p<.05$

$\beta=+.0 \quad p<.001$

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<td>M=7.39</td>
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O-SLW/c/sq/n/10/aa  
DM=+  
$r=+.10 \quad p<.001$
$r=-.01 \quad ns$
$tc=-.01 \quad ns$
$tc=+.08 \quad p<.001$

$\beta=+.1 \quad p<.001$

$\beta=-.0 \quad ns$

$\beta$ controlled for sex, age, and household income
Findings on Happiness & RELIGION

**Study**

**TIMME '97/21**

*Reported in:* Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Iceland 1990

*Sample:

*Non-Response:*

*N: 702

---

**Measured Correlate**

*Class:* Self-definition as religious  
*Code: R 1.6.2*

*Measurement:* Single question: "Independently of whether you go to church or not, would you say you are....."
1 A convinced atheist
2 Not a religious person
3 A religious person

*Measured Values:

*Error Estimates:

*Remarks:

---

**Observed Relation with Happiness**

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<tr>
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<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
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<td>DM=+</td>
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<tr>
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<td></td>
<td>2       M=2.32  Mt=7.3</td>
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<td></td>
<td></td>
<td>3       M=2.61  Mt=7.6</td>
</tr>
<tr>
<td></td>
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<td>p&lt;.05</td>
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<td>p&lt;.05</td>
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Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 203 of 298
Findings on Happiness & RELIGION

Correlate Code: R 1

tc=+.10  p<.001
Beta=+.0 p<.05  B controlled for sex and age
Findings on Happiness & RELIGION

Study: TIMME '97/22

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Argentina, 1990

Sample:

Non-Response:
N: 1002

Measured Correlate

Class: Self-definition as religious  Code: R 1.6.2

Measurement: Single question: "Independently of whether you go to church or not, would you say you are....."
1  A convinced atheist
2  Not a religious person
3  A religious person

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

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<td>ns</td>
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<td></td>
<td>tc=-.02</td>
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<td></td>
<td>Beta=+.0 ns</td>
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</table>

| O-HL/u/sq/v4/a  | DM=+       |         |
|                 | r=+.03     | ns      |
|                 | tc=+.04    | ns      |
|                 | Beta=+.05  |         |

| O-SLW/c/sq/n10/aa | DM=+       |         |
|                   | r=+.06     | ns      |

Beta controlled for sex, age, and household income
Findings on Happiness & RELIGION

Correlate Code: R 1

\[ tc = .06 \quad p < .01 \]

\[ \beta = +.0 \quad ns \]  \( B \) controlled for sex, age, and household income
### Study

**TIMME '97/23**

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the World Values Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Finland, 1990

**Sample:**

**Non-Response:** 588

**Measured Correlate**

**Class:** Self-definition as religious  
Code: R 1.6.2

**Measurement:** Single question: "Independently of whether you go to church or not, would you say you are....."
1. A convinced atheist
2. Not a religious person
3. A religious person

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

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<td>3 M=1.76</td>
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<td>2 M=1.10</td>
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<td>3 M=1.28</td>
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</table>

- \( r=+.05 \) \( p<.05 \)
- \( r=+.05 \) ns
- \( tc=+.05 \) ns
- \( tc=+.05 \) \( p<.01 \)

\( \beta \) controlled for sex, age, and household income

<table>
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<th>O-HL/u/sq/v/4/a</th>
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<td>3 M=3.12</td>
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This page is from the World Database of Happiness: www.eur.nl/fsw/research/happiness
### Findings on Happiness & RELIGION

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$r$ = +.04  ns

$r$ = +.06  p < .015

tc$ = $ +.05  p < .001

tc$ = $ +.02  ns

Beta$ = $ +.0  ns  

8 controlled for sex, age, and household income

---

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$r$ = +.07  ns

$r$ = +.09  p < .001

tc$ = $ +.04  ns

tc$ = $ +.09  p < .001

Beta$ = $ +.0  p < .01
Beta$ = $ +.0  ns  

8 controlled for sex, age, and household income
Findings on Happiness & RELIGION

**Study**  
**TIMME '97/25**

**Reported in:**  
Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:**  
18+ aged, general public, Poland, 1990

**Sample:**

**Non-Response:**  
938

---

**Measured Correlate**

**Class:** Self-definition as religious  
Code: R 1.6.2

**Measurement:**  
Single question: "Independently of whether you go to church or not, would you say you are....."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<td>Beta=+.0 ns</td>
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<td>Beta=-.0 ns</td>
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</table>
tc=+.01  ns  
Beta=+.0 ns  \(B\) controlled for sex, age, and household income
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: "Independently of wether you go to church or not, would you say you are....."
1   A convinced atheist
2   Not a religious person
3   A religious person

TIMME '97/26
Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997
Population: 18+ aged, general public, Switzerland, 1990
Sample:
Non-Response:
N: 1400

Measured Correlate
Class: Self-definition as religious  Code: R 1.6.2
Measurement: Single question: "Independently of wether you go to church or not, would you say you are....."
1   A convinced atheist
2   Not a religious person
3   A religious person

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness
Happiness Query Statistics Remarks
A-BB/cm/mq/v/2/a DM=+ 1 M=1.11 Mt=6.1
2 M= .82 Mt=5.8
3 M= .98 Mt=6.0
r=+.02 ns
tc=+.03 ns

O-HL/u/sq/v/4/a DM=+ 1 M=3.00 Mt=6.7
2 M=3.12 Mt=7.1
3 M=3.32 Mt=7.7
DM=+ 1 M=3.19 Mt=7.3
2 M=3.24 Mt=7.5
3 M=3.31 Mt=7.7
DM=+ 1 M=3.19 Mt=7.3
2 M=3.24 Mt=7.5
3 M=3.31 Mt=7.7
DM=+ 1 M=3.32 Mt=7.7
2 M=3.25 Mt=7.5
3 M=3.21 Mt=7.4
r=+.06 p<.015
Findings on Happiness & RELIGION

Correlate Code: R 1

\[ r = -0.06 \quad p < 0.05 \]
\[ r = +0.12 \quad p < 0.001 \]
\[ r = +0.06 \quad p < 0.015 \]
\[ tc = +0.05 \quad p < 0.001 \]
\[ tc = +0.07 \quad p < 0.001 \]
\[ tc = -0.04 \quad p < 0.05 \]
\[ tc = +0.05 \quad p < 0.001 \]

Beta = +0.0 ns  \( \beta \) controlled for sexe, age, and household income

Beta = +0.1 p < 0.001  \( \beta \) controlled for sexe, age, and household income

Beta = +0.0 ns  \( \beta \) controlled for sexe, age, and household income

Beta = +0.0 ns  \( \beta \) controlled for sexe, age, and household income

O-SLW/c/sq/n/10/aa

DM = +

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DM = +

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DM = +

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DM = +

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Beta = +0.0 ns  \( \beta \) controlled for sexe, age, and household income

Beta = +0.1 p < 0.001  \( \beta \) controlled for sexe, age, and household income

Beta = +0.0 p < 0.01  \( \beta \) controlled for sexe, age, and household income

Beta = +0.0 p < 0.01  \( \beta \) controlled for sexe, age, and household income
### Study

**TIMME '97/28**

**Reported in:** Timmermans, D.

*Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991*  
*Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997*

**Population:** 18+ aged, general public, Brazil 1990

**Sample:**

**Non-Response:** 1782

---

### Measured Correlate

**Class:** Self-definition as religious  
**Code:** R 1.6.2

**Measurement:**

*Single question: “Independently of whether you go to church or not, would you say you are....”*

1. *A convinced atheist*
2. *Not a religious person*
3. *A religious person*

---

### Observed Relation with Happiness

**Happiness Query** | **Statistics** | **Remarks**
---|---|---
A-BB/cm/mq/v/2/a | DM=+ |  
1 | $M = 1.22$ | $Mt = 6.2$  
2 | $M = 1.03$ | $Mt = 6.0$  
3 | $M = 1.20$ | $Mt = 6.2$  

DM=+  
1 | $M = 1.11$ | $Mt = 6.1$  
2 | $M = 1.33$ | $Mt = 6.3$  
3 | $M = 1.48$ | $Mt = 6.5$  

$r = +.02$  
$r = +.04$  
$t = +.03$  
$t = +.02$  

**Beta=+.0 ns**  
**Beta=+.1 p<.001**

**O-HL/u/sq/v/4/a** | DM=+ |
---|---|
1 | $M = 2.84$ | $Mt = 6.1$  
2 | $M = 2.85$ | $Mt = 6.2$  
3 | $M = 2.95$ | $Mt = 6.5$  

**Beta controlled for sex, age, and household income**
### Findings on Happiness & RELIGION

**Correlate Code: R 1**

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<td>3</td>
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<td>M=3.08</td>
<td>Mt=6.9</td>
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- $r=+.07$ $p<.001$
- $r=+.05$ ns
- $tc=+.05$ $p<.001$
- $tc=+.02$ $p<.05$

Beta controlled for sex, age, and household income

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- $r=+.10$ $p<.001$
- $r=+.03$ ns
- $tc=+.08$ $p<.001$
- $tc=+.03$ $p<.05$

Beta controlled for sex, age, and household income

**O-SLW/c/sq/n/10/aa**

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- $r=+.10$ $p<.001$
- $r=+.03$ ns
- $tc=+.08$ $p<.001$
- $tc=+.03$ $p<.05$

Beta controlled for sex, age, and household income
Findings on Happiness & RELIGION

**Study**

**TIMME '97/29**

*Reported in:* Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged general public, Nigeria, 1990

*Sample:*

*Non-Response:*

*N:* 1001

**Measured Correlate**

*Class:* Self-definition as religious  

*Code:* R 1.6.2

*Measurement:* Single question: "Independently of whether you go to church or not, would you say you are....."

1 A convinced atheist

2 Not a religious person

3 A religious person

**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>
| A-BB/cm/mq/v/2/a | DM= | 1 Less than 10 Ss  
2 M=1.41 Mt=6.4  
3 M=1.54 Mt=6.5 |

\[ r=+.06 \text{ ns} \]

\[ tc=+.02 \text{ ns} \]

Beta=+.0 ns  

β controlled for sex, age, and household income

| O-HL/u/sq/v/4/a | DM= | 1 Less than 10 Ss  
2 M=2.19 Mt=4.0  
3 M=2.95 Mt=6.5 |

\[ r=+.16 \text{ p}<.001 \]

\[ tc=+.06 \text{ p}<.001 \]

Beta=+.1 p<.01  

β controlled for sex, age, and household income

| O-SLW/c/sq/n/10/aa | DM= | 1 Less than 10 Ss  
2 M=4.60 Mt=4.0  
3 M=6.47 Mt=6.1 |

\[ r=+.15 \text{ p}<.01 \]

World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & RELIGION

Correlate Code: R 1

$t_c = +.06 \quad p < .001$

$\beta = +.1 \quad p < .01$ \textit{controlled for sex, age, and household income}
### Study

**TIMME '97/30**

**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, Chile 1990

**Sample:**  
**Non-Response:** 1500

### Measured Correlate

**Class:** Self-definition as religious  
**Code:** R 1.6.2

**Measurement:**  
Single question: "Independently of whether you go to church or not, would you say you are....."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person

### Measured Values:

**Error Estimates:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-BB/cm/mq/v/2/a DM=+ | 1 M= .62 Mt=5.6  
2 M= .75 Mt=5.7  
3 M=1.12 Mt=6.1 | r=+.08 p<.01  
tc=+.06 p<.001  
Beta=+.0 p<.001 | controlled for sex, age, and household income  
β controlled for sex, age, and household income  
β controlled for sex, age, and household income |
| O-HL/u/sq/v/4/a DM=+ | 1 M=3.07 Mt=6.9  
2 M=2.86 Mt=6.2  
3 M=3.08 Mt=6.9 | r=+.08 p<.01  
tc=+.06 p<.001  
Beta=+.0 p<.001 | controlled for sex, age, and household income  
β controlled for sex, age, and household income  
β controlled for sex, age, and household income |
| O-SLW/c/sq/n/10/aa DM=+ | 1 M=7.04 Mt=6.7  
2 M=7.21 Mt=6.9  
3 M=7.66 Mt=7.4 | r=+.09 p<.001 |
Findings on Happiness & RELIGION

Code: R 1

tc=+.07  p<.001
Beta=+.0 p<.01  B controlled for sex, age, and household income
Findings on Happiness & RELIGION

**Study**

**TIMME '97/31**

<table>
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<tr>
<th>Reported in:</th>
<th>Timmermans, D.</th>
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<tr>
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<tr>
<td>Population:</td>
<td>18+ aged, general public, Belarus, 1990</td>
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### Measured Correlate

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<tr>
<td>Measurement:</td>
<td>Single question: &quot;Independently of whether you go to church or not, would you say you are.....&quot;</td>
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</tr>
<tr>
<td></td>
<td>1 A convinced atheist</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 Not a religious person</td>
<td></td>
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<td></td>
<td>3 A religious person</td>
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### Measured Values:

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

**Happiness Query**

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<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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</thead>
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<td>A-BB/cm/mq/v2/a</td>
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<td></td>
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<tr>
<td></td>
<td>r=-.08</td>
<td>p&lt;.05</td>
</tr>
<tr>
<td></td>
<td>tc=-.07</td>
<td>p&lt;.01</td>
</tr>
<tr>
<td></td>
<td>Beta=-.0</td>
<td>ns</td>
</tr>
</tbody>
</table>

**O-HL/u/sq/v/4/a**

|                  | DM=+       |         |
|                  | r=-.13     | p<.001  |
|                  | tc=-.11    | p<.001  |
|                  | Beta=-.1   | p<.01   |

**O-SLW/c/sq/n10/aa**

|                  | DM=+       |         |
|                  | r=-.08     | p<.05   |

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 219 of 298
Findings on Happiness & RELIGION

\[ t_c = -.07 \quad p < .05 \]
\[ \beta = -.0 \quad n.s \]

Beta controlled for sex, age, and household income
**Findings on Happiness & RELIGION**  
*Correlate Code: R 1*

---

**Study**  
**TIMME '97/32**  
*Reported in:* Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged general public, India, 1990  
**Sample:**  
**Non-Response:** 2500  
**N:**

---

**Measured Correlate**  
*Class:* Self-definition as religious  
*Code:* R 1.6.2  
*Measurement:*  
Single question: "Independently of whether you go to church or not, would you say you are....."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person

**Measured Values:**

**Error Estimates:**

**Remarks:**

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**Observed Relation with Happiness**

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<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>DM=+</td>
<td>M=1.57  Mt=6.6</td>
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<td>DM=+</td>
<td>M=1.54  Mt=6.5</td>
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<td>DM=+</td>
<td>M=1.76  Mt=6.8</td>
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<td>DM=</td>
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<td>DM=-</td>
<td>M=-1.90 Mt=3.1</td>
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<td>DM=-</td>
<td>M=.78   Mt=5.8</td>
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<td>DM=-</td>
<td>M=.26   Mt=5.3</td>
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<td>M=1.57  Mt=6.6</td>
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<tr>
<td></td>
<td>DM=+</td>
<td>M=1.76  Mt=6.8</td>
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r=+.12 p<.001  
r=+.05 p<.05  
r=+.05 p<.05  
r=-.06 p<.01  
tc=-.05 p<.001

---

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World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & RELIGION

Correlate Code: R 1

<table>
<thead>
<tr>
<th>O-HL/u/sq/v/4/a</th>
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<th>Less than 10 Ss</th>
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<tr>
<td></td>
<td>3</td>
<td>M=2.82</td>
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</table>

| DM=+          | 1    | M=3.00         |
|              | 2    | M=3.12         |
|              | 3    | M=3.32         |

| DM=+          | 1    | M=3.19         |
|              | 2    | M=3.24         |
|              | 3    | M=3.31         |

| DM=+          | 1    | M=3.19         |
|              | 2    | M=3.24         |
|              | 3    | M=3.31         |

| r=+.06       | p<.015 |
| r=+.12       | p<.001 |
| r=+.01       | ns     |
| r=+.06       | p<.015 |
| tc=+.05      | p<.001 |
| tc=+.07      | p<.001 |
| tc=+.0       | ns     |
| tc=+.1       | p<.001 |
| tc=+.0       | ns     |
| tc=+.0       | ns     |

| O-SLW/c/sq/n/10/aa | DM=+  | M=3.84         |
|                    | 2     | M=6.70         |
|                    | 3     | M=6.18         |

| DM=+          | 1    | M=7.18         |
|              | 2    | M=7.30         |
|              | 3    | M=7.62         |

<p>| DM=+          | 1    | M=7.18         |
|              | 2    | M=7.30         |
|              | 3    | M=7.62         |</p>
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<thead>
<tr>
<th>DM</th>
<th>M</th>
<th>Mt</th>
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<tr>
<td>1</td>
<td>6.96</td>
<td>6.6</td>
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<tr>
<td>2</td>
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<td>7.0</td>
</tr>
<tr>
<td>3</td>
<td>7.81</td>
<td>7.6</td>
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</table>

- $r = +.09$, $p < .001$
- $r = -.04$, $p < .05$
- $r = +.11$, $p < .001$
- $r = +.09$, $p < .001$
- $tc = +.09$, $p < .001$
- $tc = +.09$, $p < .001$
- $tc = +.07$, $p < .001$
- $tc = -.04$, $p < .001$

$\beta$ controlled for sex, age, and household income

<table>
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<tr>
<th>DM</th>
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<th>Mt</th>
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</thead>
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<tr>
<td>1</td>
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<td>6.6</td>
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<tr>
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<td>7.29</td>
<td>7.0</td>
</tr>
<tr>
<td>3</td>
<td>7.81</td>
<td>7.6</td>
</tr>
</tbody>
</table>

- $r = +.09$, $p < .01$
- $r = -.0$, ns
- $r = +.1$, $p < .001$
- $r = +.0$, $p < .01$
Findings on Happiness & RELIGION  

Study: TIMME '97/33  
Reported in: Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  
Population: 18+ aged, general public, Czechoslovakia, 1990  
Sample:  
Non-Response: 1396  

Measured Correlate  
Class: Self-definition as religious  
Code: R 1.6.2  
Measurement: Single question: "Independently of whether you go to church or not, would you say you are...."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person  

Measured Values:  
Error Estimates:  
Remarks:  

Observed Relation with Happiness  

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<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<td>Mt=5.7</td>
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<td>M= .85</td>
<td>Mt=5.8</td>
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<td>r=+.04 ns</td>
<td>tc=+.04 p&lt;.05</td>
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<tr>
<td></td>
<td>Beta=+.0 ns</td>
<td>B controlled for sex, age, and household income</td>
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<td>O-HL/u/sq/v/4/a</td>
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Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
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Findings on Happiness & RELIGION

\[ t = +0.02 \quad \text{ns} \]

\[ \text{Beta} = +0.0 \quad \text{ns} \quad \text{controlled for sex, age, and household income} \]
Findings on Happiness & RELIGION  Correlate Code: R 1

**Study**  TIMME '97/34  Page in Report: 

**Reported in:** Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, East Germany, 1990

**Sample:**

**Non-Response:**

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**Measured Correlate**

**Class:** Self-definition as religious  Code: R 1.6.2

**Measurement:** Single question: "Independently of whether you go to church or not, would you say you are...."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person

**Measured Values:**

**Error Estimates:**

**Observed Relation with Happiness**

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<th>Statistics</th>
<th>Remarks</th>
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<td>tc=+.02 ns</td>
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Findings on Happiness & RELIGION

Correlate Code: R 1

tc=+.12  p<.001

Beta=+.1  p<.001  & controlled for sex, age, and household income
Findings on Happiness & RELIGION


Population: 18+ aged, general public, Slovenia, 1990

Sample:

Non-Response: 1035

Measured Correlate

Class: Self-definition as religious Code: R 1.6.2

Measurement: Single question: "Independently of whether you go to church or not, would you say you are....."

1. A convinced atheist
2. Not a religious person
3. A religious person

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<tr>
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<td>DM=+</td>
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<td>M=5.57, Mt=5.1, r=-.05 ns</td>
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</table>

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 228 of 298
Findings on Happiness & RELIGION

\[ t_c = -0.04 \quad \text{ns} \]
\[ \beta = -0.0 \quad \text{ns} \quad \text{controlled for sex, age, and household income} \]
Findings on Happiness & RELIGION

Study

TIMME '97/36

Reported in: Timmermans, D.
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

Population: 18+ aged, general public, Bulgaria, 1990

Sample:
Non-Response:
N: 1034

Measured Correlate

Class: Self-definition as religious Code: R 1.6.2

Measurement:
Single question: "Independently of whether you go to church or not, would you say you are....."
1 A convinced atheist
2 Not a religious person
3 A religious person

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query

Statistics Remarks
O-HL/u/sq/v/4/a DM=+
1 M=2.34 Mt=4.5
2 M=2.35 Mt=4.5
3 M=2.31 Mt=4.4
r=-.02 ns
tc=+.03 p<.05
Beta=+.0 ns β controlled for sex, age, and household income

O-SLW/c/sq/n/10/aa DM=+
1 M=5.57 Mt=5.1
2 M=5.02 Mt=4.5
3 M=4.99 Mt=4.4
r=-.05 ns
tc=-.04 ns
Beta=-.0 ns β controlled for sex, age, and household income
Findings on Happiness & RELIGION  

**Study**  TIMME '97/37  
**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  
**Population:** 18+ aged, general public, Romania, 1990  
**Sample:**  
**Non-Response:**  
**N:** 1103  

**Measured Correlate**  
**Class:** Self-definition as religious  
**Code:** R 1.6.2  
**Measurement:** Single question: "Independently of whether you go to church or not, would you say you are....."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person  

**Observed Relation with Happiness**  
**Happiness Query**  
**Statistics**  
**Remarks**  
A-BB/cm/mq/v/2/a DM=+  
1 M=1.64 Mt=6.6  
2 M=.67 Mt=5.7  
3 M=.72 Mt=5.7  
r=-.01 ns  
tc=-.00 ns  
Beta=+.0 ns  
controlled for sex, age, and household income  
O-HL/u/sq/v/4/a DM=+  
1 M=2.71 Mt=5.7  
2 M=2.63 Mt=5.4  
3 M=2.63 Mt=5.4  
r=-.01 ns  
tc=-.00 ns  
Beta=+.0 ns  
controlled for sex, age, and household income  
O-SLW/c/sq/n/10/aa DM=+  
1 M=6.43 Mt=6.0  
2 M=5.87 Mt=5.4  
3 M=5.89 Mt=5.4  
r=-.01 ns
Findings on Happiness & RELIGION  Correlate Code: R 1

tc= -.00  ns
Beta= +.0 ns  B controlled for sex, age, and household income
Findings on Happiness & RELIGION

**Study**

**TIMME '97/39**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged, general public, China, 1990

**Measured Correlate**

**Class:** Self-definition as religious  
**Code:** R 1.6.2

**Measurement:**

*Single question: “Independently of whether you go to church or not, would you say you are.....”*

1. A convinced atheist
2. Not a religious person
3. A religious person

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

**Happiness Query**

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

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r=-.10  p<.001

tc=-.10  p<.001

Beta=-.1  p<.001  β controlled for sex, age, and household income

**O-HL/u/sq/v/4/a**

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tc=-.08  p<.001

Beta=-.1  p<.001  β controlled for sex, age, and household income

**O-HL/u/sq/v/4/b**

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r=-.14  p<.001

Print date: 7-2-2003

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

Page 233 of 298
Findings on Happiness & RELIGION

\[ tc = -0.14 \quad p < 0.001 \]

\[ \text{Beta} = -0.1 \quad p < 0.001 \quad \text{Beta controlled for sex, age, and household income} \]
Findings on Happiness & RELIGION Correlate Code: R 1

Single question: "Independently of whether you go to church or not, would you say you are....."

1   A convinced atheist
2   Not a religious person
3   A religious person

Measured Correlate

Class: Self-definition as religious   Code: R 1.6.2
Measurement: Single question: "Independently of whether you go to church or not, would you say you are...."
1   A convinced atheist
2   Not a religious person
3   A religious person

Observed Relation with Happiness

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</table>
Findings on Happiness & RELIGION

\[ t_c = -0.03 \quad \text{ns} \]

\[ \text{Beta} = -0.0 \quad \text{ns} \quad \text{controlled for sex, age, and household income} \]
Findings on Happiness & RELIGION

**Study**

**TIMME '97/44**

**Page in Report:**

**Reported in:** Timmermans, D.

Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991

Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

**Population:** 18+ aged general public, Turkey, 1990

**Sample:**

**Non-Response:**

*N:* 1030

---

**Measured Correlate**

**Class:** Self-definition as religious  **Code:** R 1.6.2

**Measurement:**

Single question: "Independently of wether you go to church or not, would you say you are.....

1 A convinced atheist
2 Not a religious person
3 A religious person

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

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Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 237 of 298
### Findings on Happiness & RELIGION

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- $r=+.13$ p<.001
- $r=+.06$ p<.015
- $tc=+.09$ p<.001
- $tc=+.05$ p<.001
- Beta=+.1 p<.001  & controlled for sexe, age, and household income
- Beta=+.0 p<.01   & controlled for sexe, age, and household income

### O-SLW/c/sq/n/10/aa

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- $r=+.07$ p<.05
- $r=+.09$ p<.001
- $tc=+.09$ p<.001
- $tc=+.05$ p<.05
- Beta=+.1 p<.01  & controlled for sexe, age, and household income
- Beta=+.0 p<.01  & controlled for sexe, age, and household income
Findings on Happiness & RELIGION  

**Study**  
**TIMME ’97/46**  

**Reported in:** Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997  

**Population:** 18+ aged, general public, Lithuania, 1990  

**Sample:**  
**Non-Response:**  

**N:** 1000  

---

**Measured Correlate**  

**Class:** Self-definition as religious  
**Code:** R 1.6.2  

**Measurement:**  
Single question: "Independently of whether you go to church or not, would you say you are....."  
1  A convinced atheist  
2  Not a religious person  
3  A religious person  

**Measured Values:**  

**Error Estimates:**  

**Remarks:**  

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**Observed Relation with Happiness**  

**Happiness Query**  
**Statistics**  
**Remarks**  

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Beta controlled for sex, age, and household income.
tc=+.00 ns
Beta=+.0 ns  β controlled for sex, age, and household income
Study | TIMME '97/47  
---|---
**Reported in:** | Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997
**Population:** | 18+ aged, general public, Latvia, 1990
**Sample:** |  
**Non-Response:** | 903

### Measured Correlate

**Class:** | Self-definition as religious  
**Code:** | R 1.6.2
**Measurement:** | Single question: "Independently of whether you go to church or not, would you say you are...."  
1 A convinced atheist  
2 Not a religious person  
3 A religious person

### Measured Values

**Observed Relation with Happiness**

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2 | M=1.04 | Mt =6.0  
3 | M= .91 | Mt =5.9  
| r=-.02 | ns |  
| tc=-.01 | ns |  
| Beta=0 | ns | β controlled for sex, age, and household income |
| O-HL/u/sq/v/4/a | DM=+ |  
1 | M=2.67 | Mt =5.6  
2 | M=2.51 | Mt =5.0  
3 | M=2.53 | Mt =5.1  
| r=-.01 | ns |  
| tc=+.00 | ns |  
| Beta=+.0 | ns | β controlled for sex, age, and household income |
| O-SLW/c/sq/n/10/aa | DM=+ |  
1 | M=5.53 | Mt =5.0  
2 | M=5.63 | Mt =5.1  
3 | M=5.760 | Mt =5.3  
| r=+.03 | ns |
Findings on Happiness & RELIGION

$t_c = +.03$  ns

$\beta = +.0$  ns  \textit{controlled for sex, age, and household income}
**Study**

**TIMME '97/48**

**Page in Report:**

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| Sample: | |
|---------||

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**Measured Correlate**

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<tr>
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**Measurement:**

Single question: "Independently of whether you go to church or not, would you say you are.....

1. A convinced atheist
2. Not a religious person
3. A religious person

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

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Findings on Happiness & RELIGION

$tc=-.08 \quad p<.01$

$\beta=-.1 \quad p<.01$  

$\beta$ controlled for sex, age, and household income
Findings on Happiness & RELIGION  

**Correlate Code: R 1**

### Study

**TIMME '97/50**

*Reported in:* Timmermans, D.  
Correlates of Happiness in 42 nations: analysis of the WorldValues Study 1990 - 1991  
Working paper, Erasmus University Rotterdam, Department of Sociology, February 1997

*Population:* 18+ aged, general public, Russia, 1990

*Sample:

*Non-Response:*

*N: 1961*

### Measured Correlate

*Class:* Self-definition as religious  
*Code: R 1.6.2*

*Measurement:*

Single question: "Independently of whether you go to church or not, would you say you are....."

1 A convinced atheist  
2 Not a religious person  
3 A religious person

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

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</tr>
<tr>
<td>1</td>
<td>M=2.69</td>
<td>Mt=5.6</td>
</tr>
<tr>
<td>2</td>
<td>M=2.54</td>
<td>Mt=5.1</td>
</tr>
<tr>
<td>3</td>
<td>M=2.31</td>
<td>Mt=5.0</td>
</tr>
<tr>
<td>r=-.06</td>
<td>p&lt;.01</td>
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<tr>
<td>tc=-.04</td>
<td>p&lt;.05</td>
<td></td>
</tr>
<tr>
<td>Beta=-.0</td>
<td>ns</td>
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</tr>
<tr>
<td>β controlled for sex, age, and household income</td>
<td></td>
<td></td>
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<tr>
<td><strong>O-SLW/c/sq/n/10/aa</strong></td>
<td>DM=+</td>
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<tr>
<td>1</td>
<td>M=5.86</td>
<td>Mt=5.4</td>
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<td>2</td>
<td>M=5.37</td>
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<td>3</td>
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<td>Mt=4.8</td>
</tr>
<tr>
<td>r=-.05</td>
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Findings on Happiness & RELIGION

\[ tc=-.04 \quad p<.05 \]

\[ \text{Beta}=-.0 \quad \text{ns} \]

\textit{\textbf{Beta controlled for sex, age, and household income}}
Findings on Happiness & RELIGION

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
- **Population:** 18+ aged, general public, non-institutionalized, USA, 1972/75
- **Sample:**
- **Non-Response:** 24%
- **N:** 1297

**Measured Correlate**

- **Class:** Satisfaction with religion  Code: R 1.6.3
- **Measurement:** Closed question: "How do you feel about your religious faith?"
  Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**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-DT/u/sqt/v/7/a</td>
<td>E²=+.24</td>
<td>Unaffected by sex</td>
</tr>
</tbody>
</table>
# Findings on Happiness & RELIGION

**Correlate Code: R 1**

## 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

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

*Sample:*

*Non-Response:* 24%

*N:* 1297

## Measured Correlate

*Class:* Satisfaction with religion  
*Code:* R 1.6.3

*Measurement:* Closed question: "How do you feel about your religious faith?"  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

*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-DT/u/sqt/v/7/a</td>
<td>$E^2=+.24$</td>
<td>Unaffected by sex</td>
</tr>
</tbody>
</table>

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

**ANDRE 1976/4**

**Reported in:** Andrews, F.M. & Withey, S.B.

Social Indicators of Well-being: Americans' Perceptions of Life Quality

Plenum Press, 1976, New York, USA

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

**Sample:**

**Non-Response:** 26%

**N:** 1433

### Measured Correlate

**Class:** Satisfaction with religion  
**Code:** R 1.6.3

**Measurement:**

Closed question: "How do you feel about the religious fulfillment in your life?"

Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**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-BW/cy/sq/l9/a</td>
<td>r=+.20</td>
<td></td>
</tr>
</tbody>
</table>
### Study

**ANDRE 1976/4**

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

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

**Sample:**

**Non-Response:** 26%

**N:** 1433

### Measured Correlate

**Class:** Satisfaction with religion  Code: R 1.6.3

**Measurement:**
- Closed question: "How do you feel about the religious fulfillment in your life?"
- Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**Measured Values:**

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<th>Remarks</th>
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<tbody>
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<td>O-DT/u/sqt/v/7/a</td>
<td>E² = .33</td>
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</table>
### Study

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

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

**Sample:**  
**Non-Response:** 26%  
**N:** 1433  

### Measured Correlate

**Class:** Satisfaction with religion  
**Code:** R 1.6.3  

**Measurement:**  
Closed question: "How do you feel about the religious fulfillment in your life?"  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted  

**Measured Values:**  
**Error Estimates:**  
**Remarks:**  

### Observed Relation with Happiness

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<tr>
<th>Happiness Query</th>
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<tbody>
<tr>
<td>O-BW/cy/sq/l/9/a</td>
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<tr>
<td>Study</td>
<td>ANDRE 1976/4</td>
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<td>-------</td>
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<td>Plenum Press, 1976, New York, USA</td>
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<tr>
<td>Population:</td>
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<tr>
<td>Sample:</td>
<td></td>
<td></td>
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<tr>
<td>Non-Response:</td>
<td>26%</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>1433</td>
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</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class</th>
<th>Satisfaction with religion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>R 1.6.3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Closed question: &quot;How do you feel about the religious fulfillment in your life?&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted</td>
</tr>
</tbody>
</table>

### Measured Values:

| Error Estimates | |

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-DT/u/sqrt/v/7/a</td>
<td>E²=+.33</td>
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</tbody>
</table>
Findings on Happiness & RELIGION

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

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

Sample:
Non-Response:
N: 222

Measured Correlate

Class: Satisfaction with religion Code: R 1.6.3

Measurement:
2-item index of questions "How do you feel about....?"
1. the religious fulfillment in your life
2. your religious faith
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/
mixed/ mostly satisfied/ pleased/ delighted

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
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<td>A-BB/cm/mq/v/2/a</td>
<td>r=+.17</td>
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<td>O-BW/cy/sq/l/9/a</td>
<td>r=+.02</td>
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<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>r=+.21</td>
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<td>O-HL/c/sq/v/3/aa</td>
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<tr>
<td>O-SLW/u/sq/f/7/a</td>
<td>r=+.20</td>
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</table>

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

### Measured Correlate

*Class:* Satisfaction with religion  
*Code:* R 1.6.3  
*Measurement:* 2-item index of questions "How do you feel about....?"  
1. the religious fulfillment in your life  
2. your religious faith  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### Measured Values

### Error Estimates

### Remarks

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<tr>
<td>A-BB/cm/mq/v/2/a</td>
<td>r=+.17</td>
<td></td>
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<tr>
<td>O-BW/cy/sq/l/9/a</td>
<td>r=+.02</td>
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<tr>
<td>O-DT/u/sq/v/7/a</td>
<td>r=+.21</td>
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<tr>
<td>O-HL/u/sq/v/7/b</td>
<td>r=+.17</td>
<td></td>
</tr>
<tr>
<td>O-SLW/u/sq/f/7/a</td>
<td>r=+.20</td>
<td></td>
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</table>
Findings on Happiness & RELIGION

**Study**

**ANDRE 1976/6**

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

**Population:** 18+ aged, general public, non-institutionalized, USA, 1972-73

**Sample:**

**Non-Response:**

*N:* 1072+1433+222

**Measured Correlate**

<table>
<thead>
<tr>
<th>Class:</th>
<th>Satisfaction with religion</th>
<th>Code: R 1.6.3</th>
</tr>
</thead>
</table>

**Measurement:**

- Index of closed questions, asked in different samples: "How do you feel about..."  
  1. your religious faith (asked in July 1973)  
  2. the religious fulfillment in your life (asked in April 1973 and July 1973)?"  
- Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

**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-DT/u/sqt/v/7/a</td>
<td>r=+.27</td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION  
Correlate Code: R 1

### Study

**ANDRE 1976/6**  
**Reported in:** Andrews, F.M. & Withey, S.B.  
Social Indicators of Well-being: Americans' Perceptions of Life Quality  
Plenum Press, 1976, New York, USA  
**Population:** 18+ aged, general public, non-institutionalized, USA, 1972-73  
**Sample:**  
**Non-Response:**  
\[ N: 1072+1433+222 \]

### Measured Correlate

**Class:** Satisfaction with religion  
**Code:** R 1.6.3  
**Measurement:** Index of closed questions, asked in different samples: 'How do you feel about...  
1. your religious faith (asked in July 1973)  
2. the religious fulfillment in your life (asked in April 1973 and July 1973)?'  
Rated on a 7-point scale: terrible/ unhappy/ mostly dissatisfied/ mixed/ mostly satisfied/ pleased/ delighted

### Measured Values

### Error Estimates

### Remarks

### Observed Relation with Happiness

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>O-DT/u/sqt/v/7/a</td>
<td>r=+.27</td>
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**Study**  
**BALAT 1993**  
Reported in: Balatsky, G. & Diener, E.  
Subjective well-being among Russian students.  
Population: Students, Moscow and Glazov (Ural), Russia, 1990  
Sample: Non-probability chunk sample  
Non-Response: not reported  
N: 116

**Measured Correlate**  
Class: Satisfaction with religion  
Code: R 1.6.3  
Measurement: Single question: "How do you feel about your religion right now?".  
Rated on 7-point scale from:  
1. Terrible......to  
7. Delighted.  
Measured Values: M= 5.81; SD= 2.06  
Error Estimates:  
Remarks:  

**Observed Relation with Happiness**  

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<tr>
<td>O-DT/c/sq/v/7/b</td>
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<td>O-DT/u/sq/v/7/a</td>
<td>r=-.14</td>
<td>ns</td>
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</table>
Study  
**BENNE 1971**  
*Reported in:* Bennett, F.A.  
Avowed happiness in communities of religious women  
Unpublished Phd. dissertation, University of Utah, 1971, USA  
*Population:* Nuns, Catholic congregations, USA, 1969  
*Sample:*  
*Non-Response:* 11.5%  
*N:* 963  

Measured Correlate  
*Class:* Satisfaction with religion  
*Code:* R 1.6.3  
*Measurement:* Single direct question: "How would you describe your usual feeling about the daily spiritual exercises that you are expected to perform?", I find them very satisfying, I find them somewhat satisfying and I get little human satisfaction or enjoyment from them.  

Measured Values:  
*Error Estimates:*  
*Remarks:*  

Observed Relation with Happiness  
*Happiness Query*  
*Statistics*  
*Remarks*  
O-HL/c/sq/v/3/f G=+.50 p<.001
Findings on Happiness & RELIGION

Study: BHARA 1977

Reported in: Bharadwaj, L. & Wilkening, E.A.
The prediction of perceived well-being
Social Indicators Research, 1977, vol 4, 421-439

Population: 18+ aged, general public, Wisconsin, USA, 197?

Sample: 12%
N: 1423

Non-Response: 12%

Measured Correlate

Class: Satisfaction with religion Code: R 1.6.3

Measurement: direct closed question rated on a 7-point scale, ranging from 'completely satisfied' to 'completely dissatisfied'.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
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<th>Happiness Query</th>
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<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-SLW/u/sqt/v/7/a</td>
<td>r=+.3?</td>
<td>Beta=ns</td>
</tr>
</tbody>
</table>

All ß's controlled for satisfaction with family-life, standard of living, work, health, spare time activities, income, community, housing, food, education, organizational involvement, natural environment, national government.

AGE
under 30 ß: ns under $4000 ß: ns
30-49 ß: .11 $4000-7999 ß: ns
50-64 ß: ns $8000-15999 ß: ns
over 65 ß: .14 over $16000 ß: .11

GENDER
males ß: ns
females ß: .08
Study  
**FORTI 1983**

*Reported in:* Th.J. Forti, M.S. Hyg  
A Documented Evaluation of Primary Prevention through Consultation  
Community Mental Health Journal, 1983, p 290-304

*Population:* Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981

*Sample:*  
Non-Response: T1: 18%, T2: 14%, T3: 23%  
N: T1: 146, T2: 154, T3: 137

---

**Measured Correlate**

*Class:* Satisfaction with religion  
Code: R 1.6.3

*Measurement:* Single closed question: 'How do you feel about Catholic faith?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) Neither. (order reversed)

*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-DT/u/sq/1/7/a  | r = +  | T1: 1977  r = + .34  
|                 |           | T2: 1979  r = + .42  
|                 |           | T3: 1981  r = + .38  |

Both variables assessed at T1, T2, and T3. Correlation concerns same time measures.
Findings on Happiness & RELIGION Correlate Code: R 1

Study FORTI 1983

Reported in: Th.J. Forti, M.S. Hyg
A Documented Evaluation of Primary Prevention through Consultation
Community Mental Health Journal, 1983, p 290-304

Population: Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981

Sample:
Non-Response: T1: 18%, T2: 14%, T3: 23%
N: T1: 146, T2: 154, T3: 137

Measured Correlate

Class: Satisfaction with religion Code: R 1.6.3
Measurement: Single closed question: 'How do you feel about religious fulfillment?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) Neither. (order reversed)

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/u/sq/t7/a r=+ T1: 1977 r = +.44 (01)
T2: 1979 r = +.50 (01)
T3: 1981 r = +.44 (01)
Both variables assessed at T1, T2, and T3.
Correlation concerns same time measures.
Findings on Happiness & RELIGION

**Study**  
**FORTI 1983**

**Reported in:** Th.J. Forti, M.S. Hyg  
A Documented Evaluation of Primary Prevention through Consultation  
Community Mental Health Journal, 1983, p 290-304

**Population:** Catholic nuns, re-organized cloister, followed 4 years, Louisiana, USA, 1977-1981

**Sample:**

**Non-Response:** T1: 18%, T2: 14%, T3: 23%

**N:** T1: 146, T2: 154, T3: 137

**Measured Correlate**

**Class:** Satisfaction with religion  
Code: R 1.6.3

**Measurement:** Single closed question: 'How do you feel about Catholic faith?', rated on a 7-point Delighted-Terrible scale, ranging from (1) Delighted to (7) Terrible, (8) neither. (order reversed)

**Measured Values:**

**Error Estimates:**

**Remarks:**

**Observed Relation with Happiness**

**Happiness Query**  
O-DT/u/sq/1/7/a

**Statistics**

T1: 1977 \( r = +.34 \) (01)  
T2: 1979 \( r = +.42 \) (01)  
T3: 1981 \( r = +.38 \) (01)

Both variables assessed at T1, T2, and T3.  
Correlation concerns same time measures.

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Study: HADAW 1978

Reported in: Hadaway, C.K.
Life satisfaction and religion: a reanalysis

Population: 18+ aged, general public, non-institutionalized, USA, 1971

Sample:

Non-Response:
N: 2164

Measured Correlate

Class: Satisfaction with religion
Code: R 1.6.3

Measurement: Self-rating scale in which the respondent rates the amount of satisfaction he receives from his religion on a 7-point scale varying from "a very great deal" to "none"

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-SLu/c/sq/n/7/b</td>
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<td>r=+.21 p&lt;.01</td>
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<tr>
<td>O-SLW/c/sq/n/7/a</td>
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<td>r=+.14 p&lt;.01</td>
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</table>

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Findings on Happiness & RELIGION

Correlate Code: R 1

Study

HALL 1973

Reported in: Hall, J.
Measuring the quality of life using sample surveys.
Amsterdam, The Netherlands.

Population: Adults, general public, Britain, 1971

Sample:

Non-Response:

N: 593

Measured Correlate

Class: Satisfaction with religion Code: R 1.6.3

Measurement: Question rated on a 7-point self-anchoring scale, based on Cantril (1965)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-SLW/c/sq/l/7/a r=+.05
### Study

**HALL 1973**

**Reported in:** Hall, J.

Measuring the quality of life using sample surveys.


**Population:** Adults, general public, Britain, 1971

**Sample:**

**Non-Response:**

**N:** 593

---

### Measured Correlate

**Class:** Satisfaction with religion  
Code: R 1.6.3

**Measurement:** Question rated on a 7-point self-anchoring scale, based on Cantril (1965)

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

### Observed Relation with Happiness

**Happiness Query**  
Statistics  
Remarks

O-SLW/c/sq/l/7/a  
$r=+.05$
Findings on Happiness & RELIGION

Study

MICHA 1982

Reported in: Michalos, A.C.
The satisfaction and happiness of some senior citizens in rural Ontario

Population: 60+ aged, rural townships, Southern Huron County, Ontario, Canada, 198?

Sample: 37%
N: 392

Measured Correlate

Class: Satisfaction with religion Code: R 1.6.3
Measurement: Closed question on spiritual fulfillment rated on a 7-point scale

Measured Values:

Error Estimates:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-DT/c/sq/v7/aa Beta=+.1
All B's controlled for satisfaction with family life, friendships, financial security, self esteem, spouse, health, transportation, recreation, housing, area you live in, government services; and for sex, age, formal education.
Males: N:149 ß:+.11
Females N:121 ß:+.18
Farmer N:130 ß:+.21
Non-farmer N:141 ß:+.08
Aged 60-74 N:170 ß:+.07
Aged 75-up N:121 ß:+.25

O-HL/u/sq/v7/a Beta=+.0
All B's are controlled for satisfaction with family life, friendships, financial security, self-esteem, spouse, health, transportation, recreation, housing, area you live in, government services; and for sex, age and education.
Males N:149 ß: ns
Females N:121 ß:+.03
Farmers N:130 ß:+.14
Non-farmers N:141 ß:-.06
Age 60-74 N:170 ß:-.01
Age 75-up N:102 ß:+.09
Findings on Happiness & RELIGION Correlate Code: R 1

Study  MICHA 1983  
Reported in: Michalos, A.C.  
Satisfaction and happiness in a rural northern resource community  
Population: 18+ aged, rural community, N. Ontario, Canada, 1982  
Sample:  
Non-Response: 8%  
N: 598  

Measured Correlate  
Class: Satisfaction with religion  Code: R 1.6.3  
Measurement: Closed question on spiritual fulfillment, rated on a 7-point scale  
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-DT/c/sq/v7/aa  | Beta=+.0   | All β's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, housing, area you live in, recreation activity, self esteem, transportation, government services, and for the demographic factors: sex, age, language, work status, marital status, time in area.  
Males: N: 173  β: +.04  
Females: N: 154  β: +.10 |
| O-HL/u/sq/v7/a   | Beta=+.0   | All β's controlled for satisfaction with health, financial security, family relations, paid employment, friendships, housing, area you live in, recreation activity, self esteem, transportation, government services; and for sex, age, formal education, language, work status, marital status, time in area.  
Males: N: 173  β: +.01  
Females: N: 154  β: +.06 |
Findings on Happiness & RELIGION

Correlate Code: R 1

Study

MICHA 1985

Reported in:
Michalos, A.C.
Multiple Discrepancies Theory
Social Indicators Research vol 16 (1985) p.347-413

Population:
Students undergraduates University of Guelph, Canada, 1984

Sample:
Non-Response: 18%
N: 700

Measured Correlate

Class:
Satisfaction with religion Code: R 1.6.3

Measurement:
Closed question on spiritual fulfillment, rated on a 7 point scale. 1: terrible...7: delightful.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-DT/c/sq/v7/aa Beta =. ns Males N:140 ns Females N:149 ß=+.16 (01)

ß's controlled for satisfaction with:
health, financial security, family relations, paid employment, friendships, housing, recreation, self esteem and education
**Findings on Happiness & RELIGION**

**Correlate Code: R 1**

---

### Study

**WESSM 1956**

**Reported in:** Wessman, A.E.

A psychological inquiry into satisfaction and happiness


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

**Sample:**

**Non-Response:** -

**N:** 2377

---

### Measured Correlate

**Class:** Satisfaction with religion  Code: R 1.6.3

**Measurement:**

Direct question: "Do you get much consolation and help from your religion?"

0 No
1 Yes

---

### Observed Relation with Happiness

**Happiness Query**

**Statistics**

O-HL/g/sq/v/3/c  G=+.27  p<.01

---

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Study  | BENNE 1971
---|---
Reported in: | Bennett, F.A.
Avowed happiness in communities of religious women
Unpublished Phd. dissertation, University of Utah, 1971, USA
Population: | Nuns, Catholic congregations, USA, 1969
Sample: | 
Non-Response: | 11.5%
N: | 963

Measured Correlate

Class: | Religious climate in family
Code: | R 1.7.1
Measurement: | Single direct question: "How did your family accept your entrance into religious life?". Strongly opposed, somewhat opposed, mixed reaction, approved and strongly approved.

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-HL/c/sq/v/3/f</td>
<td>r=-.14</td>
<td>ns</td>
</tr>
</tbody>
</table>
Findings on Happiness & RELIGION  Correlate Code: R 1

Study  
ROSEN 1962  

Reported in: Rosenberg, M.  
The dissonant religious context and emotional disturbance  
Population: High school pupils, New York, USA,1960  
Sample:  
Non-Response: 1% because of inadequate answers  
N: 1618  

Measured Correlate  
Class: . social acceptance of one's religion  
Measurement: Open-ended direct question: "When you were a child, were you ever teased or called names by other children because of your religion?", to assess the degree of experienced discrimination (never, ever).  
Measured Values:  
Error Estimates:  
Remarks:  

Observed Relation with Happiness  
Happiness Query  

<table>
<thead>
<tr>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-AO/g/mq/v/5/a G=-.23 p&lt;.05</td>
<td>Stronger among Protestants and Catholics than among Jews (G respectively -.37, -.31, -.06).</td>
</tr>
<tr>
<td>G=-.23 p&lt;.05</td>
<td>Stronger among Protestants and Catholics than among Jews (G respectively -.37, -.31, -.06).</td>
</tr>
<tr>
<td>tb=-.07</td>
<td></td>
</tr>
</tbody>
</table>

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Findings on Happiness & RELIGION Correlate Code: R 1

The neighbourhood where one lived (longest) when one grew up was rated as either “dissonant” or “consonant” on the basis of a direct open question on the religious affiliation of most of the people in that neighbourhood (more than 50% different from one’s own religion rated “dissonant”, less than 50% “mixed” or “consonant”).

ROSEN 1962

Measurement:
0 Mixed/Consonant
1 Dissonant neighbourhood

The dissonant religious context and emotional disturbance
Rosenberg, M.

Sample: High school pupils, New York, USA, 1960
Non-Response: 1% because of inadequate answers
N: 1618

Measured Correlate

Class: Social acceptance of one’s religion Code: R 1.7.3.1
Measurement:

The neighbourhood were one lived (longest) when one grew up was rated as either “dissonant” or “consonant” on the basis of a direct open question on the religious affiliation of most of the people in that neighbourhood (more than 50% different from one’s own religion rated “dissonant”, less than 50% “mixed” or “consonant”).

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
M-AO/g/mq/v/5/a G=-.24 p<.01 Stronger among Protestants and Jews than among Catholics (G’ respectively -.40, -.36, -.07).

Lower when controlled for recall of prejudice experience.

Variable with cultural similarity:
- Catholics who grew up in Protestant area happier than those who grew up in Jewish area;
- Protestants who grew up in Catholic area happier than those who grew up in Jewish area;
- Jews who grew up in Protestant area happier than those who grew up in Catholic area.

tb=-.08

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Appendix 1  Queries on Happiness used in reported Studies

Happiness Query Code  Full Text

A-ASA/?/mq/v/4/a  Self report on 4 questions:

A .....feel happy ......
B .....feel delighted ......
C .....feel joyful ......
D .....feel elated ......
(Full questions not reported)

Response options:
1 never
2 seldom
3 often
4 very often

Summation: ?

A-BB/cm/mq/v/2/a  Self-report 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/cw/mq/v/4/e  Self report 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-BC/cm/mg/v/4/a
Selfreport on 13 questions:
"During the past month, did you ever feel.....?"

A. Exited or pleased about something you were doing
B. That important things in life are going your way
C. Happy, satisfied, or pleased with your personal life.
D. Exited or pleased with something you did or a problem you solved
E. That you have a lot of friends you can count on
F. Nervous or tense
G. So restless and irritated you couldn't sit still
H. Down-hearted or depressed
I. Felt concerned or worried about your health
J. Guilty about something you shouldn't have done
K. Unable to get a good night's sleep
L. That your mind was not working the way it should
M. Miserable or discouraged about your future

Answer options:
1 none of the time
2
3
4 most of the time
Summation:
Positive Affect Scale (PAS): A+B+C+D+E
Negative Affect Scale (NAS): F+G+H+I+J+K+L+M
Affect Balance Scale (ABS): PAS minus NAS
Possible range: -32 to +20

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

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

Selfreport on single question:

"How would you rate yourself as to how successful or unsuccessful you have been in terms of achieving your own goals and aims in life? Think of the top of the ladder as being completely successful, the bottom being entirely unsuccessful."

[ 10 ] completely succesfull
[  9 ]
[  8 ]
[  7 ]
[  6 ]
[  5 ]
[  4 ]
[  3 ]
[  2 ]
[  1 ]
[  0 ] entirely unuscesfull

Selfreport on 6 questions:

A On the whole, how happy would you say you are?
B On the whole, I think I am a quite happy person.
C In general, how would you say you feel most of the time -in good or in low spirits?
D I get a lot of fun out of life.
E I wish I could be as happy as others seem to be.
F How often do you feel downcast and rejected?
Response options: not reported

The items of this scale were randomly distributed in the questionnaire.

Name: Rosen 'Depressive Affect Scale'

Selfreport on multiple questions:

Questions indicated both happiness and a sense of contentment and well-being (Full questions not reported)

Summation: not reported

Name: 'Happiness subtest' of Wasburne's 'Social Adjustment Scale'.

Selfreport on single question:

"Do you feel.....?"
3 happy
2 not too happy
1 unhappy

Original text in Dutch:
"Voelt u zichzelf ......?"
c gelukkig
b niet zo gelukkig
a ongelukkig

Clinical rating by 4 experts on the basis of multi-method assessments during periodical stays in assessment center.

Rater instruction:
"To what extend does this person find pleasure in life at the present time...........?"
1 low
2
3 average
4
5 high

Selfreport on single question:

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

[ 10 ] best possible life for you
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ] worst possible life for you
Name: Cantril's selfanchoring ladder rating of life (adapted version)

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 ] worst possible life

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

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

Selfreport on single question:

"Here is a picture of a ladder. At the bottom of the ladder is the worst life you might reasonably expect to have. At the top is the best life you might expect to have. Of course, life from week to week falls somewhere in between. Where was your life most of the time during the past year?"

[ 9 ] best life you might expect to have
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ] worst life you might expect to have

Name: Cantril's selfanchoring ladder rating (modified version)

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
Findings on Happiness & RELIGION 

Correlate Code: R 1

3 dissatisfying  
2 very dissatisfying  
1 terrible  
No opinion  

Name: Andrews & Withey's `Delighted-Terrible Scale' (modified version)  
O-DT/c/sq/v7/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/u/sq/t7/a  
Selfreport on single question:  

"Which face comes closest to expressing feeling about life as a whole?",  
7 delighted  
6 very satisfying  
5 satisfying  
4 mixed  
3 dissatisfying  
2 very dissatisfying  
1 terrible  
- No opinion  

Name: Andrews & Withey's "Delighted-Terrible Scale" (modified version)  
O-DT/u/sq/v7/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  

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

Selfreport on single question, asked twice in interview:

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

Selfreport on single question:

Lead item not reported
Rated on a 7-step pictorial faces scale, presented on a card
(pictures not shown here)
7  smiling face, very happy
6
5
4
3
2
1  frowning face, very unhappy

Selfreport on single question:

Lead item not reported
Response options:
4  very happy
3  quite happy
2  not very happy
1  not at all happy

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

Selfreport on single question:

"Taken all together, how would you say things are these days? Would you say you are....?"
1  not too happy
2  relatively happy
3  very happy

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“Taking all things into account, how happy would you say you are these days?”
1 not too happy
2 moderately happy
3 very happy

O-HL/c/sq/v/3/bc Selfreport on single question:

“All in all, how much happiness do you find in life today...?”
1 almost none
2 some but not very much
3 a good deal

O-HL/c/sq/v/3/cb Selfreport on single question:

“In general, how happy are you these days ......?”
3 very happy
2 pretty happy
1 not too happy

O-HL/c/sq/v/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

In German:
"Ist Ihr Leben im Augenblick....?”

d sehr glücklich
c ziemlich glücklich
b ziemlich unglücklich
a sehr unglücklich

O-HL/c/sq/v/5/a Selfreport on single question:

"Taking all things together in your life, how would you say things are these days? Would you say you are .....?”
5 very happy
Findings on Happiness & RELIGION

4  happy
3  neither happy nor unhappy
2  unhappy
1  very unhappy

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

In Dutch:
"Hoe gelukkig voelt u zich alles bij elkaar genomen op het ogenblik?"

e  buitengewoon gelukkig
d  zeer gelukkig
c  gelukkig
b  tamelijk gelukkig
a  niet zo gelukkig

Selfreport on single question:

"In general, how happy would you say you are.....?"
3  very happy
2  fairly happy
1  not too happy

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

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.

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

Selfreport on single question:

"Considering your life as a whole, would you describe it as.....:?

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Findings on Happiness & RELIGION Correlate Code: R 1

1 very happy
2 unhappy
3 an even mixture of unhappiness and happiness
4 happy
5
6 very happy
7 no opinion

O-HL/u/sq/v/7/b Selfreport on single question:

"How do you feel how happy you are.....?"
7 delighted
6 pleased
5 mostly satisfied
4 mixed (about equally satisfied and dissatisfied)
3 mostly
2 unhappy
1 terrible

O-HP/g/sq/v/2/a Selfreport on single question:

"Which of these adjectives are characteristic for you as a person...happy?"
(one of 33 items)
2 yes
1 no

O-HP/u/sq/v/3/a Selfreport on single question:

"Do you think of yourself as.......?"
3 happy
2 pretty happy
1 unhappy?

In Dutch:
"Vindt u zichzelf ......?"

a engelukkig
b tamelijk gelukkig
c gelukkig

O-QL?/c/mq/v/5/a Selfreport on 3 questions:

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

B " When you consider your present life as-a-whole, would you say you are.....?"
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<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>R 1</td>
<td></td>
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</tbody>
</table>

- **Code:** R 1

5 very satisfied
4 fairly satisfied
3 rather satisfied than dissatisfied
2 rather dissatisfied than satisfied
1 fairly dissatisfied
- DK/NA

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

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

In German:
A "Wenn Sie ihr Leben jetzt alles in allem betrachten, sind Sie......?"
e sehr glücklich
d ziemlich glücklich
c eher glücklich
b eher unglücklich
a ziemlich ungünstlich
- keine Angabe

B "Wenn Sie ihr Leben jetzt in allem betrachten, sind Sie.....?"
e sehr zufrieden
d ziemlich zufrieden
c eher zufrieden
b eher unzufrieden
a ziemlich unzufrieden
- keine Angabe

C "Wie wohl fühlen Sie sich derzeit? Ist Ihr Wohlbefinden....?"
e sehr gross
d gross
c mäszig
b eher gering
a sehr gering
- keine Angabe

**O-SL?/?/sq/?/0/a** Selfreport on single question:

".....satisfaction with life ....."

Full question not reported

Response options: not reported

**O-SL?/?/sq/v/5/a** Selfreport on single question:

"....... satisfaction with life ....."
Findings on Happiness & RELIGION

(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-SLC/c/sq/lg/21/a Selfreport on lifegraph:

Ss indicated their happiness on a graph, with 10-year time intervals and a happiness scale ranging from +10 (very happy) to -10 (very unhappy)
The last years rating serves as a measure of present happiness

| 20 | + 10 very happy |
| 19 |
| 18 |
| 17 |
| 16 |
| 15 |
| 14 |
| 13 |
| 12 |
| 11 | 0 neutral |
| 10 |
| 9 |
| 8 |
| 7 |
| 6 |
| 5 |
| 4 |
| 3 |
| 2 |
| 1 | -10 very unhappy |

O-SLL/c/sq/v/5/a Selfreport on single question:

"How satisfying do you find the life you currently lead......?"
1  very satisfied
2  rather satisfied
3  satisfied
4  very satisfied
5  extremely satisfied

In Dutch:
"In hoeverre bent u tevreden met het leven dat u leidt......?".
a  niet zo tevreden
b  tamelijk tevreden
c  tevreden
d  zeer tevreden
e  buitengewoon tevreden

O-SLL/g/sq/v/4/a Selfreport on single question:
"In general, how satisfied are you with your way of life......?"
4  quite satisfied
3  fairly satisfied
2  sometimes dissatisfied
1  usually dissatisfied

Selfreport on single question:

"..... satisfaction with life ......"
(full lead item not reported)

Rated on a wooden miniature ladder, handed to the respondent
[ 5 ] very satisfied
[ 4 ]
[ 3 ]
[ 2 ] very dissatisfied

Selfreport on single question :

"Some people seem to be quite happy and satisfied with their lives, while others seem quite unhappy and dissatisfied. Now look at this ladder (again). Suppose that a person who is entirely satisfied with his life would be at the top of the ladder and a person who is extremely dissatisfied with his life would be at the bottom of the ladder. Where would you put yourself on the ladder at the present stage of your life in terms of how satisfied or dissatisfied you are with your personal life?"
[ 10 ] entirely satisfied
[ 9 ]
[ 8 ]
[ 7 ]
[ 6 ]
[ 5 ]
[ 4 ]
[ 3 ]
[ 2 ]
[ 1 ]
[ 0 ] entirely dissatisfied

Name Cantril ladder rating (modified version)

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

Selfreport on single question :

"These days my life is .....".
4  just great
Findings on Happiness & RELIGION

3 more than satisfactory
2 less than satisfactory
1 miserable

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

"How satisfied are you with your life-as-a-whole these days.....?"
7 completely satisfied
6
5
4
3
2
1 completely dissatisfied

O-SLW/c/sq/n/10/aa  Selfreport on single question:

"All things considered, how satisfied are you with your life as-a-whole now.....?"
1 dissatisfied
2
3
4
5
6
7
8
9
10 satisfied

O-SLW/c/sq/n/11/b  Selfreport on single question:

"What do you think, how satisfied are you at this moment- all in all - with your life ?"  'If for instance you are totally satisfied with your life, please mark a ‘10’. If you are totally unsatisfied with your life, mark a ‘0’. If you are not completely 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

Originall text in German:
"Was meinen Sie, wie zufrieden sind Sie gegenwärtig - alles in allem - heute mit Ihrem Leben ? Wenn Sie zum Beispiel mit Ihrem Leben heute ganz und gar zufrieden sind, geben Sie bitte die ‘10’ an.Wenn Sie mit Ihrem Leben heute ganz und gar unzufrieden sind, geben Sie ’0’ an.Wenn Sie weder ganz und gar zufrieden noch ganz und gar unzufrieden sind, dann ordnen Sie sich irgendwo
Findings on Happiness & RELIGION

Correlate Code: R 1

zwischen '1' und '9' ein.

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

Selfreport on single question:

"Which face comes closest to expressing how you feel about your life as a whole?"

Rated on pictorial scale, consisting of seven faces varying from smiles to frowns.
7 smiling cheerful face
6
5
4 neutral face
3
2
1 frowning depressed face

(Pictures not reproduced here)

O-SLW/u/sq/v/5/d

Selfreport on single question:

"Taking your life as a whole, are you .......?"

5 very satisfied
4 quite satisfied
3 more satisfied than discontented
2 more discontented than satisfied
1 quite dissatisfied

In German:
"Wenn Sie Ihr Leben jetzt alles in allem betrachten, sind Sie.....?"

5 sehr zufrieden
4 ziemlich zufrieden
3 eher zufrieden
2 eher unzufrieden
1 ziemlich unzufrieden

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
Selfreport on single question, asked twice in interview:

“Considering everything, how satisfied are you with your life as a whole........?”

1 completely dissatisfied
2
3
4
5
6
7 completely satisfied

Summation: both scores added
Possible range: 2 to 14

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>
</thead>
</table>
| B      | REGRESSION COEFFICIENT (non-standardized)  
Type: test statistic  
Measurement level: Correlate: metric, Happiness: metric  
Theoretical range: unlimited  

Meaning:  
B > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.  
B < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.  
B = 0 « not any correlation with the relevant correlate.  

| Beta   | (B) STANDARDIZED REGRESSION COEFFICIENT  
Type: test statistic.  
Measurement level: Correlates: all metric, Happiness: metric.  
Range: [-1 ; +1]  

Meaning:  
beta > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.  
beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.  
beta = 0 « no correlation.  
beta = + 1 or -1 « perfect correlation.  

| D%     | DIFFERENCE in PERCENTAGES  
Type: descriptive statistic only.  
Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous  
Range: [-100; +100]  

Meaning: the difference of the percentages happy people at two correlate levels.  

| DM     | DIFFERENCE of MEANS  
Type: descriptive statistic only.  
Measurement level: Correlate: dichotomous, Happiness: metric  
Range: depending on the happiness rating scale of the author; range symmetric about zero.  

Meaning: the difference of the mean happiness, as measured on the author’s rating scale, between the two correlate levels.  

| DMt    | DIFFERENCE of MEANS AFTER TRANSFORMATION  
Type: descriptive statistic only.  
Measurement level: Correlate: dichotomous, Happiness: metric  
Theoretical range: [-10; +10]  

Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.  

| E²     | CORRELATION RATIO (Elsewhere sometimes called h² or ETA)  

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness
Findings on Happiness & RELIGION Correlate Code: R 1

Type: test statistic
Measurement level: Correlate: nominal or ordinal, Happiness: metric
Range: [0; 1]

Meaning: correlate is accountable for E² x 100 % of the variation in happiness.
E² = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.
E² = 1 « knowledge of the correlate value enables an exact prediction of the happiness rating.

G
GOODMAN & Kruskal's GAMMA
Type: test statistic
Measurement level: Correlate: ordinal, Happiness: ordinal
Range: [-1; +1]

Meaning:
G = 0 « no rank correlation
G = +1 « strongest possible rank correlation, where high correlate values correspond with high happiness ratings.
G = -1 « strongest possible rank correlation, where high correlate values correspond with low happiness ratings.

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

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

rpc
PARTIAL CORRELATION COEFFICIENT
Type: test statistic
Measurement level: Correlate: metric, Happiness: metric
Range: [-1; +1]

Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores. Under that conditions
rpc > 0 « a higher correlate level corresponds with a higher happiness rating,
rpc < 0 « a higher correlate level corresponds with a lower happiness rating,

SNR Statistic Not Reported

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.

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
        - Happiness Queries (3)
          - Testbank
            - Abstracting and classification of findings
              - Distributional Findings (5)
              - Correlational Findings (6)

1 BIBLIOGRAPHY OF HAPPINESS Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 3422 titles, mainly in English.

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

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

4 CATALOG OF HAPPINESS IN NATIONS Presents distributional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 1889 surveys in 112 nations, 1946-2000.

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

# Appendix 4  Further Findings in the World Database of Happiness

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<th>Main Category’s</th>
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<th>Number of Studies in this Category</th>
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### Appendix 5  Related Topics

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**End of Report**