

# World Database of Happiness



## Correlational Findings on Happiness and WORK e: PERFORMANCE (current) Subject Code: W6

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### Classification of Findings

<i>Subject Code</i>	<i>Description</i>	<i>Nr of Studies on this Subject</i>
W6	WORK e: PERFORMANCE (current)	0
W6.1	Work-performance career	0
W6.1.1	Earlier work-performance	1
W6.1.2	Change in work-performance	2
W6.1.4	Later work-performance	16
W6.2	Current work-performance	1
W6.2.1	Actual work-performance	2
W6.2.1.1	. absenteeism at work	2
W6.2.1.2	. productivity at work	0
W6.2.2	Self-perceived work-performance	4
Appendix 1	Happiness Items used	
Appendix 2	Statistics used	
Appendix 3	About the World Database of Happiness	
Appendix 4	Further Findings in the World Database of Happiness	
Appendix 5	Related Subjects	

Cite as  
 Veenhoven, R.: Findings on WORK e:  
 PERFORMANCE (current)  
 World Database of Happiness, Correlational Findings  
 Internet: [worlddatabaseofhappiness.eur.nl](http://worlddatabaseofhappiness.eur.nl)  
 Erasmus University Rotterdam, 2009, Netherlands

## Study **WRIGH 2002**

*Reported in:* Wright, T.A.; Cropanzano R.;Denney, Ph.J.; Moline, G.L.  
When a Happy Worker is a Productive Worker: A Preliminary Examination of Three Models.  
Canadian Journal of Behavioural Science, 2002, Vol. 34,146 - 150. ISSN 0008 400X  
Page in Report: 148-149

*Population:* Public-sector managers, USA, 2002, followed 2 years

*Sample:* Non-probability chunk sample

*Non-Response:* 17

*N:* 59

## Measured Correlate

*Class:* Earlier work-performance, Code W6.1.1

*Measurement:* Rating by top-ranking administrative officer on 3 dimensions of work performance:  
- work facilitation  
- goal emphasis  
- team building  
Rated from 1(never) to 5(always)  
These 3 dimensions were summed to form a composite measure of performance.

Rated at T1 and T2 for the past year

*Measured Values:* T1: M= 3,3 SD=0,7 T2: 3,2 SD=0,6

*Error Estimates:* Cronbach alpha T1: .81, T2: .69

## Observed Relation with Happiness

*Measured Happiness*

*Statistics Elaboration/Remarks*

[A-BB/u/mq/v/3/e](#)  $r=+.37$  T1 happiness by T1 work performance  
 $p<.05$

[A-BB/u/mq/v/3/e](#)  $r=+.45$  T1 happiness by T2 work performance  
 $p<.01$

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

Beta=  
+.77  
p<.05

T1 happiness by T1-T2 CHANGE in performance.  
Beta controlled for:  
- T1 negative affectivity  
- T1 positive affectivity  
- T1 job satisfaction  
- T1 workperformance (this control indicates change)

Addition of T1 happiness in a hierarchical regression increases R2 from .15 to .31

Happiness predicts performance much better than job satisfaction.

## Study **WRIGH 1999/1**

*Reported in:* Wright, T.A.; Staw, B.M.  
Affect and Favorable Work Outcomes: Two Longitudinal Tests of the Happy-Productive Worker Thesis.  
Journal of Organizational Behavior, 1999, Vol. 20, 1-20. ISSN 0894 3796  
Page in Report: 8-11

*Population:* Social welfare department employees, USA, 199?, followed 4 years

*Sample:* Non-probability chunk sample

*Non-Response:* 35%

*N:* 81

## Measured Correlate

*Class:* Change in work-performance, Code W6.1.2

*Measurement:* Rating by department manager on 4 dimensions of work performance:  
- goal emphasis  
- work facilitation  
- support  
- team building  
Rated from 1(never) to 5 (always)  
These 4 dimensions were summed to form a composite measure of performance.

Rated at T2 and T3 for the past year and at T4 for the past 6 months.

*Measured Values:* T2: N=50 M= 3,6 SD = 0,6 T3: N=51 M= 3,4 SD = 0,6 T4: N=53 M= 3,5 SD = 0,6

*Error Estimates:* Cronbach alpha: T2: 0.76, T3: 0.81, T4: 0.81

## Observed Relation with Happiness

*Measured Happiness*

*Statistics Elaboration/Remarks*

[A-BB/u/mq/v/3/e](#)  $r=+.45$  T1 Happiness by T2 work performance (3 years lag)  
 $p<.01$

<u>A-BB/u/mq/v/3/e</u>	<u>r=+.39</u> <u>p&lt;.01</u>	T1 Happiness by T3 work performance (4 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.47</u> <u>p&lt;.001</u>	T1 Happiness by T4 work performance (4,5 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.33</u> <u>p&lt;.05</u>	T2 Happiness by T2 work performance
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.35</u> <u>p&lt;.05</u>	T2 Happiness by T3 work performance (1 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.48</u> <u>p&lt;.001</u>	T2 Happiness by T4 work performance (1,5 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.38</u> <u>p&lt;.01</u>	T1+2 happiness by T2 work performance (1,5 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.40</u> <u>p&lt;.01</u>	T1+2 happiness by T3 work performance (2 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.51</u> <u>p&lt;.001</u>	T1+2 happiness by T4 work performance (2,25 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.42</u> <u>p&lt;.01</u>	T1+2 happiness by T2+3 work performance (N= 51)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.52</u> <u>p&lt;.001</u>	T1+2 happiness by T3+4 work performance (N=53)
<u>A-BB/u/mq/v/3/e</u>	<u>Beta=</u> <u>+.49</u> <u>p&lt;.01</u>	Earlier happiness by later CHANGE in performance: T1+2 happiness by T3+4 performance controlled for T2 performance performance

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*Sample:* Non-probability chunk sample

*Non-Response:* 17

*N:* 59

## Measured Correlate

*Class:* Change in work-performance, Code W6.1.2

*Measurement:* Rating by top-ranking administrative officer on 3 dimensions of work performance:  
- work facilitation  
- goal emphasis  
- team building  
Rated from 1(never) to 5(always)  
These 3 dimensions were summed to form a composite measure of performance.

Rated at T1 and T2 for the past year

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<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.45</math></u> <u><math>p&lt;.01</math></u>	T1 happiness by T2 work performance

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

Beta=  
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p<.05

T1 happiness by T1-T2 CHANGE in performance.  
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Mental Health and Work Performance: Results of a Longitudinal Field Study.  
Journal of Occupational and Organizational Psychology, 1993, Vol. 66, 277 - 284.  
ISSN 0963 1793  
Page in Report: 279

*Population:* Human services personel; USA; followed for 2 years

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 33

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by head of department of performance in the last year at T3.

3 dimensions of work performance were measured using a 5 point scale ranging from never to always:

- goal emphasis
- work facilitation
- team building

These 3 dimensions were summed to form a composite measure of performance.

*Measured Values:* M = 10.21 SD = 2,50

*Error Estimates:* Cronbach alpha = .86

## Observed Relation with Happiness

*Measured Happiness*

*Statistics Elaboration/Remarks*

[A-BB/u/mq/v/3/e](#)

r=+.23 T1 happiness by T3 performance (2 years lag)  
ns



<u>A-BB/u/mq/v/3/e</u>	<u>r=+.48</u> <u>p&lt;.01</u>	T2 happiness by T3 performance (1 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.38</u> <u>p&lt;.05</u>	T1 + T2 happiness by T3 performance

## Study **WRIGH 1993**

*Reported in:* Wright, T.A.; Bonnett, D.G.; Sweeney, D.A.  
Mental Health and Work Performance: Results of a Longitudinal Field Study.  
Journal of Occupational and Organizational Psychology, 1993, Vol. 66, 277 - 284.  
ISSN 0963 1793  
Page in Report: 280

*Population:* Human services personel; USA; followed for 2 years

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 33

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by head of department of performance in the last year at T3.  
Goal emphasis was measured using a 5 point scale ranging from never to always.

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/u/mq/v/3/e</a>	$r=+.22$ <u>ns</u>	T1 happiness by T3 performance (2 years lag)
<a href="#">A-BB/u/mq/v/3/e</a>	$r=+.38$ <u>p&lt;.05</u>	T2 happiness by T3 performance (1 year lag)
<a href="#">A-BB/u/mq/v/3/e</a>	$r=+.33$ <u>p&lt;.05</u>	T1+T2 happiness by T3 performance

## Study **WRIGH 1993**

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*Population:* Human services personel; USA; followed for 2 years

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 33

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by head of department of performance in the last year at T3.  
Work facilitation was measured using a 5 point scale ranging from never to always.

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.16</math></u> <u>ns</u>	T1 happiness by T3 performance (2 years lag)
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.47</math></u> <u><math>p&lt;.01</math></u>	T2 happiness by T3 performance (1 year lag)
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.34</math></u> <u><math>p&lt;.05</math></u>	T1+T2 happiness by T3 performance

## Study **WRIGH 1993**

*Reported in:* Wright, T.A.; Bonnett, D.G.; Sweeney, D.A.  
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ISSN 0963 1793  
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*Population:* Human services personel; USA; followed for 2 years

*Sample:* Non-probability chunk sample

*Non-Response:*

*N:* 33

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by head of department of performance in the last year at T3.  
Team building was measured using a 5 point scale ranging from never to always.

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/u/mq/v/3/e</a>	$r=+.24$ <u>ns</u>	T1 happiness by T3 performance (2 years lag)
<a href="#">A-BB/u/mq/v/3/e</a>	$r=+.42$ <u>p&lt;.01</u>	T2 happiness by T3 performance (1 year lag)
<a href="#">A-BB/u/mq/v/3/e</a>	$r=+.36$ <u>p&lt;.05</u>	T1+T2 happiness by T3 performance

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**Study**                      **WRIGH 1997**

*Reported in:* Wright, T. A.; Bonett, D.G.  
 The Role of Pleasantness and Activation-Based Well-Being in Performance Prediction.  
 Journal of Occupational Health Psychology, 1997, Vol. 2, 212 - 219. ISSN 1076 8998  
 Page in Report: 214/5

*Population:* Criminal justice staff personnel; USA; followed 2 years

*Sample:* Non-probability chunk sample

*Non-Response:* 18

*N:* 76

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**Measured Correlate**

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating of performance over last 6 months by manager. 4 dimensions of work performance were measured using a 5 point scale ranging from never to always:

- Goal emphasis
- Work facilitation
- Support
- Team building

These 3 dimensions were summed to form a composite measure of performance.

*Measured Values:* N= 62 M = 3,4 SD = 0.7

*Error Estimates:* Cronbach alpha : .80

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**Observed Relation with Happiness**

*Measured Happiness*

*Statistics    Elaboration/Remarks*

[A-BB/u/mq/v/3/e](#)      [r=+.48](#)      T1 happiness by T3 work performance(2 years lag)  
[p<.001](#)

[A-BB/u/mq/v/3/e](#)      [r=+.40](#)      T2 happiness by T3 work performance (1 year lag)  
[p<.001](#)

A-BB/u/mq/v/3/e      r=+.48      T1+T2 happiness by T3 work performance  
p<.0001

A-BB/u/mq/v/3/e      B=+      B controlled for:  
p<.05      - T3 activation based well-being  
                 - T3 activation-based well-being squared squared  
                 Activation based well=being measured with  
                 Maslach's nine-item 'Emotional Exhaustion scale'

## Study **WRIGH 1997**

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The Role of Pleasantness and Activation-Based Well-Being in Performance Prediction.  
Journal of Occupational Health Psychology, 1997, Vol. 2, 212 - 219. ISSN 1076 8998  
Page in Report: 214

*Population:* Criminal justice staff personnel; USA; followed 2 years

*Sample:* Non-probability chunk sample

*Non-Response:* 18

*N:* 76

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating of performance over last 6 months by manager using the question: 'To what extent does this employee develop and maintain high performance goals?'  
Answer rated on a 5 point scale ranging from never to always.

*Measured Values:* M= 3,5 SD = 0,7

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.38</math></u> <u><math>p&lt;.01</math></u>	T1 happiness by T3 work performance(2 years lag)
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.37</math></u> <u><math>p&lt;.01</math></u>	T2 happiness by T3 work performance(1 year lag)
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.40</math></u> <u><math>p&lt;.01</math></u>	T1+T2 happiness by T3 work performance

**Study**      **WRIGH 1997**

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 The Role of Pleasantness and Activation-Based Well-Being in Performance Prediction.  
 Journal of Occupational Health Psychology, 1997, Vol. 2, 212 - 219. ISSN 1076 8998  
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*Population:* Criminal justice staff personnel; USA; followed 2 years

*Sample:* Non-probability chunk sample

*Non-Response:* 18

*N:* 76

**Measured Correlate**

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating of performance over last 6 months by manager using the question: to what extend does this employee offer useful ideas for solving technical/administrative problems? Answer rated on a a 5 point scale ranging from never to always.

*Measured Values:* M= 3,4 SD = 1,0

**Observed Relation with Happiness**

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#"><u>A-BB/u/mq/v/3/e</u></a>	<u>r=+.45</u> <u>p&lt;.001</u>	T1 happiness by T3 work performance(2 years lag)
<a href="#"><u>A-BB/u/mq/v/3/e</u></a>	<u>r=+.35</u> <u>p&lt;.01</u>	T2 happiness by T3 work performance(1 year lag)
<a href="#"><u>A-BB/u/mq/v/3/e</u></a>	<u>r=+.44</u> <u>ns</u>	T1+T2 happiness by T3 work performance



## Study **WRIGH 1997**

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The Role of Pleasantness and Activation-Based Well-Being in Performance Prediction.  
Journal of Occupational Health Psychology, 1997, Vol. 2, 212 - 219. ISSN 1076 8998  
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*Population:* Criminal justice staff personnel; USA; followed 2 years

*Sample:* Non-probability chunk sample

*Non-Response:* 18

*N:* 76

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating of performance over last 6 months by manager using the question: 'To what extent does this employee pay attention to what you are saying when talking to them? Answer rated on a 5 point scale ranging from never to always.'

*Measured Values:* M = 3,8 SD = 0,8

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/u/mq/v/3/e</a>	<u>r=+.19</u> <u>ns</u>	T1 happiness by T3 work performance(2 years lag)
<a href="#">A-BB/u/mq/v/3/e</a>	<u>r=+.23</u> <u>ns</u>	T2 happiness by T3 work performance(1 year lag)
<a href="#">A-BB/u/mq/v/3/e</a>	<u>r=+.21</u> <u>ns</u>	T1+T2 happiness by T3 work performance

## Study **WRIGH 1997**

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*Population:* Criminal justice staff personnel; USA; followed 2 years

*Sample:* Non-probability chunk sample

*Non-Response:* 18

*N:* 76

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating of performance over last 6 months by manager using the question: To what extent does this employee work harmoniously with his/her co-worker(s) as a team to achieve group/ organizational goals and purposes? Answer rated on a 5 point scale ranging from never to always.

*Measured Values:* M = 3,2 SD = 0,8

## Observed Relation with Happiness

*Measured Happiness*

*Statistics Elaboration/Remarks*

[A-BB/u/mq/v/3/e](#)  $r=+.52$  T1 happiness by T3 work performance(2 years lag)  
 $p<.0001$

[A-BB/u/mq/v/3/e](#)  $r=+.35$  T2 happiness by T3 work performance(1 year lag)  
 $p<.01$

[A-BB/u/mq/v/3/e](#)  $r=+.47$  T1+T2 happiness by T3 work performance  
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- support  
- team building  
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Rated at T2 and T3 for the past year and at T4 for the past 6 months.

*Measured Values:* T2: N=50 M= 3,6 SD = 0,6 T3: N=51 M= 3,4 SD = 0,6 T4: N=53 M= 3,5 SD = 0,6

*Error Estimates:* Cronbach alpha: T2: 0.76, T3: 0.81, T4: 0.81

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*Measured Happiness*

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[A-BB/u/mq/v/3/e](#) r=+.45 T1 Happiness by T2 work performance (3 years lag)  
p<.01

<u>A-BB/u/mq/v/3/e</u>	<u>r=+.39</u> <u>p&lt;.01</u>	T1 Happiness by T3 work performance (4 years lag)
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<u>A-BB/u/mq/v/3/e</u>	<u>r=+.51</u> <u>p&lt;.001</u>	T1+2 happiness by T4 work performance (2,25 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.42</u> <u>p&lt;.01</u>	T1+2 happiness by T2+3 work performance (N= 51)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.52</u> <u>p&lt;.001</u>	T1+2 happiness by T3+4 work performance (N=53)
<u>A-BB/u/mq/v/3/e</u>	<u>Beta=</u> <u>+.49</u> <u>p&lt;.01</u>	Earlier happiness by later CHANGE in performance: T1+2 happiness by T3+4 performance controlled for T2 performance performance

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<u><a href="#">A-BB/u/mq/v/3/e</a></u>	<u><math>r=+.35</math></u> <u><math>p&lt;.01</math></u>	T1+T2 Happiness by T2 support (1,5 year lag)
<u><a href="#">A-BB/u/mq/v/3/e</a></u>	<u><math>r=+.30</math></u> <u><math>p&lt;.05</math></u>	T1+T2 happiness by T3 support (2 years lag)
<u><a href="#">A-BB/u/mq/v/3/e</a></u>	<u><math>r=+.28</math></u> <u><math>p&lt;.05</math></u>	T1+T2 happiness by T4 support (2,25 years lag)

## Study **WRIGH 1999/1**

*Reported in:* Wright, T.A.; Staw, B.M.  
Affect and Favorable Work Outcomes: Two Longitudinal Tests of the Happy-Productive Worker Thesis.  
Journal of Organizational Behavior, 1999, Vol. 20, 1-20. ISSN 0894 3796  
Page in Report: 9

*Population:* Social welfare department employees, USA, 199?, followed 4 years

*Sample:* Non-probability chunk sample

*Non-Response:* 35%

*N:* 81

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by department manager using the question: 'to what extent does this employee develop and maintain high performance goals?'  
Answer rated on a 5 point scale ranging from never to always.

Rated at T2 and T3 for the past year and at T4 for the past 6 months.

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u><a href="#">A-BB/u/mq/v/3/e</a></u>	<u><math>r=+.41</math></u> <u><math>p&lt;.05</math></u>	T1+T2 happiness by T2 goal emphasis (1,5 year lag)
<u><a href="#">A-BB/u/mq/v/3/e</a></u>	<u><math>r=+.28</math></u> <u><math>p&lt;.05</math></u>	T1+T2 happiness by T3 goal emphasis (2 years lag)
<u><a href="#">A-BB/u/mq/v/3/e</a></u>	<u><math>r=+.47</math></u> <u><math>p&lt;.001</math></u>	T1+T2 happiness by T4 goal emphasis (2,25 years lag)

## Study **WRIGH 1999/1**

*Reported in:* Wright, T.A.; Staw, B.M.  
Affect and Favorable Work Outcomes: Two Longitudinal Tests of the Happy-Productive Worker Thesis.  
Journal of Organizational Behavior, 1999, Vol. 20, 1-20. ISSN 0894 3796  
Page in Report: 9

*Population:* Social welfare department employees, USA, 199?, followed 4 years

*Sample:* Non-probability chunk sample

*Non-Response:* 35%

*N:* 81

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by department manager using the question: To what extent does this employee work harmoniously with his/her co-worker(s) as a team to achieve group/ organizational goals and purposes?  
Answer rated on a 5 point scale ranging from never to always.  
Rated at T2 and T3 for the past year and at T4 for the past 6 months.

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.17</u> <u>ns</u>	T1+T2 happiness by T2 team building (1,5 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.32</u> <u>p&lt;.05</u>	T1+T2 happiness by T3 team building (2 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.46</u> <u>p&lt;.001</u>	T1+T2 happiness by T4 team building (2,25 years lag)

## Study **WRIGH 1999/1**

*Reported in:* Wright, T.A.; Staw, B.M.  
Affect and Favorable Work Outcomes: Two Longitudinal Tests of the Happy-Productive Worker Thesis.  
Journal of Organizational Behavior, 1999, Vol. 20, 1-20. ISSN 0894 3796  
Page in Report: 9

*Population:* Social welfare department employees, USA, 199?, followed 4 years

*Sample:* Non-probability chunk sample

*Non-Response:* 35%

*N:* 81

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by department manager using the question: to what extent does this employee offer useful ideas for solving technical/administrative problems? Answer rated on a a 5 point scale ranging from never to always.

Rated at T2 and T3 for the past year and at T4 for the past 6 months.

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.24</u> <u>p&lt;.05</u>	T1+T2 happiness by T2 work facilitation (1,5 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.36</u> <u>ns</u>	T1+T2 happiness by T3 work facilitation (2 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.42</u> <u>p&lt;.001</u>	T1+T2 happiness by T4 work facilitation (2,25 years lag)





## Study **WRIGH 1999/1**

*Reported in:* Wright, T.A.; Staw, B.M.  
Affect and Favorable Work Outcomes: Two Longitudinal Tests of the Happy-Productive Worker Thesis.  
Journal of Organizational Behavior, 1999, Vol. 20, 1-20. ISSN 0894 3796  
Page in Report: 8,9

*Population:* Social welfare department employees, USA, 199?, followed 4 years

*Sample:* Non-probability chunk sample

*Non-Response:* 35%

*N:* 81

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by department manager using the 'question: 'Overall, how would you rate this employee's performance at this time?'  
Answer rated on a 5 point scale ranging from poor to excellent.

Rated at T2 and T3 for the past year and at T4 for the past 6 months

*Measured Values:* T2: N=52 M= 3,9 SD = 0,6 T3: N=51 M= 4,0 SD = 0,7 T4: N=53 M= 4,1 SD = 0,8

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.36</math></u> <u><math>p&lt;.01</math></u>	T1 happiness by T2 performance (3 years lag)
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.25</math></u> <u>ns</u>	T1 happiness by T3 performance (4 years lag)
<a href="#">A-BB/u/mq/v/3/e</a>	<u><math>r=+.37</math></u> <u><math>p&lt;.01</math></u>	T1 happiness by T4 performance (4,5 years lag)

<u>A-BB/u/mq/v/3/e</u>	<u>r=+.32</u> <u>p&lt;.05</u>	T2 happiness by T2 performance
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.32</u> <u>p&lt;.05</u>	T2 happiness by T3 performance (3 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.37</u> <u>p&lt;.01</u>	T2 happiness by T4 performance (1,5 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.33</u> <u>p&lt;.01</u>	T1+T2 happiness by T2 performance (1,5 year lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.29</u> <u>p&lt;.05</u>	T1+T2 happiness by T3 performance (2 years lag)
<u>A-BB/u/mq/v/3/e</u>	<u>r=+.38</u> <u>ns</u>	T1+T2 happiness by T4 performance (2,5 years lag)

## Study **WRIGH 2004/1**

*Reported in:* Wright, T.A.; Cropanzano, R.; Meyer, D.G.  
 State and Trait Correlates of Job Performance: A Tale of Two Perspectives.  
 Journal of Business and Psychology, 2004, Vol. 18, 365 - 383. ISSN 0889 3268  
 DOI:10.1023/B:JOBU.0000016708.22925.72  
 Page in Report: 372-373

*Population:* Public sector supervisory personel; USA; 2004?

*Sample:* Non-probability chunk sample

*Non-Response:* 0

*N:* 45

## Measured Correlate

*Class:* Later work-performance, Code W6.1.4

*Measurement:* Rating by supervisor:  
 Overall, how would you rate this employee's performance  
 over the past year. Answer rated from 1(poor) to  
 5(excellent)

*Measured Values:* M=3,9 SD=0,6

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u><a href="#">A-BB/u/mq/v/3/e</a></u>	<u><math>r=+.37</math></u> <u><math>p&lt;.01</math></u>	Happiness by job performance
<u><a href="#">A-BB/u/mq/v/3/e</a></u>	<u>Beta=</u> <u><math>+.20</math></u> <u><math>p&lt;.01</math></u>	Beta controlled for: -positive mood of that day -negative mood of that day  Addition of happiness in a hierarchical regression increases R2 from .08 to .21 Happiness predicts performance much better than mood of the day.

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## Study **WRIGH 2004/2**

*Reported in:* Wright, T.A.; Cropanzano, R.; Meyer, D.G.  
 State and Trait Correlates of Job Performance: A Tale of Two Perspectives.  
 Journal of Business and Psychology, 2004, Vol.18. ISSN 0889 3269 DOI:10.1023/B:  
 JOBU.0000016708.22925.72  
 Page in Report: 376-378

*Population:* Social welfare counselors, USA, 2003?

*Sample:* Non-probability chunk sample

*Non-Response:* 33

*N:* 48

---

## Measured Correlate

*Class:* Current work-performance, Code W6.2

*Measurement:* Rating by senior level management  
 3 items regarding the present time were summed to form a  
 composite measure of performance.  
 - goal emphasis  
 - work facilitation  
 - global rating of performance  
 Rated 1(never) to 5 (always)

*Measured Values:* M= 3,6 SD = 0,6

*Error Estimates:* Cronbach alpha: .85

---

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-BB/u/mq/v/3/e</a>	<u>r=+.40</u> <u>p&lt;.01</u>	

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

Beta=

+.17

p<.05

Beta controlled for:

- positive mood today

- negative mood today

Addition of happiness in a hierarchical regression increases R2 from .24 to .31 when entered after mood of the day. While entering mood of the day after happiness R2 increases from .21 to .31

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

rpc=

+.33

p<.05

rpc controlled for:

- positive today

- negative mood today

## Study **ADLE 1981**

*Reported in:* Adler S.; Golan J.  
 Lateness as a Withdrawal Behaviour.  
 Journal of Applied Psychology, 1981, Vol. 66, 544 - 554  
 Page in Report: 551

*Population:* Female telephone operators, working in metropolitan offices, Israel, 1977-78

*Sample:*

*Non-Response:*

*N:* 131

## Measured Correlate

*Class:* . absenteeism at work, Code W6.2.1.1

*Measurement:* Monthly attendance records, kept by the company, for each employee for the 12 months of 1978.  
 Attendance between T1 and T2 (1978)  
 Happiness assessed at T1 (december 1977);

1. Lateness: sumscore of:
  - a. Number of days late.
  - b. Average minutes late per month.  
 'Late' is defined as arriving more than 7 minutes after start of scheduled shift.
2. Time late
3. Unexcused absence  
 The number of days absent without a medical excuse.
4. Medical absence  
 The number of days the employee was absent with a certified medical excuse.
5. Total absence  
 The total number of scheduled work days (excluding vacations or holidays) that the employee did not appear.

Remarks:

---

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>M-AO/u/sq/f/7/a</u>	<u>r=-.06 ns</u>	T1 happiness by T1 to T2 absence (12 months) The correlations between T1 happiness and absence in the last half year of 1978 (6 months) are identical.
<u>M-AO/u/sq/f/7/a</u>	<u>r=-.07 ns</u>	
<u>M-AO/u/sq/f/7/a</u>	<u>r=+.03 ns</u>	
<u>M-AO/u/sq/f/7/a</u>	<u>r=+.07 ns</u>	
<u>M-AO/u/sq/f/7/a</u>	<u>r=+.07 ns</u>	



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## Study VENTE 1995

*Reported in:* Ventegodt, S.  
 Livskvalitet i Danmark. (Quality of Life in Denmark).  
 Forskningscentrets Forlag (The Quality of Life Research Center), København,  
 Denmark, ISBN 8790190017 <http://www.livskvalitet.org/t1/index.asp>  
 Page in Report: 200

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

*Sample:* Non-probability purposive sample

*Non-Response:* 39%

*N:* 1494

---

## Measured Correlate

*Class:* . absenteeism at work, Code W6.2.1.1

*Measurement:* Single question:  
 "How many workdays did you call sick last year ?"  
 number of days:  
 1: 0-3  
 2: 4-10  
 3: 11-30  
 4: 31-100  
 5: 101-300  
 6: 301-365

*Measured Values:* N: 1:803, 2:320, 3:157, 4:36, 5:10, 6:11

*Remarks:* employed Ss only

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## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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A-AOL/m/sq/v/5/a      r=-.23      1: Mt=8.14  
                                  p<.00      2: Mt=7.61  
                                                     3: Mt=7.34  
                                                     4: Mt=6.74  
                                                     5: Mt=5.75  
                                                     6: Mt=5.23  
                                  All Mt=7.84

O-SLu/c/sq/v/5/e      r=-.20      1: Mt=7.73  
                                  p<.00      2: Mt=7.20  
                                                     3: Mt=7.11  
                                                     4: Mt=6.46  
                                                     5: Mt=5.50  
                                                     6: Mt=4.48  
                                  All Mt=7.45

O-HL/c/sq/v/5/h      r=-.16      1: Mt=7.20  
                                  p<.00      2: Mt=6.78  
                                                     3: Mt=6.75  
                                                     4: Mt=6.39  
                                                     5: Mt=5.50  
                                                     6: Mt=5.00  
                                  All Mt=6.99

---

## Study **VEROF 1962**

*Reported in:* Veroff, J.,;Feld, S; Gurin, G.  
 Dimensions of Subjective Adjustment.  
 Journal of Abnormal and Social Psychology, 1962, Vol. 64, 192 - 205  
 Page in Report: 196

*Population:* 21+ aged, married, with children, USA, 1957

*Sample:*

*Non-Response:* -

*N:* 797

---

## Measured Correlate

*Class:* Self-perceived work-performance, Code W6.2.2

*Measurement:* Closed question: not very good / average / little better than average / very good.

---

## Observed Relation with Happiness

*Measured  
 Happiness*

*Statistics Elaboration/Remarks*

[O-HL/u/sq/v/3/a](#)

[tb=-.09](#) Computed for males only.  
[p<.05](#)

## Study **BENNE 1970**

*Reported in:* Bennett, F.A.  
 Avowed Happiness in Communities of Religious Women.  
 Unpublished PhD Dissertation, University of Utah, 1970, USA  
 Page in Report: 41

*Population:* Nuns, Catholic congregations, USA, 1969

*Sample:*

*Non-Response:* 11,5%

*N:* 963

## Measured Correlate

*Class:* Self-perceived work-performance, Code W6.2.2

*Measurement:* Single direct question: "How well do you feel you are prepared for your present work by education or natural talent?". Very well prepared, sufficiently well prepared and not too well prepared.

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<u>O-HL/c/sq/v/3/f</u>	<u>r=+.10</u> <u>ns</u>	

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**Study**                    **LEVY 1975/2**

*Reported in:* Levy, S.; Guttman, L.  
 On the Multivariate Structure of Well-Being.  
 Social Indicators Research, 1975, Vol. 2, 361 - 388. ISSN 0303 8300. DOI:10.1007/  
 BF00293253  
 Page in Report: 373

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

*Sample:*

*Non-Response:* -

*N:* 1830

---

**Measured Correlate**

*Class:* Self-perceived work-performance, Code W6.2.2

*Measurement:* Direct closed question

---

**Observed Relation with Happiness**

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
<a href="#">A-AOL/c/sq/v/4/b</a>	<u>mc=+.31</u>	
<a href="#">O-HL/c/sq/?/6/a</a>	<u>mc=+.29</u>	

---

**Study**                    **BRADB 1969**

*Reported in:* Bradburn, N.M.  
The Structure of Psychological Well-Being.  
Aldine Publishing, 1969, Chicago, USA  
Page in Report: 207

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

*Sample:*

*Non-Response:* ± 20%, Attrition ± 30%

*N:* 2787

---

**Measured Correlate**

*Class:* Self-perceived work-performance, Code W6.2.2

*Measurement:* 2 item index:  
- feeling one is not doing as good a  
  job as one would like to (ever/never)  
- frequency of such feeling (often/  
  only once or twice)

---

**Observed Relation with Happiness**

*Measured  
Happiness*

*Statistics*    *Elaboration/Remarks*

[A-BB/cm/mq/v/2/a](#)

[DMr=-](#)

Data T1. Results T3 similar.  
Computed for chief wage earners only.

Not computed for full ABS, but for positive and  
negative affect separately.

- Unrelated to positive affect.  
- Strongly related to negative affect, in  
  particular among males.

Affect level expressed in average ridents.  
Ridit analysis compares distribution in category  
with distribution in total sample. RT above .50  
means relative high level, RT below .50 relative  
low level.



## Study LAM 1998

*Reported in:* Lam, C.L.; Gandek, B.; Ren, X.S.; et al.  
 Tests of Scaling Assumptions and Construct Validity of the Chinese (HK) Version of the SF - 36 Health Survey.  
 Journal of Clinical Epidemiology, 1998, Vol. 51, 1139 - 1147. ISSN 0895 4356.  
 DOI:10.1016/S0895-4356(98)00105-X  
 Page in Report: 1142-1145

*Population:* 14+aged patients and students, Hong Kong 1996

*Sample:* Probability stratified sample

*Non-Response:* 0%

*N:* 236

## Measured Correlate

*Class:* Actual work-performance, Code W6.2.1

*Measurement:* Selfreport on 4 questions on work related activities in last month.

- a. Accomplished less
- b. Cut down time on work
- c. Limited in kind of work
- d. Difficulty performing work

RP Subscale of SF-36 Health Survey (Ware et al. 1993)

*Measured Values:* M=57,97 SD=39,54 (transformed score on range 1-100)

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<a href="#">M-TH/cm/sq/v/6/a</a>	<a href="#">r=+.01</a>	
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## Study **LAM 1998**

*Reported in:* Lam, C.L.; Gandek, B.; Ren, X.S.; et al.  
 Tests of Scaling Assumptions and Construct Validity of the Chinese (HK) Version of the SF - 36 Health Survey.  
 Journal of Clinical Epidemiology, 1998, Vol. 51, 1139 - 1147. ISSN 0895 4356.  
 DOI:10.1016/S0895-4356(98)00105-X  
 Page in Report: 1142-1145

*Population:* 14+aged patients and students, Hong Kong 1996

*Sample:* Probability stratified sample

*Non-Response:* 0%

*N:* 236

## Measured Correlate

*Class:* Actual work-performance, Code W6.2.1

*Measurement:* Selfreport on 3 questions on work performance during the last month.  
 a. Accomplish less  
 b. Cut down amount of time of work  
 c. Didn't do work as carefully  
 RE Subscale of SF-36 Health Survey (Ware et al. 1993)

*Measured Values:* M=52,79 SD=40,75 (transformed score on range 0-100)

## Observed Relation with Happiness

<i>Measured Happiness</i>	<i>Statistics</i>	<i>Elaboration/Remarks</i>
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<u>M-TH/cm/sq/v/6/a</u>	<u>r=+.16</u>	
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## Appendix 1: Happiness Items used

<i>Happiness Item Code</i>	<i>Full Text</i>
A-AOL/c/sq/v/4/b	<p>Selfreport on single closed question:</p> <p>"How is your mood these days....?"</p> <p>4 very good all the time 3 2 1 not good almost all the time</p>
A-AOL/m/sq/v/5/a	<p>Single direct question:</p> <p>How are you feeling now....?</p> <p>5 very good 4 good 3 neither good nor poor 2 poor 1 very poor</p>
A-BB/cm/mq/v/2/a	<p>Selfreport on 10 questions:</p> <p>During the past few weeks, did you ever feel ....? (yes/no)</p> <p>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?</p> <p>Answer options and scoring: yes = 1 no = 0</p> <p>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</p> <p>Name: Bradburn's 'Affect Balance Scale' (standard version)</p>

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

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 On top of the world

B Very lonely or remote from other people

C Particularly excited or interested in something

D Pleased about having accomplished something

E Bored

F Depressed or very unhappy

G So restless that you could not sit long in a chair

H Vaguely uneasy about something without knowing why

Reponse options:

0 never

1 sometimes

3 often

Scoring:

PA = A+C+D (range 0-9)

NA = B+E+F+G+H (range 0-15)

ABS = PA-NA (range 1-7)

Name: Index of Psychological Wellbeing

M-AO/u/sq/f/7/a

Selfreport on single question:

Which (of the faces) best described how you feel about your life as a whole?

7 completely happy

6

5

4 neither happy nor unhappy

3

2

1 completely unhappy

M-TH/cm/sq/v/6/a

Selfreport on single question:

During the past 4 weeks..... Have you been a happy person?

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

Item MH5 in SF-36 (Medical Outcome Study 36 item Short Form)

O-HL/c/sq/?/6/a

Selfreport on single question:

"Generally speaking, are you happy these days.....?"

6 very happy

5

4

3

2

1 very unhappy

(Response options not fully reported)

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

Selfreport on single question:

Considering everything that has happened to you recently, how would you say things are with you - would you say you are.....?

3 very happy

2 pretty happy

1 not too happy

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

Selfreport on single question

'How happy are you now?'

5 very happy

4 happy

3 neither happy nor unhappy

2 unhappy

1 very unhappy

Original text in Danish:

'Hvor lykkelig er du for tiden?'

5 meget lykkelig

4 lykkelig

3 hverken eller

2 ullykkelig

1 meget ullykkelig

O-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-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

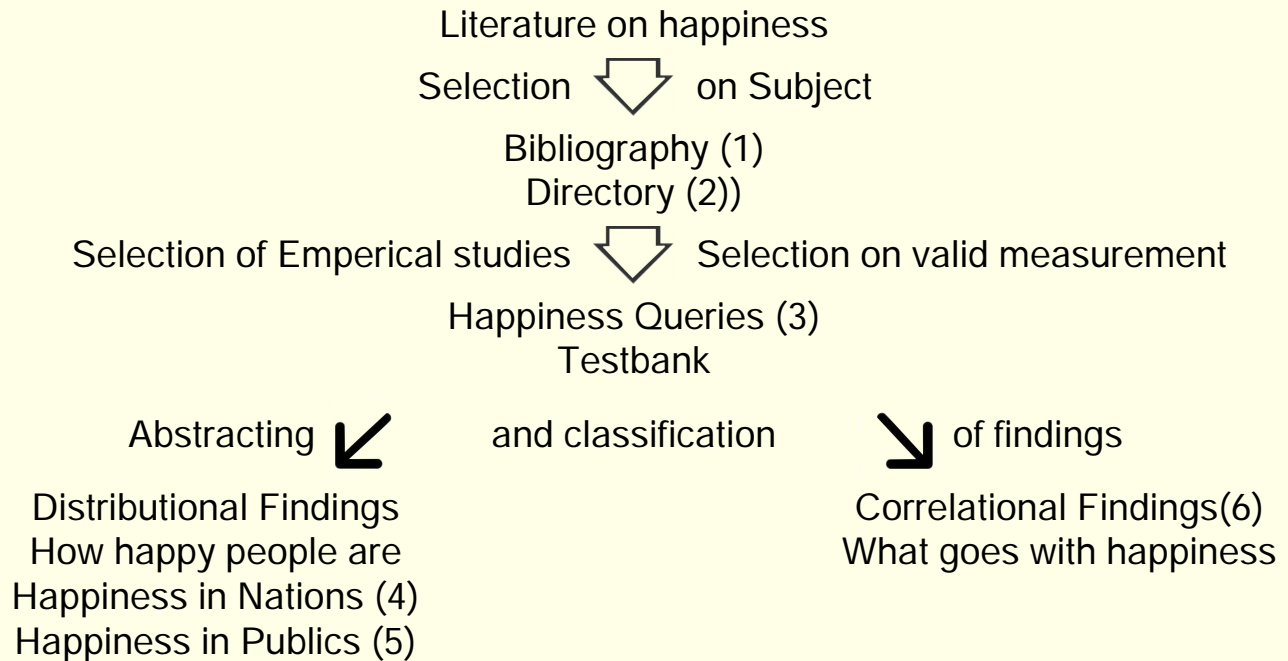
## Appendix 2: Statistics used

<i>Symbol</i>	<i>Explanation</i>
B	<p>REGRESSION COEFFICIENT (non-standardized)</p> <p>Type: test statistic</p> <p>Measurement level: Correlate: metric, Happiness: metric</p> <p>Theoretical range: unlimited</p> <p>Meaning:</p> <p><math>B &gt; 0</math> A higher correlate level corresponds with, on an average, higher happiness rating.</p> <p><math>B &lt; 0</math> A higher correlate level corresponds with, on an average, lower happiness rating.</p> <p><math>B = 0</math> Not any correlation with the relevant correlate.</p>
Beta	<p>(<math>\beta</math>) STANDARDIZED REGRESSION COEFFICIENT</p> <p>Type: test statistic.</p> <p>Measurement level: Correlates: all metric, Happiness: metric.</p> <p>Range: [-1 ; +1]</p> <p>Meaning:</p> <p><math>\beta &gt; 0</math> « a higher correlate level corresponds with, on an average, higher happiness rating.</p> <p><math>\beta &lt; 0</math> « a higher correlate level corresponds with, on an average, lower happiness rating.</p> <p><math>\beta = 0</math> « no correlation.</p> <p><math>\beta = + 1</math> or <math>-1</math> « perfect correlation.</p>
DMr	<p>DIFFERENCE IN MEAN RIDITS</p> <p>Type: test statistic</p> <p>Measurement level: Happiness ordinal</p> <p>Range: [0; +1]</p> <p>Meaning:</p> <p><math>Mr &lt; .50</math>: average happiness in this subgroup lower than in the larger population</p> <p><math>Mr = .50</math>: average happiness in this subgroup the same as in the larger population</p> <p><math>Mr &gt; .50</math>: average happiness in this subgroup higher than in the larger population</p> <p>'Ridit analysis' compares the distribution of happiness scores in subgroups to its distribution in the entire sample ("Relative to an Identified Distribution")</p> <p>Testing for significance can be performed through a "BROSS Confidence Interval" (BCI). If all values the BCI for a subgroup are above/below 0.500, the subgroup is significantly more/less happy than the larger population.</p>

- mc Guttman's monotonicity coefficient.  
Range: [-1, +1].  
Measurement level: Both correlate and happiness ordinal or interval  
Based on the multiplication of signed differences within one variable with the corresponding difference in the second variable and summation over all possible differences.  
Seldom used in happiness research. See excerpted report.
- r PRODUCT-MOMENT CORRELATION COEFFICIENT (Also "Pearson's correlation coefficient" or simply 'correlation coefficient')  
Type: test statistic.  
Measurement level: Correlate: metric, Happiness: metric  
Range: [-1; +1]  
  
Meaning:  
 $r = 0$  « no correlation ,  
 $r = 1$  « perfect correlation, where high correlate values correspond with high happiness values, and  
 $r = -1$  « perfect correlation, where high correlate values correspond with low happiness values.
- rpc PARTIAL CORRELATION COEFFICIENT  
Type: test statistic  
Measurement level: Correlate: metric, Happiness: metric  
Range: [-1; +1]  
  
Meaning: a partial correlation between happiness and one of the correlates is that correlation, which remains after accounting for the contribution of the other influences, or some of them, to the total variability in the happiness scores.  
Under that conditions  
 $rpc > 0$  « a higher correlate level corresponds with a higher happiness rating,  
 $rpc < 0$  « a higher correlate level corresponds with a lower happiness rating,
- tb 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.

## 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:



- 1 **BIBLIOGRAPHY OF HAPPINESS** Presents all contemporary scientific publications. Detailed subject-classification. Current contents: 4270 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 ITEMS (testbank)**. Presents all indicators that tap happiness as defined here. Current content: 522 measures, mostly single questions. Items 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: 2605 surveys in 112 nations, 1946-2004.



- 5 CATALOG OF HAPPINESS IN PUBLICS Distributional findings on happiness in special publics within nations, such as aged people. Current contents: 837 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: 9098 findings from 837 studies in 140 nations, 1911-2004.
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## Appendix 4 Further Findings in the World Database of Happiness

<i>Main Subjects</i>	<i>Subject Description</i>	<i>Number of Studies</i>
A1	ACTIVITY LEVEL (how much one does)	58
A2	ACTIVITY PATTERN (what one does)	32
A3	AFFECTIVE LIFE	47
A4	AGE	398
A5	AGGRESSION	12
A6	ANOMY	26
A7	APPEARANCE (good looks)	15
A8	ATTITUDES	6
A9	AUTHORITARIANISM	4
B1	BIRTH CONTROL	1
B2	BIRTH HISTORY (own birth)	201
B3	BODY	77
COMMUNITY	New Top Subject	0
C1	CHILDREN a	1
C2	CHILDREN b: WANT FOR (Parental aspirations)	6
C3	CHILDREN c: HAVING (parental status)	194
C4	CHILDREN d: CHARACTERISTICS	25
C5	CHILDREN e: RELATION WITH	8
C6	CHILDREN f: REARING (parental behavior)	26
C7	COMMUNAL LIVING	9
C8	CONCERNS	18
C9	COPING	43
C10	CREATIVENESS	5
C11	CULTURE (Arts and Sciences)	8
D1	DAILY JOYS & HASSLES	5

E1	EDUCATION	299
E2	EMPLOYMENT	364
E3	ETHNICITY	95
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	151
G1	GENDER	367
G2	GRIEF	1
HEALTH	New Top Subject	0
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS b: ATTITUDES TO	49
H4	HAPPINESS c: DISPERSION OF	10
H5	HAPPINESS: CAREER	191
H6	HAPPINESS e: CURRENT LEVEL	310
H7	HAPPINESS f: OF OTHERS	0
H8	HAPPINESS g: REPUTATION OF	19
H9	HEALTH-BEHAVIOR	23
H10	HELPING	5
H11	HOPE	7
H12	HOUSEHOLD: COMPOSITION	136
H13	HOUSEHOLD: WORK	32
H14	HOUSING	104
I1	INCOME	551
I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	69
I4	INTERESTS	8
I5	INTERVIEW	72
I6	INTIMACY	102
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	205
L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	85

L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	20
L10	LOCAL ENVIRONMENT	372
L11	LOTTERY	8
L12	LOVE-LIFE	31
M1	MARRIAGE b: MARITAL STATUS CAREER	65
M2	MARRIAGE c: Current Marital Status	541
M3	MARRIAGE: RELATIONSHIP	115
M4	MARRIAGE e: PARTNER	46
M5	MEANING	22
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	198
M8	MIGRATION b: OTHER COUNTRY	24
M9	MIGRATION c: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION d: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
NATURE	New Top Subject	0
N1	NATION: NATIONALITY	27
N2	NATION: ERA (temporal period)	41
N3	NATION d: NATIONAL CHARACTER (modal personality)	28
N4	NATION e: CONDITION OF	406
N5	NATION f: POSITION OF	1
N6	NATION g: ATTITUDES TO	150
N7	NATION h: LIVABILITY OF	17
N8	NATION i: ATTITUDES IN	1
N9	REGION IN NATION	56
N10	NUTRITION	21
N21	ERA	0
O1	OCCUPATION	177
O2	ORGAN TRANSPLANTATION	17
P1	PERSONALITY b: HISTORY	48
P2	PERSONALITY c: CHANGE	10
P3	PERSONALITY d: CURRENT ORGANIZATION	7
P4	PERSONALITY e: CURRENT TRAITS	459
P5	PERSONALITY f: LATER	23

P6	PHYSICAL HEALTH	427
P7	PLANNING	10
P8	POLITICAL BEHAVIOUR	231
P9	POPULARITY	24
P10	POSSESSIONS	59
P11	PRISON	1
P12	PROBLEMS	25
P13	PSYCHO-SOMATIC COMPLAINTS	62
P14	PETS	3
RECREATION	New Top Subject	0
R1	RELIGION	251
R2	RESOURCES	7
R3	RETIREMENT	89
R4	ROLES	23
S1	SCHOOL	128
S2	SELF-IMAGE	236
S3	SEX-LIFE	60
S4	SLEEP	16
S5	SOCIAL MOBILITY	17
S6	SOCIAL PARTICIPATION a: PERSONAL CONTACTS	68
S7	SOCIAL PARTICIPATION b: VOLUNTARY ASSOCIATIONS	129
S8	SOCIAL PARTICIPATION c: TOTAL (personal + associations)	33
S9	SOCIAL STATUS (Socio-Economic Status)	154
S10	SOCIAL SUPPORT a: RECEIVED	60
S11	SOCIAL SUPPORT b: PROVIDED	6
S12	SPORTS	38
S13	STIMULANTS	49
S14	SUICIDE	8
S15	SUMMED EFFECTS ON HAPPINESS	92
T1	TIME	51
T2	THERAPY	21
T3	TOLERANCE	37
V1	VALUES b: CAREER	8
V2	VALUES c: CURRENT PREFERENCES (own)	73
V3	VALUES d: CLIMATE (current values in environment)	7
V4	VALUES e: SIMILARITY (current fit with others)	12
V5	VICTIM	14
W1	WAR	5
W2	WISDOM	2

W3	WORK b: CAREER	2
W4	WORK c: CONDITIONS	68
W5	WORK d: ATTITUDES	347
W6	WORK e: PERFORMANCE (current)	28
W7	WORRIES	31
XX	UNCLASSIFIED	25

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## Appendix 5: Related Subjects

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<i>Subject</i>		<i>Related Subject(s)</i>
W6.2.1.1	. absenteeism at work	S1.2.1.2 . absenteeism
W6.2.2	Self-perceived work-performance	S2 SELF-IMAGE

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A report of the World Database of Happiness, Correlational Findings