

World Database of Happiness



Correlational Findings on Happiness and ORGAN TRANSPLANTATION

Subject Code: O2

© on data collection: [Ruut Veenhoven](#),
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Classification of Findings

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
O2	ORGAN TRANSPLANTATION	0
O2.1	Organ donation	0
O2.1.1	Consent with donation after death	0
O2.1.2	Actual donation of organ during life	1
O2.2	Organ reception	0
O2.2.1	Want for organ transplantation	1
O2.2.2	Actual transplantation	9
O2.3	Attitudes to organ-transplantation	2
O2.3.1	Attitudes to organ-donation	4
O2.3.2	Attitudes to organ-reception	0
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 World Database of Happiness, Correlational Findings
 Internet: worlddatabaseofhappiness.eur.nl
 Erasmus University Rotterdam, 2009, Netherlands

Correlational finding on Happiness and Actual donation of organ during life

Subject code: O2.1.2

Study SIMMO 1977/3

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.
 Gift of Life: The Social and Psychological Impact of Organ Transplantation.
 Wiley, 1977, New York, USA. ISBN 0471 79 197 0
 Page in Report: 182

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

Sample:

Non-Response:

N: 133

Correlate

Authors label: Kidney donation (3)

Our classification: Actual donation of organ during life, code O2.1.2

Measurement: Change in happiness before and after transplantation.

T1: pretransplant during selection
 check.

T3: 1 yr after transplant

Difference at T3 with controls:

- non-donor recipients
- national population USA 1965
 (reported in BRADB 1969)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>G=+.03</u> <u>p<..001</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>G=+.35</u> <u>p<..02</u>	

O-SLW/c/sq/v/3/c G=+.13
p<..001

O-HL/c/sq/v/3/aa DMt= CHANGE in happiness:
+1.5

	very	pretty	not too	Mt'
- donors T1	34%	58%	8%	6.3
- donors T3	60%	35%	5%	7.8

Difference with:

O-SLW/c/sq/v/3/c DMt= CHANGE in lifesatisfaction
+0.9

	complete	pretty	not	Mt'
donors T1	26%	64%	10%	5.8
donors T3	37%	59%	4%	6.7

M-AO/g/mq/v/5/a DMt= T1-T2 change
1.9

17% had become less happy
35% had not changed
48% had become more happy

M-AO/g/mq/v/5/a G=+.29
p<..02

O-SLW/c/sq/v/3/c G=+.42
p<..001

O-HL/c/sq/v/3/aa G=+.48
p<..001

M-AO/g/mq/v/5/a DMt= T1-T3 change
1.2

O-SLW/c/sq/v/3/c DMt= difference with recipients T3
+1.2

	19%	71%	10%	5.5

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

O-HL/c/sq/v/3/aa DMt= - recipients T3
+1.8

	26%	68%	5%	6.0

M-AO/g/mq/v/5/a G=-.05
ns

O-HL/c/sq/v/3/aaDMt=
+2.1

- US population 30% 53% 17% 5.7
 Donors were already somewhat happier than controls
 at T1 but became much happier at T3

Correlational finding on Happiness and Want for organ transplantation

Subject code: O2.2.1

Study HICKS 2004

Reported in: Hicks, L.S.; Cleary, P.D.; Epstein, A.M.; Ayanian, J.Z.
 Differences in Health-Related Quality of Life and Treatment Preferences among Black and white Patients with End-Stage Final Disease.
 Quality of Life Research, 2004, Vol. 13, 1129 - 1137. ISSN 0962 9343 DOI:10.1023/B:QURE.0000031350.56924.cc
 Page in Report: 1134

Population: 18-54 aged, dialysed patients, USA, 1997

Sample: Probability stratified sample

Non-Response: 17,1%

N: 1392

Correlate

Authors label: Preference for transplantation

Our classification: Want for organ transplantation, code O2.2.1

Measurement: Selfreport
 Question not reported

1: want transplant
 0: other

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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<u>A-AB/cm/mq/v/6/a</u>	<u>D%=+</u>	happy	unhappy
	<u>p<.78</u>	1: want transplant	80,4%
		0: other	19,6%
			78,4%
			21,6%

A-AB/cm/mq/v/6/a Chi²=0.72
p<.40

Correlational finding on Happiness and Actual transplantation

Subject code: O2.2.2

Study MORRI 1989

Reported in: Morris, P.L.; Jones, B.
 Life Satisfaction across Treatment for Patients with End-Stage Renal Failure.
 The Medical Journal of Australia, 1989, Vol. 150, 420 - 432. ISSN 0025 729X
 Page in Report: 430

Population: Endstage renal patients, U.K. 198?

Sample: Non-probability chunk sample

Non-Response: 13%

N: 160

Correlate

Authors label: Treatment for renal failure

Our classification: Actual transplantation, code O2.2.2

Measurement: Treatment:
 a: Transplant recipients(Tx)
 b: Home hemodialysis (HHD)
 c: Hospital center hemodialysis(CHD)
 d: Patients at Renal Unit (CAPD)

Measured Values: N = a : 69, b: 24, c: 24, d: 21

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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<u>O-SLu/g/sq/n/10/a</u>	<u>DM=</u>	Renal Tranplant	M=7.9	CI95[6.8-9.0]
		Haemodialysis at home	M=7.0	CI95[6.15-7.85]
		Haemodialysis in hospital	M=6.4	CI95[4.9-7.9]
		Continuous ambulatory peritoneal dialysis	M=7.3	CI95[6.3-8.3]

Correlational finding on Happiness and Actual transplantation

Subject code: O2.2.2

Study MORRI 1989

Reported in: Morris, P.L.; Jones, B.
Life Satisfaction across Treatment for Patients with End-Stage Renal Failure.
The Medical Journal of Australia, 1989, Vol. 150, 420 - 432. ISSN 0025 729X
Page in Report: 430

Population: Endstage renal patients, U.K. 198?

Sample: Non-probability chunk sample

Non-Response: 13%

N: 160

Correlate

Authors label: Renal transplant

Our classification: Actual transplantation, code O2.2.2

Measurement: 1: Transplant recipients
0: All dialysis patients

Measured Values: N = 1: 69, : 0:69

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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<u>O-HL/c/sq/v/3/aa</u>	<u>G=+.65</u> <u>p<.01</u>	Happiness at:	T1	T2
<u>O-HL/c/sq/v/3/aa</u>	<u>tc=+.44</u> <u>p<.01</u>	not too happy	25%	7%
		pretty happy	58%	36%
		very happy	18%	57%

Correlational finding on Happiness and Actual transplantation

Subject code: O2.2.2

Study SIMMO 1977/1

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.
Gift of Life: The Social and Psychological Impact of Organ Transplantation.
Wiley, 1977, New York, USA. ISBN 0471 79 197 0
Page in Report:

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

Sample:

Non-Response: 15%

N: 178

Correlate

Authors label: Renal transplantation (1)

Our classification: Actual transplantation, code O2.2.2

Measurement: 0 controls (adult population USA)
1 recipients, 1 year posttransplant(T2)

0 controls (relatives of recipients
who did not donate a kidney,
posttransplant)
1 recipients, 1 year posttransplant(T2)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>G=+.30</u> <u>p<.01</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>tc=+.05</u> <u>p<.01</u>	% very happy: - controls - population USA ± 33 - relatives 26 - recipients 57
<u>O-HL/c/sq/v/3/aa</u>	<u>G=+.46</u> <u>p<.01</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>tc=+.28</u> <u>p<.01</u>	

Correlational finding on Happiness and Actual transplantation

Subject code: O2.2.2

Study SIMMO 1977/1

Reported in: Simmons, R.G.,; Klein, S.D.; Simmons, R.L.
Gift of Life: The Social and Psychological Impact of Organ Transplantation.
Wiley, 1977, New York, USA. ISBN 0471 79 197 0
Page in Report:

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

Sample:

Non-Response: 15%

N: 178

Correlate

Authors label: Renal transplantation (2)

Our classification: Actual transplantation, code O2.2.2

Measurement: 0 controls (adult population USA)
 1 recipients, 1 year posttransplant(T2)

0 controls (relatives of recipients
 who did not donate a kidney,
 posttransplant)
 1 recipients, 1 year posttransplant(T2)

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>G=+.30</u> <u>p<.01</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>tc=+.05</u> <u>p<.01</u>	% very happy: - controls - population USA ± 33 - relatives 26 - recipients 57
<u>O-HL/c/sq/v/3/aa</u>	<u>G=+.46</u> <u>p<.01</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>tc=+.28</u> <u>p<.01</u>	

Correlational finding on Happiness and Actual transplantation

Subject code: O2.2.2

Study SIMMO 1977/1

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.
 Gift of Life: The Social and Psychological Impact of Organ Transplantation.
 Wiley, 1977, New York, USA. ISBN 0471 79 197 0
 Page in Report:

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

Sample:

Non-Response: 15%

N: 178

Correlate

Authors label: Earlier happiness (1)

Our classification: Actual transplantation, code O2.2.2

Measurement: 0 T1: pretransplant
1 T2: one year posttransplant

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

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>r=+.46</u> <u>p<.001</u>	% happy: - diabetical patients: T1: 9% T2: 72% - non diabetical patients: T1: 37% T2: 81%

Correlational finding on Happiness and Actual transplantation Subject code: O2.2.2

Study SIMMO 1977/2

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.
Gift of Life: The Social and Psychological Impact of Organ Transplantation.
Wiley, 1977, New York, USA. ISBN 0471 79 197 0
Page in Report:

Population: 8-20 aged renal (ex-)patients and controls, USA, 1972-1973

Sample:

Non-Response:

N: 144

Correlate

Authors label: Renal transplantation (3)

Our classification: Actual transplantation, code O2.2.2

Measurement: 0 chronically ill children
1 transplanted children

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-AO/g/mq/v/5/a</u>	<u>G=+.13</u> <u>ns</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>G=+.10</u> <u>ns</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>tc=+.10</u> <u>ns</u>	

Correlational finding on Happiness and Actual transplantation Subject code: O2.2.2

Study SIMMO 1977/2

Reported in: Simmons, R.G.,; Klein, S.D.; Simmons, R.L.
Gift of Life: The Social and Psychological Impact of Organ Transplantation.
Wiley, 1977, New York, USA. ISBN 0471 79 197 0
Page in Report:

Population: 8-20 aged renal (ex-)patients and controls, USA, 1972-1973

Sample:

Non-Response:

N: 144

Correlate

Authors label: Renal transplantation (2)

Our classification: Actual transplantation, code O2.2.2

Measurement: 0 controls (Baltimore school children)
1 transplanted children

0 controls (siblings, normal)
1 transplanted children

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-AO/g/mq/v/5/a</u>	<u>G=+.15</u> <u>p<..05</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>G=+.20</u> <u>p<.01</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>G=+.21</u> <u>p<..001</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>tc=+.04</u> <u>ns</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>G=+.15</u> <u>p<.05</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>tc=+.10</u> <u>ns</u>	

Correlational finding on Happiness and Actual transplantation Subject code: O2.2.2

Study SIMMO 1988

Reported in: Simmons, R.G.; Abress, L.; Anderson, C.R.
Quality of Life after Kidney Transplantation.
Transplantation, 1988, Vol. 45, 415 - 421
Page in Report: 417

Population: Renal patients, 1-year post transplant, USA 1980-84

Sample: Probability stratified sample

Non-Response: 19%

N: 113

Correlate

Authors label: Transplant drug regime

Our classification: Actual transplantation, code O2.2.2

Measurement: 1: cyclosporine
0: conventional

Measured Values: Conventinal N= 40 Cyclosporine N= 51

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-AO/u/mq/v/5/a</u>	<u>DM=+</u> <u>p<..10</u>	Conventional therapy M= 3.47 Cyclosporine therapy M= 4.18 Difference +0.71
<u>O-HL/c/sq/v/3/aa</u>	<u>DM=+</u> <u>p<.05</u>	Conventional therapy M= 2.07 Cyclosporine therapy M= 2.39 Difference -0.22
<u>O-SLW/c/sq/n/7/a</u>	<u>DM=+</u> <u>p<.05</u>	Conventional therapy M= 5.32 Cyclosporine therapy M= 5.88 Difference -0.56

Correlational finding on Happiness and Attitudes to organ-transplantation
Subject code: O2.3

Study HICKS 2004

Reported in: Hicks, L.S.; Cleary, P.D.; Epstein, A.M.; Ayanian, J.Z.
 Differences in Health-Related Quality of Life and Treatment Preferences among Black and white Patients with End-Stage Final Disease.
 Quality of Life Research, 2004, Vol. 13, 1129 - 1137. ISSN 0962 9343 DOI:10.1023/B: QURE.0000031350.56924.cc
 Page in Report: 1134

Population: 18-54 aged, dialysed patients, USA,1997

Sample: Probability stratified sample

Non-Response: 17,1%

N: 1392

Correlate

Authors label: Preference for transplantation

Our classification: Attitudes to organ-transplantation, code O2.3

Measurement: Selfreport
 Question not reported

1: want transplant

0: other

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>							
<u>A-AB/cm/mq/v/6/a</u>	<u>D%=+</u> <u>p<.78</u>	1: want transplant 0: other	<table border="1"> <thead> <tr> <th>happy</th> <th>unhappy</th> </tr> </thead> <tbody> <tr> <td>80,4%</td> <td>78,4%</td> </tr> <tr> <td>19,6%</td> <td>21,6%</td> </tr> </tbody> </table>	happy	unhappy	80,4%	78,4%	19,6%	21,6%
happy	unhappy								
80,4%	78,4%								
19,6%	21,6%								
<u>A-AB/cm/mq/v/6/a</u>	<u>Chi²=0.72</u> <u>p<.40</u>								

Correlational finding on Happiness and Attitudes to organ-transplantation
 Subject code: O2.3

Study **HICKS 2004**

Reported in: Hicks, L.S.; Cleary, P.D.; Epstein, A.M.; Ayanian, J.Z.
 Differences in Health-Related Quality of Life and Treatment Preferences among Black and white Patients with End-Stage Final Disease.
 Quality of Life Research, 2004, Vol. 13, 1129 - 1137. ISSN 0962 9343 DOI:10.1023/B:QURE.0000031350.56924.cc
 Page in Report: 1134

Population: 18-54 aged, dialysed patients, USA,1997

Sample: Probability stratified sample

Non-Response: 17,1%

N: 1392

Correlate

Authors label: Very certain of preference for transplantation

Our classification: Attitudes to organ-transplantation, code O2.3

Measurement: Selfreport
 Question not reported

1 very certain
 0 other

Measured Values: unhappy:N=648; happy:N=744

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>	
<u>A-AB/cm/mq/v/6/a</u>	<u>D%=+</u> <u>p<.30</u>	1 very certain 0 other	happy unhappy 66,7% 64.0% 33,3% 36.0%
<u>A-AB/cm/mq/v/6/a</u>	<u>Chi²=0.94</u> <u>p<.33</u>		

Correlational finding on Happiness and Attitudes to organ-donation

Subject code: O2.3.1

Study SIMMO 1974

Reported in: Simmons, R.G.; Bruce, J.; Bienvenue, R.; Fulton, J.
Who Signs an Organ Donor-Card: Traditionalism versus Transplantation.
Journal of Chronic Diseases, 1974, Vol. 27, 491- 502
Page in Report: 63

Population: Signers of organ-donor cards (and controls), USA, 1969

Sample:

Non-Response:

N: 75

Correlate

Authors label: Willingness to organ donation (1)

Our classification: Attitudes to organ-donation, code O2.3.1

Measurement: 0 non-signers (neighbour controls)
1 signers of donor-cards

'signing of donor-card' involves permission to use ones
organs for the purpose of transplantation when dead

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>G=-.03</u> <u>ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>G=-.04</u> <u>ns</u>	
<u>O-HL/c/sq/v/3/aa</u>	<u>tc=-.02</u> <u>ns</u>	

Correlational finding on Happiness and Attitudes to organ-donation

Subject code: O2.3.1

Study **SIMMO 1977/3**

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.
 Gift of Life: The Social and Psychological Impact of Organ Transplantation.
 Wiley, 1977, New York, USA. ISBN 0471 79 197 0
 Page in Report: 192

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

Sample:

Non-Response:

N: 133

Correlate

Authors label: Negative reaction to kidney donation (3)

Our classification: Attitudes to organ-donation, code O2.3.1

Measurement: Amount of negative feelings towards donation one year after.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-AO/g/mq/v/5/a</u>	<u>r=+.27</u> <u>p<..005</u>	
<u>M-AO/g/mq/v/5/a</u>	<u>r=-.27</u> <u>p<.005</u>	Happiness as assessed before transpant (T1). Least happy donors at T1 report most negative feelings at T3.
<u>M-AO/g/mq/v/5/a</u>	<u>r=-.27</u> <u>p<.005</u>	Happiness as assessed before transplant (T1). Least happy donors at T1 report most negative feelings at T3.

Correlational finding on Happiness and Attitudes to organ-donation

Subject code: O2.3.1

Study **SIMMO 1977/3**

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.
 Gift of Life: The Social and Psychological Impact of Organ Transplantation.
 Wiley, 1977, New York, USA. ISBN 0471 79 197 0
 Page in Report: 182

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

Sample:

Non-Response:

N: 133

Correlate

Authors label: Kidney donation (1)

Our classification: Attitudes to organ-donation, code O2.3.1

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

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

Remarks: change % happiness index score

	high	middle	low	Ms'
donors T1	57	38	5	7.0
donors T2	74	23	3	8.9
donors T3	72	21	0	8.2

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
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<u>M-AO/g/mq/v/5/a</u>	<u>DMt=</u>	T1-T2 change
	<u>1.9</u>	17% had become less happy
		35% had not changed
		48% had become more happy

<u>M-AO/g/mq/v/5/a</u>	<u>DMt=</u>	T1-T3 change
	<u>1.2</u>	

Correlational finding on Happiness and Attitudes to organ-donation

Subject code: O2.3.1

Study SIMMO 1977/3

Reported in: Simmons, R.G.; Klein, S.D.; Simmons, R.L.
 Gift of Life: The Social and Psychological Impact of Organ Transplantation.
 Wiley, 1977, New York, USA. ISBN 0471 79 197 0
 Page in Report: 192

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

Sample:

Non-Response:

N: 133

Correlate

Authors label: Ambivalence towards donation (1)

Our classification: Attitudes to organ-donation, code O2.3.1

Measurement: 7-item index of close questions.

Observed Relation with Happiness

<i>Happiness Measure</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/aa</u>	<u>G=+.03</u> <u>ns</u>	

O-HL/c/sq/v/3/aa r= ns Happiness as assessed at T1 (pre-transplant).

O-HL/c/sq/v/3/aa G=+.48
p<..001

Appendix 1: Happiness Items used

*Happiness Item
Code*

Full Text

A-AB/cm/mq/v/6/a

Selfreport on 5 questions:

During the past month, how much of the time did you feel:

A very nervous

B so down in the dumps that nothing could cheer you up

C calm and peacefull

D downhearted and blue

E happy

Response options:

6 all of the time

5 most of the time

4 a good bit of the time

3 some of the time

2 a little of the time

1 none of the time

Summation: (A+B+D)-(C+E)

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

Selfreport on 6 questions:

A On the whole, how happy would you say you are?

B On the whole, I think I am a quite happy person.

C In general, how would you say you feel most of the time -in good or in low spirits?

D I get a lot of fun out of life.

E I wish I could be as happy as others seem to be.

F How often do you feel downcast and rejected?

Response options: not reported

The items of this scale were randomly distributed in the questionnaire.

Name: Rosen 'Depressive Affect Scale'

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

Selfreport on 2 questions:

A "Taking all aspects of yourself and your life into account, which of the following best describes your own feelings of satisfaction with life....?"

- 5 I am extremely satisfied with my life
- 4 I am satisfied with my life
- 3 I am somewhat satisfied with my life
- 2 I am slightly satisfied with my life
- 1 I am not at all satisfied with my life

B "In general terms, about what proportion of the time do you feel satisfied.....?"

- 5 all of the time
- 4 most of the time
- 3 some of the time
- 2 rarely
- 1 never

Summation: not reported

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

Selfreport on single question:

Taken all together, how would you say things are these days? Would you say that you are....?

- 3 very happy
- 2 pretty happy
- 1 not too happy

O-SLu/g/sq/n/10/a

Selfreport on single question:

How satisfied are you with your life in general?

- 1 very dissatisfied
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 very satisfied

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

6

5

4 neutral

3

2

1 completely dissatisfied

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

"In general: how satisfying do you find the way of life these days.....?"

3 completely satisfying

2 pretty satisfying

1 not satisfying

Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
Chi ²	<p>CHI-SQUARE</p> <p>Type: test statistic</p> <p>Range: $[0; Ne * (\min(c,r)-1)]$, where c and r are the number of columns and rows respectively in a cross tabulation of Ne sample elements.</p> <p>Meaning:</p> <p>Chi² $\leq (c-1) * (r-1)$ means: no association</p> <p>Chi² $\gg (c-1) * (r-1)$ means: strong association</p>
D%	<p>DIFFERENCE in PERCENTAGES</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous</p> <p>Range: [-100; +100]</p> <p>Meaning: the difference of the percentages happy people at two correlate levels.</p>
DM	<p>DIFFERENCE of MEANS</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: dichotomous, Happiness: metric</p> <p>Range: depending on the happiness rating scale of the author; range symmetric about zero.</p> <p>Meaning: the difference of the mean happiness, as measured on the author's rating scale, between the two correlate levels.</p>
DMt	<p>DIFFERENCE of MEANS AFTER TRANSFORMATION</p> <p>Type: descriptive statistic only.</p> <p>Measurement level: Correlate: dichotomous, Happiness: metric</p> <p>Theoretical range: [-10; +10]</p> <p>Meaning: the difference of the mean happiness (happiness measured at a 0-10 rating scale) between the two correlate levels.</p>

G	<p>GOODMAN & Kruskal's GAMMA Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal Range: [-1; +1]</p> <p>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.</p>
r	<p>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]</p> <p>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.</p>
tc	<p>KENDALL'S TAU-C (Also referred to as Stuart's tau-c) Type: test statistic Measurement level: Correlate: ordinal, Happiness: ordinal Range: [-1; +1]</p> <p>Meaning: tc = 0 « no rank correlation tc = 1 « perfect rank correlation, where high values of the correlate correspond with high happiness ratings. tc = -1 « perfect rank correlation, where high values of the correlate correspond with low happiness ratings.</p>

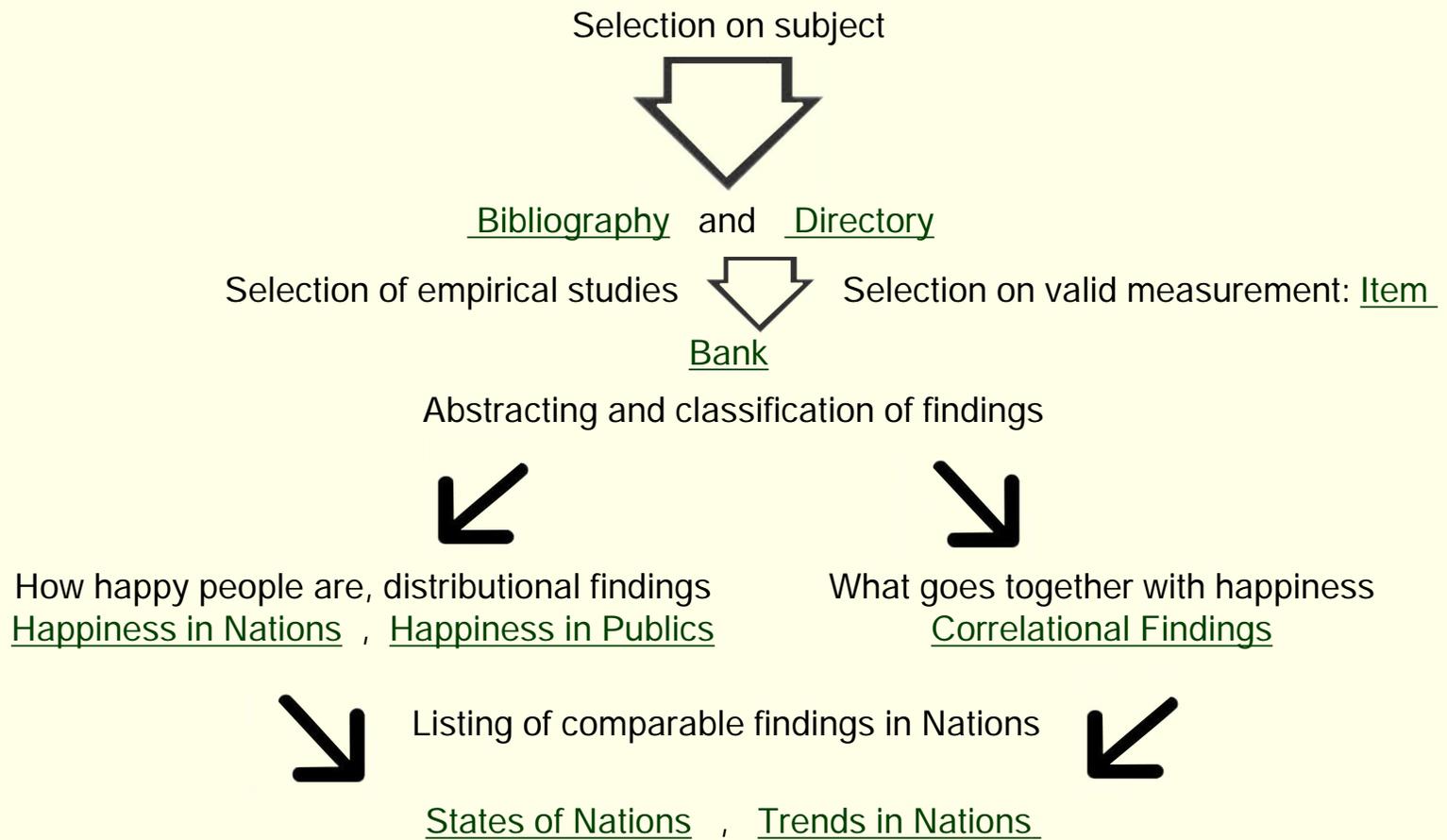
Appendix 3: About the World Database of Happiness

Structure of the collections

The World Database of Happiness is an ongoing register of scientific research on the subjective enjoyment of life.

It brings together findings that are scattered throughout many studies and provides a basis for synthetic work.

World literature on Happiness



Size of the collections

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

Appendix 4 Further Findings in the World Database of Happiness

Main Subjects	Subject Description	Number of Studies
A1	ACTIVITY: LEVEL (how much one does)	58
A2	ACTIVITY: PATTERN (what one does)	32
A3	AFFECTIVE LIFE	48
A4	AGE	400
A5	AGGRESSION	12
A6	ANOMY	32
A7	APPEARANCE (good looks)	15
A8	ATTITUDES	6
A9	AUTHORITARIANISM	4
B1	BIRTH CONTROL	1

B2	BIRTH HISTORY (own birth)	201
B3	BODY	77
C1	CHILDREN	1
C2	CHILDREN: WANT FOR (Parental aspirations)	6
C3	CHILDREN: HAVING (parental status)	195
C4	CHILDREN: CHARACTERISTICS OF ONE'S CHILDREN	25
C5	CHILDREN: RELATION WITH ONE'S CHILDREN	8
C6	CHILDREN: REARING OF ONE'S CHILDREN (parental behavior)	26
C7	COMMUNAL LIVING	9
C8	CONCERNS	18
C9	COPING	43
C10	CREATIVENESS	6
C11	CULTURE (Arts and Sciences)	8
D1	DAILY JOYS & HASSLES	5
E1	EDUCATION	302
E2	EMPLOYMENT	363
E3	ETHNICITY	98
E4	EXPRESSIVE BEHAVIOR	12
F1	FAMILY OF ORIGIN (earlier family for adults, current for young)	236
F2	FAMILY OF PROCREATION	58
F3	FAMILY OF RELATIVES	157
F4	FARMING	25
F5	FREEDOM	32
F6	FRIENDSHIP	152
G1	GENDER	370
G2	GRIEF	1
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS: VIEWS ON HAPPINESS	49
H4	HAPPINESS: DISPERSION OF HAPPINESS	10
H5	HAPPINESS: CAREER	191
H6	HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES	310
H7	HAPPINESS OF OTHERS	0
H8	HAPPINESS: REPUTATION OF HAPPINESS	19
H9	HEALTH-BEHAVIOR	25
H10	HELPING	5
H11	HOPE	8
H12	HOUSEHOLD: COMPOSITION	137
H13	HOUSEHOLD: WORK	32

H14	HOUSING	106
I1	INCOME	552
I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	71
I4	INTERESTS	8
I5	INTERVIEW	73
I6	INTIMACY	103
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	206
L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	86
L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	22
L10	LOCAL ENVIRONMENT	374
L11	LOTTERY	8
L12	LOVE-LIFE	31
M1	MARRIAGE: MARITAL STATUS CAREER	64
M2	MARRIAGE: CURRENT MARITAL STATUS	543
M3	MARRIAGE: RELATIONSHIP	115
M4	MARRIAGE: PARTNER	46
M5	MEANING	23
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	218
M8	MIGRATION: TO OTHER COUNTRY	29
M9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
N1	NATION: NATIONALITY	29
N2	NATION: ERA (temporal period)	41
N3	NATION: NATIONAL CHARACTER (modal personality)	29
N4	NATION: CONDITION IN ONE'S NATION	430
N5	NATION: POSITION OF ONE'S NATION	1
N6	NATION: ATTITUDES TO ONES NATION	152

N7	NATION: LIVABILITY OF ONE'S NATION	17
N8	NATION i: ATTITUDES IN	1
N9	REGION IN NATION	59
N10	NUTRITION	23
N21	ERA	0
O1	OCCUPATION	178
O2	ORGAN TRANSPLANTATION	17
P1	PERSONALITY: HISTORY	48
P2	PERSONALITY: CHANGE	10
P3	PERSONALITY: CURRENT ORGANIZATION	7
P4	PERSONALITY: CURRENT TRAITS	462
P5	PERSONALITY: LATER	23
P6	PHYSICAL HEALTH	427
P7	PLANNING	11
P8	POLITICAL BEHAVIOUR	231
P9	POPULARITY	26
P10	POSSESSIONS	60
P11	PRISON	1
P12	PROBLEMS	25
P13	PSYCHO-SOMATIC COMPLAINTS	62
P14	PETS	3
R1	RELIGION	251
R2	RESOURCES	9
R3	RETIREMENT	89
R4	ROLES	23
S1	SCHOOL	129
S2	SELF-IMAGE	237
S3	SEX-LIFE	61
S4	SLEEP	16
S5	SOCIAL MOBILITY	17
S6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	69
S7	SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS	131
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	34
S9	SOCIO-ECONOMIC STATUS	154
S10	SOCIAL SUPPORT: RECEIVED	62
S11	SOCIAL SUPPORT: PROVIDED	6
S12	SPORTS	38
S13	STIMULANTS	49
S14	SUICIDE	8

S15	SUMMED DETERMINANTS	92
T1	TIME	53
T2	THERAPY	38
T3	TOLERANCE	37
V1	VALUES: CAREER	8
V2	VALUES: CURRENT PREFERENCES (own)	73
V3	VALUES: CLIMATE (current values in environment)	7
V4	VALUES: SIMILARITY (current fit with others)	12
V5	VICTIM	14
W1	WAR	5
W2	WISDOM	2
W3	WORK: CAREER	2
W4	WORK: CONDITIONS	68
W5	WORK: ATTITUDES	347
W6	WORK: PERFORMANCE (current)	29
W7	WORRIES	31
XX	UNCLASSIFIED	25

Appendix 5: Related Subjects

<i>Subject</i>	<i>Related Subject(s)</i>
O2 ORGAN TRANSPLANTATION	M6.3 Kind of current treatment
O2.2 Organ reception	P6.4.64 Kidney disease

A report of the World Database of Happiness, Correlational Findings