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## **World Database of Happiness**

Correlational Findings
© on data collected: Ruut Veenhoven, Erasmus University Rotterdam

# **Findings on Happiness & ETHNICITY**

Classification of Correlate Code	f Findings N Correlate Name	lumber of Studies on this Subject			
E 3	ETHNICITY	1			
E 3.2	Ethnic status in specific nations	1			
E 3.2.1	Ethnic status in Australia	0			
E 3.2.2	Ethnic status in Britain	0			
E 3.2.3	Ethnic status in Canada	3			
E 3.2.4	Ethnic status in Germany	0			
E 3.2.5	Ethnic status in Hong Kong	0			
E 3.2.6	Ethnic status in The Netherlands	2			
E 3.2.7	Ethnic status in Singapore	0			
E 3.2.8	Ethnic status in South Africa	4			
E 3.2.9	Ethnic status in the USA	45			
E 3.2.10	Ethnic status in (former) Yugoslavia	1			
E 3.3	Ethnic status in regions	1			
E 3.4	Ethnic status in neighborhood	1			
E 3.5	Attitudes to one's ethnic status	0			
E 3.6	Ethnic diversity in environment	0			
E 3.7	Ethnic discrimination in environment				
E 3.7.1	Perceived occurrence of ethnic discrimination	2			
E 3.7.2	Personal experience of ethnic discrimination	1			
E 3.7.3	Tendency to discriminate ethnic groups one-self	1			
E 3.8	Attitudes to ethnic climate	0			
E 3.8.1	Ethno-centrism	0			
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 & ETHNICITY World Database of Happiness. Internet: www.eur.nl/fsw/research/happ Erasmus University Rotterdam, 2003, Netherlands	iness			

Correlate Code: E 3

Study CSEPE 1999 Page in Report: 519

Reported in: Csepeli,G.; Örkény,A.; Székelyi,M.;Csere,G.

Report from the Fairy Garden:

Kolosi,T.; et al; Eds.:"Social Report 1998" TÅRKI(Social Research Informatics Center)

Population: Hungarians and Romaneans, living in Transylvania,1977, Romania

Sample: Sampling not reported

Non-Response: not reported

N: 1806

#### **Measured Correlate**

Class: ETHNICITY Code: E 3

Measurement:

a Romanian Hungarians

b Romanians

both living in Transylvania

Measured Values: 1 N=1090

2 N=716

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLW/c/sq/v/5/c DM=0,2 p<.

a: M=3, 4b: M=3, 2 Study MORAW 1977 Page in Report: 518

Reported in: Morawetz, D.

Income distribution and self-rated happiness: some empirical evidence

The Economic Journal, 1977, vol. 87, pp 511-522

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

Sample: Non-probability purposive-expert sample

Non-Response: 38%

N: 109

#### **Measured Correlate**

Class: Ethnic status in specific nations Code: E 3.2

Measurement: 1 Asi a-Afri ca

0 Other

- Europe

- South America

- Israel

- Other

Measured Values: 0 M= 85,3 (%)

1 M= 14,7 (%)

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-BW/c/sq/l/11/a B=+.77 ns B controlled for:

- years lived in moshav

- religion

- age

- sex

- education

- not married

- children at home

- rooms per house

- rooms per person

- tel ephone

- no car

- agricultural work

- income per standard adult

Moshav

Negative in unequal community due to recent influx of African migrants who are not yet integrated in

the Moshav

B=+.78 p<.05 B controlled for the above variables with income

left out

Study BLAND 1990 Page in Report: 395

Reported in: Blandford, A.A.& Chappell, N.L.

Subjective Well-being Among Native and Non-Native Elderly Persons: Do

Canadian Journal On Ageing, Vol.9, 1990 p.386-399.

Population: 50+aged, Winnipeg, Canada, 1985

Sample:

Non-Response: 15% Natives

N: 390

#### **Measured Correlate**

Class: Ethnic status in Canada Code: E 3.2.3

Measurement: 0: non-Native (Whites)

1: Native (Indians)

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLu/c/sq/v/5/d tau=-.18 p<.001 % Satisfied:

non-Natives 79 Natives 62

G=-.38 p<.001

```
b controlled by:
B=-.35 ns

    Male Sex
    Married

                     3. Wi dowed
                     4. Age
                     5. Monthly income
                     6. Percei ved heal th
                     7. Days in bed
                     8. Family size
                     9. Functional ability
                     10. Satisfaction with family
                         rel ati onshi ps
                     11. Social contacts
                     12. Number of children
                     13. Number of siblings
                     14. Number of caregivers
                     15. Other interaction
                     Interaction of ethnicity with:
                     Ability b=-.49 Chi<sup>2</sup> ns
Marital Status b=-.12 Chi<sup>2</sup> ns
Days ill b=-.40 Chi<sup>2</sup> ns
Health b=+1.5 Chi<sup>2</sup> ns
                                      b= +.46 Chi<sup>2</sup> ns
                     Ocupati on
                     Monthly income b= +. 24 Chi<sup>2</sup> ns
```

Page in Report: 33 **BLISH 1980** Study

Blishen, B.; Atkinson, T. Reported in:

> Anglophone And Francophone differences in perceptions of theQuality of Life in Szalai, A. and Andrews, F. eds. "The Quality of Life", Sage, 1980, London, United

Kingdom, p 25 - 40

Adults, general public, Canada, 1977 Population:

Sample:

Non-Response:

N: 3288

#### **Measured Correlate**

Class: Ethnic status in Canada Code: E 3.2.3

Francophones vs Anglophones Measurement:

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

Mt' = 7.89Mt' = 7.62O-SLW/u/sq/n/11/a DM=-Francophones SD = 1.80

Angl ophones SD = 1.78

Unaffected by age.

In lowest income quintile Anglophones happier; in

the higher ones Francophones.

Correlate Code: E 3

Reported in: Michalos, A.C.

**MICHA 1983** 

Satisfaction and happiness in a rural northern resource community

Social Indicators Research, 1983, vol.13, p.225-252

Population: 18+ aged, rural community, N.Ontario, Canada, 1982

Sample:

Study

Non-Response: 8%

N: 598

#### **Measured Correlate**

Class: Ethnic status in Canada Code: E 3.2.3

Measurement:

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-DT/c/sq/v/7/aa Beta=-.0 All B's controlled for satisfaction with health,

financial security, family relations, paid

employment, friendships, housing, area you live in,

recreation activity, religion, self esteem,

transportation, government services and for the other demographic factors: sex, age, formal

education, work status, marital status, time in

area.

Males : N: 173 β: -.02

Females: N: 154 B: -.04

O-HL/u/sq/v/7/a Beta=-.0 All B's controlled for satisfaction with health,

financial security, family relations, paid

employment, friendships, housing, area you live in,

recreation activity, religion, self esteem,

transportation, government services,

and for the other demographic factors: sex, age, formal education, work status, marital status, time

in area.

Females: N: 154 B: -.07

Correlate Code: E 3

Page in Report: 260 Study **VERKU 1986** 

Reported in: Verkuyten, M.

The impact of ethnic and sex differences on happiness among adolescents in the

The Journal of Social Psychology, vol 126, p 259-260, 1986

Adolescents, autochtones and allochtones, Rotterdam, The Netherlands, 1984 Population:

Sample:

Non-Response: 0%

> 104 Dutch, 157 N:

Ethnic **Immigrants** 

#### **Measured Correlate**

Class: Ethnic status in The Netherlands Code: E 3.2.6

O Dutch pupils (N=104) Measurement:

1 Non-Dutch pupils (children of

immigrants from Turkey, Surinam and

Morocco, N=157)

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query	Statistics	3	Remarks	
O-BW/c/sq/l/11/b	DM=-	p<.01	Dutch Non Dutch -Turkish -Surinam -Moroccan	Mt = 7.7 Mt = 6.4 Mt = 7.0 Mt = 7.2
	DM=-	p<.01	Dutch Non Dutch -Turkish -Surinam -Moroccan	Mt = 7.7 Mt = 6.4 Mt = 7.0 Mt = 7.2

Correlate Code: E 3

Reported in: Verkuyten, M.

The impact of ethnic and sex differences on happiness among adolescents in the

The Journal of Social Psychology, vol 126, p 259-260, 1986

Population: Adolescents, autochtones and allochtones, Rotterdam, The Netherlands, 1984

Sample:

Study

Non-Response: 0%

N: 104 Dutch, 157

Ethnic Immigrants

**VERKU 1986** 

#### **Measured Correlate**

Class: Ethnic status in The Netherlands Code: E 3.2.6

Measurement: 0 Dutch pupils (N=104)

1 Non-Dutch pupils (children of

immigrants from Turkey, Surinam and

Morocco, N=157)

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query	Statistic	S	Remarks		
A-BB/cm/mq/v/2/a	DM=-	p<.01	Dutch Non Dutch -Turkish -Surinam -Moroccan	M = 1.6 M = 0.6 M = 1.3 M = 1.4	Mt' = 6.6 Mt' = 5.6 Mt' = 6.3 Mt' = 6.4
	DM=-	p<.01	Dutch Non Dutch -Turkish -Surinam -Moroccan	M = 1.6 M = 0.6 M = 1.3 M = 1.4	Mt' = 6.6 Mt' = 5.6 Mt' = 6.3 Mt' = 6.4

Study MOLLE1989/2A Page in Report: 44

Reported in: Moller, V.

Can't get no satisfaction

Indicator South Africa, Vol. 7, 1989, pp. 43-46

Population: Adult, general public, urban areas, South Africa, 1988

Sample:

Non-Response:

N: 3771

#### **Measured Correlate**

Class: Ethnic status in South Africa Code: E 3.2.8

Measurement: 1 Whites

2 Indians3 Coloureds4 Africans

Measured Values:

Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/5/a SNR=. % very happy or happy

Study MOLLE1989/2A Page in Report: 44

Reported in: Moller, V.

Can't get no satisfaction

Indicator South Africa, Vol. 7, 1989, pp. 43-46

Population: Adult, general public, urban areas, South Africa, 1988

Sample:

Non-Response:

N: 3771

#### **Measured Correlate**

Class: Ethnic status in South Africa Code: E 3.2.8

Measurement: 1 Whites 2 Indians

3 Coloureds 4 Africans

Measured Values:

Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLW/u/sq/v/5/d D%=. % very satisfied or satisfied

1 82 2 77 3 77

32

Correlate Code: E 3

Study MOLLE1989/2B Page in Report:

Reported in: Moller, V.

Can't get no satisfaction

Indicator South Africa, Vol.7, 1989, pp. 43-46

Population: Adult, general public, urban areas, South African, 1983

Sample:

Non-Response:

N: 5587

#### **Measured Correlate**

Class: Ethnic status in South Africa Code: E 3.2.8

Measurement: 0 All

1 Specific race catagories

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

DMt=-1.5

Happiness Query	Statistics	Remarks		
O-HL/c/sq/v/5/a	DMt=+1.	Whites $M = 3.26$	Mt' = 7.5	SD = 0.77
	DMt=+1.	Indians $M = 3.14$	Mt' = 7.1	SD = 0.83
	DMt=+0.	Coloureds $M = 3.02$	Mt' = 6.7	SD = 0.98

Blacks M = 2.34 Mt' = 4.5 SD = 1.41 All M = 2.79 Mt' = 6.0 SD = 1.26

Correlate Code: E 3

Study MOLLE1989/2B Page in Report:

Reported in: Moller, V.

Can't get no satisfaction

Indicator South Africa, Vol.7, 1989, pp. 43-46

Population: Adult, general public, urban areas, South African, 1983

Sample:

Non-Response:

N: 5587

#### **Measured Correlate**

Class: Ethnic status in South Africa Code: E 3.2.8

Measurement: 0 All

1 Specific race catagories

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query	Statistics	Remarks
O-SLW/u/sq/v/5/d	DMt=+1.	Whites $M = 3.22$ $Mt' = 7.4$ $SD = 0.83$
	DMt=+1.	Indians M = 3.15 Mt' = 7.2 SD = 0.78
	DMt=+0.	Coloureds $M = 3.05$ $Mt' = 6.8$ $SD = 0.93$
	DMt=-1.5	Blacks M = 2.32 Mt' = 4.4 SD = 1.36 All M = 2.78 Mt' = 5.9 SD = 1.25

Study ABBEY 1983 Page in Report: 272

Reported in: Abbey, A.; Dunkel-Schetter, C.; Brickman, P.

Handling the stress of looking for a job in law school

Basic and Applied Social Psychology, 1983, vol.4, 263-278

Population: Law school students, Chicago, USA, 198?

Sample: Non-probability chunk sample

Non-Response: ?

N: 85

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement:

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/g/sq/n/9/a SNR= ns

Correlate Code: E 3

Study ALSTO 1974

Reported in: Alston, J.P., Lowe, G.D. & Wrigley, A.

Socioeconomic correlates for four dimensions of self-perceived satisfaction.

Human Organization, 1974, vol.33, p.99-102.

Population: Adult, general public, non-institutionalized, USA 1972

Sample:

Non-Response:

N: 1602

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: Black vs white.

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/u/sg/v/3/a G=+.36 p<.01 Gammas based on proportions 'very happy'.

age 45+ : G' =+. 22 (05) age 35-44 : G' =+. 21 (ns) age -35 : G' =+. 67 (01)

Unaffected by sex.

high education : G'=+.60 (01) medium education : G'=+.51 (01) low education : G'=-.01 (ns)

white collar : G' = +.65 (01) blue collar : G' = +.19 (ns)

Correlate Code: E 3

Reported in: Andrews, F.M. & Withey, S.B.

**ANDRE 1976/1** 

Social Indicators of Well-being: Americans' Perceptions of Life Quality

Plenum Press, 1976. New York, USA

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

Sample:

Study

Non-Response: 24%

N: 1297

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Bl acks 1 Whi tes

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-DT/u/sqt/v/7/a  $E^2=+.03$  Bl acks: M=5. 4 Mt' =7. 3

Whi tes: M=5.5 Mt'=7.5

Beta=+.0 ß controlled for sociodemographic variables (family

life cycle, age, family income, education and sex)

Beta=+.0 ß controlled for sociodemographic variables and 12

domain satisfactions

Study ANDRE 1976/3 Page in Report: 286

Reported in: Andrews, F.M. & Withey, S.B.

Social Indicators of Well-being: Americans' Perceptions of Life Quality

Plenum Press, 1976, New York, USA

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

Sample:

Non-Response: 38%

N: 1072

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Bl acks 1 Whi tes

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-DT/u/sqt/v/7/a DM=+ BI acks: M=4.8 Mt' =6.3

Whi tes: M=5.4 Mt'=7.3

Correlate Code: E 3

Study **ANDRE 1976/3** 

Reported in: Andrews, F.M. & Withey, S.B.

Social Indicators of Well-being: Americans' Perceptions of Life Quality

Plenum Press, 1976, New York, USA

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

Sample:

Non-Response: 38%

1072

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

0 Blacks Measurement: 1 Whites

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query	Statistics	Remarks		
A-BB/cm/mq/v/2/a	DM=+	Blacks Whites	M=0.3 M=1.7	Mt' =5.3 Mt' =6.7
O-HL/c/sq/v/3/aa	DM=+	Blacks: Whites:	M=2.6 M=3.3	Mt' =4.0 Mt' =5.8
O-HL/u/sq/v/7/b	DM=+	Blacks: Whites:	M=4.9 M=5.6	Mt' =6.5 Mt' =7.7
O-SLL/c/sq/v/3/a	DM=+	Blacks: Whites:	M=2.6 M=3.2	Mt' =4.0 Mt' =5.5
O-SLW/c/sq/n/7/a	DM=+	Bl acks: Whi tes:	M=4.9 M=5.5	Mt' =6.5 Mt' =7.5

Correlate Code: E 3

Study ANDRE 1976/4

Reported in: Andrews, F.M. & Withey, S.B.

Social Indicators of Well-being: Americans' Perceptions of Life Quality

Plenum Press, 1976, New York, USA

Population: 18+ aged, general public, non-institutionalized, USA, 1973/3

Sample:

Non-Response: 26%

N: 1433

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Blacks 1 Whites

Measured Values: Error Estimates:

Happiness Query

Remarks:

### **Observed Relation with Happiness**

Statistics

O-BW/cy/sq/l/9/a DMt=+ BI acks: M=5. 4 Mt' =5. 5 Whi tes: M=6. 1 Mt' =6. 4 O-GBB/u/sq/c/9/a DMt=+ BI acks: M=4. 9 Mt' =4. 9

Remarks

Whites: M=5.6 Mt'=5.8

**ANDRE 1976/4** *Page in Report:* 141

Reported in: Andrews, F.M. & Withey, S.B.

Social Indicators of Well-being: Americans' Perceptions of Life Quality

Plenum Press, 1976, New York, USA

Population: 18+ aged, general public, non-institutionalized, USA, 1973/3

Sample:

Study

Non-Response: 26%

N: 1433

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Bl acks 1 Whi te

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-DT/u/sqt/v/7/a  $E^2=+.13$  Bl ack M=5.0 Mt'=6.7

White M=5.4 Mt'=7.3

Beta=+.0 ß controlled for sociodemographic variables (family

life-cycle, family income, education, age, sex).

Beta=+.0 ß controlled for sociodemographic variables and 8

criterion variables (fun and enjoyment, physical needs met, yourself, how fairly treated, develop self, interesting daily life, adjust to changes,

financial security)

Correlate Code: E 3

Reported in: Andrews F.M.

Stability and change in levels and structure of subjective well-being: USA 1972 and

Paper presented at the International Conference on Social Reporting, Berlin,

September 1989

**ANDRE 1989** 

Population: Adults, general public, non-institutionalized, USA, 1972-88

Sample:

Non-Response:

Study

N: 1972: 2369,

1988: 616

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 bl ack 1 whi te

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-DT/u/sqt/v/7/a DMt=+,- race happi ness (Ms') change (DMt') 1972 1988 1972-1988

white 7.5 8.0 +0.5 black 7.3 7.7 +0.4

Happiness scores rated on 1-7 point scale. Means

transformed to 0-10 scale (Ms')

Correlate Code: E 3

Page in Report: 82 Study **BEALS 1985** 

Reported in: Beals, J.

Generational differences in well-being for two European groups

Dissertation University of Michigan, 1985. Printed 1990 by University Microfilms

International, Ann Harbor, Mich., USA.

Immigrants from Europe, USA, 1978 Population:

Sample:

Non-Response:

N: 844

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Western vs Eastern/Southern Europe. Measurement:

Asserted by the open question: "Aside from being American, what nationality do you think of your family being mainly?".

- Western Europeans: British, German, Scandinavian, Austrian,

Swiss, French,

- Eastern/Southern Europeans: Polish,

Czechoslovakian, Russian, Greek, Italian, Spanish, etc.

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query	Statistics	Remarks			
M-AO/u/mq/*/0/a	DM=	Generation	Western Europe	Southern/Eastern Europe	Di fference
		first second third	M=2.95 M=3.24 M=3.27	M=2.98 M=3.08 M=3.17	DM=+. 03 DM= 16 DM= 10
O-Sum/u/mq/*/0/b	DM=-	Generation	Western Europe	Southern/Eastern Europe	Di fference
		first second third	M=6. 74 M=6. 90 M=6. 88	M=6. 22 M=6. 72 M=6. 85	DM= 52 DM= 18 DM= 03

Study BORTN 1970 Page in Report: 44

Reported in: Bortner, R.W. & Hultsch, D.F.

A multivariate analysis of correlates of life satisfaction in adulthood

Journal of Gerontology, 1970, vol. 25, p. 41-47

Population: 21+ aged, general public, USA 1959

Sample:

Non-Response: 9%

N: 1406

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: Black vs white

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

Study BRADB 1969 Page in Report:

Reported in: Bradburn, N.M.

The structure of psychological well-being

Aldine Publishing Company, 1969, Chicago, USA

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

Sample:

Non-Response: ± 20%, Attrition

± 30%

N: 2787

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Negro 1 White

Measured Values: Error Estimates:

Remarks: Data T1.

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa G=+.54 p<.01 Gamma based on proportion 'not too happy'.

Unaffected by edupatairnal level.

Stronger at lower income levels, especially among

those of high education.

Study CAMPB 1976 Page in Report: 449

Reported in: Campbell, A., Converse, P.E. & Rodgers, W.L.

The Quality of American life

Russell Sage Foundation, New York, 1976

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

Sample:

Non-Response: 20%

N: 2164

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Bl acks

1 White

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLW/c/sq/n/7/a G=+.18

Study CANTR 1965/2 Page in Report: 375

Reported in: Cantril, H.

The pattern of human concerns.

New Brunswick, Rutgers University Press, New Jersey, 1965

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

Sample:

Non-Response: -

N: 1549

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Non-white 1 White

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-BW/c/sq/l/11/a DMt=+1. Non-whi te: Mt = 5.3

White : Mt = 6.7

Study CANTR 1965/4 Page in Report: 366

Reported in: Cantril, H.

The pattern of human concerns.

New Brunswick, Rutgers University Press

Population: 20+ aged, general public, urban areas, Cuba, 1960

Sample:

Non-Response: -

N: 992

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: Negro / mixed / white

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-BW/c/sq/l/11/a DMt= + Mi xed : Mt = 5.9

Negro : Mt = 6.0White : Mt = 6.5

Study CANTR 1971 Page in Report: 66

Reported in: Cantril, A.H. & Roll, C.W. Jr

Hopes and fears of the American people.

Universe Books, 1971, New York.

Population: 21+ aged, general public, non-institutionalized, USA, 1964-71

Sample:

Non-Response:

N: 1588

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Non-white 1 White

Measured Values:
Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-BW/c/sq/l/11/a DMt=+ Non-whi te : Ms = 5.8 (1964) 5.8 (1971)

White : Ms = 7.0 (1964) 6.6 (1971)

Correlate Code: E 3

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

Community stressors, mediating conditions and wellbeing in urban neighborhoods.

Journal of Community Psychology, vol 10, 1982, p 377-391.

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

Sample:

Non-Response:

Study

N: 602

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 1: whi te

0: other - black - hi spani c

**COHEN 1982** 

- other non-white

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

A-BC/cm/mq/v/4/a DMt=+ white: Mt' = 6.3

- bl ack: Mt' = 5.8- hi spani c: Mt' = 5.9- other non-whi te: Mt' = 6.3 Study DAVIS 1984 Page in Report: 324

Reported in: James A. Davis

New money, an old man/lady and "two's company": subjective welfare in the NORC

Social Indicators Research, vol. 15, pp. 319-350

Population: 18+ aged, general public, English speaking, non-institutionalized, USA, 1972-82

Sample:

Non-Response:

N: 13581

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 1 bl ack

0 white, other

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/g/sq/v/3/d G=-.97 p<.05

tau=-.61 p<.05 % very happy

0 22 1 36

The relationship is substantially reduced after control for marital status and recent change income (about one third of the difference in happiness is explained by these variables). The relation also survives a control for marital status, race, household size and social participation.

Study FERNA 1981 Page in Report: 845-846

Reported in: Fernandez, R.M. and Kulik, J.C.

A multilevel model of life satisfaction: Effects of individual characteristics and

American Sociological Review, 1981, Vol. 46, pp. 840-850

Population: 18+ aged, general public, non-institutionalized, USA,1973-74

Sample:

Non-Response: ?

*N:* 5916

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Non-white (Blacks and Hispanics)

1 White

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLW/u/sq/v/5/c r=+.05 Disattenuated r=+.08

Beta=+.0 ns ß controlled for personal characteristics:

family-size, education, sex, age, health, married,

di vorced/separated, i ncome.

Disattenuated  $\beta = +.02$ 

Beta=-.0 ns ß controled for personal-characteristics (above)

and neighbourhood-characteristics (urbanity, costs of living, % whites, income-inequality, difference own age with average, difference own income with

average)

Disattenuated  $\beta = -.03$ 

Study FOWLE 1969 Page in Report: 733

Reported in: Fowler, F.J.; McCalla, M.E.

Correlates of morale among aged in greater Boston.

Proceedings of the 77th Annual Convention, American Psycho-logical Association,

1969, p. 733-734.

Population: 65+ aged, Metropolitan Boston, USA, 1965

Sample:

Non-Response:

N: 1335

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Native born 1 Foreign born.

Measured Values: Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

C-?/c/sq/v/4/a p<. Negative relationship disappears when controlled

for income.

Study GAITZ 1972 Page in Report: 63

Reported in: Gaitz, C.M. & Scott, J.

Age and the measurement of mental health

Journal of Health and Social Behavior, 1972, vol. 13, p. 55-67

Population: Adults, general public, Houston, Texas, USA, 1969

Sample:

Non-Response: 2%, aged

Mexican-Americans of high socioeconomic status only

N: 1441

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: Anglo / Black / Mexican-Aamerican

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

A-BB/cm/mq/v/2/a DM= + ns Mexican-American: males : M = 6.5 Mt' = 6.1

: females: M = 5.9 Mt' = 5.4

Study HENLE 1967 Page in Report: 69

Reported in: Henley, B. & Davis, M.S.

Satisfaction and dissatisfaction: A study of the chronically-ill aged patient.

Journal of Health and Social Behavior, 1967, vol.8, p.65-75.

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

Sample:

Non-Response: 24% not

available because of death, mental deterioration, unknown address or r

N: 167 (dropout at

T2 46%)

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Negro

1 White

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLL/g/sg/v/4/a G=-.17 ns

Correlate Code: E 3

Page in Report: 51 Study **HERZO 1982/1** 

Herzog, A.R., Rodgers, W.L. and Woodworth, J. Reported in:

Subjective well-being among different age groups

Research report series, Institute for social research, The University of Michigan,

1982

25-97 aged, general public, non-institutionalized, USA,1971-78 Population:

Sample:

Non-Response:

N: 1000 to 2000

each dataset

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

0. Black Measurement:

1. White

Measured Values:

Error Estimates:

Remarks: DATASETS:

> 1: 1972, N=1955, SI study, see ANDRE 1976

2: 1972-1978, N=9151, Pooled General Social Surv. 3: 1973-1975, N=3222,

Pooled Omnibus Surveys

4: 1976, N= 707, Omnibus Survey

5: 1974-1975, N=1077, S.I. study, Detroit Area N=1822, QOL Survey, See CAMPB 1975 6: 1971, N=3141, QOL Survey, See CAMPB 1981 7: 1978,

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

Happiness Query	Statistics	Remarks
O-DT/u/sq/v/7/a	Beta=+.0 ns	DATASET 1: ß identical across age. ß controlled for gender, family inparmasærsication, employment status and marital status: 1972, N=1955, SI study, see ANDRE 1976
	Beta=0 ns	DATASET 3: B i denti 1972-1978.N=9151, Pooled General Appial gender, family ineumes: 2072-1975nN=2767ofment General Appials and marital statusurveys  4: 1976, N= 707, Omnibus Survey  DATASET 2: B i denti 1994-19979, PSE-1997, CE. 51444, Dentoit Area
O-HL/c/sq/v/3/aa	Beta=+.0 p<.05	DATASET 2: B i dent: 1974-1975, N=70, O'll in bus suivey  65-97). B control tech for genters, GE study, Detroit Area  65-97). B control tech for genters, Gents with the control tech for genters.  65-97). B control tech for genters, marital status and heal th.  7: 1978, N=3141, QOL Survey, See CAMPB
	Beta=+.0 p<.05	DATASET 1: ß iden 1981 across age (25-44/45-64/65-97), ß controlled for gender, family income, education, employment status and marital status.

	Beta=+.0 ns	DATASET 5: ß identical across age (25-44/45-64/65-97). ß controlled for gender, family income, education, employmeny status and marital status.
	Beta=0 ns	DATASET 6: Whites happier among 25-44 aged (p<.05). No differences among 45-64/65-97 aged. B controlled for gender, family income, education, employment status, marital status and health.
	Beta=0 ns	DATASET 7: Whites happier among 25-44 aged (p<.05). No differences occured among 45-64/65-97 aged. B controlled for gender, family income, education, employment status, marital status and health.
O-SLW/c/sq/n/7/a	Beta=+.0 ns	DATASET 5: Whites happier among 25-44 aged (p<.05). No differences among 45-64/65-97 aged. B controlled for gender, family income, education, marital status and employment status.
	Beta=+.0 ns	DATASET 6: B identical across age. B controlled for gender, family income, education, employment status, marital status and health.
	Beta=0 ns	DATASET 7: ß identical across age. ß controlled for gender, family income, education, employment status, marital status and health.

Study HOCHS 1968 Page in Report: 1024

Reported in: Hochstim, J.R. Athanasopoulos, D.A. and Larkins, J.H.

Poverty area under the microscope

American Journal of Public Health, vol.58, 1968 p.1014 - 1026

Population: Adults, general public, Oakland California, USA, 1960-65

Sample:

Non-Response:

N: 908 poverty

area, 1672 nonpoverty area

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Black 1 White

Measured Values: Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/ca G=- p<. 05 Poverty area G'=+.11 (01)

Non poverty area G' = -.11 (01)

Study KALMU 1992 Page in Report: 82+88

Reported in: Kalmuss, D., Namerow, P.B.G., Bauer, U.

Short term consequences of parenting versus adoption among young unmarried

Journal of Marriage and the Family 1992 vol. 54 pp 80-90.

Population: Unmarried teenage mothers, USA, 1989-1990

Sample: Non-probability purposive sample (unspecified)

Non-Response: >10%

N: 527

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

**Measurement:** 0: black 1: white

Measured Values: 71% white

29 % black

Error Estimates:

Remarks: Hispanics excluded in this study

Blacks included, but underrepresented (special efforts were made to find black Ss)

# **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SL?/?/sq/v/4/a B=+.15 ns B controlled for:

- pregnancy resol Hitspanicspexcenteed hphis couldy

- age in years Blacks included, but underrepresented (special

- lived with bothefforts-wibe antadege find black Ss) - received public assistance while growing up

- high school graduate

- lived in maternity residence while pregnant

Study KIVET 1976 Page in Report: 37

Reported in: Kivett, V.R.

The aged in North Carolina: physical, social and environmental charisteristics and Tech.Bul.No 237 of the North Carolina Agricultural

Experiment Station. April

1976.

Population: 65+ aged, North Carolina, USA, 1970-71

Sample:

Non-Response:

N: 469

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

**Measurement:** 0 Bl ack 1 Whi te

Measured Values: Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/ba Beta=-12 p<.05 ß controlled for urban living, sex, marital

status, social position, age, education and work at

age 50.

B= p<.05

Study MANNI 1972 Page in Report: 37-59

Reported in: Manning Gibbs, B.A.

Relative deprivation and self-reported happiness of blacks: 1946 - 1966. Unpublished doctoral dissertation, 1972, University of Texasat Austin, USA.

Population: Adults, general public, USA, 1946-66

Sample:

Non-Response:

N: 25617

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: Black vs whites.

Measured Values: Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/g/sq/?//a G=+ p<. G' based on proportion very happy.

Response formats of happiness question very

slightly over the years.

	1946	1956	1966
total population	: +. 04(ns)	+. 26(01)	+. 37(01)
college graduate college incomplet high school grad. high sch. incompl 8th grade & less	e: +. 15(ns) : +. 00(ns) .: +. 08(ns)	+. 50(01) +. 50(01) +. 38(01) +. 21(05) +. 04(ns)	+. 64(01) +. 29(ns) +. 60(01) +. 40(01) +. 09(ns)
professionals	: 03(ns)	+. 38(05)	+. 72(01)
business ex.	: +. 26(ns)	+. 52(01)	+. 82(01)
white collar	: +. 22(ns)	+. 32(05)	+. 54(01)
skilled workers	: +. 11(ns)	+. 34(01)	+. 30(05)
semi - & unsk.work	: 22(01)	+. 16(05)	+. 19(05)
service workers	: +. 03(ns)	+. 26(05)	+. 36(01)
farmers	: +. 14(ns)	08(ns)	+. 00(ns)
non-manual	: 17(05)	41(01)	68(01)
manual	: +. 04(ns)	22(05)	29(01)
high income	: +. 04(ns)		+. 80(01)
average income	: +. 08(ns)		+. 43(01)

low income	: 02(ns)		+. 13(05)
city size: 500,000 + 100,000-499,999 10,000-99,999 2500-9999 rural non-farm farm	: +. 03(ns) : +. 08(ns) : +. 02(ns) : +. 03(ns) : 32(ns) : +. 11(ns)	+. 35(01) +. 24(01) +. 39(01) +. 84(01) +. 10(ns) 04(ns)	+. 03(ns) +. 08(ns) +. 50(01) +. 01(ns) +. 34(ns)
non-south	: 06(ns)	29(01)	30(01)
south	: 07(ns)	14(05)	12(05)
age 70+	: 11(ns)	+. 23(ns)	08(ns)
age 60-69	: 29(05)	03(ns)	+. 49(05)
age 50-59	: +. 03(ns)	+. 05(ns)	+. 30(ns)
age 40-49	: +. 17(ns)	+. 08(ns)	+. 60(01)
age 30-39	: +. 19(05)	+. 48(01)	+. 44(01)
age 20-29	: +. 03(ns)	+. 46(01)	+. 35(05)

Study MAXWE 1985 Page in Report: 31

Reported in: Maxwell, N.L.

The retirement experience: psychological and financial linkages to the labor market

Social Science Quarterly, vol. 66, 1985, p. 22-33

Population: 45+ aged males, USA, 1966-78

Sample:

Non-Response:

*N:* 1173

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Bl acks 1 Whi tes

Measured Values: Error Estimates:

Remarks: Blacks: 42% very happy

Whites: 51% very happy

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/u/sq/v/3/f Beta=+.2 ns ß controlled for: -retired

because of heal thBlacks: 42% very happy -retired because Winites of unemployment

-job satisfaction at T1
-work motivation at T1
-preretirement SES
-marital status at T1
-health problems at T1
-dependents in household
-number of years retired
-income (logarithm) at T2

If income increase/decrease is included in stead of

absolute income:  $\beta$ =-.00 ns Happiness assessed at T2.

Study MCNAM 1978 Page in Report: 310

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

Blessed are the Downtrodden? An empirical test Sociological Analysis vol.39,(1978), p.303-320

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

Sample:

Non-Response: 20%

N: 2164

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0. Black race 1. White race

Measured Values:
Error Estimates:

Remarks:

# **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa G=+.27 p<.01

Study

Page in Report: 335/330

Correlate Code: E 3

Reported in: Mookherjee, H.N.

Assessment of happiness among the elderly population in the United States

Mookherjee, H.N.; Ed: 'Life in twilight years', Kwality Book Company, Calcutta, India,

327-343.

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

**MOOKH 1997** 

Sample: Probability multi-stage cluster sample

Non-Response: not reported

N: 3049

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 1. non whi te

2. white

Measured Values: N: 1= 427 2= 2622

Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa DM=+ p<.00 1. M= 2.11 SD= .66

2. M= 2.25 SD= .66

r=+.09 p<.00 % happy

1. 84

2. 88

Beta=+.0 ns Beta controlled for socio-demographic variables:

- Gender

- Marital status

- Education

- Financial status

- Place of residence

- Religious membership

- Religious attendance

Beta=-.0 ns

Beta controlled for

- socio-demographic variables:

  - Gender Marital status
  - Education
  - Financial status
  - Place of residence
  - Religious membership
  - Religious attendance
- satisfaction with:
  - Nei ghbours
  - Non-working activities
  - Family
  - Fri ends
  - Heal th
  - Fi nance

Study NEAR 1978 Page in Report: 253

Reported in: Near, J.P., Rice, R.W. & Hunt, R.G.

Work and extra-work correlates of life and job satisfaction Academy of management Journal, vol.21, 1978, p. 248-264

Population: Adult, general public, Western New York State, USA, 1975

Sample:

Non-Response:

N: 384

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 non-whites 1 whites

Measured Values: Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLW/c/sq/v/5/d  $R^2=.04$  p<.01 Explained variance in ANOVA.

Nonwhites were less satisfied with their lives.

Study PANDE 1971 Page in Report: 329

Reported in: Pandey, C.

Popularity, rebelliousness, and happiness among institutio- nalized retarded males.

American Journal of Mental Deficiency, 1971, p. 325-331.

Population: Mentally retarded males, hospital, USA, 196?

Sample:

Non-Response:

N: 149

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement:

Measured Values:

Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

A-CP/g/rdn/?/7/a r=+ ns Open ward : r = +.05 (ns)

Closed ward: r = +.20 (ns)

Study ROBER 1980/1 Page in Report: 140

Reported in: Roberts, R.E.

Prevalence of Psychological Distress among Mexican Americans Journal of Health and Social Behavior, 1980, Vol 21 (June), p.134-145

Population: Adult, general public, Alameda County, California, USA, 1974

Sample:

Non-Response: 26%

*N:* 3119

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement:

Measured Values: Error Estimates:

Remarks: After control for the effects of age, sex, education, family income, marital status,

and

physical health status Gs'= +.10

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa G=+.14 p<..01

After control for the effects of age, sex, education,

family income, marital status, and physical health status Gs'= +.10

Study ROBER 1980/1 Page in Report: 140

Reported in: Roberts, R.E.

Prevalence of Psychological Distress among Mexican Americans Journal of Health and Social Behavior, 1980, Vol 21 (June), p.134-145

Population: Adult, general public, Alameda County, California, USA, 1974

Sample:

Non-Response: 26%

*N:* 3119

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement:

Measured Values: Error Estimates:

Remarks: After control for the effects of age, sex, education, family income, marital status,

and physical health status Gs'= +.30

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa G=+.43 p<..01

After control for the effects of age, sex, education, family income, marital status, and physical health

status Gs'= +.30

Study ROBER 1980/1 Page in Report: 140

Reported in: Roberts, R.E.

Prevalence of Psychological Distress among Mexican Americans Journal of Health and Social Behavior, 1980, Vol 21 (June), p.134-145

Population: Adult, general public, Alameda County, California, USA, 1974

Sample:

Non-Response: 26%

N: 3119

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement:

Measured Values: Error Estimates:

Remarks: After control for the effects of age, sex, education, family income, marital status,

and physical health status Gs'= +.20

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa G=+.31 p<..01

After control for the effects of age, sex, education, family income, marital status, and physical health

status Gs'= +.20

Study ROBER 1980/2 Page in Report: 140

Reported in: Roberts, R.E.

Prevalence of Psychological Distress among Mexican Americans Journal of Health and Social Behavior. 1980. Vol 21 (June) p.134-145

Population: Adult, general public, Alameda County, California, USA, 1975

Sample:

Non-Response: 31%

N: 657

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement:

Measured Values: Error Estimates:

Remarks: After control for the effects of age, sex, education, family income, marital status,

and physical health status Gs'= +.15

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa G=+.11 p<..01

After control for the effects of age, sex, education, family income, marital status, and physical health status Gs'= +.15

Study SHICH 1984 Page in Report: 235

Reported in: Shichman, S.; Cooper, E.

Life Satisfaction and Sex-Role Concept Sex Roles, Vol 11, 1984, p.227-240

Population: Adults, students and churchmembers,

USA, 198?

Sample:

Non-Response: 5,9 %

N: 217

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Non white (e.g., Blacks, Hispanics) 1 White

Measured Values:

Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLu/u/sq/v/4/a SNR=+ p<.01

483/487

Correlate Code: E 3

Page in Report: Study **SHINN 1978** 

Shinn, D.C. & Johnson, D.M. Reported in:

Avowed happiness as an overall assessment of the quality of life

Social Indicators Research, Vol 5, 1978, pp. 475-492

Population: Heads of households, Illinois, USA, 1975

Sample:

17% Non-Response:

665

#### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Black vs white Measurement:

Measured Values: Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa r=+.09 p<..05 When controlled for: - resources only  $\beta$  = +.04

- resources and

B = +.01assessments

- resources and

compari sons  $\beta = +.05$ 

- resources,

assessments and

compari sons  $\beta = -.02$ 

'Resources': sex, age, income, education, home ownership, marital status, number of children,

number of household mebers;

'Assessments': satisfaction with: standard of living, leisure time, housing, health, education, community, government;

'Comparisons': perception of being happier than

others and perceived financial improvement in the

past few years.

Page in Report: 971 **SIGEL 1981** Study

Sigelman, L. Reported in:

Is ignorance bliss? A reconsideration of the folk wisdom

Human Relations, vol. 34, 1981, p. 965-974

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

Sample:

Non-Response:

N: 2650

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

O Non-white Measurement: 1 White

Measured Values: Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa Beta=+.0 p<.01

 $\ensuremath{\mathtt{B}}$  controlled for: age, gender, education, family income, marital status, church attendance, political participation and health condition. B hardly decreases when intelligence (IQ) is also

control ed.

Page in Report: 457 Study **SPREI 1974** 

Reported in: Spreitzer, E. & Snyder, E.E.

> Correlates of life satisfaction among the aged. Journal of Gerontology, 1974, vol. 29, p. 454-458

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

Sample:

Non-Response:

N: 1547

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

0. Black Measurement:

1. White

Measured Values:

Error Estimates:

Remarks:

# **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/u/sq/v/3/a r=+.12 p<. 01 Unaffected by age.

Study THOMA 1986 Page in Report: 837

Reported in: Thomas, M.E.; Hughes, M.

The continuing significance of race: a study of race, class, and quality of life in

American Sociological Review, 1986, Vol. 51, 830-841

Population: 18+ aged, general public, USA, 1972-85

Sample: Probability multi-stage cluster sample

Non-Response:

N: 18000

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 1 Blacks 2 Whites

Measured Values: Blacks ±12%

Whites ±88%

Error Estimates:

Remarks: Blacks oversampled in 1982, N=354

Means (Ma) adjusted by age, marital status and social class (income, education,

employment status)

# **Observed Relation with Happiness**

Happiness Query	Statistics	Remarks
O-HL/c/sq/v/3/aa	DMa=+.2 p<.001	1972 whites: Ma=2.16, blacks: Ma=1.98 1973 whites: Ma=2BA5ks blacks: Ma=1.98 1974 whites: Ma=2MA5ks blacks: Ma=1.952, N=354 1975 whites: Ma=2sA5lal dass knoorde, adwation, employment 1976 whites: Ma=2sA5las) blacks: Ma=1.96 1977 whites: Ma=2.24, blacks: Ma=2.19 1978 whites: Ma=2.27, blacks: Ma=2.12 1980 whites: Ma=2.23, blacks: Ma=2.00 1982 whites: Ma=2.23, blacks: Ma=2.08 1983 whites: Ma=2.21, blacks: Ma=2.05 1984 whites: Ma=2.25, blacks: Ma=2.11 1985 whites: Ma=2.19, blacks: Ma=2.04
	B=00 p<.05	Whites (b=0002)
	B=+.00 ns	BI acks (b=+.0044)
	B=+.01 ns	Interaction race/year: difference in slope whites- blacks (b=+.0046)

B=

ns

Interaction with social class -class of origin (fathers education, mothers education, family income at age 16)
-own education

- -income
- -employment

Page in Report: 435

Correlate Code: E 3

Study **VEROF 1981** 

Veroff, J.; Douvan, E.; Kulka, R.A. Reported in:

The Inner American, A Self-portrait from 1957 to 1976

Basic Books, 1981, New York, USA

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

Sample:

Non-Response: 29%

2264

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

0 Blacks Measurement: 1 Whites

Measured Values:

Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/c/sq/v/3/aa 1957 G=+.33 p<.01

tb=+.08 p<.01

G=+.36 p<.01 1976

tb=+.10 p<.01

1957 1976

21 - 34 aged G' = +.52 (01)G' = +.70 (01) $_b' = +.13 (01)$  $_b' = +.21 (01)$ 35 - 54 aged = +.37 (01)G' = +.33 (01)b' = +.10 (01) $_b' = +.09 (01)$ G' = -.04 nsG' = +.03 ns55+ aged  $_b' = -.01$  $_b' = +.01$ ns

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

**Study WARD 1983/1** *Page in Report:* 318

Reported in: Ward, R.A.

The stability of racial differences across age strata Sociology and Social Research, vol.67, 1983, p.312-323

Population: 18+ aged, general public, non-institutionalized, USA, 1972-77

Sample:

Non-Response:

N: 9035

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Bl acks 1 Whi tes

Measured Values: Error Estimates:

Remarks:

### **Observed Relation with Happiness**

Happiness Query Statistics Remarks
O-HL/c/sq/v/3/aa Beta=+.1 age 18-39

Beta=.04 age 40-59 Beta=+.0 age 60+

B's controled for income, education and

occupational status.

The happiness advantage of wfhites decreases significantly with age. (Interaction p < .005)

Study WARD 1983/2 Page in Report: 318

Reported in: Ward, R.A.

The stability of racial differences across age strata

Sociology and Social Research, 1983, vol.67, p.312-323

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

Sample:

Non-Response:

N: 4085

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Bl acks 1 Whi tes

Measured Values:

Error Estimates:

Remarks:

# **Observed Relation with Happiness**

Happiness Query Statistics Remarks

A-BB/cm/mq/v/2/a Beta=-.0 age 18-39

Beta=+.0 age 40-59 Beta=+.0 age 60+

ß controled for income, education and occupational

status.

No interaction with age.

Study WESSM 1956 Page in Report: 183

Reported in: Wessman, A.E.

A psychological inquiry into satisfaction and happiness

Unpublished doctoral dissertation, 1956, Princeton University, U.S.A.

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

Sample:

Non-Response: -

N: 2377

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0 Negro 1 White

Measured Values: Error Estimates:

Remarks:

# **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-HL/g/sq/v/3/c G=+.01 ns

**Study ZEHNE 1977** *Page in Report:* 118/119

Reported in: Zehner, R.B.

Indicators of the quality of life in new communities.

Indicators of the quality of life in new communities. Ballinger Publishers, 1977,

Cambridge, USA.

Population: Residents communities, planned and unplanned, USA, 1973

Sample:

Non-Response:

N: planned;2596,

unplanned;1298,

total;3894

### **Measured Correlate**

Class: Ethnic status in the USA Code: E 3.2.9

Measurement: 0. Bl ack 1. Non-bl ack

Measured Values:

Error Estimates:

Remarks:

# **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-SLW/c/sq/n/7/a D%= Only those communities with sufficient blacks are

compared. % happy blacks is similar in planned and

conventionally developed communities.

Study CANTR1965/15 Page in Report: 377

Reported in: Cantril, H.

The patterns of human concerns.

New Brunswick, Rutgers University Press, New Jersey, 1965

Population: 21+ aged, general public, Yugoslavia, 1962

Sample:

Non-Response: -

N: 1523

### **Measured Correlate**

Class: Ethnic status in (former) Yugoslavia Code: E 3.2.10

Measurement: Slovenian / Serbian / Croatian / other

(at that time one nation)

Measured Values:

Error Estimates:

Remarks:

## **Observed Relation with Happiness**

Happiness Query Statistics Remarks

O-BW/c/sq/l/11/a DMt= SI oveni an : Mt = 5.3

Serbian : Mt = 5.2Croatian : Mt = 4.8other : Mt = 4.8

Page in Report: 24

Correlate Code: E 3

Reported in: Mitchell, R.E.

Levels of emotional strain in Southeast Asian cities

Asian Folklore & social life monographs, The Orient cultural Servic 1972, Taipei,

Formosa

Population: 18+ aged, general public, 4 big cities (Singapore, Bangkok, Taipei, Malaysia), South

East Asia, 1967-68

MITCH 1972/1

Sample:

Study

Non-Response: ranges from

7.6% to 44%

N: 6827 (men:

3452, women:

3375)

### **Measured Correlate**

Class: Ethnic status in regions Code: E 3.3

Measurement: Chi nese/I ndi an/Mal ay/Thai

Measured Values: Error Estimates:

Happiness Query

Remarks:

# **Observed Relation with Happiness**

Statistics

O-HL/c/sq/v/4/a	D%=	Racial group	% 'quite' or 'very'happy

Remarks

	total	men	women
Malaysian Indians	84	83	84
Tai pei Chi nese	85	85	84
Malaysian Chinese	88	88	89
Singapore Indian	91	91	90
Bangkok Chi nese	91	91	91
Singapore Chinese	91	91	92
Malaysian Malay	93	89	97
Bangkok Thai	93	95	92
Singapore Malay	97	96	98

Page in Report:

Correlate Code: E 3

Reported in: Rosenberg, M.

The dissonant religious context and emotional disturbace The American Journal of Sociology, 1962, vol. 68, 1, p.1-10

Population: High school pupils, New York, USA, 1960

Sample:

Study

Non-Response: 1% because of

inadequate answers

**ROSEN 1962** 

*N:* 1618

### **Measured Correlate**

Class: Ethnic status in neighborhood Code: E 3.4

Measurement: 0 Mi xed/Consonant

1 Di ssonant nei ghbourhood

The neighbourhood were one lived (longest) when one grew up was rated as either "dissonant" or "consonant" on the basis of a direct open question on the religious affiliation of most of the people in that neighbourhood (more than 50% different from ones

own religion rated "dissonant", less than 50% "mixed" or

"consonant").

Measured Values:

Error Estimates:

Remarks:

# **Observed Relation with Happiness**

Happiness Query Statistics Remarks

M-AO/g/mq/v/5/a G=-.24 p<.01 Stronger among Protestants and Jews than among

Catholics (G' respectively -. 40, -. 36, -. 07).

Lower when controlled for recall of prejudice experience.

Variable with cultural similarity:

-Catholics who grew up in Protestant area happier

than those who grew up in Jewish area,

-Protestants who grew up in Catholic area happier

than those who grew up in Jewish area,

-Jews who grew up in Protestant area happier than

those who grew up in Catholic area.

G=-.24 p<.01

Stronger among Protestants and Jews than among Catholics (G' respectively -. 40, -. 36, -. 07).

Lower when controlled for recall of prejudice experience.

Variable with cultural similarity:

- -Catholics who grew up in Protestant area happier than those who grew up in Jewish area,
- -Protestants who grew up in Catholic area happier than those who grew up in Jewish area,
- -Jews who grew up in Protestant area happier than those who grew up in Catholic area.

tb=-.08

Study BACHM 1978 Page in Report:

Reported in: Bachman, J. G., O'Malley, P. M., Johnston, J.

Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the lives Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978

Population: Public highschool boys followed 8 years from grade 10, USA, 1966-74

Sample:

Non-Response: 2.8% at T1,

17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* T1 - T5:

2213/1886/1799/ 1620/1628

### **Measured Correlate**

Class: Perceived occurrence of ethnic discrimination Code: E 3.7.1

Measurement: A mean of three items asking the respondent how many blacks he

thinks miss out on good jobs, housing, and schooling because of

racial discrimination.

Scale: 1.00 = none at all to 4.00 = many. Assessed at T3, T4 and T5

Measured Values:

Error Estimates:

Remarks:

# **Observed Relation with Happiness**

Happiness Query	Statistic	S	Remarks				
O-HP/g/mq/v/5/a	tau=	ns	Happi ness T1 T2 T3 T4 All _ not T1: 1966, T	_ = _ = _ = _ = si gni f	T3 +. 01 01 00 01 Fi cant	di scri mi na T4 +. 03 +. 03 +. 01 +. 01	T5 +. 02 +. 02 +. 04 +. 02

Page in Report: Study **DAVIS 1984** 

Reported in: James A. Davis

New money, an old man/lady and "two's company": subjective welfare in the NORC

Social Indicators Research, vol. 15, pp. 319-350

Population: 18+ aged, general public, English speaking, non-institutionalized, USA, 1972-82

Sample:

Non-Response:

N: 13581

### **Measured Correlate**

Class: Perceived occurrence of ethnic discrimination Code: E 3.7.1

Measurement: Single direct questions:

A. Do you feel a black person who has

the same education and

qualifications can get as good a job

as a white person?

B. If a black person has the same qualifications as a white person, do you feel he/she makes as much money?

C. Do you think opportunities for Blacks have improved in the last

five years?

Measured Values:

Error Estimates:

Remarks: Blacks only. Data 1982 N=510

# **Observed Relation with Happiness**

Statistics Happiness Query Remarks

G=+

O-HL/g/sg/v/3/d G= % very happy - al most al ways or sometimes 20 N=510

tau= - never 20

tau=+ - almost always or sometimes 18 25

(Blacks who perceive income discrimination are

happi er!)

% very happy

22 G=-% very happy

tau=-	- better	22
	- same	18
	- worse	19

Study ROSEN 1962 Page in Report:

Reported in: Rosenberg, M.

The dissonant religious context and emotional disturbace The American Journal of Sociology, 1962, vol. 68, 1, p.1-10

Population: High school pupils, New York, USA, 1960

Sample:

Non-Response: 1% because of

N:

inadequate answers 1618

### **Measured Correlate**

Class: Personal experience of ethnic discrimination Code: E 3.7.2

Measurement: Open-ended direct question: "When you were a child, were you ever

teased or called names by other children because of your

religion?", to assess the degree of experienced discrimination

(never, ever).

Measured Values:

Error Estimates:

Remarks:

# **Observed Relation with Happiness**

tb=-.07

Study BACHM 1978 Page in Report:

Reported in: Bachman, J. G., O'Malley, P. M., Johnston, J.

Youth in transition, vol. VI: Adolescence to adulthood, change and stability in the lives Institute for Social Research, University of Michigan, Ann Arbor, Michigan, 1978

Population: Public highschool boys followed 8 years from grade 10, USA, 1966-74

Sample:

Non-Response: 2.8% at T1,

17.2% at T2, 21.0% at T3, 28.9% at T4, 28.5% at T5

*N:* T1 - T5:

2213/1886/1799/ 1620/1628

### **Measured Correlate**

Class: Tendency to discriminate ethnic groups one-self Code: E 3.7.3

Measurement: A mean of three items asking the respondent how much he would mind

having close contact with people of a different race. A high score

indicates a large social distance. Assessed at T3, T4 and T5

Measured Values:

Error Estimates:

Remarks:

### **Observed Relation with Happiness**

## Appendix 1

# Queries on Happiness used in reported Studies

Happiness Query Code Full Text

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

Selfreport on 10 questions:

"During the past few weeks, did you ever feel ....?" (yes/no)

- A Particularly exited or interested in something?
- B So restless that you couldn't sit long in a chair?
- C Proud because someone complimented you on something you had done?
- D Very lonely or remote from other people?
- E Pleased about having accomplished something?
- F Bored?
- G On top of the world?
- H Depressed or very unhappy?
- I That things were going your way?
- J Upset because someone criticized you?

Answer options and scoring:

yes = 1

no = 0

Summation:

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

Possible range: -5 to +5

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

### A-BC/cm/mq/v/4/a

Selfreport on 13 questions:

"During the past month, did you ever feel.....?"

- A. Exited or pleased about something you were doing
- B. That important things in life are going your way
- C. Happy, satisfied, or pleased with your personal life.
- D. Exited or pleased with something you did or a problem you solved
- E. That you have a lot of friends you can count on
- F. Nervous or tense
- G. So restless and irritated you couldn't sit still
- H. Down-hearted or depressed
- I. Felt concerned or worried about your health
- J. Guilty about something you shouldn't have done
- K. Unable to get a good night's sleep
- L. That your mind was not working the way it should
- M. Miserable or discouraged about your future

Answer options:

1 none of the time

2

4 most of the time Summation: Positive Affect Scale (PAS):A+B+C+D+E Negative Affect Scale (NAS):F+G+H+I+J+K+L+M Affect Balance Scale (ABS): PAS minus NAS Possible range: -32 to + 20 Name: Bradburn's Affect Balance Scale (variation by Cohen) A-CP/g/rdn/?/7/a Rating by two independent staffmembers who were familiar with the patient. 7 happy 6 5 4 3 2 1 depressed C-?/c/sq/v/4/a Selfreport on single question: "In general, how good would you say your spirits are these days....?" 4 excelent 3 very good 2 fair 1 poor C-RG/h/sq/l/11/a Selfreport on single question: "How would you rate yourself as to how successful or unsuccessful you have been in terms of achieving your own goals and aims in life? Think of the top of the ladder as being completely successful, the bottom being entirely unsuccessfull." completely succesfull [ 10 ] 91 8] 7] 61 51 4] 31 2] 1] 0] entirely unsuccesfull M-AO/g/mg/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 questionaire.

Name: Rosen 'Depressive Affect Scale'

# M-AO/u/mq/\*/0/a

Selfreport on 2 questions:

A "Taking all things together, how would you say things are these days? Would you say you are....?"

- 1 not too happy
- 2 pretty happy
- 3 very happy
- B "How often do you feel that you are really enjoying life.....?"
- 1 rarely
- 2 now and than
- 3 fairly often
- 4 all the time

Summation: factor score

### O-BW/c/sq/I/11/a

Selfreport on single question:

"Here is a picture of a ladder. Suppose we say that the top of the ladder respresents the best possible life for you and the bottom represents the worst possible life for you. Where on the ladder do you feel you personally stand at the present time?"

[ 10 ] best possible life [ 9 ] [ 8 ] [ 7 ] [ 6 ] [ 5 ] [ 4 ] [ 3 ] [ 2 ] [ 1 ]

Preceded by 1) open questions about what the respondent imagines as the best possible life and the worst possible life. 2) ratings on the ladder of one's life five years ago and where on the ladder one expects to stand five years from now.

Name: Cantril's selfanchoring ladder rating of life (original)

### O-BW/c/sq/I/11/b

Selfreport on single question:

"Above you see a numbered ladder. Consider the top of the ladder as the best possible life and the bottom of the ladder as the worst possible life.

- A Please place an X where you feel you are now.
- B Place an Y at the point where you were five years ago.
- C Please place a Z at the point that you feel you will be at five years from now.

	[ 10 ] best possible life [ 9 ] [ 8 ] [ 7 ] [ 6 ] [ 5 ] [ 4 ] [ 3 ] [ 2 ] [ 1 ] [ 0 ] worst possible life
	Question A is the case question.
O-BW/cy/sq/l/9/a	Name: Cantril's selfanchoring ladder rating of life (modified version) 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
O-DT/c/sq/v/7/aa	Name: Cantril's selfanchoring ladder rating (modified version) Selfreport on single question:
	"How do you feel about your life as a whole right now?" 7 delightfull 6 very satisfying 5 satisfying 4 mixed 3 dissatisfying 2 very dissatisfying 1 terrible No opinion
O-DT/u/sq/v/7/a	Name: Andrews & Withey's `Delighted-Terrible Scale' ( modified version) Selfreport on single question:
	"How do you feel about your life as a whole?" 7 delighted 6 pleased

- 5 mostly satisfied
- 4 mixed
- 3 mostly dissatisfied
- 2 unhappy
- 1 terrible

Name: Andrews & Withey's `Delighted-Terrible Scale' (original version)

## O-DT/u/sqt/v/7/a

Selfreport on single question, asked twice in interview:

"How do you feel about your life as a whole.....?"

- 7 delighted
- 6 pleased
- 5 mostly satisfied
- 4 mixed
- 3 mostly dissatisfied
- 2 unhappy
- 1 terrible

Summation: arithmetic mean

Name: Andrews & Withey's "Delighted-Terrible Scale" (original version)

## O-GBB/u/sq/c/9/a

Selfreport on single question:

"Here are some circles that we can imagine represent the lives of different people. Circle eight has all pluses in it, to represent a person who has all the good things in his life. Circle zero has all minuses in it, to represent a person who has all the bad things in his life. Other circles are in between. Which circle do you think comes closest to matching your life?"

(circles not reproduced here)

```
8 +++++++
7 ++++++-
6 +++++--
5 +++++---
4++++----
2 ++-----
2 +-----
```

Name: Andrews & Withey's 'Circles Scale'

## 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/ba

Selfreport on single question:

"All in all, how much UNhappiness would you say that you find in life today......?"

1 a great deal

Print date: 7-2-2003

Correlate Code: E 3

"Generally speaking, how happy would you say you are.....?" 3 very happy 2 fairly happy 1 not too happy O-HL/u/sq/v/3/a Selfreport on single question: "Taking all together: how happy would you say you are? Would you say you are....?" 3 very happy 2 pretty happy 1 not too happy O-HL/u/sq/v/3/f Selfreport on single closed question: "Overall, how happy would you say you are with your life.....?" 3 very happy 2 somewhat happy 1 unhappy O-HL/u/sq/v/7/a Selfreport on single question: "Considering your life as a whole, would you describe it as....:?" 1 very happy 2 unhappy 3 4 an even mixture of unhappiness and happiness 5 happy 6 7 very happy no opinion O-HL/u/sq/v/7/b Selfreport on single question: "How do you feel how happy you are.....?" 7 delighted 6 pleased 5 mostly satisfied 4 mixed (about equally satisfied and dissatisfied) 3 mostly 2 unhappy 1 terrible O-HP/g/mg/v/5/a Selfreport on 6 questions: " Describe the kind of person you are. Please read each sentence, then mark how often it is true for you" 1 I feel like smiling 2 I generally feel in good spirits 3 I feel happy 4 I am very satisfied with life 5 I find a good deal of happiness in life 6 I feel sad

	Response options: 5 almost always true 4 often true 3 sometimes true 2 seldom true 1 never true
O-SL?/?/sq/v/4/a	Summation: average Possible range: 1 to 5 Selfreport on single question:
	" how satisfied are you with your life-as-a-whole?" (Full question not reported) 1 not very satisfied 2 somewhat satisfied 3 very satisfied 4 extremely satisfied
O-SLL/c/sq/v/3/a	Selfreport on single question:
0.011/2/22/24/24/2	"In general how satisfying do you find the way you are spending your life these days. Would you call it?  3 completely satisfying  2 pretty satisfying  1 not very satisfying
O-SLL/g/sq/v/4/a	Selfreport on single question:  "In general, how satisfied are you with your way of life?"  4 quite satisfied  3 fairly satisfied  2 sometimes dissatisfied  1 usually dissatisfied
O-SLu/c/sq/l/11/a	Selfreport on single question :
	"Some people seem to be quite happy and satisfied with their lives, while others seem quite unhappy and dissatisfied. Now look at this ladder (again). Suppose that a person who is entirely satisfied with his life would be at the top of the ladder and a person who is extremely dissatisfied with his life would be at the bottom of the ladder. Where would you put yourself on the ladder at the present stage of your life in terms of how satisfied or dissatisfied you are with your personal life?"  [10] entirely satisfied  [9]  [8]  [7]  [6]  [5]  [4]  [3]  [2]  [1]  [0] entirely dissatisfied

Name Cantril ladder rating (modified version) O-SLu/c/sq/v/5/d Selfreport on single question: "How would you describe your satisfaction with life in general at present.....?" 1 bad 2 poor 3 fair 4 good 1 excellent Selfreport on single question: O-SLu/u/sq/v/4/a "Overall, how satisfied are you with your life.....?" 4 very satisfied 3 satisfied 2 dissatisfied 1 very dissatisfied. O-SLW/c/sq/n/7/a Selfreport on single question: "We have talked about various parts of your life, now I want to ask you about your life as a whole. How satisfied are you with your life as a whole these days.....?" 7 completely satisfied 5 4 neutral 3 2 1 completely dissatisfied O-SLW/c/sq/v/5/c Selfreport on single question: ".....your life as a whole these days...." (Full question not reported) very dissatisfied 2 dissatisfied 3 neutral 4 satisfied 5 very satisfied O-SLW/c/sq/v/5/d Selfreport on single question: "Taking everything into consideration, how satisfied are you with life in general at the present time? Would you say you are ....?" 5 extremely satisfied 4 very satisfied 3 fairly satisfied 2 slightly satisfied not satisfied" O-SLW/u/sq/n/11/a Selfreport on single question: "All things considered, how satisfied or dissatisfied are you with your life as a

```
whole?"
                          10 completely satisfied
                          9
                          8
                          7
                          6
                          5
                          4
                          3
                          2
                          1
                          0
                             completely dissatisfied
O-SLW/u/sq/v/5/c
                          Selfreport on single question:
                          'How satisfied would you say you are with your life as a whole ....?'
                          4 completely satisfied
                          3 very satisfied
                          2 moderately satisfied
                          1 slightly satisfied
                          0 not satisfied at all
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
                             quite dissatisfied
                          In German:
                          "Wenn Sie Ihr Leben jetzt alles in allem betrachten, sind Sie.....?"
                          5 sehr zufrieden
                          4 ziemlich zufrieden
                          3 eher zufrieden
                          2 eher unzufrieden
                          1 ziemlich unzufrieden
O-Sum/u/mq/*/0/b
                          Selfreport in 2 questions:
                          A. "How satisfied are you with your life as a whole these days?"
                          10 completely satisfied
                          9
                          8
                          7
                          6
                          5
                          4
                          3
                          2
                          1
                            not at all satisfied
```

B. "Where would you place your life as a whole?"
Rated on a thermometer scale.

100 perfect, as good as you can imagine it being
90
80
70
60
50
40
30
20
10
0 terrible, as bad as you can imagine it being

Summation: factor loading

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 introductary text to the Catalog of Happiness Queries.

#### Statistics used in reported studies Appendix 2

Symbol Explanation В REGRESSION COEFFICIENT (non-standardized) Type: test statistic Measurement level: Correlate: metric, Happiness: metric Theoretical range: unlimited Meaning: B > 0 « a higher correlate level corresponds with, on an average, higher happiness rating. B < 0 « a higher correlate level corresponds with, on an average, lower happiness rating. B = 0 « not any correlation with the relevant correlate. Beta (B) STANDARDIZED REGRESSION COEFFICIENT Type: test statistic. Measurement level: Correlates: all metric, Happinessl: metric. Range: [-1; +1] Meaning: beta > 0 « a higher correlate level corresponds with, on an average, higher happiness beta < 0 « a higher correlate level corresponds with, on an average, lower happiness rating. beta = 0 « no correlation. beta = + 1 or -1 « perfect correlation. D% DIFFERENCE in PERCENTAGES Type: descriptive statistic only. Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous Range: [-100; +100] Meaning: the difference of the percentages happy people at two correlate levels. DM DIFFERENCE of MEANS Type: descriptive statistic only. Measurement level: Correlate: dichotomous, Happiness: metric Range: depending on the happiness rating scale of the author; range symmetric about zero. Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels. DIFFERENCE IN ADJUSTED MEANS, See also Ma DMa 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]

E²

Correlate Code: E 3

Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating

scale) between the two correlate levels.

CORRELATION RATIO (Elsewhere sometimes called h² or ETA)

Type: test statistic

Measurement level: Correlate: nominal or ordinal, Happiness: metric

Range: [0; 1]

Meaning: correlate is accountable for E<sup>2</sup> x 100 % of the variation in happiness.

E<sup>2</sup> = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.

 $E^2 = 1$  « knowledge of the correlate value enables an exact prediction of the

happiness rating

G GOODMAN & Kruskal's GAMMA

Type: test statistic

Measurement level: Correlate: ordinal, Happinessl: 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.

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.

R<sup>2</sup> COEFFICIENT of DETERMINATION

Type: test statistic

Measurement level: Correlates: all metric, Happiness: metric

Range: [0; 1]

Meaning:

 $R^2 = 0$  « no influence of any correlate in this study has been established.

 $R^2 = 1$  « the correlates determine the happiness completely.

SNR Statistic Not Reported

tau GOODMAN & Kruskal's TAU

Type: descriptive statistic only.

Measurement level: Correlate: nominal, Happiness: ordinal

Range: [0; +1]

tb

Correlate Code: E 3

Meaning:

tau = 0 « knowledge of the correlate value does not improve the prediction quality of the happiness rating.

tau = 1 « knowledge of the correlate value enables a perfect (error-free) prediction of the happiness rating.

KENDALL'S RANK CORRELATION COEFFICIENT TAU-B

Type: test statistic

Measurement level: Correlate: ordinal, Happiness: ordinal

Range: [-1; +1]

Meaning:

tb = 0 « no rank correlation

tb = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings.

tb = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.

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 Emperical studies Selection on valid measurement **Happiness Queries (3)** Testbank and classification Abstracting of findings **Distributional Findings Correlational Findings** What goes with happiness How happy people are o Happiness in Nations (4) o Happiness in Publics (6)

- 1 BIBLIOGRAPHY OF HAPPINESS Presents all contemporary scientific publications. Detailed subjectclassification. Current contents: 3422 titles, mainly in English.
- 2 DIRECTORY OF INVESTIGATORS Names and addresses of most authors on the subject. Enumerates years of publication. Current contents: 5818 names and 3073 addresses. Part of Bibliography.
- 3 CATALOG OF HAPPINESS QUERIES (testbank) Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Queries are classified by focus, time reference, mode of observation, rating and wording.
- 4 CATALOG OF HAPPINESS IN NATIONS Presents distributional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 1889 surveys in 112 nations, 1946-2000.
- 5 CATALOG OF HAPPINESS IN PUBLICS Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 705 studies. Part of Catalog of Correlational Findings.
- 6 CATALOG OF CORRELATIONAL FINDINGS Presents abstracts of correlational research findings. Detailed subject-classification. Allows comparison through time and across nations. Current contents: 7476 findings from 705 studies in 140 nations, 1911-2000.

# Appendix 4 Further Findings in the World Database of Happiness

Main Category's	Category Name	Number of Studies in this Category
A 1	ACTIVITY LEVEL (how much one does)	53
A 2	ACTIVITY PATTERN (what one does)	7
A 3	AFFECTIVE LIFE	31
A 4	AGE	279
A 5	AGGRESSION	11
A 6	ANOMY	30
A 7	APPEARANCE (good looks)	8
A 8	ATTITUDES	4
A 9	AUTHORITARIANISM	4
B 3	BODY	66
C 1	CHILDREN 1:	4
C 10	CREATIVENESS	6
C 11	CULTURE (Arts and Sciences)	6
C 2	CHILDREN: WANT FOR (Parental aspirations)	6
C 3	CHILDREN: HAVING (parental status)	145
C 4	CHILDREN'S CHARACTERISTICS	19
C 5	CHILDREN: RELATION WITH	8
C 6	CHILDREN: REARING (parental behavior)	11
C 7	COMMUNAL LIVING	1
C 8	CONCERNS	15
C 9	COPING	27
D 1	DAILY JOYS & HASSLES	4
E 1	EDUCATION	243
E 2	EMPLOYMENT	180
E 3	ETHNICITY	63
E 4	EXPRESSIVE BEHAVIOR	10
F 1	FAMILY OF ORIGIN (earlier family for adults, current for young)	195
F 2	FAMILY OF PROCREATION	42
F 3	FAMILY OF RELATIVES	145
F 4	FARMING	30
F 5	FREEDOM	24
F 6	FRIENDSHIP	123
G 1	GENDER	252
G 2	GRIEF	1
H 10	HOPE	3
H 11	HOUSEHOLD: COMPOSITION	90
H 12	HOUSEHOLD: WORK	10
H 13	HOUSING	75
H 2	HANDICAP	13

H 3	HAPPINESS: ATTITUDES	39
H 5	HAPPINESS CAREER	144
H 6	HAPPINESS: CURRENT LEVEL	260
H 8	HEALTH-BEHAVIOR	15
H 9	HELPING	4
I 1	INCOME	415
12	INSTITUTIONAL LIVING	28
13	INTELLIGENCE	63
I 4	INTERESTS	5
15	INTERVIEW	49
I 6	INTIMACY	70
L 1	LANGUAGE	1
L 10	LOCAL ENVIRONMENT	270
L 11	LOTTERY	7
L 12	LOVE-LIFE	26
L 2	LEADERSHIP	8
L 3	LEISURE	128
L 4	LIFE APPRAISALS: OTHER THAN HAPPINESS4	290
L 5	LIFE-CHANGE	26
L 6	LIFE-EVENTS	63
L 7	LIFE-GOALS	52
L 8	LIFE HISTORY	1
L 9	LIFE STYLE	4
M 1	MARRIAGE: MARITAL STATUS CAREER	32
M 10	MIGRATION: MIGRANT WORK	3
M 11	MILITARY LIFE	5
M 12	MODERNITY	5
M 13	MOOD	181
M 2	MARRIAGE: CURRENT MARITAL STATUS	315
M 3	MARRIAGE: RELATIONSHIP	99
M 4	MARRIAGE: PARTNER	34
M 5	MEANING	18
M 6	MEDICAL TREATMENT	49
M 7	MENTAL HEALTH	99
M 8	MIGRATION: OTHER COUNTRY	9
M 9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
N 1	NATIONALITY	5
N 2	NATION: TIME & PLACE	20
N 3	NATIONAL CHARACTER (modal personality)	2
N 4	NATION'S CONDITION	52
N 6	ATTITUDES TO THE NATION	111
N 7	LIVABILITY OF THE NATION	5
N 8	NUTRITION	18
O 1	OCCUPATION	133

P 1         PERSONALITY: HISTORY         4           P 10         POSSESSIONS         2           P 13         PSYCHO-SOMATIC COMPLAINTS         2           P 2         PERSONALITY: CURRENT ORGANIZATION           P 4         PERSONALITY: CURRENT TRAITS         36           P 5         PERSONALITY: LATER         2           P 6         PHYSICAL HEALTH         26           P 7         PLANNING         18           P 8         POLITICS         18           P 9         POPULARITY         18           R 1         RELIGION         19           R 2         RESOURCES         14           R 3         RETIREMENT         2           R 4         ROLES         1           S 1         SCHOOL         2           S 11         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         2           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         3           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         18           S 3			
P 10         POSSESSIONS         2           P 12         PROBLEMS         2           P 13         PSYCHO-SOMATIC COMPLAINTS         5           P 2         PERSONALITY: CHANGE         8           P 3         PERSONALITY: CURRENT ORGANIZATION         9           P 4         PERSONALITY: CURRENT TRAITS         3           P 5         PERSONALITY: LATER         2           P 6         PHYSICAL HEALTH         26           P 7         PLANNING         16           P 8         POLITICS         18           P 9         POPULARITY         2           R 1         RELIGION         19           R 2         RESOURCES         18           R 3         RETIREMENT         4           R 4         ROLES         1           S 1         SCHOOL         5           S 10         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         5           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         5           S 14         SUICIDE         5           S 2	0 2	ORGAN TRANSPLANTATION	11
P 12         PROBLEMS         2           P 13         PSYCHO-SOMATIC COMPLAINTS         5           P 2         PERSONALITY: CURRENT ORGANIZATION           P 4         PERSONALITY: CURRENT TRAITS         33           P 5         PERSONALITY: LATER         2           P 6         PHYSICAL HEALTH         22           P 7         PLANNING         15           P 8         POLITICS         15           P 9         POPPULARITY         2           R 1         RELIGION         15           R 2         RESOURCES         1           R 3         RETIREMENT         4           R 4         ROLES         1           S 1         SCHOOL         3           S 11         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         3           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         3           S 14         SUICIDE         15           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         15           S 3         SEX-L	P 1	PERSONALITY: HISTORY	44
P 13         PSYCHO-SOMATIC COMPLAINTS         2           P 2         PERSONALITY: CHANGE           P 3         PERSONALITY: CURRENT ORGANIZATION           P 4         PERSONALITY: CURRENT TRAITS         38           P 5         PERSONALITY: LATER         2           P 6         PHYSICAL HEALTH         26           P 7         PLANNING         18           P 8         POLITICS         18           P 9         POPULARITY         2           R 1         RELGION         18           R 2         RESOURCES         18           R 3         RETIREMENT         4           R 4         ROLES         1           S 1         SCHOOL         5           S 10         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         3           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         3           S 14         SUICIDE         4           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         18           S 3         SEX-LIFE	P 10	POSSESSIONS	26
P 2         PERSONALITY: CURRENT ORGANIZATION           P 4         PERSONALITY: CURRENT TRAITS         38           P 5         PERSONALITY: LATER         2           P 6         PHYSICAL HEALTH         26           P 7         PLANNING         15           P 8         POLITICS         15           P 9         POPULARITY         2           R 1         RELIGION         15           R 2         RESOURCES         16           R 3         RETIREMENT         4           R 4         ROLES         1           S 1         SCHOOL         9           S 10         SOCIAL SUPPORT: Provided         2           S 11         SOCIAL SUPPORT: Provided         2           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         1           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         15           S 3         SEX-LIFE         2           S 4         SLEEP         3           S 5         SOCIAL MOBILITY         4           S 6         SOCIAL PARTICIPATION:	P 12	PROBLEMS	20
P 3         PERSONALITY: CURRENT ORGANIZATION           P 4         PERSONALITY: CURRENT TRAITS           P 5         PERSONALITY: LATER           P 6         PHYSICAL HEALTH           P 7         PLANNING           P 8         POLITICS           P 9         POPULARITY           R 1         RELIGION           R 2         RESOURCES           R 3         RETIREMENT           R 4         ROLES           S 1         SCHOOL           S 10         SOCIAL SUPPORT: RECEIVED           S 11         SOCIAL SUPPORT: Provided           S 12         SPORTS           S 13         STIMULANTS           S 14         SUICIDE           S 15         SUMMED EFFECTS ON HAPPINESS           S 2         SELF-IMAGE           S 3         SEX-LIFE           S 4         SLEEP           S 5         SOCIAL MOBILITY           S 6         SOCIAL PARTICIPATION: PERSONAL CONTACTS           S 7         SOCIAL PARTICIPATION: PERSONAL CONTACTS           S 8         SOCIAL PARTICIPATION: TOTAL (personal + associations)           S 9         SOCIAL PARTICIPATION: TOTAL (personal + associations)           S 9         SOCIAL STAT	P 13	PSYCHO-SOMATIC COMPLAINTS	53
P 4         PERSONALITY: CURRENT TRAITS         38           P 5         PERSONALITY: LATER         2           P 6         PHYSICAL HEALTH         26           P 7         PLANNING         18           P 8         POLITICS         18           P 9         POPULARITY         2           R 1         RELIGION         18           R 2         RESOURCES         18           R 3         RETIREMENT         4           R 4         ROLES         1           S 10         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         2           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         3           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         18           S 3         SEX-LIFE         5           S 4         SLEEP         1           S 5         SOCIAL MOBILITY         1           S 6         SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS         11           S 7         SOCIAL PARTICIPATION: TOTAL (personal + associations)         2<	P 2	PERSONALITY: CHANGE	7
P 5         PERSONALITY: LATER         2           P 6         PHYSICAL HEALTH         26           P 7         PLANNING         18           P 8         POLITICS         18           P 9         POPULARITY         2           R 1         R ELIGION         18           R 2         RESOURCES         18           R 3         RETIREMENT         4           R 4         ROLES         1           S 10         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         3           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         3           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         19           S 3         SEX-LIFE         4           S 4         SLEEP         1           S 5         SOCIAL MOBILITY         1           S 6         SOCIAL PARTICIPATION: PERSONAL CONTACTS         5           S 7         SOCIAL PARTICIPATION: TOTAL (personal + associations)         11           S 8         SOCIAL STATUS (Socio-Economic Status)         <	P 3	PERSONALITY: CURRENT ORGANIZATION	7
P 6         PHYSICAL HEALTH         28           P 7         PLANNING         18           P 8         POLITICS         18           P 9         POPULARITY         2           R 1         RELIGION         15           R 2         RESOURCES         18           R 3         RETIREMENT         4           R 4         ROLES         1           S 10         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         3           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         3           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         18           S 3         SEX-LIFE         5           S 4         SLEEP         1           S 5         SOCIAL MOBILITY         1           S 6         SOCIAL PARTICIPATION: PERSONAL CONTACTS         5           S 7         SOCIAL PARTICIPATION: TOTAL (personal + associations)         1           S 8         SOCIAL PARTICIPATION: TOTAL (personal + associations)         1           T 1         TIME         <	P 4	PERSONALITY: CURRENT TRAITS	392
P 7         PLANNING           P 8         POLITICS         15           P 9         POPULARITY         2           R 1         RELIGION         15           R 2         RESOURCES         16           R 3         RETIREMENT         2           R 4         ROLES         1           S 10         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         2           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         3           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         18           S 3         SEX-LIFE         5           S 4         SLEEP         5           S 5         SOCIAL MOBILITY         1           S 6         SOCIAL PARTICIPATION: PERSONAL CONTACTS         5           S 7         SOCIAL PARTICIPATION: TOTAL (personal + associations)         1           S 8         SOCIAL PARTICIPATION: TOTAL (personal + associations)         1           T 1         TIME         2           T 2         THERAPY         3	P 5	PERSONALITY: LATER	23
P 8         POLITICS         15           P 9         POPULARITY         2           R 1         RELIGION         15           R 2         RESOURCES         16           R 3         RETIREMENT         4           R 4         ROLES         1           S 1         SCHOOL         2           S 10         SOCIAL SUPPORT: RECEIVED         2           S 11         SOCIAL SUPPORT: Provided         3           S 12         SPORTS         3           S 13         STIMULANTS         3           S 14         SUICIDE         5           S 15         SUMMED EFFECTS ON HAPPINESS         7           S 2         SELF-IMAGE         15           S 3         SEX-LIFE         5           S 4         SLEEP         5           S 5         SOCIAL MOBILITY         1           S 6         SOCIAL PARTICIPATION: PERSONAL CONTACTS         5           S 7         SOCIAL PARTICIPATION: PERSONAL CONTACTS         5           S 8         SOCIAL PARTICIPATION: TOTAL (personal + associations)         10           S 9         SOCIAL STATUS (Socio-Economic Status)         14           T 1         TIME	P 6	PHYSICAL HEALTH	286
P 9         POPULARITY         2           R 1         RELIGION         18           R 2         RESOURCES         18           R 3         RETIREMENT         2           R 4         ROLES         1           \$ 10         SOCIAL SUPPORT: RECEIVED         2           \$ 11         SOCIAL SUPPORT: Provided         2           \$ 12         SPORTS         3           \$ 12         SPORTS         3           \$ 13         STIMULANTS         3           \$ 14         SUICIDE         3           \$ 15         SUMMED EFFECTS ON HAPPINESS         7           \$ 2         SELF-IMAGE         18           \$ 3         SEX-LIFE         8           \$ 4         SLEEP         1           \$ 5         SOCIAL MOBILITY         1           \$ 6         SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS         11           \$ 7         SOCIAL PARTICIPATION: TOTAL (personal + associations)         2           \$ 8         SOCIAL STATUS (Socio-Economic Status)         12           \$ 7         THERAPY         3           \$ 7         VALUE CAREER         3           \$ 7         VALUE S: CLIMATE (current values in	P 7	PLANNING	7
R 1       RELIGION       15         R 2       RESOURCES       18         R 3       RETIREMENT       2         R 4       ROLES       1         S 1       SCHOOL       2         S 10       SOCIAL SUPPORT: RECEIVED       2         S 11       SOCIAL SUPPORT: Provided       2         S 12       SPORTS       3         S 13       STIMULANTS       3         S 14       SUICIDE       3         S 15       SUMMED EFFECTS ON HAPPINESS       7         S 2       SELF-IMAGE       15         S 3       SEX-LIFE       6         S 4       SLEEP       1         S 5       SOCIAL MOBILITY       1         S 6       SOCIAL MOBILITY       5         S 7       SOCIAL PARTICIPATION: PERSONAL CONTACTS       5         S 7       SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS       11         S 8       SOCIAL PARTICIPATION: TOTAL (personal + associations)       2         S 9       SOCIAL STATUS (Socio-Economic Status)       1         T 1       TIME       2         T 2       THERAPY       3         T 3       TOLERANCE       3	P 8	POLITICS	197
R 2       RESOURCES         R 3       RETIREMENT         R 4       ROLES         S 1       SCHOOL         S 10       SOCIAL SUPPORT: RECEIVED         S 11       SOCIAL SUPPORT: Provided         S 12       SPORTS         S 13       STIMULANTS         S 14       SUICIDE         S 15       SUMMED EFFECTS ON HAPPINESS         S 2       SELF-IMAGE         S 3       SEX-LIFE         S 4       SLEEP         S 5       SOCIAL MOBILITY         S 6       SOCIAL PARTICIPATION: PERSONAL CONTACTS         S 7       SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS         S 8       SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS         S 9       SOCIAL STATUS (Socio-Economic Status)         T 1       TIME         T 2       THERAPY         T 3       TOLERANCE         V 1       VALUE CAREER         V 2       VALUES: CURRENT PREFERENCES (own)         V 3       VALUES: SIMILARITY (current fit with others)         V 4       VALUES: SIMILARITY (current fit with others)         V 5       VICTIM         W 1       WAR         W 2       WORK CAREER </td <td>P 9</td> <td>POPULARITY</td> <td>22</td>	P 9	POPULARITY	22
R 3       RETIREMENT       4         R 4       ROLES       1         S 1       SCHOOL       2         S 10       SOCIAL SUPPORT: RECEIVED       2         S 11       SOCIAL SUPPORT: Provided       3         S 12       SPORTS       3         S 13       STIMULANTS       3         S 14       SUICIDE       3         S 15       SUMMED EFFECTS ON HAPPINESS       7         S 2       SELF-IMAGE       19         S 3       SEX-LIFE       5         S 4       SLEEP       16         S 5       SOCIAL MOBILITY       16         S 6       SOCIAL PARTICIPATION: PERSONAL CONTACTS       17         S 7       SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS       11         S 8       SOCIAL PARTICIPATION: TOTAL (personal + associations)       12         S 9       SOCIAL STATUS (Socio-Economic Status)       14         T 1       TIME       2         T 7       THERAPY       3         T 3       TOLERANCE       3         V 1       VALUES: CURRENT PREFERENCES (own)         V 2       VALUES: CLIMATE (current values in environment)         V 4       VALUES: SIMILARITY (curre	R 1	RELIGION	198
R 4       ROLES       1         S 1       SCHOOL       3         S 10       SOCIAL SUPPORT: RECEIVED       2         S 11       SOCIAL SUPPORT: Provided         S 12       SPORTS       3         S 13       STIMULANTS       3         S 14       SUICIDE       4         S 15       SUMMED EFFECTS ON HAPPINESS       7         S 2       SELF-IMAGE       19         S 3       SEX-LIFE       5         S 4       SLEEP       1         S 5       SOCIAL MOBILITY       1         S 6       SOCIAL PARTICIPATION: PERSONAL CONTACTS       5         S 7       SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS       11         S 8       SOCIAL PARTICIPATION: TOTAL (personal + associations)       2         S 9       SOCIAL STATUS (Socio-Economic Status)       14         T 1       TIME       2         T 2       THERAPY       3         T 3       TOLERANCE       3         V 1       VALUES: CURRENT PREFERENCES (own)         V 2       VALUES: CLIMATE (current values in environment)         V 4       VALUES: SIMILARITY (current fit with others)         V 5       VICTIM <tr< td=""><td>R 2</td><td>RESOURCES</td><td>8</td></tr<>	R 2	RESOURCES	8
\$ 1       SCHOOL         \$ 10       SOCIAL SUPPORT: RECEIVED         \$ 11       SOCIAL SUPPORT: Provided         \$ 12       SPORTS         \$ 13       STIMULANTS         \$ 14       SUICIDE         \$ 15       SUMMED EFFECTS ON HAPPINESS         \$ 2       SELF-IMAGE         \$ 3       SEX-LIFE         \$ 4       SLEEP         \$ 5       SOCIAL MOBILITY         \$ 6       SOCIAL PARTICIPATION: PERSONAL CONTACTS         \$ 7       SOCIAL PARTICIPATION: PERSONAL CONTACTS         \$ 8       SOCIAL PARTICIPATION: TOTAL (personal + associations)         \$ 8       SOCIAL PARTICIPATION: TOTAL (personal + associations)         \$ 9       SOCIAL STATUS (Socio-Economic Status)         \$ 11       TIME         \$ 12       THERAPY         \$ 13       TOLERANCE         \$ 2       V1         \$ 2       V2         \$ 3       VALUES: CLIMATE (current values in environment)         \$ 4       VALUES: SIMILARITY (current fit with others)         \$ 5       V1CTIM         \$ 6       W1         \$ 7       VALUES: SIMILARITY (current fit with others)	R 3	RETIREMENT	46
S 10       SOCIAL SUPPORT: RECEIVED         S 11       SOCIAL SUPPORT: Provided         S 12       SPORTS         S 13       STIMULANTS         S 14       SUICIDE         S 15       SUMMED EFFECTS ON HAPPINESS         S 2       SELF-IMAGE         S 3       SEX-LIFE         S 4       SLEEP         S 5       SOCIAL MOBILITY         S 6       SOCIAL PARTICIPATION: PERSONAL CONTACTS         S 7       SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS         S 8       SOCIAL PARTICIPATION: TOTAL (personal + associations)         S 9       SOCIAL STATUS (Socio-Economic Status)         T 1       TIME         T 2       THERAPY         T 3       TOLERANCE         V 1       VALUE CAREER         V 2       VALUES: CURRENT PREFERENCES (own)         V 3       VALUES: CLIMATE (current values in environment)         V 4       VALUES: SIMILARITY (current fit with others)         V 5       VICTIM         W 1       WAR         W 2       WORK CAREER	R 4	ROLES	13
S 11       SOCIAL SUPPORT: Provided         S 12       SPORTS         S 13       STIMULANTS         S 14       SUICIDE         S 15       SUMMED EFFECTS ON HAPPINESS         S 2       SELF-IMAGE         S 3       SEX-LIFE         S 4       SLEEP         S 5       SOCIAL MOBILITY         S 6       SOCIAL PARTICIPATION: PERSONAL CONTACTS         S 7       SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS         S 8       SOCIAL PARTICIPATION: TOTAL (personal + associations)         S 9       SOCIAL STATUS (Socio-Economic Status)         T 1       TIME         T 2       THERAPY         T 3       TOLERANCE         V 1       VALUE CAREER         V 2       VALUES: CURRENT PREFERENCES (own)         V 3       VALUES: CLIMATE (current values in environment)         V 4       VALUES: SIMILARITY (current fit with others)         V 5       VICTIM         W 1       WAR         W 2       WORK CAREER	S 1	SCHOOL	92
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Personal experience of ethnic

Tendency to discriminate ethnic

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discrimination

groups one-self

Ethno-centrism

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Related Topics

# **End of Report**

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E 3.7.3

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Attitudes to ethnic relations

**AUTHORITARIANISM**