### 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>M 6</td>
<td>MEDICAL TREATMENT</td>
<td>0</td>
</tr>
<tr>
<td>M 6.1</td>
<td>Medical career</td>
<td>0</td>
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<tr>
<td>M 6.1.1</td>
<td>Earlier medical treatment</td>
<td>22</td>
</tr>
<tr>
<td>M 6.1.2</td>
<td>Change in medical treatment</td>
<td>0</td>
</tr>
<tr>
<td>M 6.1.3</td>
<td>History of current treatment</td>
<td>0</td>
</tr>
<tr>
<td>M 6.1.4</td>
<td>Later medical treatment</td>
<td>0</td>
</tr>
<tr>
<td>M 6.2</td>
<td>Currently in treatment or not</td>
<td>2</td>
</tr>
<tr>
<td>M 6.2.1</td>
<td>Visits to doctor</td>
<td>3</td>
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<tr>
<td>M 6.2.2</td>
<td>In hospital</td>
<td>1</td>
</tr>
<tr>
<td>M 6.3</td>
<td>Kind of current treatment</td>
<td>5</td>
</tr>
<tr>
<td>M 6.4</td>
<td>Effect of current treatment</td>
<td>4</td>
</tr>
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<td>M 6.5</td>
<td>Attitudes to medical treatment</td>
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<tr>
<td>M 6.5.1</td>
<td>Trust in medical professionals</td>
<td>6</td>
</tr>
<tr>
<td>M 6.5.2</td>
<td>Satisfaction with health-services</td>
<td>6</td>
</tr>
</tbody>
</table>

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

Cite as: Veenhoven, R.: Findings on Happiness & MEDICAL TREATMENT
World Database of Happiness. Internet: www.eur.nl/fsrresearch/happiness
Erasmus University Rotterdam, 2003, Netherlands
### Study

**Reported in:** Chiriboga, D.A.  
Consistency in adult functioning: The influence of social stress  
Ageing and Society, vol.2 part 1, p.7-29

**Population:** People in transition followed 4 years, metropolis, USA, 1969-1980

**Sample:**

**Non-Response:** Attrition after 11 years 24%

**N:** 163 (in 1969:216)

### Measured Correlate

**Class:** Earlier medical treatment  
Code: M 6.1.1

**Measurement:** The number of visits to doctors reported for the year prior to the interview 11 years ago at T1 (1969)

### 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-HL/c/sq/v/3/cb | r =        | Males: r = -.12 ns  
Females: r = -.12 ns  
Happiness assessed at T5(1980) |
## VENTE 1995

**Reported in:** Ventegodt, S.
Livskvalitet i Danmark. (Quality of Life in Denmark)
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark,
ISBN 8790190017

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

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

**Non-Response:** 39%

**N:** 1494

### Measured Correlate

**Class:** Earlier medical treatment  Code: M 6.1.1

**Measurement:** Single question:
- "Do you ever had an abortion?"
- 1: no
- 2: yes, once
- 3: yes, twice
- 4: yes, 3 or more times

**Measured Values:** N: 1:588, 2:116, 3:28, 4:7

**Error Estimates:**

**Remarks:**

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=-.06 ns</td>
<td>1: Ms = 7.78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Ms = 7.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Ms = 7.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4: Ms = 6.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt = 7.73</td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=-.10 p&lt;.01</td>
<td>1: Ms = 7.05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Ms = 6.99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Ms = 6.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4: Ms = 5.36</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Mt = 6.99</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>r=-.10 p&lt;.01</td>
<td>1: Ms = 7.50</td>
</tr>
<tr>
<td></td>
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<td>2: Ms = 7.53</td>
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<tr>
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<td>3: Ms = 6.25</td>
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<td></td>
<td>4: Ms = 6.08</td>
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<tr>
<td></td>
<td></td>
<td>All Mt = 7.44</td>
</tr>
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</table>

---

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 3 of 80
Study | VENTE 1995
---|---
**Reported in:** | Ventegodt, S.
Livskvalitet i Danmark.(Quality of Life in Denmark)
Forskningscentrets Forlag (The Quality of Life Research Center), København,
Danmark,
ISBN 8790190017

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

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

**Non-Response:** | 39%

**N:** | 1494

---

**Measured Correlate**

**Class:** | Earlier medical treatment  Code: M 6.1.1

**Measurement:** | Single question: “Have you ever undergone an operation under general anaesthesia?”
1: no
2: not sure
3: yes

**Measured Values:**

| | N: 1:612, 2:30, 3:824 |

**Error Estimates:**

| | \( r = -0.07 \) p<0.01 |

**Observe Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-AOL/m/sq/v/5/a | \( r = -0.07 \) p<0.01 | 1: Ms = 7.95
2: Ms = 7.59
3: Ms = 7.65
All Mt = 7.78 |
| O-HL/c/sq/v/5/h | \( r = -0.02 \) ns | 1: Ms = 7.00
2: Ms = 6.41
3: Ms = 6.93
All Mt = 6.95 |
| O-SLu/c/sq/v/5/e | \( r = -0.04 \) ns | 1: Ms = 7.55
2: Ms = 7.09
3: Ms = 7.39
All Mt = 7.45 |
Findings on Happiness & MEDICAL TREATMENT  Correlate Code: M 6

**Study**  VENTE 1995  Page in Report: 242

*Reported in:* Ventegodt, S.
Livskvalitet i Danmark.(Quality of Life in Denmark)
Forskningscentrets Forlag (The Quality of Life Research Center), København,
Denmark,
ISBN 8790190017

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

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

*Non-Response:* 39%

*N:* 1494

**Measured Correlate**

*Class:* Earlier medical treatment  Code: M 6.1.1

*Measurement:* Single question:
"Have you ever had a miscarriage?"
1: No
2: Not sure
3: Yes

*Measured Values:* N: 1:566, 2:15, 3:133

*Error Estimates:* ns

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=-.03 ns</td>
<td>1: Ms=7.75 2: Ms=7.66 3: Ms=7.60 All Mt=7.71</td>
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<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=-.06 ns</td>
<td>1: Ms=7.03 2: Ms=6.84 3: Ms=6.75 All Mt=6.98</td>
</tr>
<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>r=-.02 ns</td>
<td>1: Ms=7.45 2: Ms=6.84 3: Ms=7.39 All Mt=7.43</td>
</tr>
</tbody>
</table>

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

Correlate Code: M 6

**Study**

**VENTE 1996**

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

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

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

*Non-Response:*
39%

*N:*
4500

---

**Measured Correlate**

*Class:*
Earlier medical treatment  Code: M 6.1.1

*Measurement:*
Single question:
"Have you ever undergone an operation under general anaesthesia?"
1: No
2: Not sure
3: Yes

*Measured Values:*
N: All:4583;  %:1:34,4;  2:2,9;  3:62,7

*Error Estimates:*

---

**Observed Relation with Happiness**

**Happiness Query** | **Statistics** | **Remarks**
--- | --- | ---
A-AOL/m/sq/v/5/a | r=-.03 p<.03 | 1: Mt = 7.85
2: Mt = 7.40
3: Mt = 7.70

O-HL/c/sq/v/5/h | r=-.01 ns | 1: Mt = 7.05
2: Mt = 6.66
3: Mt = 7.03

O-SLu/c/sq/v/5/e | r=-.02 ns | 1: Mt = 7.51
2: Mt = 6.90
3: Mt = 7.39

---

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 6 of 80
Study VENTE 1996

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

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

Sample: Non-probability purposive sample (unspecified)
Non-Response: 39%
N: 4500

Measured Correlate

Class: Earlier medical treatment Code: M 6.1.1

Measurement: Single question:
"Have you ever had an abortion?"
1: no
2: yes, once
3: yes, twice
4: yes, 3 or more times

Measured Values: N All:2437; 1:1471; 2:652; 3:237; 4:77

Error Estimates:

Remarks: women only

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
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<th>Remarks</th>
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<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>r=-.07</td>
<td>p&lt;.00</td>
</tr>
<tr>
<td></td>
<td>Mt=7.83</td>
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<tr>
<td></td>
<td>Mt=7.58</td>
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<td></td>
<td>Mt=7.54</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mt=7.24</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/v/5/h</td>
<td>r=-.07</td>
<td>p&lt;.00</td>
</tr>
<tr>
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<tr>
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<tr>
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<td>Mt=7.21</td>
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</tr>
<tr>
<td></td>
<td>Mt=6.73</td>
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</table>

women only
Findings on Happiness & MEDICAL TREATMENT  

Study: VENTE 1997  
Reported in: Ventegodt, S.  
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)  
Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark, ISBN 8790190130  
Population: 31-33 aged, born at the university hospital, Denmark, 1993  
Sample: Non-probability chunk sample  
Non-Response: 36%  
N: 4626  

Measured Correlate  
Class: Earlier medical treatment  
Measurement: mother's exposure to radiation before pregnancy  
1: none  
2: one of the following conditions:  
2b: employed using X rays or isotopes  
2c: examined or treated with isotopes  
2d: radiation treatment of genitalia  
2ea: X ray of abdomen or pelvis 1 time  
2fa: X ray of abdomen or pelvis 2 times  
2ga: X ray of abdomen or pelvis 3 times  
2ha: X ray of abdomen or pelvis 3 times or more times  
2ib: X ray of urinary tract 1 time  
2jb: X ray of urinary tract 2 times  
2kb: X ray of urinary tract 3 or more times  


Error Estimates:  
Remarks: only absolute frequencies are given  

Observed Relation with Happiness  

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
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</tr>
</thead>
<tbody>
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<td>A-AOL/m/sq/v/5/a</td>
<td>r=+.01 ns</td>
<td>only absolute frequencies are given</td>
</tr>
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<td>1: Mt=7.76</td>
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<td>2: Mt=7.69</td>
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<td></td>
</tr>
<tr>
<td>2b: Mt=8.04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2c: Mt=7.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2d: Mt=5.63</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2ea: Mt=7.66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2fa: Mt=7.78</td>
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</tr>
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<td>2ga: Mt=7.60</td>
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<td></td>
</tr>
<tr>
<td>2ha: Mt=7.55</td>
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<td></td>
</tr>
<tr>
<td>2ib: Mt=7.66</td>
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<td></td>
</tr>
<tr>
<td>2jb: Mt=8.15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2kb: Mt=7.73</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

O-HL/c/sq/v/5/h \( r = +.01 \) ns

1: \( Mt = 7.05 \)
2: \( Mt = 6.95 \)
2b: \( Mt = 7.13 \)
2c: \( Mt = 5.00 \)
2d: \( Mt = 7.50 \)
2ea: \( Mt = 6.90 \)
2fa: \( Mt = 6.91 \)
2ga: \( Mt = 6.79 \)
2ha: \( Mt = 6.96 \)
2ib: \( Mt = 7.09 \)
2jb: \( Mt = 6.96 \)
2kb: \( Mt = 7.43 \)

O-SLu/c/sq/v/5/e \( r = +.10 \) ns

1: \( Mt = 7.43 \)
2: \( Mt = 7.39 \)
2b: \( Mt = 7.55 \)
2c: \( Mt = 7.50 \)
2d: \( Mt = 6.25 \)
2ea: \( Mt = 7.36 \)
2fa: \( Mt = 7.50 \)
2ga: \( Mt = 7.21 \)
2ha: \( Mt = 7.29 \)
2ib: \( Mt = 7.44 \)
2jb: \( Mt = 7.39 \)
2kb: \( Mt = 7.73 \)
Study: VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)
Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

Population: 31-33 aged, born at the university hospital, Denmark, 1993
Sample: Non-probability chunk sample
Non-Response: 36%
N: 4626

Measured Correlate
Class: Earlier medical treatment Code: M 6.1.1
Measurement: BCG vaccination (tuberculosis) in child's first year
1: not done
2: BCG in 1 month
3: BCG in 2-3 month
4: BCG in 3-6 month
5: BCG in 6-9 month
6: BCG after more than 9 months

Measured Values: N all:852, %:1:45.8, 2:17.3, 3:13.9, 4:5.3, 5:2.5, 6:15.2

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-AOL/m/sq/v/5/a r=+.02 ns
1: Ms = 7.70
2: Ms = 7.80
3: Ms = 7.60
4: Ms = 6.78
5: Ms = 7.63
6: Ms = 8.04

O-HL/c/sq/v/5/h r=-.01 ns
1: Ms = 7.03
2: Ms = 6.96
3: Ms = 6.88
4: Ms = 6.50
5: Ms = 6.66
6: Ms = 7.06

O-SLu/c/sq/v/5/e r=+.02 ns
1: Ms = 7.40
2: Ms = 7.46
3: Ms = 7.08
4: Ms = 6.78
5: Ms = 7.86
6: Ms = 7.69

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 10 of 80
Study

VENTE 1997

Reported in: Ventegodt, S.

Livskvalitet og omstændigheder tidligt I livet (The quality of Life and Factors in Pregnancy, Birth and Infancy)

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Measured Correlate

Class: Earlier medical treatment

Code: M 6.1.1

Measurement: treatment of mother (in 1st, 2nd, 3rd trimester and in last month)

1: none
2: one of the following conditions:
2a: airplane flight
3a: cramps (eclampsia not included)
4a: virus infection
5a: bacterial infection
6a: diarrhea
7a: hives, drug reaction and other acute allergic conditions
8a: other

Measured Values:

N: first trimester: 1: 4066, 2: 72, 3: 14, 4: 87, 5: 59, 6: 15, 7: 15, 8: 12
second trimester: 1: 3692, 2: 85, 3: 11, 4: 260, 5: 234, 6: 37, 7: 21, 8: 26

Error Estimates:

Remarks: only absolute frequencies are given, because answers can be overlapping

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>Ms: 1 = 7.73</td>
<td>only absolute frequencies are given, because answers can be overlapping</td>
</tr>
<tr>
<td></td>
<td>Ms: 2 = 7.75</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ms: 2a = 7.60</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ms: 3a = 7.50</td>
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</tr>
<tr>
<td></td>
<td>Ms: 4a = 7.56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ms: 5a = 7.90</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ms: 6a = 7.84</td>
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<tr>
<td></td>
<td>Ms: 7a = 8.16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ms: 8a = 8.13</td>
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</tbody>
</table>

Print date: 7-2-2003

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

<table>
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<tr>
<th></th>
<th>trimester 1</th>
<th>trimester 2</th>
<th>trimester 3</th>
<th>last month</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>O-HL/c/sq/v/5/h</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ms: 1=</td>
<td>7.01</td>
<td>1=7.01</td>
<td>1=7.03</td>
<td>1=7.03</td>
</tr>
<tr>
<td>Ms: 2=</td>
<td>7.03</td>
<td>2=6.99</td>
<td>2=6.93</td>
<td>2=6.84</td>
</tr>
<tr>
<td>Ms: 2a=6.98</td>
<td>2a=7.18</td>
<td>2a=6.91</td>
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<td>Ms: 3=6.88</td>
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<td>3=6.54</td>
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<td>6=6.81</td>
<td>6=6.78</td>
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</tr>
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<td>8=6.35</td>
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</tr>
<tr>
<td><strong>O-SLu/c/sq/v/5/e</strong></td>
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<tr>
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<td>1=7.43</td>
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<td>Ms: 2=7.40</td>
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<td>2a=7.33</td>
<td>2a=7.25</td>
<td>2a=6.54</td>
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<tr>
<td>Ms: 3=7.50</td>
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<td>4=7.38</td>
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<td>Ms: 5=7.53</td>
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</tr>
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</table>
**Study**  
VENTE 1997  

*Reported in:* Ventegodt, S.  
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)  
Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130  

*Population:* 31-33 aged, born at the university hospital, Denmark, 1993  

*Sample:* Non-probability chunk sample  

*Non-Response:* 36%  

*N:* 4626  

---

**Measured Correlate**  

*Class:* Earlier medical treatment  
Code: M 6.1.1  

*Measurement:* MOTHER’S MEDICATION: in the 1st, 2nd, 3rd month (=m), the 2nd and 3rd trimester (=t) and the last month (=lm)  
values:  
1: none:  
2: one of the following conditions:  
2b: antihistimines  
2c: antiepileptic  
2d: barbiturates  
2e: psychopharmacological (not including barbiturates) e.g. largactil or meprobamate  
2f: analgesic  
2g: antibiotics  
2h: chemotherapy  
2i: hormones - antihormones  
2j: diuretics  
2k: other + vaccination  

*Measured Values:* N first month::1:4020, 2b:9, 2c:34, 2d:58, 2e:73, 2f:23, 2g:6, 2h:11, 2i:83, 2j:-, 2k:27  
second month: 1:3722, 2b:491, 2c:38, 2d:67, 2e:100, 2f:26 2g:12, 2h:26, 2i:129, 2j:3, 2k:56  
third month: 1:3506, 2b:357, 2c:34, 2d:79, 2e:132, 2f:34, 2g:12, 2h:33, 2i:147, 2j:4, 2k:88  
third trimester: 1:3268, 2b:1266, 2c:41, 2d:216, 2e:205, 2f:81, 2g:38, 2h:159, 2i:81, 2j:231, 2k:172  

*Error Estimates:*  

*Remarks:* only absolute frequencies are given  

---

**Observed Relation with Happiness**
### Happiness Query

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

<table>
<thead>
<tr>
<th>month(m)</th>
<th>trimester(t)</th>
<th>Mt =</th>
<th>Mt =</th>
<th>Mt =</th>
<th>Mt =</th>
<th>Mt =</th>
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<tbody>
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<td>7.73</td>
<td>7.74</td>
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<tr>
<td>2:7.45</td>
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<tr>
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<tr>
<td>2d:7.63</td>
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<td>7.78</td>
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<tr>
<td>2e:7.40</td>
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<tr>
<td>2f:6.20</td>
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<tr>
<td>2g:7.09</td>
<td>8.98</td>
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<tr>
<td>2i:7.56</td>
<td>7.65</td>
<td>7.75</td>
<td>7.79</td>
<td>7.53</td>
<td>7.54</td>
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</tr>
<tr>
<td>2j:</td>
<td>8.34</td>
<td>8.13</td>
<td>7.68</td>
<td>7.75</td>
<td>7.79</td>
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</tr>
<tr>
<td>2k:7.41</td>
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<td>7.75</td>
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**O-HL/c sq/v 5/h**

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<tr>
<td>2b:6.39</td>
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<tr>
<td>2e:6.71</td>
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<tr>
<td>2f:6.65</td>
<td>5.86</td>
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<td>2g:6.25</td>
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<td>2h:6.36</td>
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**O-SLu/c sq/v 5/e**

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</tr>
<tr>
<td>2b:7.50</td>
<td>7.56</td>
</tr>
<tr>
<td>2c:7.94</td>
<td>7.94</td>
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<tr>
<td>2d:7.46</td>
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<tr>
<td>2e:7.09</td>
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<td>2f:5.86</td>
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<td>2g:7.41</td>
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<tr>
<td>2h:6.81</td>
<td>7.40</td>
</tr>
<tr>
<td>2i:7.50</td>
<td>7.39</td>
</tr>
<tr>
<td>2j:</td>
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<tr>
<td>2k:7.04</td>
<td>7.33</td>
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Findings on Happiness & MEDICAL TREATMENT  Correlate Code: M 6

Study  
VENTE 1997  
Reported in:  
Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy) Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

Population:  
31-33 aged, born at the university hospital, Denmark, 1993

Sample:  
Non-probability chunk sample

Non-Response:  
36%

N: 4626

Measured Correlate

Class:  
Earlier medical treatment  Code: M 6.1.1

Measurement:  
types of medication during pregnancy
1: none of these
2: one of the following medicines:
2b: antihistamines
2c: antiepileptic
2d: barbiturates
2e: psychopharmacological (not including barbiturates) e.g. largactil or meprobamate
2f: analgesic
2g: antibiotics
2h: chemotherapy
2i: hormones-antihormones
2j: diuretics
2k: other+vaccinations

Measured Values:  

Error Estimates:  

Remarks:  
only absolute frequencies are given statistics of 1 vs 2

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-AOL/m/sq/v/5/a  G=+.00 p<.00  
1: Mt =7.75
2: Mt =7.73
2b: Mt =7.80
2c: Mt =7.96
2d: Mt =7.83
2e: Mt =7.51
2f: Mt =7.64
2g: Mt =7.84
2h: Mt =7.49
2i: Mt =7.81
2j: Mt =7.81

only absolute frequencies are given statistics of 1 vs 2
Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

2k:  \( M_t = 7.73 \)
    All  \( M_t = 7.74 \)

O-HL/c/sq/v/5/h  \( G = +.07 \)  \( p < .00 \)
1:  \( M_t = 6.89 \)
2:  \( M_t = 7.05 \)
2b:  \( M_t = 7.16 \)
2c:  \( M_t = 7.39 \)
2d:  \( M_t = 7.00 \)
2e:  \( M_t = 6.89 \)
2f:  \( M_t = 6.94 \)
2g:  \( M_t = 7.00 \)
2h:  \( M_t = 6.85 \)
2i:  \( M_t = 7.26 \)
2j:  \( M_t = 7.15 \)
2k:  \( M_t = 6.95 \)

O-SLu/c/sq/v/5/e  \( G = +.00 \)  \( p < .01 \)
1:  \( M_t = 7.43 \)
2:  \( M_t = 7.43 \)
2b:  \( M_t = 7.53 \)
2c:  \( M_t = 7.85 \)
2d:  \( M_t = 7.63 \)
2e:  \( M_t = 7.26 \)
2f:  \( M_t = 7.25 \)
2g:  \( M_t = 7.50 \)
2h:  \( M_t = 7.13 \)
2i:  \( M_t = 7.58 \)
2j:  \( M_t = 7.46 \)
2k:  \( M_t = 7.35 \)
Findings on Happiness & MEDICAL TREATMENT  
Correlate Code: M 6

Study: VENTE 1997

Reported in: Ventegodt, S.  
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in  
Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark,  
ISBN 8790190130)

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Measured Correlate

Class: Earlier medical treatment  Code: M 6.1.1

Measurement: mother's use of barbiturate use during pregnancy
1: never used
2: 1 period
3: 2 periods
4: 3 periods
5: 4 periods
6: 5 periods
7: 6 periods

Measured Values: N: all:2556, %: 1:82, 2:9, 3:4, 4:2, 5:0,4, 6:0,3, 7:2

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
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<td>A-AOL/m/sq/v/5/a</td>
<td>r=+.00 ns</td>
<td>1: Mt = 7.75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2: Mt = 7.93</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3: Mt = 7.64</td>
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<td>4: Mt = 7.75</td>
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<td>6: Mt = 8.58</td>
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<tr>
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<td></td>
<td>7: Mt = 7.66</td>
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<td>r=-.00 ns</td>
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<td>2: Mt = 7.10</td>
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<td>3: Mt = 7.15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4: Mt = 7.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5: Mt = 7.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6: Mt = 7.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7: Mt = 6.78</td>
</tr>
</tbody>
</table>
Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

O-SLu/c/sq/v/5/e   r=+.01   ns

1:  Mt = 7.43
2:  Mt = 7.73
3:  Mt = 7.63
4:  Mt = 7.31
5:  Mt = 7.38
6:  Mt = 7.86
7:  Mt = 7.40
Findings on Happiness & MEDICAL TREATMENT

Study: VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og omstændigheder tidligt i livet (The quality of Life and Factors in Pregnancy, Birth and Infancy)
Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

Population: 31-33 aged, born at the university hospital, Denmark, 1993
Sample: Non-probability chunk sample
Non-Response: 36%
N: 4626

Measured Correlate

Class: Earlier medical treatment Code: M 6.1.1
Measurement: mother's exposure to radiation in the first trimester
1: none
2: one of the following
2b: employed using X rays or isotopes
2c: repeated survey or detailed examination
2d: urinary system (urograph, pyelograph)
2e: pelvis, hip joint
2f: routine TB examination
2g: thorax/other X ray examination
2h: radiation treatment


Error Estimates:

Remarks: only absolute frequencies are given

Observed Relation with Happiness

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

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<tr>
<th>Statistics</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>DMt=</td>
<td>only absolute frequencies are given</td>
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</table>

Print date: 7-2-2003 World Database of Happiness: www.eur.nl/fsw/research/happiness Page 19 of 80
### Findings on Happiness & MEDICAL TREATMENT

**Correlate Code: M 6**

<table>
<thead>
<tr>
<th>O-HL/c/sq/v/5/h</th>
<th>DMt=-</th>
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<tbody>
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</tr>
<tr>
<td>2: Mt = 6.71</td>
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</tr>
<tr>
<td>2b: Mt = 7.10</td>
<td></td>
</tr>
<tr>
<td>2c: Mt = 7.04</td>
<td></td>
</tr>
<tr>
<td>2d: Mt = 6.25</td>
<td></td>
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<tr>
<td>2e: Mt = 6.66</td>
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</tr>
<tr>
<td>2f: Mt = 6.73</td>
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<td>2g: Mt = 6.58</td>
<td></td>
</tr>
<tr>
<td>2h: Mt = 6.59</td>
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</table>

<table>
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<th>O-SLu/c/sq/v/5/e</th>
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<tbody>
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<td>1: Mt = 7.43</td>
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<td></td>
</tr>
<tr>
<td>2b: Mt = 7.50</td>
<td></td>
</tr>
<tr>
<td>2c: Mt = 8.00</td>
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</tr>
<tr>
<td>2d: Mt = 8.13</td>
<td></td>
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<td>2g: Mt = 6.88</td>
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</tr>
<tr>
<td>2h: Mt = 6.36</td>
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## Findings on Happiness & MEDICAL TREATMENT

### Study

**VENTE 1997**

**Reported in:** Ventegodt, S. Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy) Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

**Population:** 31-33 aged, born at the university hospital, Denmark, 1993

**Sample:** Non-probability chunk sample

**Non-Response:** 36%

**N:** 4626

### Measured Correlate

**Class:** Earlier medical treatment  Code: M 6.1.1

**Measurement:** mother's exposure to radiation during pregnancy

1: none  
2: one of the following conditions:  
2b: employed X ray or isotopes  
2c: examined or treated with isotopes  
2d: repeated survey or detailed examination  
2e: urinary system (urograph, pyelograph)  
2f: pelvis, hip joint  
2g: pelvic measurement  
2h: routine TB examination  
2i: thorax/other X ray examination  
2j: radiation treatment

**Measured Values:** N: 1:2892, 2:1629, 2b:28, 2c:189, 2d:171, 2e:8, 2f:5, 2g:78, 2h:688, 2i:448, 2j:14

**Error Estimates:**

**Remarks:** only absolute frequencies are given

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| A-AOL/m/sq/v/5/a| 1: Mt = 7.73  
2: Mt = 7.69  
2b: Mt = 7.95  
2c: Mt = 7.68  
2d: Mt = 7.95  
2e: Mt = 7.19  
2f: Mt = 6.56  
2g: Mt = 8.05  
2h: Mt = 7.76  
2i: Mt = 7.45  
2j: Mt = 6.79 | only absolute frequencies are given |
Findings on Happiness & MEDICAL TREATMENT  
Correlate Code: M 6

O-HL/c/sq/v/5/h
1:  Mt = 7.04  
2:  Mt = 6.93  
2b: Mt = 6.96  
2c: Mt = 7.13  
2d: Mt = 7.08  
2e: Mt = 5.94  
2f: Mt = 6.50  
2g: Mt = 7.05  
2h: Mt = 6.90  
2i: Mt = 6.85  
2j: Mt = 6.61

O-SLu/c/sq/v/5/e
1:  Mt = 7.41  
2:  Mt = 7.34  
2b: Mt = 7.50  
2c: Mt = 7.48  
2d: Mt = 7.65  
2e: Mt = 7.19  
2f: Mt = 7.00  
2g: Mt = 7.60  
2h: Mt = 7.34  
2i: Mt = 7.14  
2j: Mt = 6.79
Findings on Happiness & MEDICAL TREATMENT

Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)
Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

Population: 31-33 aged, born at the university hospital, Denmark, 1993
Sample: Non-probability chunk sample
Non-Response: 36%
N: 4626

Measured Correlate

Class: Earlier medical treatment  Code: M 6.1.1
Measurement: treatment and proylaxis in the child's first year
a: no treatment
b: strong laxative/enema
c: mild laxative:milk sugar/ constipation treatment/parafin preparation/malt extract
d: penicillen 1-2 times
e: penicillin more than 2 times
f: sulfonamide 1-2 times
g: sulfonamide more than 2 times
h: wide spectrum of antibiotics 1-2 times
i: wide spectrum of antibiotics more than 2 times
j: diet for over a week
k: other medical treatment
l: small pox vaccination in first half year
m: small pox vaccination in second half year
n: gammaglobin or human serum

Measured Values: N all:4347, %:a42.2, b:0.5, c:1.1, d:27.0, e:3.8, f:6.8, g:0.5, h:3.3, i:0.1, j:2.9, k:8.5, l:0.1, m:2.0, n:1.9

Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-AOL/m/sq/v/5/a
a: Mt =7.71
b: Ms =7.39
c: Mt =7.29
d: Mt =7.80
e: Mt =7.70
f: Mt =7.75
g: Mt =8.25
h: Mt =7.90
i: Mt =8.13
j: Mt =8.08

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 23 of 80
Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

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

<table>
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O-SLu/c/sq/v/5/e

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World Database of Happiness: www.eur.nl/fsw/research/happiness
Study VENTE 1997
Reported in: Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in
Forskningsscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark,
ISBN 8790190130
Population: 31-33 aged, born at the university hospital, Denmark, 1993
Sample: Non-probability chunk sample
Non-Response: 36%
N: 4626

Measured Correlate

Class: Earlier medical treatment Code: M 6.1.1
Measurement: special treatment of the infant
a: none
b: incubator with oxygen
c: incubator without oxygen
d: warm room
e: oxygen by funnel
f: oxygen into stomach trough tube
g: artificial respiration
h: respiration with positive pressure
i: stimulation
j: larynx suction

Measured Values: N all:4517, %:a:73,5, b:11,1, c:0,3, d:9,2, e:2,5, f:0,2, g:0,2, h:1,6,
i:0,4, j:0,8

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-AOL/m/sq/v/5/a
a: Mt = 7.73
b: Mt = 7.60
c: Mt = 7.89
d: Mt = 7.80
e: Mt = 7.76
f: Mt = 8.25
g: Mt = 7.50
h: Mt = 7.98
i: Mt = 7.94
j: Mt = 7.30
### Findings on Happiness & MEDICAL TREATMENT

**Correlate Code: M 6**

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Findings on Happiness & MEDICAL TREATMENT

**Study**  
**VENTE 1997**  
*Reported in:* Ventegodt, S.  
*Livskvalitet og omstændigheder tidligt I livet (The quality of Life and Factors in Pregnancy, Birth and Infancy)*  
*Population:* 31-33 aged, born at the university hospital, Denmark, 1993  
*Sample:* Non-probability chunk sample  
*Non-Response:* 36%  
*N:* 4626

**Measured Correlate**

*Class:* Earlier medical treatment  
*Code:* M 6.1.1  
*Measurement:* transfusion due to rhesus type  
1: no  
2: yes  
*Measured Values:*  
N all:1879, %:1:92.8, 2:7.2

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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| A-AOL/m/sq/v/5/a | r=-.01 ns  | 1: Ms =7.75  
|                 |            | 2: Ms =7.70 |
| O-HL/c/sq/v/5/h | r=-.00 ns  | 1: Ms =7.05  
|                 |            | 2: Ms =7.01 |
| O-SLu/c/sq/v/5/e| r=+.01 ns  | 1: Ms =7.44  
|                 |            | 2: Ms =7.54 |

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 27 of 80
Findings on Happiness & MEDICAL TREATMENT

Study VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)
Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

Population: 31-33 aged, born at the university hospital, Denmark, 1993
Sample: Non-probability chunk sample
Non-Response: 36%
N: 4626

Measured Correlate

Class: Earlier medical treatment Code: M 6.1.1

Measurement:
1) examining doctor, day 1
2) examining doctor, day 5
a: examination of Q
b: examination of JP
c: examination of ZC
d: examination of other

Measured Values:
N 1 all:4213, %:1a:4.5, 1b:7.9, 1c:82.5, 1d:5,1
N 2 all:4101, %:2a:2.6, 2b:5.2, 2c:83.2, 2d:9.0

Error Estimates:

Remarks:

Observed Relation with Happiness

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<tr>
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<td>day 5</td>
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<tr>
<td>1a: Ms=7.65</td>
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<tr>
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<td>day 5</td>
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<td>1c: Ms=7.00</td>
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<tr>
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<td>day 5</td>
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<td>1a: Ms=7.58</td>
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<td>1b: Ms=7.51</td>
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<td>1c: Ms=7.39</td>
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<td></td>
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<td>1d: Ms=7.55</td>
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Study: VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)
Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Measured Correlate

Class: Earlier medical treatment Code: M 6.1.1

Measurement: number of paediatric examinations taken
1: 5 week examination undertaken
2: 5 month examination undertaken
3: 10 month examination undertaken
4: all three examinations undertaken
5: child care clinic
6: own physician


Error Estimates: only absolute frequencies are given

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-AOL/m/sq/v/5/a
1: Mt = 7.74
2: Mt = 7.78
3: Mt = 7.69
4: Mt = 7.74
5: Mt = 7.76
6: Mt = 7.80
only absolute frequencies are given

O-HL/c/sq/v/5/h
1: Mt = 7.05
2: Mt = 7.04
3: Mt = 6.93
4: Mt = 7.03
5: Mt = 7.00
6: Mt = 7.09

O-SLu/c/sq/v/5/e
1: Mt = 7.43
2: Mt = 7.39
3: Mt = 7.30
4: Mt = 7.44
5: Mt = 7.41
6: Mt = 7.46
Study VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy)

Population: 31-33 aged, born at the university hospital, Denmark, 1993
Sample: Non-probability chunk sample
Non-Response: 36%
N: 4626

Measured Correlate

Class: Earlier medical treatment  Code: M 6.1.1
Measurement:
(a) number of tetanus vaccinations in the child's first year
   a1: not done
   a2: 1 injection
   a3: 2 injections
   a4: 3 injections
   a5: 4 injections
(b) tetanus vaccination, manner of administration
   b1: not done
   b2: interval under 2 months
   b3: interval over 2 months
   b4: triple vaccination, 1 time
   b5: triple vaccination, 2 or more times

Measured Values:
N a all:4078, %:a1:7.9, a2:4.0, a3:49.7, a4:38.2, a5:0.2

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-AOL/m/sq/v/5/a r=+.02 ns a1: Mt=7.70
   a2: Mt=7.59
   a3: Mt=7.73
   a4: Mt=7.80
   a5: Mt=7.23
   b1: Mt=7.70
   b2: Mt=7.75
   b3: Mt=8.03
   b4: Mt=9.00
   b5: Mt=7.33
### O-HL/c/sq/v/5/h

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<td>a4</td>
<td>7.09</td>
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<td>a5</td>
<td>6.39</td>
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### O-SLu/c/sq/v/5/e

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Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

Study

VENTE 1997

Reported in:
Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in
Forskningscenter for Livskvalitet , Forskningscentrets Forlag, København, Denmark,
ISBN 8790190130

Population:
31-33 aged, born at the university hospital, Denmark, 1993

Sample:
Non-probability chunk sample

Non-Response:
36%

N:
4626

Measured Correlate

Class:
Earlier medical treatment Code: M 6.1.1

Measurement:
(a) polio vaccination in the child's first year
   a1: not done
   a2: 1 injection
   a3: 2 injections
   a4: 3 injections
   a5: 4 injections
(b) polio vaccination, manner of administration
   b1: not done
   b2: interval less than 2 months
   b3: interval over 2 months

Measured Values:
N a all:4073, %: a1:7.0, a2:3.8, a3:10.3, a4:78.6, a5:0.3
N b all:3582, %:b1:8.0, b2:89.5, b3:2.5

Error Estimates:

Remarks:

Observed Relation with Happiness

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| A-AOL/m/sq/v/5/a | r=+.02 ns | a1: Ms=7.75
|                 |            | a2: Ms=7.51
|                 |            | a3: Ms=7.55
|                 |            | a4: Ms=7.78
|                 |            | a5: Ms=8.04
|                 |            | b1: Ms=7.75
|                 |            | b2: Ms=7.75
|                 |            | b3: Ms=7.84
| O-HL/c/sq/v/5/h | r=-.00 ns  | a1: Ms=7.05
|                 |            | a2: Ms=7.08
|                 |            | a3: Ms=6.94
|                 |            | a4: Ms=7.03
|                 |            | a5: Ms=6.79
b1: Ms = 7.05
b2: Ms = 7.00
b3: Ms = 7.05

O-SSLu/c/sq/v/5/e r = +.03 ns

a1: Ms = 7.33
a2: Ms = 7.16
a3: Ms = 7.26
a4: Ms = 7.45
a5: Ms = 8.04

b1: Ms = 7.33
b2: Ms = 7.43
b3: Ms = 7.34
Findings on Happiness & MEDICAL TREATMENT

Study: VENTE 1997

Reported in: Ventegodt, S.
Livskvalitet og omstændigheder tidligt I livet (The quality of Life and Factors in Pregnancy, Birth and Infancy)

Population: 31-33 aged, born at the university hospital, Denmark, 1993
Sample: Non-probability chunk sample
Non-Response: 36%
N: 4626

Measured Correlate

Class: Earlier medical treatment Code: M 6.1.1
Measurement: mother's use of barbiturate use during pregnancy
1: never used
2: one of the following:
   2a: used in 1st month
   2b: used in 2nd month
   2c: used in 3rd month
   2d: used in 2nd trimester
   2e: used in third trimester
   2f: used in last month

Measured Values: N: all:3040, %:1:69.2, 2:935, 2a:1.9, 2b:2.2, 2c:2.6, 2d:4.7, 2e:7.1, 2f:12.2

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-AOL/m/sq/v/5/a  DMt=+  1: Mt = 7.75
               2: Mt = 7.78
               2a: Mt = 7.63
               2b: Mt = 7.76
               2c: Mt = 7.81
               2d: Mt = 7.90
               2e: Mt = 7.73
               2f: Mt = 7.78

O-HL/c/sq/v/5/h  DMt=0  1: Mt = 7.01
               2: Mt = 7.01
               2a: Mt = 6.85
               2b: Mt = 6.90
               2c: Mt = 6.99
               2d: Mt = 7.16
               2e: Mt = 6.99
               2f: Mt = 7.03
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<td>Mt = 7.44</td>
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<td>2f:</td>
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Findings on Happiness & MEDICAL TREATMENT
Correlate Code: M 6

Study
VENTE 1995

Reported in: Ventegodt, S.
Livskvalitet i Danmark.(Quality of Life in Denmark)
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark,
ISBN 8790190017

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

Measured Correlate

Class: Currently in treatment or not  Code: M 6.2

Measurement: Single question:
"Are you receiving medical or alternative treatment at present ?"
- a: no treatment
- b: only medical treatment
- c: only alternative treatment
- d: both medical and alternative treatment

Measured Values: N: a:1045, b:265, c:32, d:45

Error Estimates:

Remarks:

Observed Relation with Happiness

<table>
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<th>Happiness Query</th>
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<th>Remarks</th>
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<td>b: Mt = 7.05</td>
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<td>c: Mt = 6.73</td>
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<td>d: Mt = 5.84</td>
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<td>All Mt = 7.78</td>
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<td>O-HL/c/sq/v/5/h</td>
<td>DMt=</td>
<td>a: Mt = 7.08</td>
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<td>b: Mt = 6.61</td>
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<td>All Mt = 7.45</td>
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Page 36 of 80
Study VENTE 1996

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

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

Measured Correlate

Class: Currently in treatment or not Code: M 6.2

Measurement: Single question:
'Are you receiving medical or alternative treatment at present ?'
1: no treatment
2: one of the following:
2a: only medical treatment
2b: only alternative treatment
2c: both medical and alternative treatment

Measured Values: N: All: 4496; 2a: 19,0; 2b: 3,8; 2c: 3,4

Error Estimates:

Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>DMa=-</td>
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<tr>
<td>1: Mt = 7.95</td>
<td></td>
<td></td>
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<tr>
<td>2: Mt = 7.18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2a: Mt = 7.20</td>
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<td></td>
</tr>
<tr>
<td>2b: Mt = 7.49</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2c: Mt = 6.64</td>
<td></td>
<td></td>
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<tr>
<td>O-HL/c/sq/v/5/h</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1: Mt = 7.13</td>
<td></td>
<td></td>
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<tr>
<td>2: Mt = 6.99</td>
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<td></td>
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<tr>
<td>2a: Mt = 6.80</td>
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<td></td>
</tr>
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<td>2b: Mt = 6.71</td>
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<td></td>
</tr>
<tr>
<td>2c: Mt = 6.31</td>
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<tr>
<td>O-SLu/c/sq/v/5/e</td>
<td>DMa=-</td>
<td></td>
</tr>
<tr>
<td>1: Mt = 7.56</td>
<td></td>
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<tr>
<td>2: Mt = 7.01</td>
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<td></td>
</tr>
<tr>
<td>2a: Mt = 7.08</td>
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<tr>
<td>2b: Mt = 7.13</td>
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<td></td>
</tr>
<tr>
<td>2c: Mt = 6.56</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & MEDICAL TREATMENT

Study BAKKE 1974

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

Sample:
Non-Response: 34% refusal and unattainable.
N: 1552

Measured Correlate

Class: Visits to doctor Code: M 6.2.1
Measurement: Direct question on number of consults during the past three months: 0 / 1 / 2 / 3-4 / 5-10 / more than 10

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HP/g/sq/ol/7/a G=-.18
Findings on Happiness & MEDICAL TREATMENT

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: Visits to doctor Code: M 6.2.1
Measurement: Index of closed questions: (order reversed)
1. 'Have you seen a doctor past 2 months for physical health care?' (1) yes, (2) no;
2. 'If so, how many times?', rated on a 6-point scale: (1) 1-2 times, (6) >10 times.
3. 'Have you seen a doctor past year for physical health care?' (1) yes, (2) no;
4. 'If so, how many times?', rated on a 6-point scale: (1) 1-2 times, (6) >10 times.

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
1. -.07 (ns) . .
2. -.07 (ns) . .
3. +.05 (ns) +.10 (ns) +.11 (ns)
4. +.03 (ns) -.05 (ns) +.11 (ns)
Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

Study

MOSER 1969

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


Sample:

Non-Response: 14%
unattainable etc.

N: 300

Measured Correlate

Class: Visits to doctor Code: M 6.2.1

Measurement: Question on number of doctor's consults during last year: 0 / 1-3 / 4 or more.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/5/c G=-.10 ns When elaborated for age significant among those of age 50-65 only.

Print date: 7-2-2003
World Database of Happiness: www.eur.nl/fsw/research/happiness
Page 40 of 80
Findings on Happiness & MEDICAL TREATMENT
Correlate Code: M 6

Study

VENTE 1997

Reported in: Ventegodt, S. Livskvalitet og omstændigheder tidligt I livet(The quality of Life and Factors in Pregnancy, Birth and Infancy) Forskningscenter for Livskvalitet, Forskningscentrets Forlag, København, Denmark, ISBN 8790190130

Population: 31-33 aged, born at the university hospital, Denmark, 1993

Sample: Non-probability chunk sample

Non-Response: 36%

N: 4626

Measured Correlate

Class: In hospital Code: M 6.2.2

Measurement: conditions requiring surgical intervention
a: fracture of the extremities
b: other fracture
c: acute abdomen, operated upon
d: acute abdomen, not operated upon
e: anus: fissure/stenosis/varices
f: phimosis manipulation
g: hydrocele testes and similar
h: umbilical hernia
i: inguinal hernia
j: other operations (paracentese among others)
k: other

Measured Values: N all:653, a:0,1, b:6,5, c:0,4, d:0,8, e:0,3, f:0,6, g:0,6, h:1,1, i:0,9, j:3,6, k:0,1

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
A-AOL/m/sq/v/5/a

a: Mt = 7.31
b: Mt = 7.68
c: Mt = 7.29
d: Mt = 7.96
e: Mt = 7.79
f: Mt = 6.50
g: Mt = 7.65
h: Mt = 7.31
i: Mt = 7.50
j: Mt = 7.86
k: Mt = 8.14
Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

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

<table>
<thead>
<tr>
<th></th>
<th>Mt</th>
</tr>
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<tbody>
<tr>
<td>a</td>
<td>6.50</td>
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<td>b</td>
<td>7.09</td>
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<td>c</td>
<td>7.64</td>
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<td>d</td>
<td>6.69</td>
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<td>e</td>
<td>6.81</td>
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<td>g</td>
<td>6.88</td>
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<td>h</td>
<td>6.73</td>
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<td>i</td>
<td>7.05</td>
</tr>
<tr>
<td>j</td>
<td>6.98</td>
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<tr>
<td>k</td>
<td>5.00</td>
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</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Mt</th>
</tr>
</thead>
<tbody>
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<td>f</td>
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<td>g</td>
<td>7.68</td>
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<td>h</td>
<td>7.19</td>
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<td>i</td>
<td>7.76</td>
</tr>
<tr>
<td>j</td>
<td>7.49</td>
</tr>
<tr>
<td>k</td>
<td>5.50</td>
</tr>
</tbody>
</table>
### Findings on Happiness & MEDICAL TREATMENT

**Correlate Code: M 6**

#### Study

**BACH 1991**

**Reported in:** Bach, J.R., Campagnolo, D.I. & Hoeman, S.  
Life Satisfaction of Individuals with Duchenne Muscular Dystrophy Using Long-Term Mechanical Ventilatory Support.  

**Population:** Duchenne Muscular Dystrophy patients and controls, USA, 1985

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

**Non-Response:**

- **N:** 335

#### Measured Correlate

**Class:** Kind of current treatment  
**Code:** M 6.3

**Measurement:**

- 0. Non-invasive method of ventilatory support  
- 1. Tracheostomy ventilation

**Measured Values:**

- 0. N=39  
- 1. N=33

**Error Estimates:**

**Remarks:** Patients only

#### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| O-SLW/c/sq/n/7/a | DMt=-0.4 ns | 0.: Mt = 6.83; SDs = 2.87  
1.: Mt = 6.43; SD Patients only |

---

Print date: 7-2-2003  
World Database of Happiness: www.eur.nl/fsw/research/happiness  
Page 43 of 80
Findings on Happiness & MEDICAL TREATMENT Correlate Code: M 6

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

Measured Correlate  
Class: Kind of current treatment  Code: M 6.3  
Measurement: Single question:  
"Are you receiving medical or alternative treatment at present ?"  
 a: no treatment  
b: only medical treatment  
c: only alternative treatment  
d: both medical and alternative treatment  
 
Measured Values:  
N: a:1045, b:265, c:32, d:45  

Error Estimates:  

Remarks:  

Observed Relation with Happiness  
Happiness Query  Statistics  Remarks  
A-AOL/m/sq/v/5/a  DMt=-  a: Mt =8.09  
b: Mt =7.05  
c: Mt =6.73  
d: Mt =5.84  
All Mt =7.78  

O-HL/c/sq/v/5/h  DMt=-  a: Mt =7.08  
b: Mt =6.61  
c: Mt =6.18  
d: Mt =6.00  
All Mt =6.94  

O-SLu/c/sq/v/5/e  DMt=-  a: Mt =7.64  
b: Mt =7.03  
c: Mt =6.33  
d: Mt =6.25  
All Mt =7.45  

Print date: 7-2-2003  World Database of Happiness: www.eur.nl/fsw/research/happiness  Page 44 of 80
Findings on Happiness & MEDICAL TREATMENT Correlate Code: M 6

Study

VENTE 1995

Reported in: Ventegodt, S.
Livskvalitet i Danmark.(Quality of Life in Denmark)
Forskningscentrets Forlag (The Quality of Life Research Center), København, Denmark, ISBN 8790190017

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

Sample: Non-probability purposive sample (unspecified)

Non-Response: 39%

N: 1494

Measured Correlate

Kind of current treatment Code: M 6.3

Measurement: Single question: "What treatment or medicine do you receive?"

a: alimentary tract and metabolism
b: blood and blood-forming organs
c: cardiovascular system
d: dermatologicals
e: genital-urinary system and sex hormones
f: systematic hormonal preparation (not sex hormones)
g: general anti-infectives for systematic use
h: antineoplastic and immunomodulating agents
i: muscular-skeletal system
j: CNS
k: antiparasitic products
l: respiratory system
m: sensory organs
n: misc.

Measured Values: N: a:52, b:18, c:64, d:29, e:15, f:17, g:15, h: , i:24, j:57, k:4, l:50, m:2, n:3

Error Estimates:

Remarks: In some of the groups are too few respondents. A given respondent may suffer from more than one disease.

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
A-AOL/m/sq/v/5/a | DMT= | a: alimentary tract and metabolism b: blood and blood-forming organs c: cardiovascular system d: dermatologicals e: genital-urinary system and sex hormones In some of the groups are too few respondents. A given respondent may suffer from more than one disease. Mt =7.43 Mt =7.68 Mt =7.50
<table>
<thead>
<tr>
<th>Code</th>
<th>Medical Treatment</th>
<th>MT</th>
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</thead>
<tbody>
<tr>
<td>f</td>
<td>systematic hormonal preparation (not sex hormones)</td>
<td>6.33</td>
</tr>
<tr>
<td>g</td>
<td>general antiinfectives for systematic use</td>
<td>6.63</td>
</tr>
<tr>
<td>h</td>
<td>antineoplastic and immunomodulating agents</td>
<td></td>
</tr>
<tr>
<td>i</td>
<td>muscular-skeletal system</td>
<td>6.56</td>
</tr>
<tr>
<td>j</td>
<td>CNS</td>
<td>6.23</td>
</tr>
<tr>
<td>k</td>
<td>antiparasitic products</td>
<td>6.25</td>
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<tr>
<td>m</td>
<td>sensory organs</td>
<td>2.50</td>
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<tr>
<td>n</td>
<td>misc.</td>
<td>6.66</td>
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<td>a</td>
<td>alimentary tract and metabolism</td>
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<tr>
<td>b</td>
<td>blood and blood-forming organs</td>
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<td>c</td>
<td>cardiovascular system</td>
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<tr>
<td>d</td>
<td>dermatologicals</td>
<td>6.90</td>
</tr>
<tr>
<td>e</td>
<td>genital-urinary system and sex hormones</td>
<td>6.84</td>
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<td>antineoplastic and immunomodulating agents</td>
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<td>k</td>
<td>antiparasitic products</td>
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<td>misc.</td>
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<td>genital-urinary system and sex hormones</td>
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<td>f</td>
<td>systematic hormonal preparation (not sex hormones)</td>
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<td>general antiinfectives for systematic use</td>
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<td>h</td>
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<td>i</td>
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<td>6.46</td>
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<td>CNS</td>
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<td>6.93</td>
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<tr>
<td>m</td>
<td>sensory organs</td>
<td>3.75</td>
</tr>
<tr>
<td>n</td>
<td>misc.</td>
<td>6.66</td>
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</tbody>
</table>
### Study

**Reported in:** Ventegodt, S.

Livskvalitet hos 4500 31-33 årigs (The Quality of Life of 4500 31-33-year-olds)

Forskningscenter for Livskvalitet,
Forskningscentrets Forlag, København 1996,
ISBN 8790190068

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

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

**Non-Response:** 39%

**N:** 4500

### Measured Correlate

**Class:** Kind of current treatment  Code: M 6.3

**Measurement:**

- Single question: "What treatment or medicine do you receive?"
- a: alimentary tract and metabolism
- b: blood and blood-forming organs
- c: cardiovascular system
- d: dermatologicals
- e: genital-urinary system and sex hormones
- f: systematic hormonal preparation (not sex hormones)
- g: general antiinfectives for systematic use
- h: antineoplastic and immunomodulating agents
- i: muscular-skeletal system
- j: central nervous system (CNS)
- k: antiparasitic products
- l: respiratory system
- m: sensory organs
- n: misc.

**Measured Values:**

- N: All: 863; %: a: 11.9; b: 1.7; c: 4.9; d: 13.6; e: 3.2; f: 3.7; g: 9.5; h: 0.9; i: 6.7; j: 21.4; l: 20.0; m: 1.3; n: 1.0

**Error Estimates:**

- Remarks: only patients

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
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<td>only patients</td>
</tr>
<tr>
<td>a: Mt = 6.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b: Mt = 8.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c: Mt = 7.33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d: Mt = 7.38</td>
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<td>e: Mt = 7.86</td>
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<td>f: Mt = 7.11</td>
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<td>h: Mt = 5.94</td>
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<tr>
<td>i: Mt = 6.94</td>
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<td></td>
</tr>
</tbody>
</table>
Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

j: Mt = 5.80
k: Mt =
l: Mt = 7.44
m: Mt = 7.73
n: Mt = 6.11

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

a: Mt = 6.58
b: Mt = 7.66
c: Mt = 7.26
d: Mt = 6.90
e: Mt = 7.33
f: Mt = 6.41
g: Mt = 6.71
h: Mt = 7.19
i: Mt = 6.68
j: Mt = 5.81
k: Mt =
l: Mt = 6.79
m: Mt = 6.59
n: Mt = 5.55

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

a: Mt = 6.73
b: Mt = 7.66
c: Mt = 7.63
d: Mt = 7.10
e: Mt = 7.86
f: Mt = 7.04
g: Mt = 6.89
h: Mt = 7.81
i: Mt = 7.38
j: Mt = 5.85
k: Mt =
l: Mt = 7.10
m: Mt = 7.28
n: Mt = 6.66
Study: YEO 1987

Reported in: Yeo, G., Ingram, L., Skurnick, J., and Crapo, L.
Effects of a Geriatric Clinic on Functional Health and Well-being of Elders

Population: 65+ aged, patients, ambulatory medical center, followed 18 mth, California, USA, 198?

Sample:
Non-Response: Refusal 15.91%, unable 6.17%, to 1st question. 11.36%, to 2nd question. 21.43%
N: 139

Measured Correlate

Class: Kind of current treatment Code: M 6.3
Measurement: Treatment in a
1. general medical clinic
2. geriatric clinic
The treatment in the geriatric clinic differed in the following respects from the treatment in the general clinic:
- staff specialized in geriatric problems
- social work assessment part of the routine
- extra services for elderly

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-BB/cm/mq/v/2/a  DM=+  ns

Common medical treatment in general clinic:
T1: M = 7.48  (Ms' = 8.74)
T2: M = 6.84  (Ms' = 8.42)

Special treatment for elderly in geriatric clinic:
T1: M = 7.11  (Ms' = 8.56)
T2: M = 7.32  (Ms' = 8.66)
**Findings on Happiness & MEDICAL TREATMENT**

**Correlate Code: M 6**

**Study**

**HAES 1987**  
The distinction between affect and cognition  
*Social Indicators Research, 1987, Vol 19, p.367-378*


*Sample:*  
*Non-Response:* 17% (6 refusals and one death in the meantime)

*N:* 34

---

**Measured Correlate**

*Class:* Effect of current treatment  
*Code:* M 6.4

*Measurement:*  
Happiness assessed 11 months (T1) and 18 months (T2) after surgical treatment

**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-AOL/se/sq/v/7/a | DMt=+0. p<.025 | Hedonic level (AFF 2.1) rose.  
T1: Mt' = 6.7,  
T2: Mt' = 7.2 |
| O-SLW/se/sq/?/7/a | DMt=+0. ns | Overall happiness (HAPP 2.1) remained constant.  
T1: Mt' = 7.7,  
T2: Mt' = 7.8 |
Findings on Happiness & MEDICAL TREATMENT

Study

SIMMO 1977/1

Reported in: Simmons, R.G., Klein, S.D., Simmons, R.L.
Gift of life: the social and psychological impact of organ transplantation, ch. 3: social
Wiley, New York, 1977

Population: Adult renal patients, followed before and after transplant, USA, 1970-73

Sample: Non-Response: 15%
N: 178

Measured Correlate

Class: Effect of current treatment Code: M 6.4

Measurement:
0 T1: pretransplant
1 T2: one year post transplant

Happiness of renal patients assessed at:
T1: 5 days prior to the scheduled transplant or after their names were added to the waiting list
T2: a year after the transplant

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-HL/c/sq/v/3/aa G=+.65 p<.01 Happiness at:
not too happy 25% 7%
pretty happy 58% 36%
very happy 18% 57%
tc=+.44 p<.01
### Study

<table>
<thead>
<tr>
<th>Reported in:</th>
<th>Simmons, R.G., Klein, S.D., Simmons, R.L.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population:</td>
<td>8-20 aged renal (ex-)patients and controls, USA, 1972-1973</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td></td>
</tr>
<tr>
<td>N:</td>
<td>144</td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Effect of current treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code: M 6.4</td>
<td></td>
</tr>
<tr>
<td>Measurement:</td>
<td>0 chronically ill children</td>
</tr>
<tr>
<td>1 transplanted children</td>
<td></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>M-AO/g/mq/v/5/a</td>
<td>G=+.10</td>
<td>ns</td>
</tr>
<tr>
<td></td>
<td>r=-.22</td>
<td>p&lt;..05</td>
</tr>
<tr>
<td></td>
<td>tc=+.10</td>
<td>ns</td>
</tr>
</tbody>
</table>
Findings on Happiness & MEDICAL TREATMENT

SIMMO 1977/3


Population: Kidney donors followed before and after donation, USA, 1970-1973

Sample:

Non-Response: 133

Measured Correlate

Class: Effect of current treatment Code: M 6.4

Measurement: Change in happiness before and after transplantation.
T1: pretransplant during selection check.
T3: 1 yr after transplant

Difference at T3 with controls:
- non-donor recipients
- national population USA 1965 (reported in BRADB 1969)

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa DMt=+1. CHANGE in happiness very pretty not too Mt'
- donors T1 34% 58% 8% 6.3
- donors T3 60% 35% 5% 7.8

Difference with:

G=+.03 ns
DMt=+1.
- recipients T3 26% 68% 5% 6.0
G=+.48 p<.001
DMt=+2.
- population US 30% 53% 17% 5.7
Donors were already somewhat happier than controls at T1, but became much happier at T3
Findings on Happiness & MEDICAL TREATMENT

Correlate Code: M 6

<table>
<thead>
<tr>
<th>O-SLL/c/sq/v/3/c</th>
<th>DMt=+0.</th>
<th>CHANGE in life satisfaction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>complete</td>
<td>pretty</td>
</tr>
<tr>
<td>donors T1</td>
<td>26%</td>
<td>64%</td>
</tr>
<tr>
<td>donors T3</td>
<td>37%</td>
<td>59%</td>
</tr>
</tbody>
</table>

G=+.13  p<.001

<table>
<thead>
<tr>
<th>Difference with recipients T3</th>
</tr>
</thead>
<tbody>
<tr>
<td>19% 71% 10% 5.5</td>
</tr>
</tbody>
</table>

DMt=+1.

Donor were already more satisfied than controls at T3 and became even more satisfied.

G=+.42  p<.001
## Study

**ORMEL 1980**

**Reported in:** Ormel, H.  
Moeite met leven of een moeilijk leven (Difficulty in living or a difficult life)  
Dissertation 1980, University of Groningen, the Netherlands, publisher: Konstapel, Groningen, the Netherlands.

**Population:** 15-60 aged, general public, followed 12 month, The Netherlands, 1967-77

**Sample:**

**Non-Response:** 18%

**N:** 296

## Measured Correlate

**Class:** Trust in medical professionals  
Code: M 6.5.1

**Measurement:** Participants were confronted with a list of 16 symptoms and asked whether they in that case they would consult a doctor (no/yes). Additive index.  
Assessed at T2 (1976).

**Measured Values:**

**Error Estimates:**

**Remarks:**

## Observed Relation with Happiness

**Happiness Query** | **Statistics** | **Remarks**
--- | --- | ---
A-BB/cw/mq/v/4/c | r=+.00 ns | T2 happiness by T2 readiness to consult a doctor.
| r=+.01 ns | T3 happiness by T2 readiness to consult a doctor.
### Study

**TESSL 1975**

*Reported in:* Tessler, R. & Mechanic, D.  
Consumer satisfaction with prepaid group practice: A comparative study  
Journal of Health and Social Behavior, 1975, vol. 16, p. 95 - 113

*Population:* Employees' families, two firms, USA, 1973

*Non-Response:* -

*N:* 712

### Measured Correlate

*Class:* Trust in medical professionals  
*Code:* M 6.5.1

*Measurement:* Choice between the following alternatives:  
- I have a great faith in doctors  
- In general I think doctors do a good job  
- In general I think doctors are overrated  
- I distrust doctors

### Measured Values:

### Error Estimates:

### Remarks:

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>$r = +0.03$</td>
<td>ns</td>
</tr>
</tbody>
</table>

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

Study: TESSL 1975

Reported in: Tessler, R. & Mechanic, D.
Consumer satisfaction with prepaid group practice: A comparative study
Journal of Health and Social Behavior, 1975, vol. 16, p. 95 - 113

Population: Employees’ families, two firms, USA, 1973

Sample:
Non-Response: -
N: 712

Measured Correlate

Class: Trust in medical professionals Code: M 6.5.1
Measurement: 11-item satisfaction with medical care index rephrased so as to be appropriate to measure satisfaction with care received by children.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query

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

Statistics
Beta= ns

Remarks
Computed for Ss with children under 12 only (N = 386)
Beta controlled for socio-demographic and various attitudional variables.
<table>
<thead>
<tr>
<th>Study</th>
<th>TESSL 1975</th>
<th>Page in Report: 102</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reported in:</strong></td>
<td>Tessler, R. &amp; Mechanic, D.</td>
<td></td>
</tr>
<tr>
<td>Consumer satisfaction with prepaid group practice: A comparative study</td>
<td>Journal of Health and Social Behavior, 1975, vol. 16, p. 95 - 113</td>
<td></td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>Employees’ families, two firms, USA, 1973</td>
<td></td>
</tr>
<tr>
<td><strong>Sample:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Response:</strong></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td><strong>N:</strong></td>
<td>712</td>
<td></td>
</tr>
</tbody>
</table>

**Measured Correlate**

- **Class:** Trust in medical professionals  Code: M 6.5.1
- **Measurement:** 11-item satisfaction with medical care index containing satisfaction with doctor’s concern about health, warmth and personal interest, friendliness, training and technical competence, willingness to listen, amount of time spent with you, amount of privacy in doctor’s office, amount of health information given, quality of medical care, adequacy of office facilities and equipment, and friendliness of nurses, receptionists, etc.

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>r=.12 p&lt;.001</td>
<td>Investigated among those who received some medical services in the past year.</td>
</tr>
</tbody>
</table>
**Study**

**TESSL 1975**

**Reported in:** Tessler, R. & Mechanic, D.

Consumer satisfaction with prepaid group practice: A comparative study

Journal of Health and Social Behavior, 1975, vol. 16, p. 95 - 113

**Population:** Employees’ families, two firms, USA, 1973

**Sample:**

**Non-Response:** -

**N:** 712

---

**Measured Correlate**

**Class:** Trust in medical professionals  Code: M 6.5.1

**Measurement:** Likelihood of seeking medical care in eight hypothetical situations involving pain and symptomatology.

**Measured Values:**

**Error Estimates:**

**Remarks:**

---

**Observed Relation with Happiness**

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>r = +.01</td>
<td>ns</td>
</tr>
</tbody>
</table>

Print date: 7-2-2003   World Database of Happiness: www.eur.nl/fsw/research/happiness   Page 59 of 80
### Study

<table>
<thead>
<tr>
<th>Study</th>
<th>TESSL 1975</th>
</tr>
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<tbody>
<tr>
<td>Reported in:</td>
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<tr>
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<tr>
<td>Journal of Health and Social Behavior, 1975, vol. 16, p. 95 - 113</td>
<td></td>
</tr>
<tr>
<td>Population:</td>
<td>Employees' families, two firms, USA, 1973</td>
</tr>
<tr>
<td>Sample:</td>
<td></td>
</tr>
<tr>
<td>Non-Response:</td>
<td>-</td>
</tr>
<tr>
<td>N:</td>
<td>712</td>
</tr>
</tbody>
</table>

### Measured Correlate

<table>
<thead>
<tr>
<th>Class:</th>
<th>Trust in medical professionals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code:</td>
<td>M 6.5.1</td>
</tr>
<tr>
<td>Measurement:</td>
<td>6-item index (see Bice &amp; Kalimos, 1971)</td>
</tr>
<tr>
<td>A typical item is: &quot;Do you often doubt some of the things doctors say they can do?&quot;</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-AOL/g/sq/v/3/c</td>
<td>r = -0.07</td>
<td>p &lt; 0.05</td>
</tr>
</tbody>
</table>
HULIN 1969

Reported in: Hulin, C.L.
Sources of variation in job and life satisfaction: The role of community and job-related

Population: White collar workers, living in company towns, Columbia Canada, 196?

Sample:
Non-Response: 24%
N: 470

Measured Correlate

Class: Satisfaction with health-services Code: M 6.5.2
Measurement: Question rated on a graphic rating scale very dissatisfied / somewhat dissatisfied / neither dissatisfied nor satisfied / somewhat satisfied / very satisfied.

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query Statistics Remarks
O-SLu/g/sq/t/7/a r=+.13 p<.05 Males only.
Study  |  HULIN 1969  |  Page in Report: 285
--- | --- | ---
Reported in:  | Hulin, C.L.  |
Sources of variation in job and life satisfaction: The role of community and job-related variables.  |
Population:  | White collar workers, living in company towns, Columbia Canada, 1969  |
Sample:  |  |
Non-Response:  | 24%  |
N:  | 470  |

Measured Correlate

Class:  | Satisfaction with health-services  |
Code:  | M 6.5.2  |
Measurement:  | Question rated on a graphic rating scale very dissatisfied / somewhat dissatisfied / neither dissatisfied nor satisfied / somewhat satisfied / very satisfied.  |
Measured Values:  |  |
Error Estimates:  |  |
Remarks:  |  |

Observed Relation with Happiness

Happiness Query  | Statistics  | Remarks  |
O-SLu/g/sq/t/f/7/a  | r=.13  | p<.05  |
Males only.  |  |  |
Findings on Happiness & MEDICAL TREATMENT

Study: HULIN 1969

Reported in: Hulin, C.L.
Sources of variation in job and life satisfaction: The role of community and job-related variables.

Population: White collar workers, living in company towns, Columbia Canada, 196?

Sample:

Non-Response: 24%
N: 470

Measured Correlate

Class: Satisfaction with health-services  Code: M 6.5.2

Measurement:
Question rated on a graphic rating scale very dissatisfied / somewhat dissatisfied / neither dissatisfied nor satisfied / somewhat satisfied / very satisfied.

Measured Values:
Error Estimates:
Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
O-SLu/g/sq/t/7/a  r=+  ns  Males: r = +.09 (ns)
                                  Females: r = +.05 (ns)

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### Study

<table>
<thead>
<tr>
<th>LEVY 1975/2</th>
</tr>
</thead>
</table>

**Reported in:** Levy, S. & Guttman, L.  
On the multivariate structure of well-being  

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

**Sample:**

**Non-Response:** -

**N:** 1830

### Measured Correlate

**Class:** Satisfaction with health-services  
Code: M 6.5.2

**Measurement:** Direct closed question

### Observed Relation with Happiness

<table>
<thead>
<tr>
<th>Happiness Query</th>
<th>Statistics</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/c/sq/v/4/b</td>
<td>mc=+.20</td>
<td></td>
</tr>
<tr>
<td>O-HL/c/sq/?/6/a</td>
<td>mc=+.15</td>
<td></td>
</tr>
</tbody>
</table>
Study: TESSL 1975

Reported in: Tessler, R. & Mechanic, D.
Consumer satisfaction with prepaid group practice: A comparative study
Journal of Health and Social Behavior, 1975, vol. 16, p. 95 - 113

Population: Employees’ families, two firms, USA, 1973

Sample:
Non-Response: -
N: 712

Measured Correlate

Class: Satisfaction with health-services Code: M 6.5.2
Measurement: 11-item satisfaction with medical care index rephrased so as to be appropriate to measure satisfaction with care received by children.

Measured Values:
Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query | Statistics | Remarks
--- | --- | ---
A-AOL/g/sq/v/3/c | Beta= ns | Computed for Ss with children under 12 years only (N = 386)

\* controlled for socio-demographic and various attitudinal variables.
Findings on Happiness & MEDICAL TREATMENT  Correlate Code: M 6

Study  TESSL 1975  Page in Report: 103

Reported in: Tessler, R. & Mechanic, D.
Consumer satisfaction with prepaid group practice: A comparative study
Journal of Health and Social Behavior, 1975, vol. 16, p. 95 - 113

Population: Employees’ families, two firms, USA, 1973

Sample:

Non-Response: -

N: 712

Measured Correlate

Class: Satisfaction with health-services  Code: M 6.5.2

Measurement: 11-item satisfaction with medical care index containing satisfaction with doctor’s concern about health, warmth and personal interest, friendliness, training and technical competence, willingness to listen, amount of time spent with you, amount of privacy in doctor’s office, amount of health information given, quality of medical care, adequacy of office facilities and equipment, and friendliness of nurses, receptionists, etc.

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query  Statistics  Remarks
A-AOL/g/sq/v/3/c  r=+.12  p<.001  Investigated among those who received some medical services in the past year.
# Appendix 1

## Queries on Happiness used in reported Studies

<table>
<thead>
<tr>
<th>Happiness Query Code</th>
<th>Full Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-AOL/c/sq/v/4/b</td>
<td>Selfreport on single closed question:</td>
</tr>
<tr>
<td></td>
<td>&quot;How is your mood these days....?&quot;</td>
</tr>
<tr>
<td></td>
<td>4 very good all the time</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1 not good almost all the time</td>
</tr>
<tr>
<td>A-AOL/g/sq/v/3/c</td>
<td>Selfreport on single question:</td>
</tr>
<tr>
<td></td>
<td>&quot;Would you say that your spirits most of the time are...?&quot;</td>
</tr>
<tr>
<td></td>
<td>3 very good</td>
</tr>
<tr>
<td></td>
<td>2 fair</td>
</tr>
<tr>
<td></td>
<td>1 low</td>
</tr>
<tr>
<td>A-AOL/m/sq/v/5/a</td>
<td>Single direct question:</td>
</tr>
<tr>
<td></td>
<td>'How are you feeling now....?'</td>
</tr>
<tr>
<td></td>
<td>5 very good</td>
</tr>
<tr>
<td></td>
<td>4 good</td>
</tr>
<tr>
<td></td>
<td>3 neither good nor poor</td>
</tr>
<tr>
<td></td>
<td>2 poor</td>
</tr>
<tr>
<td></td>
<td>1 very poor</td>
</tr>
<tr>
<td></td>
<td>Original text in Danish:</td>
</tr>
<tr>
<td></td>
<td>'Hvordan har du det for tiden?'</td>
</tr>
<tr>
<td></td>
<td>5 meget godt</td>
</tr>
<tr>
<td></td>
<td>4 godt</td>
</tr>
<tr>
<td></td>
<td>3 hverken godt eller darligt</td>
</tr>
<tr>
<td></td>
<td>2 dårligt</td>
</tr>
<tr>
<td></td>
<td>1 meget dårligt</td>
</tr>
<tr>
<td>A-AOL/se/sq/v/7/a</td>
<td>Selfreport on single question</td>
</tr>
<tr>
<td></td>
<td>&quot;Taken things together: how did you feel since you got ill....?&quot;</td>
</tr>
<tr>
<td></td>
<td>7 very good</td>
</tr>
<tr>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1 very bad</td>
</tr>
<tr>
<td>A-BB/cm/mq/v/2/a</td>
<td>Selfreport on 10 questions:</td>
</tr>
<tr>
<td></td>
<td>&quot;During the past few weeks, did you ever feel ....?&quot; (yes/no)</td>
</tr>
<tr>
<td></td>
<td>A Particularly exited or interested in something?</td>
</tr>
<tr>
<td></td>
<td>B So restless that you couldn't sit long in a chair?</td>
</tr>
<tr>
<td></td>
<td>C Proud because someone complimented you on something you had done?</td>
</tr>
<tr>
<td></td>
<td>D Very lonely or remote from other people?</td>
</tr>
<tr>
<td></td>
<td>E Pleased about having accomplished something?</td>
</tr>
</tbody>
</table>
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/c

Selfreport on 8 questions:
" In the past few weeks did you ever feel.....?"
A  Pleased about having accomplished something
B  Upset because someone critized you
C  Proud because someone complimented you one something you had done
D  That things are going your way
E  So restless you couldn't sit long in a chair
F  Unhappy or depressed
G  Particularly interested in something
H  Lonely and remote from other people

Response options:
0  not at all
1  sometimes
2  often
3  very often

Scoring: a = 0..........d  = 3

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

Name: Bradburn's Affect Balance Scale (variant)

M-AO/g/mq/v/5/a

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'

O-DT/u/sq/l/7/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-HL/c/sq/?/6/a Selfreport on single question:

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

O-HL/c/sq/v/3/aa Selfreport on single question:

'Taken all together, how would you say things are these days? Would you say that you are....?"
3 very happy
2 pretty happy
1 not too happy

O-HL/c/sq/v/3/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/5/c Selfreport on single question:

"Taking all things together, how would you say you are these days.....?"
5 extremely happy
4 very happy
3 happy
2 pretty happy
1 not too happy

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

O-HL/c/sq/v/5/h Selfreport on single question

'How happy are you now?'
5 very happy
4 happy
3 neither happy nor unhappy
2 unhappy
1 very unhappy

Original text in Danish:
'Hvor lykkelig er du for tiden?'
5 meget lykkelig
4 lykkelig
3 hverken eller
2 ullykkelig
1 meget ullykkelig

O-HP/g/sq/ol/7/a Selfreport on single question:

"Generally speaking are you a happy person.......?"

Responses were made on an open line scale, and were later coded in 7 categories:
1 very unhappy
2
3
4
5
6
7 very happy.

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

O-SLL/c/sq/v/3/c Selfreport on single question:
"In general: how satisfying do you find the way of life these days......?"
3 completely satisfying
2 pretty satisfying
1 not satisfying

Selfreport on single question:

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

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

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

Selfreport on single question:

'O- SLu/g/sq/lf/7/a

"...... satisfaction with life in general......." (Full question not reported.)

Responses scored on pictorial scale consisting of seven smilies, expressing variations from very unhappy to very happy.
1 unhappy face
2
3
4 neutral face
5
6
7 unhappy face
(Pictures not reproduced here.)

Name: Kunin's 'Faces Scale'.

Selfreport on single question:

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

"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

Selfreport on single question:
"How satisfied are you about your life as a whole since that time?" (onset of disease)
7 very satisfied
6
5
4
3
2
1 very dissatisfied

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

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<tr>
<th>Symbol</th>
<th>Explanation</th>
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</thead>
</table>
| 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. |
| 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. |
| DMa    | DIFFERENCE IN ADJUSTED MEANS, See also Ma  
Computed in Analysis of Covariance (ANCOVA) or in multiple classification analysis (MCA)  
Seldom used in happiness research. See excerpted report for further reference. |
| DMt    | DIFFERENCE of MEANS AFTER TRANSFORMATION  
Type: descriptive statistic only.  
Measurement level: Correlate: dichotomous, Happiness: metric  
Theoretical range: [-10; +10]  
Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels. |
| G      | GOODMAN & Kruskal's GAMMA  
Type: test statistic  
Measurement level: Correlate: ordinal, 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. |
| mc     | Guttman's monotonicity coefficient.  
Range: [-1, +1].  
Measurement level: Both correlate and happiness ordinal or interval  
Based on the multiplication of signed differences within one variable with the |
corresponding difference in the second variable and summation over all possible differences.
Seldom used in happiness research. See excerpted report.

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

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

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
  - How happy people are
  - Happiness in Nations (4)
  - Happiness in Publics (6)
- Correlational Findings
  - What goes with happiness

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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## Appendix 5  Related Topics

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End of Report