# World Database of Happiness

## Correlational Findings on Happiness and FARMING Subject Code: F4



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*Classification of Findings*

| *Subject Code* | *Description* | *Nr of Studies on this Subject* |
|---|---|---|
| F4 | FARMING | 0 |
| F4.1 | Farming career | 0 |
| F4.2 | Current involvement in farming | 0 |
| F4.2.1 | Being a farmer | 2 |
| F4.2.2 | Being wife of a farmer | 1 |
| F4.2.3 | Time spend to farming | 3 |
| F4.2.4 | Self reliance | 3 |
| F4.3 | Current characteristics of the farm | 2 |
| F4.3.1 | Size of farm | 3 |
| F4.3.2 | Specialization of farm | 5 |
| F4.3.3 | Economic success of farm | 3 |
| F4.4 | Attitudes to farming | 1 |
| F4.4.1 | Concern about farming | 2 |
| F4.4.2 | Satisfaction with farming | 0 |
| Appendix 1 | Happiness Items 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 Subjects | |

Cite as

Veenhoven, R.: Findings on FARMING
World Database of Happiness, Correlational Findings
Internet: worlddatabaseofhappiness.eur.nl
Erasmus University Rotterdam, 2009, Netherlands

# Correlational finding on Happiness and Being a farmer
# Subject code: F4.2.1

## Study BOHNK 2008

*Reported in:* Böhnke, P.; Kohler, U.
Well-being and Inequality
WZB Discussion Paper no. SP I 2008-201, 2008, Berlin, Germany ISSN 1612 3468
http://www.wzb.eu
Page in Report: 24

*Population:* 18+ aged, in 28 European nations, 2003

*Sample:* Mixed samples

*Non-Response:*

*N:* 18600

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## Correlate

*Authors label:* Social class

*Our classification:* Being a farmer, code F4.2.1

*Measurement:*
```
0 = Upper white collar (reference)
b = Lower white collar
c = Self employed
d = Skilled worker
e = Non skilled worker
f = Farmer
g = Other
```

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLu/c/sq/n/10/b | | LOWER WHITE COLLAR (vs Upperwhite collar) |
| O-SLu/c/sq/n/10/b | B=-.29 p<.05 | No controls |

| | | |
|---|---|---|
| O-SLu/c/sq/n/10/b | B=-.12<br>p<.05 | B controlled for<br>-gender<br>-age<br>-type of community<br>-income<br>-employment<br>-education<br>-housing |
| O-SLu/c/sq/n/10/b | B=-.09<br>p<.05 | B additionally controlled for<br>-marital status<br>-contacts with friends/neighbours<br>-voluntary work |
| O-SLu/c/sq/n/10/b | B=-.07<br>ns | B additionally controlled for<br>-church attendance<br>-internet use |
| O-SLu/c/sq/n/10/b | B=-.05<br>ns | B additionally controlled for<br>-long term illness and health satisfaction |
| O-SLu/c/sq/n/10/b | | SELF EMPLOYED (vs Upper white collar) |
| O-SLu/c/sq/n/10/b | B=-.22<br>p<.05 | No controls |
| O-SLu/c/sq/n/10/b | B=-.11<br>ns | B controlled for<br>-gender<br>-age<br>-type of community<br>-income<br>-employment<br>-education<br>-housing |
| O-SLu/c/sq/n/10/b | B=-.10<br>ns | B additionally controlled for<br>-marital status<br>-contacts with friends/neighbours<br>-voluntary work |

| | | |
|---|---|---|
| O-SLu/c/sq/n/10/b | B=-.08 ns | B additionally controlled for<br>-church attendance<br>-internet use |
| O-SLu/c/sq/n/10/b | B=-.06 ns | B additionally controlled for<br>-long term illness and health satisfaction |
| O-SLu/c/sq/n/10/b | | SKILLED WORKERS (vs Upper White Collar) |
| O-SLu/c/sq/n/10/b | B=-.72 p<.05 | No controls |
| O-SLu/c/sq/n/10/b | B=-.32 p<.05 | B controlled for<br>-gender<br>-age<br>-type of community<br>-income<br>-employment<br>-education<br>-housing |
| O-SLu/c/sq/n/10/b | B=-.28 p<.05 | B additionally controlled for<br>-marital status<br>-contacts with friends/neighbours<br>-voluntary work |
| O-SLu/c/sq/n/10/b | B=-.24 p<.05 | B additionally controlled for<br>-church attendance<br>-internet use |
| O-SLu/c/sq/n/10/b | B=-.17 p<.05 | B additionally controlled for<br>-long term illness and health satisfaction |
| O-SLu/c/sq/n/10/b | | FARMERS (vs Upper white collar) |
| O-SLu/c/sq/n/10/b | B=-.61 p<.05 | No controls |

| | | |
|---|---|---|
| O-SLu/c/sq/n/10/b | B=-.18 ns | B controlled for<br>-gender<br>-age<br>-type of community<br>-income<br>-employment<br>-education<br>-housing |
| O-SLu/c/sq/n/10/b | B=-.18 ns | B additionally controlled for<br>-marital status<br>-contacts with friends/neighbours<br>-voluntary work |
| O-SLu/c/sq/n/10/b | B=-.19 ns | B additionally controlled for<br>-church attendance<br>-internet use |
| O-SLu/c/sq/n/10/b | B=-.05 ns | B additionally controlled for<br>-long term illness and health satisfaction |
| O-SLu/c/sq/n/10/b | | NON-SKILLED WORKERS |
| O-SLu/c/sq/n/10/b | B=-.94 p<.05 | No controls |
| O-SLu/c/sq/n/10/b | B=-.43 p<.05 | B controlled for<br>-gender<br>-age<br>-type of community<br>-income<br>-employment<br>-education<br>-housing |
| O-SLu/c/sq/n/10/b | B=-.37 p<.05 | B additionally controlled for<br>-marital status<br>-contacts with friends/neighbours<br>-voluntary work |

| | | |
|---|---|---|
| O-SLu/c/sq/n/10/b | B=-.32 p<.05 | B additionally controlled for<br>-church attendance<br>-internet use |
| O-SLu/c/sq/n/10/b | B=-.20 p<.05 | B additionally controlled for<br>-long term illness and health satisfaction |

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## Correlational finding on Happiness and Being a farmer
## Subject code: F4.2.1

### Study KILPA 1960/1

*Reported in:* Kilpatrick, F. P.; Cantril, H.
Self- Anchoring Scaling: A Measure of Individuals' Unique Reality Worlds.
Journal of Individual Psychology, 1960, Vol. 16, 158 - 173
Page in Report: 164

*Population:* Adults, USA

*Sample:* Non-probability purposive sample

*Non-Response:*

*N:* 100

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### Correlate

*Authors label:* Categories of adult Americans

*Our classification:* Being a farmer, code F4.2.1

*Measurement:*
a Negroes
b Immigrants
c Farmers
d Junior executives
e College teachers

---

### Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|

| | | | |
|---|---|---|---|
| C-BW/c/sq/l/11/c | DM= | Negroes | M=4,9 |
| | | Immigrants | M=7,0 |
| | | Farmers | M=7,3 |
| | | Junior executives | M=7,6 |
| | | College teachers | M=7,7 |

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## Correlational finding on Happiness and Being wife of a farmer
## Subject code: F4.2.2

### Study HAUGE 2005

*Reported in:* Haugen, M.S., Blekesaune, A.
Farm and Off-farm Work and Life Satisfaction among Norwegian Farm Women.
Sociologia Ruralis, 2005, Vol 45, 71 - 85. ISSN 0038 0199
Page in Report: 74, 81, 82

*Population:* Farm women, Norway, 1995

*Sample:* Probability sample (unspecified)

*Non-Response:*

*N:* 928

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### Correlate

*Authors label:* Labour categories

*Our classification:* Being wife of a farmer, code F4.2.2

*Measurement:*
```
a Working on farm
b Working off farm
c Working on and off-farm
d Housewives
```

*Measured Values:* a = 28 %, b = 31 %, c = 25 %, d = 16 %.

*Remarks:* The housewives group is a mixture of those who give priority to their present care responsibilities, those who might have health problems which prevent them from being active, and also those women who unintentionally are under-employed)

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLu/c/sq/n/10/b | DM= | a On farm M = 7,9 SD = 1,6<br>b Off farm M = 8,3 SD = 1,4<br>c Working on and off-farm M = 8,1 SD = 1,8<br>d Housewives M = 8,0 SD = 1,6 |
| O-SLu/c/sq/n/10/b | F=4,26 p<.01 | |
| O-SLu/c/sq/n/10/b | B= ns | B controlled for Health problems |
| O-SLu/c/sq/n/10/b | F=1,91 | |

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## Correlational finding on Happiness and Time spend to farming
## Subject code: F4.2.3

### Study HAUGE 2005

*Reported in:* Haugen, M.S., Blekesaune, A.
Farm and Off-farm Work and Life Satisfaction among Norwegian Farm Women.
Sociologia Ruralis, 2005, Vol 45, 71 - 85. ISSN 0038 0199
Page in Report: 74, 81, 82

*Population:* Farm women, Norway, 1995

*Sample:* Probability sample (unspecified)

*Non-Response:*

*N:* 928

---

### Correlate

*Authors label:* Labour categories

*Our classification:* Time spend to farming, code F4.2.3

*Measurement:*
```
a Working on farm
b Working off farm
c Working on and off-farm
d Housewives
```

*Measured Values:* a = 28 %, b = 31 %, c = 25 %, d = 16 %.

*Remarks:* The housewives group is a mixture of those who give priority to their present care responsibilities, those who might have health problems which prevent them from being active, and also those women who unintentionally are under-employed)

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLu/c/sq/n/10/b | DM= | a On farm M = 7,9 SD = 1,6<br>b Off farm M = 8,3 SD = 1,4<br>c Working on and off-farm M = 8,1 SD = 1,8<br>d Housewives M = 8,0 SD = 1,6 |
| O-SLu/c/sq/n/10/b | F=4,26 p<.01 | |
| O-SLu/c/sq/n/10/b | B= ns | B controlled for Health problems |
| O-SLu/c/sq/n/10/b | F=1,91 | |

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## Correlational finding on Happiness and Time spend to farming
## Subject code: F4.2.3

### Study MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 150/156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

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## Correlate

*Authors label:* Percent farm income (1)

*Our classification:* Time spend to farming, code F4.2.3

*Measurement:* Single closed question: "What percentage of your total family income was from farming?" Rated on a 5-point scale ranging from '0 to 19 percent' to ' 80 to 100 percent'.

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| C-BW/cy/sq/l/9/a | r=+.08 p<..05 | |
| C-BW/cy/sq/l/9/a | r=+.08 p<.05 | |
| C-BW/cy/sq/l/9/a | Beta= +.12 p<.05 | ß controlled for:gross farm sales, land operated, total family income, off-farm work days, wife's work status, growth plans, commitment to farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=+.08<br>-medium ß=+.16<br>-large ß=+.02 |

| | | |
|---|---|---|
| C-BW/cy/sq/l/9/a | Beta= +.12 p<.05 | ß controlled for: gross farm sales, land operated, total family income, off-farm work days, wife's work status, growth plans, commitment to farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=+.08<br>-medium ß=+.16<br>-large ß=+.02 |

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## Correlational finding on Happiness and Time spend to farming
## Subject code: F4.2.3

### Study MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 150/156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

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### Correlate

*Authors label:* Off-farm workdays (1)

*Our classification:* Time spend to farming, code F4.2.3

*Measurement:* Single closed question rated on a 6-point scale ranging from 'none' to '200 days or more'

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### Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|

| | | |
|---|---|---|
| C-BW/cy/sq/l/9/a | r=+.07 ns | |
| C-BW/cy/sq/l/9/a | r=+.07 ns | |
| C-BW/cy/sq/l/9/a | Beta= +.18 p<.01 | ß controlled for:gross farm sales, percent farm income, total family income, land operated, wife's work status, growth plans, commitment to farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=+.23<br>-medium ß=+.19<br>-large ß=+.03 |
| C-BW/cy/sq/l/9/a | Beta= +.18 p<.01 | ß controlled for: gross farm sales, percent farm income, total family income, land operated, wife's work status, growth plans, commitment to farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=+.23<br>-medium ß=+.19<br>-large ß=+.03 |

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## Correlational finding on Happiness and Self reliance
## Subject code: F4.2.4

### Study BRINK 1986A

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

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

*Sample:* Non-probability purposive sample

*Non-Response:* 44 %

*N:* 510

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## Correlate

*Authors label:* family skill index (1)

*Our classification:* Self reliance, code F4.2.4

*Measurement:*
```
Respondents were asked to rate themselves or their spouses
from "very good" to "not at all good" on eight
back-to-the-land skills:
-carpentry
-plumbing
-car repairs
-electrical work
-gardening
-sewing
-spinning
-veterinary skills
```

*Measured Values:* ranges from 8-32

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-HL/u/sq/v/4/a | r=+.16<br>p<.001 | |

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# Correlational finding on Happiness and Self reliance
# Subject code: F4.2.4

## Study BRINK 1986B

*Reported in:* Brinkerhoff, M.B.; 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, 1986, New Delhi, India, August 18-22.
Page in Report: table 4

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

*Sample:* Non-probability purposive sample

*Non-Response:* 33.8%

*N:* 554

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## Correlate

*Authors label:* technological self-reliance (1)

*Our classification:* Self reliance, code F4.2.4

*Measurement:* Respondents were presented with a list of 25 alternative technologies (gardens, windmills, greenhouses etc.) They were asked, whether they employed the particular practises,and then requested to note the effectiveness of the technologies in terms of 'providing your family with independence or self-reliance'.

*Measured Values:* Range: 1-100

*Error Estimates:* Cronbach's alfa: .72

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-HL/u/sq/v/4/a | r=+.24<br>p<.001 | |

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# Correlational finding on Happiness and Self reliance
# Subject code: F4.2.4

## Study BRINK 1986B

*Reported in:* Brinkerhoff, M.B.; 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, 1986, New Delhi, India, August 18-22.
Page in Report: table 4

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

*Sample:* Non-probability purposive sample

*Non-Response:* 33.8%

*N:* 554

---

## Correlate

*Authors label:* Self reliance

*Our classification:* Self reliance, code F4.2.4

*Measurement:*
```
Single question:
'What percentage of food your family eats do you estimate
is produced on your property?'
```

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-HL/u/sq/v/4/a | r=+.19<br>p<.001 | |

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# Correlational finding on Happiness and Current characteristics of the farm Subject code: F4.3

## Study MOLLE 1988

*Reported in:* Moller, V.
Quality of Life in Retirement: A Case Study of Zulu Return Migrants.
Social Indicators Research, 1988, Vol. 20, 621 - 658. ISSN 0303 8300
Page in Report: 630

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

*Sample:*

*Non-Response:*

*N:* 253

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## Correlate

*Authors label:* Perceived security of landholding (1)

*Our classification:* Current characteristics of the farm, code F4.3

*Measurement:*
```
0: insecure
1: secure
```

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLW/u/sq/v/5/d | r=+.26 p<.01 | |
| O-HL/c/sq/v/5/a | r=+.33 p<.01 | All |
| O-HL/c/sq/v/5/a | Beta= +.11 ns | -65 years old<br>ß controlled for:<br>1 Satisfied with health<br>2 Higher monthly income<br>3 Religious traditionalist<br>4 Grows cash crop<br>5 Retired for many years<br>6 Worked for many years in jobs<br>7 No desire to return to work<br>8 Achieved/confident of becoming wealthy |

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## Correlational finding on Happiness and Current characteristics of the farm Subject code: F4.3

## Study MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

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## Correlate

*Authors label:* Farm structure - andindividual charact- eristics (1)

*Our classification:* Current characteristics of the farm, code F4.3

*Measurement:*
'Farm structure charisteristics':
- gross farm sales
- land operated
- percent farm income
- total family income
- off-farm workdays
- wife's work status

'Individual characteristics':
- growth plans
- commitment to farming
- economic constraints
- self-definition as a farm operator
- age
- education

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| C-BW/cy/sq/l/9/a | $R^2$=.21 | When specified for size of farm:<br>- small : $R^2$ = .19<br>- medium: $R^2$ = .30<br>- large : $R^2$ = .18 |
| C-BW/cy/sq/l/9/a | $R^2$=.21 | When specified for size of farm:<br>- small : $R^2$ = .19<br>- medium: $R^2$ = .30<br>- large : $R^2$ = .18 |

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## Correlational finding on Happiness and Size of farm
## Subject code: F4.3.1

## Study BRINK 1986A

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

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

*Sample:* Non-probability purposive sample

*Non-Response:* 44 %

*N:* 510

---

## Correlate

*Authors label:* property size (1)

*Our classification:* Size of farm, code F4.3.1

*Measurement:* `self reported amount of acres of mini-farm`

*Measured Values:* range 0-1000; M=10.2

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-HL/u/sq/v/4/a | r=+.09<br>p<.05 | |

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# Correlational finding on Happiness and Size of farm
# Subject code: F4.3.1

## Study MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 150,156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

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## Correlate

*Authors label:* Gross farm sales (1)

*Our classification:* Size of farm, code F4.3.1

*Measurement:* Single direct question: 'What was the approximale gross value of farm sales from this place in 1980. Rated on a 7-point scale ranging from $ 2.500 to $ 100.000 or more.

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## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| C-BW/cy/sq/l/9/a | r=+.16 p<..05 | |
| C-BW/cy/sq/l/9/a | r=+.16 p<.05 | |
| C-BW/cy/sq/l/9/a | Beta= +.05 ns | ß controlled for:land operated, percent farm income, total family income, off-farm work days, wife's work status, growth plans, commitment to farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=+.04<br>-medium ß=-.09<br>-large ß=-.08 |

| | | |
|---|---|---|
| C-BW/cy/sq/l/9/a | Beta= +.05 ns | ß controlled for: land operated, percent farm income, total family income, off-farm work days, wife's work status, growth plans, commitment to farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=+.04<br>-medium ß=-.09<br>-large ß=-.08 |

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## Correlational finding on Happiness and Size of farm
## Subject code: F4.3.1

### Study

MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 150,156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

---

### Correlate

*Authors label:* Land operated (1)

*Our classification:* Size of farm, code F4.3.1

*Measurement:* Sum of 'acress owned' and 'acres rented' minus acres rented out. Summarized in 7 categories ranging form 'less than 50 acres' ot '1000 or more'.

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### Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|

| | | |
|---|---|---|
| C-BW/cy/sq/l/9/a | r=+.11<br>p<..05 | |
| C-BW/cy/sq/l/9/a | r=+.11<br>p<.05 | |
| C-BW/cy/sq/l/9/a | Beta=-.05<br>ns | ß controlled for:gross farm sales, percent farm income, total family income, off-farm work days, wife's work status, growth plans, commitment toto farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=-.02<br>-medium ß=-.12<br>-large ß=+.01 |
| C-BW/cy/sq/l/9/a | Beta=-.05<br>ns | Controlled for: gross farm sales, percent farm income, total family income, off-farm work days, wife's work status, growth plans, commitment toto farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=-.02<br>-medium ß=-.12<br>-large ß=+.01 |

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## Correlational finding on Happiness and Specialization of farm
## Subject code: F4.3.2

### Study MOLLE 1988

*Reported in:* Moller, V.
Quality of Life in Retirement: A Case Study of Zulu Return Migrants.
Social Indicators Research, 1988, Vol. 20, 621 - 658. ISSN 0303 8300
Page in Report: 630

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

*Sample:*

*Non-Response:*

*N:* 253

---

## Correlate

*Authors label:* Need to purchase maize (1)

*Our classification:* Specialization of farm, code F4.3.2

*Measurement:*
```
0: self-supporting
1: need to buy (not self-supporting)

Peasants are typically self-supporting
in maize, whereas market oriented farmers buy it.
```

*Remarks:*
```
Landowners only
Direction of correlation unclear in original report. Sign
in table is negative, but text indicates positive
relationship. Present version approved by author.
```

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLW/u/sq/v/5/d | r=+.29 p<.01 | All |
| O-HL/c/sq/v/5/a | r=-.43 p<.01 | All |
| O-HL/c/sq/v/5/a | Beta=-.14 p<.01 | All<br>ß controlled for:<br>1 Satisfied with health<br>2 Higher affluence rating<br>3 Grows cash crop<br>4 Religious traditionalist<br>5 Has a confidant<br>6 Keeps goats<br>7 Higher monthly income<br>8 More active person<br>9 Worked for many years in jobs<br>10 Retired for many years<br>11 No desire to return to work<br>12 Agrees: Modern community leader |

| | | |
|---|---|---|
| O-SLW/u/sq/v/5/d | Beta= +.03 ns | 65+ years old<br>ß controlled for:<br>1 Satisfied with health<br>2 Grows cash crop<br>3 Voluntary retirement<br>4 Owns cattle<br>5 Keeps chicken<br>6 Satisfied with job while working<br>7 Feels relatively young<br>8 Retired suddenly<br>9 Agrees:planning is key to success |
| O-HL/c/sq/v/5/a | Beta=-.17 p<.01 | 65+ years old<br>ß controlled for:<br>1 Seldom restricted by poor health<br>2 Higher affluence rating<br>3 Grows cash crop<br>4 Religious traditionalist<br>5 More active person<br>6 Keeps chicken<br>7 Has a confident<br>8 Higher standard house<br>9 Keeps goats<br>10 Larger size field<br>11 Higher monthly income<br>12 No desire to return to work |

---

## Correlational finding on Happiness and Specialization of farm
## Subject code: F4.3.2

### Study MOLLE 1988

*Reported in:* Moller, V.
Quality of Life in Retirement: A Case Study of Zulu Return Migrants.
Social Indicators Research, 1988, Vol. 20, 621 - 658. ISSN 0303 8300
Page in Report: 630

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

*Sample:*

*Non-Response:*

*N:* 253

---

## Correlate

*Authors label:* Grows cash crop (1)

*Our classification:* Specialization of farm, code F4.3.2

*Measurement:*
0: no
1: yes

*Remarks:* Landowners only
Direction of correlation unclear in original report. Sign in table is negative, but text indicates positive relationship. Present version approved by author.

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLW/u/sq/v/5/d | r=+.26 p<.01 | All |
| O-HL/c/sq/v/5/a | r=-.41 p<.01 | All |
| O-HL/c/sq/v/5/a | Beta=-.18 p<.01 | All<br>ß controlled for:<br>1 Satisfied with health<br>2 Higher affluence rating<br>3 Need to purchase maize<br>4 Religious traditionalist<br>5 Has a confidant<br>6 Keeps goats<br>7 Higher monthly income<br>8 More active person<br>9 Worked for many years in jobs<br>10 Retired for many years<br>11 No desire to return to work<br>12 Agrees: Modern community leader |

| | | |
|---|---|---|
| O-SLW/u/sq/v/5/d | Beta= +.16 p<.05 | 65+ years old<br>ß controlled for:<br>1 Satisfied with health<br>2 Voluntary retirement<br>3 Need to purchase maize<br>4 Owns cattle<br>5 Keeps chicken<br>6 Satisfied with job while working<br>7 Feels relatively young<br>8 Retired suddenly<br>9 Agrees:planning is key to success |
| O-HL/c/sq/v/5/a | Beta=-.23 p<.01 | 65+ years old<br>ß controlled for:<br>1 Seldom restricted by poor health<br>2 Higher affluence rating<br>3 Need to purchase maize<br>4 Religious traditionalist<br>5 More active person<br>6 Keeps chicken<br>7 Has a confident<br>8 Higher standard house<br>9 Keeps goats<br>10 Larger size field<br>11 Higher monthly income<br>12 No desire to return to work |
| O-HL/c/sq/v/5/a | Beta=-.14 p<.05 | -65 years<br>ß controlled for:<br>1 Satisfied with health<br>2 Higher monthly income<br>3 Religious traditionalist<br>4 Feels land is secure<br>5 Retired for many years<br>6 Worked for many years in jobs<br>7 No desire to return to work<br>8 Achieved/confident of becoming wealthy |

---

## Correlational finding on Happiness and Specialization of farm
## Subject code: F4.3.2

Study MOLLE 1988

*Reported in:* Moller, V.
Quality of Life in Retirement: A Case Study of Zulu Return Migrants.
Social Indicators Research, 1988, Vol. 20, 621 - 658. ISSN 0303 8300
Page in Report: 630

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

*Sample:*

*Non-Response:*

*N:* 253

---

## Correlate

*Authors label:* Keeps chicken (1)

*Our classification:* Specialization of farm, code F4.3.2

*Measurement:*
```
0: no
1: yes
```

*Remarks:*
```
Landowners only
Direction of correlation unclear in original report. Sign
in table is negative, but text indicates positive
relationship. Present version approved by author.
```

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLW/u/sq/v/5/d | r=+.20 p<.01 | All |
| O-HL/c/sq/v/5/a | r=+.31 p<.01 | All |

| | | |
|---|---|---|
| O-SLW/u/sq/v/5/d | Beta= +.20 p<.05 | 65+ years old<br>ß controlled for:<br>1 Satisfied with health<br>2 Grows cash crop<br>3 Voluntary retirement<br>4 Need to purchase maize<br>5 Owns cattle<br>6 Satisfied with job while working<br>7 Feels relatively young<br>8 Retired suddenly<br>9 Agrees:planning is key to success |
| O-HL/c/sq/v/5/a | Beta= +.09 ns | 65+ years old<br>ß controlled for:<br>1 Seldom restricted by poor health<br>2 Higher affluence rating<br>3 Need to purchase maize<br>4 Grows cash crop<br>5 Religious traditionalist<br>6 More active person<br>7 Has a confidant<br>8 Higher standard house<br>9 Keeps goats<br>10 Larger size field<br>11 Higher monthly income<br>12 No desire to return to work |

---

## Correlational finding on Happiness and Specialization of farm
## Subject code: F4.3.2

### Study MOLLE 1988

*Reported in:* Moller, V.
Quality of Life in Retirement: A Case Study of Zulu Return Migrants.
Social Indicators Research, 1988, Vol. 20, 621 - 658. ISSN 0303 8300
Page in Report: 630

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

*Sample:*

*Non-Response:*

*N:* 253

---

## Correlate

*Authors label:* Owns goats (1)

*Our classification:* Specialization of farm, code F4.3.2

*Measurement:*
```
'How many goats do you own?"
0: none
1: other
```

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLW/u/sq/v/5/d | r=+.00 ns | Landowners only<br>Direction of correlation unclear in original report. Sign in table is negative, but text indicates positive relationship. Present version approved by author. |
| O-HL/c/sq/v/5/a | r=+.24 p<.01 | All |
| O-HL/c/sq/v/5/a | Beta= +.11 p<.01 | All<br>ß controlled for:<br>1 Satisfied with health<br>2 Higher affluence rating<br>3 Need to purchase maize<br>4 Grows cash crop<br>5 Religious traditionalist<br>6 Has a confidant<br>7 Higher monthly income<br>8 More active person<br>9 Worked for many years in jobs<br>10 Retired for many years<br>11 No desire to return to work<br>12 Agrees: Modern community leader |

| | | |
|---|---|---|
| O-HL/c/sq/v/5/a | Beta= +.17 p<.01 | 65+ years old<br>ß controlled for:<br>1 Seldom restricted by poor health<br>2 Higher affluence rating<br>3 Need to purchase maize<br>4 Grows cash crop<br>5 Religious traditionalist<br>6 More active person<br>7 Keeps chicken<br>8 Has a confidant<br>9 Higher standard house<br>10 Larger size field<br>11 Higher monthly income<br>12 No desire to return to work |

---

## Correlational finding on Happiness and Specialization of farm
## Subject code: F4.3.2

### Study — MOLLE 1988

*Reported in:* Moller, V.
Quality of Life in Retirement: A Case Study of Zulu Return Migrants.
Social Indicators Research, 1988, Vol. 20, 621 - 658. ISSN 0303 8300
Page in Report: 630

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

*Sample:*

*Non-Response:*

*N:* 253

---

### Correlate

*Authors label:* Owns cattle (1)

*Our classification:* Specialization of farm, code F4.3.2

*Measurement:*
'How many cattle do you own?'
0: none
1: other

*Remarks:* Landowners only

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-HL/c/sq/v/5/a | r=+.09 ns | |
| O-SLW/u/sq/v/5/d | r=+.06 ns | All |
| O-SLW/u/sq/v/5/d | Beta= +.16 p<.05 | 65+ years old<br>ß controlled for:<br>1 Satisfied with health<br>2 Grows cash crop<br>3 Voluntary retirement<br>4 Need to purchase maize<br>5 Keeps chicken<br>6 Satisfied with job while working<br>7 Feels relatively young<br>8 Retired suddenly<br>9 Agrees:planning is key to success |

---

## Correlational finding on Happiness and Economic success of farm
## Subject code: F4.3.3

### Study MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 150,156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

---

## Correlate

*Authors label:* Growth plans (1)

*Our classification:* Economic success of farm, code F4.3.3

*Measurement:* 5-item index of closed questions. The respondents were asked whether they planned to:
1 Buy or lease more land and expend the operations.
2 Expend the animal herd.
3 Get into a new animal enterprise.
4 Construct new buildings.
5 Facilities.

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| C-BW/cy/sq/l/9/a | r=+.04 ns | |
| C-BW/cy/sq/l/9/a | r=+.04 ns | |
| C-BW/cy/sq/l/9/a | Beta=-.00 ns | ß controlled for:gross farm sales, percent farm income, total family income, off-farm work days, wife's work status, land operated, commitment to farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=-.03<br>-medium ß=-.03<br>-large ß=+.14 |

| | | |
|---|---|---|
| C-BW/cy/sq/l/9/a | Beta=-.00 ns | ß controlled for: gross farm sales, percent farm income, total family income, off-farm work days, wife's work status, land operated, commitment to farming, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=-.03<br>-medium ß=-.03<br>-large ß=+.14 |

---

## Correlational finding on Happiness and Economic success of farm
## Subject code: F4.3.3

### Study MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 150/156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

---

### Correlate

*Authors label:* Economic constraints (1)

*Our classification:* Economic success of farm, code F4.3.3

*Measurement:* 6-item index. The respondents were asked to what extent they thought each of the following would hinder or help the future survival or growth of their farms, that is, their ability to expand or just stay in business:
1. Interest rate.
2. Price of land.
3. Price of hired farm labor.
4. Availability of labor.
5. Cost of new technology ormachinery.
6. The price of fuel.
Rated on a 5-point scale ranging from 'hinder a lot' to 'help a lot'.

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| C-BW/cy/sq/l/9/a | r=-.17 p<..05 | |
| C-BW/cy/sq/l/9/a | r=-.17 p<.05 | |
| C-BW/cy/sq/l/9/a | Beta=-.16 p<.05 | ß controlled for:gross farm sales, percent farm income, total family income, off-farm work days, wife's work status, growth plans, commitment to farming, land operated, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=-.13<br>-medium ß=-.18<br>-large ß=+.18 |
| C-BW/cy/sq/l/9/a | Beta=-.16 p<.05 | ß controlled for:gross farm sales, percent farm income, total family income, off-farm work days, wife's work status, growth plans, commitment to farming, land operated, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=-.13<br>-medium ß=-.18<br>-large ß=+.18 |

---

## Correlational finding on Happiness and Economic success of farm
## Subject code: F4.3.3

### Study MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 150/156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

---

### Correlate

*Authors label:* Self-definition as afarm operator (1)

*Our classification:* Economic success of farm, code F4.3.3

*Measurement:* Single closed question: How do you see yourself? Rated on a 5-point scale: small farm operator / average farmer / progressive farmer / more-progressive-than-most farmer / innovator.

---

### Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| C-BW/cy/sq/l/9/a | r=+.20 p<..05 | |
| C-BW/cy/sq/l/9/a | r=+.20 p<.05 | |

---

## Correlational finding on Happiness and Attitudes to farming
## Subject code: F4.4

## Study BRINK 1986A

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

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

*Sample:* Non-probability purposive sample

*Non-Response:* 44 %

*N:* 510

---

## Correlate

*Authors label:* technical self-reliance (1)

*Our classification:* Attitudes to farming, code F4.4

*Measurement:* The respondents were presented with a list of 25 alternative technologies (gardens, windmills, greenhouses etc) and asked, whether they employed the particular practises.
They were then requested to note the effectiveness of the technologies they employed on a four point Likert-type scale from "not at all effective" to "very effective" in terms of 'providing your family with independence or self-reliance'

*Measured Values:* range: 0 - 100

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-HL/u/sq/v/4/a | r=+.24<br>p<.001 | |

---

## Correlational finding on Happiness and Concern about farming
## Subject code: F4.4.1

## Study MAKAR 1962

*Reported in:* Makarczyk, W.
Factors affecting Life Satisfaction among People in Poland.
Polish Sociological Bulletin, 1962, Vol. 1, 105 - 116
Page in Report: 112

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

*Sample:*

*Non-Response:* 5%

*N:* 2387

---

## Correlate

*Authors label:* Anxiety about future of farm (1)

*Our classification:* Concern about farming, code F4.4.1

*Measurement:* Single question:are you anxious about the future of your farm ?
not anxious at all /rather not anxious / little anxious /very anxious.

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| O-SLW/u/sq/v/5/a | T=.16 p<.001 | Computed for farm owners and family only. |

---

# Correlational finding on Happiness and Concern about farming Subject code: F4.4.1

## Study MOLNA 1985

*Reported in:* Molnar, J.J.
Determinants of Subjective Well-Being among Farm Operators.
Rural Sociology, 1985, Vol. 50, 141 - 162
Page in Report: 150/156

*Population:* Farm operators, Alabama, USA, 1981

*Sample:*

*Non-Response:* 29,9%

*N:* 705

---

## Correlate

*Authors label:* Commitment to farming (1)

*Our classification:* Concern about farming, code F4.4.1

*Measurement:*

```
3-item index. The respondents were asked how they felt
about the following statements:
1. If I had a son growing up at
   present, I would like to see him
   become a farmer.
2. Even if his income has dropped to a
   low point, a farmer should try to
   stick it out so his children can
   grow up on a farm.
3. Being my own boss is one of the
   major reasons I enjoy farming.

Rated on 5-point scales ranging from 'strongly disagree' to
'strongly agree'.
```

---

## Observed Relation with Happiness

| *Happiness Measure* | *Statistics* | *Elaboration/Remarks* |
|---|---|---|
| C-BW/cy/sq/l/9/a | r=+.26<br>p<.05 | |

| | | |
|---|---|---|
| C-BW/cy/sq/l/9/a | Beta= +.24 p<.05 | ß controlled for:gross farm sales, percent farm income, total family income, off-farm work days, wife's work status, growth plans, land operated, economic constraints, self-definition, age, and education.<br>When specified for size of farm:<br>-small ß=+.23<br>-medium ß=+.26<br>-large ß=+.20 |

---

## Appendix 1: Happiness Items used

| *Happiness Item Code* | *Full Text* |
|---|---|
| C-BW/c/sq/l/11/c | Selfreport on single question:<br><br>Here is ladder representing the 'ladder of life'. Let's suppose the top of the ladder represents the best possible life for you; and the bottom, the worst possible life for you. On which step of the ladder do you feel you personally stand at the present time?<br>10 best possible<br>9<br>8<br>7<br>6<br>5<br>4<br>3<br>2<br>1<br>0 worst possible life<br><br>This question was followed (not preceded) by items on life 5 years ago and 5 years from now. |

C-BW/cy/sq/l/9/a 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 self anchoring ladder rating (modified version)

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
4 happy
3 neither happy nor unhappy
2 unhappy
1 very unhappy

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

Taking all things together, would you say you are.....?
4 very happy
3 quite happy
2 not very happy
1 not at all happy.

O-SLu/c/sq/n/10/b Selfreport on single question:

All things considered, how satisfied or dissatisfied are you with your life these days? Please tell me on a scale of 1 to 10, where one means very dissatisfied and 10 means very satisfied
10 very satisfied
9
8
7
6
5
4
3
2

1 very dissatisfied

O-SLW/u/sq/v/5/a Selfreport on single question:

"On the whole, are you satisfied with your life.....?"
5 definitely yes
4 rather yes
3 don't know
2 rather no
1 definitely no
- no reply

O-SLW/u/sq/v/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

## Appendix 2: Statistics used

| *Symbol* | *Explanation* |
|---|---|
| B | REGRESSION COEFFICIENT (non-standardized) by LEAST SQUARES (OLS)<br>Type: test statistic<br>Measurement level: Correlate: metric, Happiness: metric<br>Theoretical range: unlimited<br><br>Meaning:<br>B > 0 A higher correlate level corresponds with, on an average, higher happiness rating.<br>B < 0 A higher correlate level corresponds with, on an average, lower happiness rating.<br>B = 0 Not any correlation with the relevant correlate. |
| Beta | (ß) STANDARDIZED REGRESSION COEFFICIENT by LEAST SQUARES (OLS)<br>Type: test statistic.<br>Measurement level: Correlates: all metric, Happinessl: metric.<br>Range: [-1 ; +1]<br><br>Meaning:<br>beta > 0 « a higher correlate level corresponds with, on an average, higher happiness rating.<br>beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating.<br>beta = 0 « no correlation.<br>beta = + 1 or -1 « perfect correlation.<br><br>Remark:<br>Mean of observations is subtracted from all observations if standardized. |
| DM | DIFFERENCE of MEANS<br>Type: descriptive statistic only.<br>Measurement level: Correlate: dichotomous, Happiness: metric<br>Range: depending on the happiness rating scale of the author; range symmetric about zero.<br><br>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels. |

| | |
|---|---|
| F | F-STATISTIC<br>Type: asymmetric standard test statistic.<br>Range: nonnegative unlimited<br><br>Meaning : the test statistic is also called the "Variance Ratio" and is the ratio of two independent estimators of the same variance with n1 and n2 degrees of freedom respectively. The critical values of its probability distribution are tabulated extensively in almost any textbook on Statistics |
| r | PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient' or simply 'correlation coefficient')<br>Type: test statistic.<br>Measurement level: Correlate: metric, Happiness: metric<br>Range: [-1; +1]<br><br>Meaning:<br>r = 0 « no correlation ,<br>r = 1 « perfect correlation, where high correlate values correspond with high happiness values, and<br>r = -1 « perfect correlation, where high correlate values correspond with low happiness values. |
| $R^2$ | COEFFICIENT of DETERMINATION<br>Type: test statistic<br>Measurement level: Correlates: all metric, Happiness: metric<br>Range: [0; 1]<br><br>Meaning:<br>$R^2$ = 0 « no influence of any correlate in this study has been established.<br>$R^2$ = 1 « the correlates determine the happiness completely. |
| T | TSCHUPROW'S T<br>Type: test statistic.<br>Measurement level: Correlate: nominal, Happiness: ordinal<br>Range: [0 ; SQRT[[min(r,c)-1]/[max(r,c) -1]]], c and r being the numbers of colums resp. rows in a cross tabulation.<br><br>Meaning:<br>T = 0 « no association<br>T -> 1 « strongest possible association.<br><br>NOTE: sometimes the square value is reported instead ! |

---

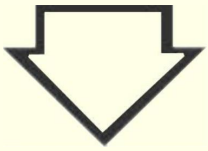
## Appendix 3: About the World Database of Happiness

### Structure of the collections

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

World literature on Happiness

Selection on subject



Bibliography and Directory

Selection of empirical studies  Selection on valid measurement: Item Bank

Abstracting and classification of findings

How happy people are, distributional findings
Happiness in Nations , Happiness in Publics

What goes together with happiness
Correlational Findings

Listing of comparable findings in Nations

States of Nations , Trends in Nations

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

---

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

| *Main Subjects* | *Subject Description* | *Number of Studies* |
|---|---|---|
| A1 | ACTIVITY: LEVEL (how much one does) | 58 |
| A2 | ACTIVITY: PATTERN (what one does) | 32 |
| A3 | AFFECTIVE LIFE | 48 |
| A4 | AGE | 400 |
| A5 | AGGRESSION | 12 |

| | | |
|---|---|---|
| A6 | ANOMY | 32 |
| A7 | APPEARANCE (good looks) | 15 |
| A8 | ATTITUDES | 6 |
| A9 | AUTHORITARIANISM | 4 |
| B1 | BIRTH CONTROL | 1 |
| B2 | BIRTH HISTORY (own birth) | 201 |
| B3 | BODY | 77 |
| C1 | CHILDREN | 1 |
| C2 | CHILDREN: WANT FOR (Parental aspirations) | 6 |
| C3 | CHILDREN: HAVING (parental status) | 195 |
| C4 | CHILDREN: CHARACTERISTICS OF ONE'S CHILDREN | 25 |
| C5 | CHILDREN: RELATION WITH ONE'S CHILDREN | 8 |
| C6 | CHILDREN: REARING OF ONE'S CHILDREN (parental behavior) | 26 |
| C7 | COMMUNAL LIVING | 9 |
| C8 | CONCERNS | 18 |
| C9 | COPING | 43 |
| C10 | CREATIVENESS | 6 |
| C11 | CULTURE (Arts and Sciences) | 8 |
| D1 | DAILY JOYS & HASSLES | 5 |
| E1 | EDUCATION | 302 |
| E2 | EMPLOYMENT | 363 |
| E3 | ETHNICITY | 98 |
| E4 | EXPRESSIVE BEHAVIOR | 12 |
| F1 | FAMILY OF ORIGIN (earlier family for adults, current for young) | 236 |
| F2 | FAMILY OF PROCREATION | 58 |
| F3 | FAMILY OF RELATIVES | 157 |
| F4 | FARMING | 25 |
| F5 | FREEDOM | 32 |
| F6 | FRIENDSHIP | 152 |
| G1 | GENDER | 370 |
| G2 | GRIEF | 1 |
| H1 | HABITS | 1 |
| H2 | HANDICAP | 25 |
| H3 | HAPPINESS: VIEWS ON HAPPINESS | 49 |
| H4 | HAPPINESS: DISPERSION OF HAPPINESS | 10 |
| H5 | HAPPINESS: CAREER | 191 |
| H6 | HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES | 310 |
| H7 | HAPPINESS OF OTHERS | 0 |
| H8 | HAPPINESS: REPUTATION OF HAPPINESS | 19 |

| | | |
|---|---|---|
| H9 | HEALTH-BEHAVIOR | 25 |
| H10 | HELPING | 5 |
| H11 | HOPE | 8 |
| H12 | HOUSEHOLD: COMPOSITION | 137 |
| H13 | HOUSEHOLD: WORK | 32 |
| H14 | HOUSING | 106 |
| I1 | INCOME | 552 |
| I2 | INSTITUTIONAL LIVING | 43 |
| I3 | INTELLIGENCE | 71 |
| I4 | INTERESTS | 8 |
| I5 | INTERVIEW | 73 |
| I6 | INTIMACY | 103 |
| L1 | LANGUAGE | 2 |
| L2 | LEADERSHIP | 8 |
| L3 | LEISURE | 206 |
| L4 | LIFE APPRAISALS: OTHER THAN HAPPINESS | 368 |
| L5 | LIFE CHANGE | 35 |
| L6 | LIFE EVENTS | 86 |
| L7 | LIFE GOALS | 75 |
| L8 | LIFE HISTORY | 2 |
| L9 | LIFE STYLE | 22 |
| L10 | LOCAL ENVIRONMENT | 374 |
| L11 | LOTTERY | 8 |
| L12 | LOVE-LIFE | 31 |
| M1 | MARRIAGE: MARITAL STATUS CAREER | 64 |
| M2 | MARRIAGE: CURRENT MARITAL STATUS | 543 |
| M3 | MARRIAGE: RELATIONSHIP | 115 |
| M4 | MARRIAGE: PARTNER | 46 |
| M5 | MEANING | 23 |
| M6 | MEDICAL TREATMENT | 81 |
| M7 | MENTAL HEALTH | 218 |
| M8 | MIGRATION: TO OTHER COUNTRY | 29 |
| M9 | MIGRATION: MOVING WITHIN COUNTRY (residential mobility) | 17 |
| M10 | MIGRATION: MIGRANT WORK | 3 |
| M11 | MILITARY LIFE | 7 |
| M12 | MODERNITY | 6 |
| M13 | MOOD | 246 |
| M14 | MOTIVATION | 7 |
| N1 | NATION: NATIONALITY | 29 |

| | | |
|---|---|---|
| N2 | NATION: ERA (temporal period) | 41 |
| N3 | NATION: NATIONAL CHARACTER (modal personality) | 29 |
| N4 | NATION: CONDITION IN ONE'S NATION | 430 |
| N5 | NATION: POSITION OF ONE'S NATION | 1 |
| N6 | NATION: ATTITUDES TO ONES NATION | 152 |
| N7 | NATION: LIVABILITY OF ONE'S NATION | 17 |
| N8 | NATION i: ATTITUDES IN | 1 |
| N9 | REGION IN NATION | 59 |
| N10 | NUTRITION | 23 |
| N21 | ERA | 0 |
| O1 | OCCUPATION | 178 |
| O2 | ORGAN TRANSPLANTATION | 17 |
| P1 | PERSONALITY: HISTORY | 48 |
| P2 | PERSONALITY: CHANGE | 10 |
| P3 | PERSONALITY: CURRENT ORGANIZATION | 7 |
| P4 | PERSONALITY: CURRENT TRAITS | 462 |
| P5 | PERSONALITY: LATER | 23 |
| P6 | PHYSICAL HEALTH | 427 |
| P7 | PLANNING | 11 |
| P8 | POLITICAL BEHAVIOUR | 231 |
| P9 | POPULARITY | 26 |
| P10 | POSSESSIONS | 60 |
| P11 | PRISON | 1 |
| P12 | PROBLEMS | 25 |
| P13 | PSYCHO-SOMATIC COMPLAINTS | 62 |
| P14 | PETS | 3 |
| R1 | RELIGION | 251 |
| R2 | RESOURCES | 9 |
| R3 | RETIREMENT | 89 |
| R4 | ROLES | 23 |
| S1 | SCHOOL | 129 |
| S2 | SELF-IMAGE | 237 |
| S3 | SEX-LIFE | 61 |
| S4 | SLEEP | 16 |
| S5 | SOCIAL MOBILITY | 17 |
| S6 | SOCIAL PARTICIPATION: PERSONAL CONTACTS | 69 |
| S7 | SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS | 131 |
| S8 | SOCIAL PARTICIPATION: TOTAL (personal + associations) | 34 |
| S9 | SOCIO-ECONOMIC STATUS | 154 |

| | | |
|---|---|---|
| S10 | SOCIAL SUPPORT: RECEIVED | 62 |
| S11 | SOCIAL SUPPORT: PROVIDED | 6 |
| S12 | SPORTS | 38 |
| S13 | STIMULANTS | 49 |
| S14 | SUICIDE | 8 |
| S15 | SUMMED DETERMINANTS | 92 |
| T1 | TIME | 53 |
| T2 | THERAPY | 38 |
| T3 | TOLERANCE | 37 |
| V1 | VALUES: CAREER | 8 |
| V2 | VALUES: CURRENT PREFERENCES (own) | 73 |
| V3 | VALUES: CLIMATE (current values in environment) | 7 |
| V4 | VALUES: SIMILARITY (current fit with others) | 12 |
| V5 | VICTIM | 14 |
| W1 | WAR | 5 |
| W2 | WISDOM | 2 |
| W3 | WORK: CAREER | 2 |
| W4 | WORK: CONDITIONS | 68 |
| W5 | WORK: ATTITUDES | 347 |
| W6 | WORK: PERFORMANCE (current) | 29 |
| W7 | WORRIES | 31 |
| XX | UNCLASSIFIED | 25 |

## Appendix 5: Related Subjects

| *Subject* | | *Related Subject(s)* | |
|---|---|---|---|
| F4.2 | Current involvement in farming | L10.2.1.2 | . rural vs urban dwelling |
| F4.2.1 | Being a farmer | O1.2.2 | Kind of occupation (profession) |
| F4.2.2 | Being wife of a farmer | M4.2.3.4 | . occupation of spouse |
| F4.2.3 | Time spend to farming | T1.4 | Current time-usage |
| F4.3 | Current characteristics of the farm | P10 | POSSESSIONS |
| F4.3.3 | Economic success of farm | O1.1.3.1 | . advancement in current job |
| F4.4 | Attitudes to farming | W5 | WORK: ATTITUDES |
| F4.4.1 | Concern about farming | L7.2.2 | Object of life-goals |
| F4.4.1 | Concern about farming | S2.3 | Current self-ideal |

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