Findings on Happiness & HANDICAP

Correlate Code: H 2

Classification of Findings		Number of Studies
Correlate Code	*Correlate Name*	*on this Subject*
H 2	HANDICAP	0
H 2.1	Handicap career	0
H 2.1.1	Earlier handicap	3
H 2.1.2	Change in handicap	0
H 2.1.2.1	. getting handicapped	0
H 2.1.2.2	. time since handicap	2
H 2.1.2.3	. revalidation from handicap	0
H 2.1.4	Later handicap	0
H 2.2	Being currently handicapped	2
H 2.2.1	Mental handicap	1
H 2.2.2	Physical handicap	4
H 2.2.2.1	. severity of handicap	0
H 2.3	Attitudes to handicap	1

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 & HANDICAP
	World Database of Happiness. Internet: www.eur.nl/fsw/research/happiness
	Erasmus University Rotterdam, 2003, Netherlands

Study	**VENTE 1997**	*Page in Report:*	412-420

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

Measured Correlate

Class:	Earlier handicap Code: H 2.1.1

Measurement:
```
(1)additional abnormal findings, day 1
(2)additional abnormal findings, day 5
(3)additional abnormal findings, day 5 or later
a: none
b: skin
c: blood and endocrine organs
d: respiratory apparatus
e: cardio-vascular system
f: wrong heart sound
g: gastro-intestinal system
h: uro-genital system
i: central nervous system
j: skeleto-muscular apparatus
k: enlargement of the breast
l: other
```

Measured Values: N 1 all:3271, %:1a:69,5, 1b:1,7, 1c:0,8, 1d:5,9, 1e:0,1, 1f:1,5, 1g:0,5, 1h:20,1, 1i:1,2, 1j:7,3, 1l:1,8
N 2 all:4378, %:2a:65,6, 2b:2,5, 2c:0,6, 2d:2,1, 2e:0,1, 2f:0,9, 2g:0,7, 2h:18,1, 2i:1,1, 2j:6,6, 2k:0,2 2l:1,5
N 3 all:4276, %:3a:95,7, 3c:0,4, 3d:1,0, 3g:0,4, 3h:0,4, 3i:0,2, 3j:0,2, 3k:1,5, 3l:0,2

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks		
A-AOL/m/sq/v/5/a		day 1	day 5	day 5 more
		1a: Ms=7.70	2a: 7.73	3a: 7.74
		1b: Ms=7.68	2b: 7.45	
		1c: Ms=7.83	2c: 7.78	3c: 7.50
		1d: Ms=7.65	2d: 7.83	3d: 7.50
		1e: Ms=8.00	2e: 8.75	

	1f: Ms=8.06	2f: 7.75	
	1g: Ms=8.38	2g: 8.71	3g: 8.16
	1h: Ms=7.76	2h: 7.74	3h: 7.36
	1i : Ms=7.94	2i : 7.88	3i : 8.58
	1j : Ms=7.76	2j : 7.65	3j : 7.50
	1k: Ms=-	2k: 7.81	3k: 7.50
	1l : Ms=7.54	2l : 7.54	3l : 7.81
O-HL/c/sq/v/5/h	day 1	day 5	day 5 more
	1a: Ms=7.00	2a: 7.04	3a: 7.03
	1b: Ms=7.25	2b: 6.74	
	1c: Ms=7.26	2c: 6.85	3c: 7.50
	1d: Ms=6.91	2d: 6.99	3d: 7.03
	1e: Ms=7.50	2e: 8.13	
	1f: Ms=7.06	2f: 7.14	
	1g: Ms=6.88	2g: 7.43	3g: 7.24
	1h: Ms=6.96	2h: 6.98	3h: 6.66
	1i : Ms=6.76	2i : 6.69	3i : 7.50
	1j : Ms=7.06	2j : 6.99	3j : 7.00
	1k: Ms=-	2k: 7.19	3k: 6.60
	1l : Ms=7.10	2l : 7.13	3l : 8.13
O-SLu/c/sq/v/5/e	day 1	day 5	day 5 more
	1a: Ms=7.38	2a: 7.40	3a: 7.41
	1b: Ms=7.54	2b: 7.01	
	1c: Ms=7.50	2c: 7.41	3c: 7.98
	1d: Ms=7.29	2d: 7.53	3d: 7.38
	1e: Ms=7.50	2e: 8.75	
	1f: Ms=7.66	2f: 7.86	
	1g: Ms=7.88	2g: 8.31	3g: 7.10
	1h: Ms=7.44	2h: 7.46	3h: 7.09
	1i : Ms=7.01	2i : 6.96	3i : 7.86
	1j : Ms=7.41	2j : 7.31	3j : 7.50
	1k: Ms=-	2k: 7.81	3k: 6.99
	1l : Ms=7.60	2l : 7.69	3l : 7.81

Study	**VENTE 1997**	*Page in Report:*	406,408

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

Measured Correlate

Class:	Earlier handicap Code: H 2.1.1

Measurement:
```
the infant's congenital deformities
a: unknown
b: blood and endocrine organs
c: skin
d: fontanella anomally
e: respiratory apparatus
f: cardio-vascular system
g: gastro-intestinal system
h: uro-genital system
i: central nervous ssystem
j: skeleto-muscular apparatus
k: endocrine organs
l: other
```

Measured Values: N:4391, %:a:84,4, b:0,1, c:2,6, d:9,4, e:0,3, f:0,1, g:1,1, h:0,5, i:0,3, j:1,6, k:0,0, l:0,3

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-AOL/m/sq/v/5/a		a: Mt=7.73
		b: Mt=9.16
		c: Mt=7.83
		d: Mt=7.71
		e: Mt=8.66
		f: Mt=8.34
		g: Mt=7.55
		h: Mt=7.50
		i: Mt=7.71
		j: Mt=7.39
		k: Mt=6.25
		l: Mt=7.50

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

a: Mt=7.01
b: Mt=7.50
c: Mt=6.93
d: Mt=7.04
e: Mt=7.66
f: Mt=7.09
g: Mt=6.81
h: Mt=7.50
i: Mt=6.46
j: Mt=7.03
k: Mt=8.75
l: Mt=7.33

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

a: Mt=7.39
b: Mt=8.34
c: Mt=7.13
d: Mt=7.51
e: Mt=8.34
f: Mt=8.34
g: Mt=7.01
h: Mt=7.29
i: Mt=7.71
j: Mt=7.35
k: Mt=7.50
l: Mt=7.68

Study **VENTE 1997**

Page in Report: 334-345

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

Measured Correlate

Class: Earlier handicap Code: H 2.1.1

Measurement:
```
signs of brain damage
a: convulsions, universal
b: convulsions, local
c: trembling
d: restless
e: sleeplessness
f: anxious
g: distant
h: limp
i: phenobarbital
j: convulsions, universal(II)
k: trembling(II)
l: restless(II)
m: limp(II)
n: phenobarbital(II)
o: unknown
p: creaking(characteristic sound during respiration)
q: attack of cyanosis
r: change of color(harleguin)
s: tense fontanelles
t: unknown(IV)
u: opishotonus
v: poor ability to drink
w: brain cry
x: frog position
y: other
z: unknown(V)
aa: creaking(characteristic sound during respiration)(V)
ab: attack of cyanosis(V)
ac: change of color(V)
ad: opisthotonus(V)
ae: poor ability to drink(V)
af: frog position(V)
ag: other(V)
```

Measured Values: N: a:11, b:8, c:361, d:53, e:5, f:13, g:6, h:94, i:64, j:4, k:60, l:30, m:17, n:50, o:3623, p:59, q:120, r:16, s:10, t:3623, u:14, v:66, w:8, x:45, y:12, z:4045, aa:13, ab:36, ac:10, ad:3, ae:63, af:42, ag:8

Error Estimates:

> *Remarks:* The same symptoms were written in different pages with different values
> To differentiate an (Roman) order number was addied on symptoms that were mentioned more times.
> Because of this unclear situation, only absolute frequencies of the values were given.

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-AOL/m/sq/v/5/a		a: Mt=7.50

a: Mt=7.50
b: Mt=6,56
c: Mt=7.80
d: Mt=8.06
e: Mt=8.00
f: Mt=7.50
g: Mt=8.75
h: Mt=7.39
i: Mt=7.85
j: Mt=7.50
k: Mt=8.21
l: Mt=7.91
m: Mt=7.20
n: Mt=7.95
o: Mt=7.73
p: Mt=8.01
q: Mt=7.85
r: Mt=7.81
s: Mt=6.25
t: Mt=7.73
u: Mt=7.86
v: Mt=7.88
w: Mt=7.50
x: Mt=7.28
y: Mt=7.50
z: Mt=7.73
aa: Mt=8.28
ab: Mt=7.91
ac: Mt=7.50
ad: Mt=6.66
ae: Mt=7.90
af: Mt=7.33
ag: Mt=7.19

The same symptoms were written in different pages with different values
To differentiate an (Roman) order number was addied on symptoms that were mentioned more times.
Because of this unclear situation, only absolute frequencies of the values were given.

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

a: Mt=6. 14
b: Mt=6. 88
c: Mt=7. 01
d: Mt=7. 21
e: Mt=7. 50
f: Mt=6. 73
g: Mt=7. 50
h: Mt=6. 86
i : Mt=6. 95
j : Mt=5. 63
k: Mt=7. 66
l : Mt=7. 34
m: Mt=7. 06
n: Mt=7. 05
o: Mt=7. 03
p: Mt=7. 29
q: Mt=6. 85
r: Mt=6. 56
s: Mt=6. 00
t: Mt=7. 03
u: Mt=7. 50
v: Mt=6. 98
w: Mt=7. 19
x: Mt=6. 73
y: Mt=7. 71
z: Mt=7. 00
aa: Mt=7. 69
ab: Mt=7. 01
ac: Mt=6. 00
ad: Mt=8. 34
ae: Mt=6. 95
af: Mt=6. 79
ag: Mt=7. 81

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

a: Mt=7.05
b: Mt=6.88
c: Mt=7.50
d: Mt=7.69
e: Mt=8.50
f: Mt=7.69
g: Mt=6.66
h: Mt=7.29
i: Mt=7.58
j: Mt=6.25
k: Mt=7.96
l: Mt=7.66
m: Mt=7.20
n: Mt=7.40
o: Mt=7.39
p: Mt=7.71
q: Mt=7.39
r: Mt=7.19
s: Mt=5.75
t: Mt=7.39
u: Mt=7.86
v: Mt=7.54
w: Mt=6.88
x: Mt=7.23
y: Mt=8.34
z: Mt=7.39
aa: Mt=7.69
ab: Mt=7.23
ac: Mt=6.75
ad: Mt=9.16
ae: Mt=7.50
af: Mt=7.26
ag: Mt=8.44

Study   CAMER 1973/2

Page in Report: 210

Reported in:	Cameron, P., Titus, D.G., Kostin, J. & Kostin, M.
	The life-satisfaction of non-normal persons.
	Journal of Consulting and Clinical Psychology, 1973, vol. 41nr. 2, p. 207-214
Population:	Handicapped and controls Detroit, USA,197?
Sample:	
Non-Response:	2% of the handicapped excluded because matching was impos- sible (lack of data)
N:	90

Measured Correlate

Class:	. time since handicap Code: H 2.1.2.2
Measurement:	Acquired defect vs defect since birth.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLu/c/sq/v/4/a	SNR= ns	Computed for handicapped Ss only.

| **Study** | **SCHUL 1985A** | *Page in Report:* | 1170 |

Reported in: Schulz,R. & Decker,S.
Long term adjustment to physical disability: The role of   social support, control and
Journal of Personality and Social Psychology, l985, vol.48, 1162-1172

Population: 40+ aged, spinal-cord-injured, non-institutionalised, Portland Oregon, USA, 198?

Sample:

Non-Response: 4%

N: 100

Measured Correlate

Class: . time since handicap Code: H 2.1.2.2

Measurement:

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query   *Statistics*   *Remarks*

A-BB/u/mq/v/3/a   r=-.18   p<.05

Study   **KAINU 1998**

Page in Report: 261

Reported in:	Kainulainen, Sakari
	Elämäntapahtumat ja elämään tyytyväisyys eri sosiaaliluokissa, (Life Events and Kuopio University Publications (E Social Sciences 62), Kuopio ,Finland . ISBN 951-781-821-1
Population:	18+ aged, general public, non-institutionalized, former province Kuopio, Finland, 1991-'96.
Sample:	Probability sample (unspecified)
Non-Response:	not rep
N:	2682

Measured Correlate

Class:	Being currently handicapped Code: H 2.2
Measurement:	Have you experienced disablement (a) during the last year ? (b) ever in your life ? Answers: No(=0) or Yes(=1).
Measured Values:	Never: N = 2016 Ever in your life: N = 427
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics		Remarks
O-SLu/c/sq/v/5/g	r=-.06	p<.	during the last year
	r=-.10	p<.	ever in your life
	DM=-	p<.	never: M = 3.89 ever in your life: M = 3.67 95% CI for difference: [0.13 ; 0.31]

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:	Being currently handicapped Code: H 2.2
Measurement:	Ratings by 2 experienced staff members on a 7-point scale, ranging from 'talks unintelligible' to 'talks well'.
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*		*Remarks*
A-CP/g/rdn/?/7/a	r=-	ns	Open ward: r = -.00 (ns)
			Closed ward: r = -.08 (ns)

Study	**CAMER 1975**	*Page in Report:*	218/220

Reported in: Cameron, P.
Mood as an Indicant of Happiness: Age, Sex, Social Class and Situational
Journal of Gerontology, 1975, Vol. 30, No.2, 216-224.

Population: College students, Detroit, USA, 197?

Sample:

Non-Response: ?

N: 187

Measured Correlate

Class: Mental handicap Code: H 2.2.1

Measurement: `Time sampling, the question asked 21 times during 10 weeks: "How`
`or to what degree were your thoughts tied to the situation at`
`hand(class or classmates)? Completely, remotely or unrelated.`

Measured Values:

Error Estimates:

Remarks: Completely:
Happy mood: r=-.23 (01)
Neutral mood: r=+.05 ns
Unhappy mood: r=-.06 ns

Remotely:
Happy mood: r=+.17 (05)
Neutral mood: r=-.27 (001)
Unhappy mood: r=+.15 (05)

Unrelated:
Happy mood: r=+.12 ns
Neutral mood: r=+.03 ns
Unhappy mood: r=-.07 ns

Happiness assessed by time sampling. Correlations concern frequency of report of
happy, neutral or sad mood.

Observed Relation with Happiness

Completely:
Happy mood: r=-.23 (01)
Neutral mood: r=+.05 ns
Unhappy mood: r=-.06 ns

Remotely:

Happy   mood: r=+.17 (05)
Neutral mood: r=-.27 (001)
Unhappy mood: r=+.15 (05)

Unrelated:
Happy   mood: r=+.12 ns
Neutral mood: r=+.03 ns
Unhappy mood: r=-.07 ns

Happiness assessed by time sampling.
Correlations concern frequency of report of happy,
neutral or sad mood.

Study	**BRICK 1978/1**	*Page in Report:*	921

Reported in:	Brickman, P., Coates, D. & Janoff-Bulman, R.
	Lottery winners and accident victims: Is happiness relative?
	Journal of Personality and Social Psychology, vol. 36, 1978,p. 917-927
Population:	Lottery winners, paralyzed accident victims, and controls, Illinois USA, 1977
Sample:	
Non-Response:	45.5%
N:	73

Measured Correlate

Class:	Physical handicap Code: H 2.2.2

Measurement:
```
Accident victims vs major lottery winners and
controls.
1. Accident victims: 11 paraplegic and
   18 quadraplegic accident victims,
   drawn from the fulltime patient
   population of a rehabilitation
   institute.
   N=29, non-response 15%.
2. Lottery winners: won $50000 or more
   in Illinois State Lottery.
   N=22, non-reponse 48%.
3. Controls: 22 individuals, living in
   approximately the same areas of the
   city as the lottery winners.
   N=22, non-reponse 41%.
```

Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-HL/c/sq/n/6/c	AoV=- p<..01	Accident victims: M=2.96 Mt'=5.92
		Lottery winners: M=4.00 Mt'=8.00
		Controls: M=3.82 Mt'=7.64
		Both difference with lottery winners and controls significant.
		Accident victims interviewed face-to-face; winners and controls interviewed by phone.

Study	**CAMER 1971**	*Page in Report:*	641-642

Reported in:	Cameron, P., v.Hoeck, D., Weiss, N. & Kostin, M.
	Happiness or life satisfaction of the malformed.
	Proceedings, 79th Annual Convention, A.P.A., 1971, vol. 6, p. 641-642.
Population:	Handicapped and controls Detroit, USA,197?
Sample:	
Non-Response:	
N:	295

Measured Correlate

Class:	Physical handicap Code: H 2.2.2
Measurement:	'Normal' vs handicapped.
	Control group of normals matched for sexe, age and situation
	(outpatient or inpatient or student).
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-AOL/g/sq/v/3/a	G=-.17 ns	
O-SLu/c/sq/v/5/c	G=-.13 ns	Reversed among those with incomes > $ 15,000. -

Study	**CAMER 1973/2**	*Page in Report:*	210

Reported in:	Cameron, P., Titus, D.G., Kostin, J. & Kostin, M.
	The life-satisfaction of non-normal persons.
	Journal of Consulting and Clinical Psychology, 1973, vol. 41nr. 2, p. 207-214
Population:	Handicapped and controls Detroit, USA,197?
Sample:	
Non-Response:	2% of the handicapped excluded because matching was impos- sible (lack of data)
N:	90

Measured Correlate

Class:	Physical handicap Code: H 2.2.2
Measurement:	`"normal" vs handicapped`
Measured Values:	
Error Estimates:	
Remarks:	

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
O-SLu/c/sq/v/4/a	AoV= ns	

Study	**SCHUL 1985A**	*Page in Report:*

Reported in: Schulz,R. & Decker,S.

Long term adjustment to physical disability: The role of   social support, control and

Journal of Personality and Social Psychology, l985, vol.48, 1162-1172

Population: 40+ aged, spinal-cord-injured, non-institutionalised, Portland Oregon, USA, 198?

Sample:

Non-Response: 4%

N: 100

Measured Correlate

Class: Physical handicap Code: H 2.2.2

Measurement:
```
1 Disabled:
  40+ aged spinal cord-injured with
  paraplegia or quadriplegia (complete
  and incomplete) in stable disease
  state. Non-institutionalized, most
  married. Average time since injury
  20 years.
0 Normals:
  18+ aged USA (Data BERKM 1971)
```

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	Statistics	Remarks
A-BB/u/mq/v/3/a	DM=-	Disabled: M=4.04 Mt'=5.0 Normals : M=3.77 Mt'=5.4 The distribution of happiness (affect) is similar in both groups. original M on range 7unhappy- 1 happy Ms' 0 unhappy- 10 happy

Study	**SCHUL 1985A**	*Page in Report:*	1170

Reported in: Schulz,R. & Decker,S.

Long term adjustment to physical disability: The role of   social support, control and
Journal of Personality and Social Psychology, l985, vol.48, 1162-1172

Population: 40+ aged, spinal-cord-injured, non-institutionalised, Portland Oregon, USA, 198?

Sample:

Non-Response: 4%

N: 100

Measured Correlate

Class: Attitudes to handicap Code: H 2.3

Measurement: `Single direct question on whether the subject felt he could have avoided the`
`disability.`

Measured Values:

Error Estimates:

Remarks:

Observed Relation with Happiness

Happiness Query	*Statistics*	*Remarks*
A-BB/u/mq/v/3/a	r=+.17 ns	

Appendix 1   *Queries on Happiness used in reported Studies*
Happiness Query Code   *Full Text*

A-AOL/g/sq/v/3/a	Selfreport on single question:

"How would you describe your general mood....?"
3 happy
2 neutral
1 sad

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

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

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

A-BB/u/mq/v/3/a

Selfreport on 8 questions:

"Here is a list that describes some of the ways people feel at different times. How often do you feel each of these ways?"

A Very lonely or remote from other people
B Depressed or very unhappy
C Bored
D So restless you couldn't sit long in a chair
E Vaguely uneasy about somethinhg without knowing why
F On top of the world
G Particularly excited or interested in something
H Pleased about having accomplished something

Answer options:
0 never
1 sometimes
2 often

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

Possible range -10 to +6 (transformed to ridits (0 - 1))

A-CP/g/rdn/?/7/a	Name: Bradburn's `Affect Balance Scale' (modified version) Rating by two independant staffmembers who were familiar with the patient. 7 happy 6 5 4 3 2 1 depressed
O-HL/c/sq/n/6/c	Selfreport on single question: "How happy are you now (not at this moment, but at this stage of life) .....?" 0 not at all 1 2 3 4 5 very much (originally rated on horizontal line scale)
O-HL/c/sq/v/5/h	Selfreport on single question 'How happy are you now?' 5 very happy 4 happy 3 neither happy nor unhappy 2 unhappy 1 very unhappy Original text in Danish: 'Hvor lykkelig er du for tiden?' 5 meget lykkelig 4 lykkelig 3 hverken eller 2 ullykklig 1 meget ullykkelig
O-SLu/c/sq/v/4/a	Selfreport on single question : "These days my life is .....". 4 just great 3 more than satisfactory 2 less than satisfactory 1 miserable
O-SLu/c/sq/v/5/c	Selfreport on single question: "Which of the statements below applies best to your current life?" 5 I am very satisfied with the course of my life 4 There are problems, but I am satisfied 3 I don't know whether I should be satisfied now, I think I am 2 I don't know whether I should be satisfied, in fact I am not 1 I am dissapointed in life

- Other

Original text in Dutch:
" Wilt U mij zeggen: welke van deze uitspraken vindt u   het beste op uw eigen leven, zoals het thans loopt, van   toepassing?"
e Ik ben zeer tevreden met de gang van zaken in mijn leven.
d Er zijn problemen, maar ik ben tevreden.
c Ik weet niet of ik nu tevreden moet zijn of niet. Eigenlijk wel!
b Ik weet niet of ik nu tevreden moet zijn of niet. Eigenlijk niet!
a Ik ben door het leven teleurgesteld
- Eigen keuze, nl. ....

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

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

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

O-SLu/c/sq/v/5/g   Self report on single question:

'How satisfying do you find your life at the moment.....?'
1 very dissatisfying
2 quite dissatisfying
3 not satisfying not dissatisfying
4 quite satisfying
5 very satisfying

In Finnish: 'Kuinka tyydyttäväksi koet elämäsi tällä hetkellä ?'

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.

Appendix 2   Statistics used in reported studies

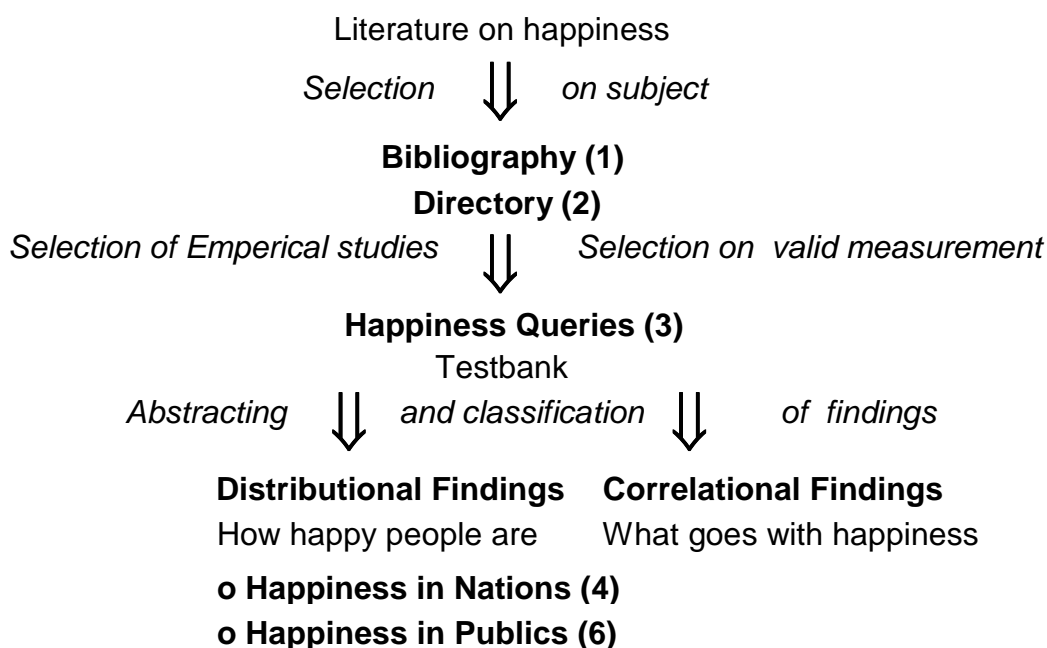| *Symbol*	*Explanation*
AoV	ANALYSIS of VARIANCE (ANOVA) Type: statistical procedure Measurement level: Correlate(s): nominal, Happiness: metric. In an ANOVA, the total happiness variability, expressed as the sum of squares, is split into two or more parts, each of which is assigned to a source of variability. At least one of those sources is the variability of the correlate, in case there is only one, and always one other is the residual variability, which includes all unspecified influences on the happiness variable. Each sum of squares has its own number of degrees of freedom (df), which sum up to Ne -1 for the total variability. If a sum of squares (SS) is divided by its own number of df, a mean square (MS) is obtained. The ratio of two correctly selected mean squares has an F-distribution under the hypothesis that the corresponding association has a zero-value. NOTE: A significantly high F-value only indicates that, in case of a single correlate, the largest of the c mean values is systematically larger than the smallest one. Conclusions about the other pairs of means require the application of a Multiple Comparisons Procedure (see e.g. BONFERRONI's MULTIPLE COMPARISON TEST, DUNCAN's MULTIPLE RANGE TEST or STUDENT-NEWMAN-KEULS)
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.
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.
r	PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient' or simply 'correlation coefficient') Type: test statistic. Measurement level: Correlate: metric, Happiness: metric Range: [-1; +1] Meaning: r = 0 « no correlation , r = 1 « perfect correlation, where high correlate values correspond with high happiness values, and

r = -1 « perfect correlation, where high correlate values correspond with low happiness values.

SNR   Statistic Not Reported

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

Abstracting ⇓ *and classification* ⇓ *of findings*

Distributional Findings   **Correlational Findings**

How happy people are   What goes with happiness

o Happiness in Nations (4)

o Happiness in Publics (6)

1   BIBLIOGRAPHY OF HAPPINESS Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 3422 titles, mainly in English.

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

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

4   CATALOG OF HAPPINESS IN NATIONS Presents distributional research findings, in particular responses to questions on happiness in national survey studies. Allows comparison across time and nations. Current content: 1889 surveys in 112 nations, 1946-2000.

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

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
I 2	INSTITUTIONAL LIVING	28
I 3	INTELLIGENCE	63
I 4	INTERESTS	5
I 5	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

O 2	ORGAN TRANSPLANTATION	11
P 1	PERSONALITY: HISTORY	44
P 10	POSSESSIONS	26
P 12	PROBLEMS	20
P 13	PSYCHO-SOMATIC COMPLAINTS	53
P 2	PERSONALITY: CHANGE	7
P 3	PERSONALITY: CURRENT ORGANIZATION	7
P 4	PERSONALITY: CURRENT TRAITS	392
P 5	PERSONALITY: LATER	23
P 6	PHYSICAL HEALTH	286
P 7	PLANNING	7
P 8	POLITICS	197
P 9	POPULARITY	22
R 1	RELIGION	198
R 2	RESOURCES	8
R 3	RETIREMENT	46
R 4	ROLES	13
S 1	SCHOOL	92
S 10	SOCIAL SUPPORT: RECEIVED	26
S 11	SOCIAL SUPPORT: Provided	3
S 12	SPORTS	32
S 13	STIMULANTS	33
S 14	SUICIDE	4
S 15	SUMMED EFFECTS ON HAPPINESS	71
S 2	SELF-IMAGE	193
S 3	SEX-LIFE	54
S 4	SLEEP	10
S 5	SOCIAL MOBILITY	16
S 6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	50
S 7	SOCIAL PARTICIPATION: VOLUNTARY ASSOCIATIONS	111
S 8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	25
S 9	SOCIAL STATUS (Socio-Economic Status)	140
T 1	TIME	27
T 2	THERAPY	9
T 3	TOLERANCE	37
V 1	VALUE CAREER	8
V 2	VALUES: CURRENT PREFERENCES (own)	49
V 3	VALUES: CLIMATE (current values in environment)	4
V 4	VALUES: SIMILARITY (current fit with others)	5
V 5	VICTIM	11
W 1	WAR	5
W 2	WORK CAREER	1
W 3	WORK CONDITIONS	34
W 4	WORK-ATTITUDES	313

W 5	WORK-PERFORMANCE (current)	6
W 6	WORRIES	27
X	UNCLASSIFIED	22

Appendix 5   Related Topics

This Topic		***Related Topics***	
Classification Page 1		*In Subject List on Appendix 4*	
H 2	HANDICAP		
H 2.1	Handicap career		
H 2.1.1	Earlier handicap		
H 2.1.2	Change in handicap		
H 2.1.2.1	. getting handicapped	V 5.2.2	Victim of accident
		L 6	LIFE-EVENTS
H 2.1.2.2	. time since handicap	P 6.1.1	Earlier physical health
H 2.1.2.3	. revalidation from handicap	P 6.1.2.2	. recovery from disease
H 2.1.4	Later handicap		
H 2.2	Being currently handicapped		
H 2.2.1	Mental handicap	M 7	MENTAL HEALTH
		I 3.4	Intelligence defects
H 2.2.2	Physical handicap	P 6.3	Current functional health
H 2.2.2.1	. severity of handicap	I 2.2.6	Living in a home for handicapped
H 2.3	Attitudes to handicap	C 9	COPING

End of Report