World Database of Happiness

Correlational Findings on Happiness and CREATIVENESS
Subject Code: C10

© on data collection: Ruut Veenhoven,
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Classification of Findings

Subject Code	Description	Nr of Studies on this Subject
C10	CREATIVENESS	0
C10.1	Creativeness career	0
C10.1.1	Earlier creativeness	0
C10.1.2	Change in creativeness	0
C10.1.4	Later creativeness	0
C10.2	Current creativeness	0
C10.2.1	Test-creativeness	2
C10.2.2	Reputation of creativeness	1
C10.2.3	Self-perceived creativeness	3
C10.3	Attitudes to own creativeness	0
Appendix 1	Happiness Items used	
Appendix 2	Statistics used	
Appendix 3	About the World Database of Happiness	
Appendix 4	Further Findings in the World Database of Happiness	
Appendix 5	Related Subjects	

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Correlational finding on Happiness and Test-creativeness
Subject code: C10.2.1

Study	BRAY 1980
Reported in:	Bray, D.W.; Howard, A. Career Succes and Life-Satisfactions of Middle Aged Managers. Bond, L.A.;Rosen, J.C.;Eds.: "Competence and Coping during Adulthood", University Press of New England, 1980, London, UK, 258 - 287 ISBN: 0 8745 11 593 Page in Report: 285
Population:	40+ aged, male managers, Bell Telephone Company, 1978
Sample:	Non-probability purposive-quota sample
Non-Response:	panel loss a t T5: 37%
N:	422

Correlate

Authors label:	creativity (1)
Our classification:	Test-creativeness, code C10.2.1
Measurement:	Rating by 4 experts on the basis of multi-method assessments during stays in assessment-center. Rater instruction: "How likely is this person to solve a management problem in a novel way?" Assessed at T5.
Measured Values:	.

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
M-PL/c/rc/v/5/a	r=-.05 ns	T5 creativity by T5 happiness.

Correlational finding on Happiness and Test-creativeness
Subject code: C10.2.1

Study	NOELL 1980
Reported in:	Noelle-Neumann, E.
	Happiness and Games of Chance.
	Paper Institut für Demoskopie, 1980, Allensbach, Germany
	Page in Report: 10
Population:	Adult, general public, Germany,1979
Sample:	Sampling not reported
Non-Response:	not reported
N:	0

Correlate

Authors label:	producing associations (1)
Our classification:	Test-creativeness, code C10.2.1
Measurement:	Open question.Ss were asked about ideas they associate with a certain city, a certain profession or a certain political concept.

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
A-CA/mh/ri/v/2/b	D%=+	Cheerful looking Ss produce more associations in the interview

Correlational finding on Happiness and Reputation of creativeness
Subject code: C10.2.2

Study	WEBB 1915/1

Reported in:	Webb, E. Character and Intelligence. An Attempt at an Exact Study of Character. Cambridge University Press, 1915, London, UK Page in Report: 26
Population:	Male college students, England, 1912
Sample:	
Non-Response:	-
N:	194

Correlate

Authors label:	Originality of ideas (2)
Our classification:	Reputation of creativeness, code C10.2.2
Measurement:	Trained peer rating on a 7-point scale on the basis of observation during 6 months.

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
A-CP/g/rdp/ro/7/a	r=+.43	

Correlational finding on Happiness and Self-perceived creativeness
Subject code: C10.2.3

Study	KAMMA 1983/2
Reported in:	Kammann, R,; Flett, R. Sourcebook for Measuring Well-Being with Affectometer 2. Why Not? Foundation, 1983, Dunedin, New Zealand. Page in Report:
Population:	18+ aged, general public, Dunedin, New Zealand, 1983
Sample:	
Non-Response:	52%

N:	112

Correlate

Authors label:	Felt clear and creative (2)
Our classification:	Self-perceived creativeness, code C10.2.3
Measurement:	Single direct question how one felt during the instructed time period (or otherwise in the past few weeks): "I think clearly and creatively" Rated on a 5-point scale ranging from 'not at all' to 'all the time'

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
A-BK/cm/mq/v/5/a	r=+.33 p<.01	
M-FH/c/sq/v/7/a	r=+.20 p<.05	

Correlational finding on Happiness and Self-perceived creativeness
Subject code: C10.2.3

Study	LUDWI 1971
Reported in:	Ludwig, L.D. Elation-Depression and Skill as Determinants of Desire for Excitement. Unpublished doctoral Dissertation, 1971, University of Wisconsin, USA Page in Report: 64/207
Population:	Female students, undergraduates, University of Wisconsin, USA, 197?
Sample:	
Non-Response:	81%; 61% refusal, 5% eliminated on basis of screening data, 15% miscellaneous re
N:	72

Correlate

Authors label:	Self-perceived creativity and maturity. (3)
Our classification:	Self-perceived creativeness, code C10.2.3
Measurement:	2-item index of direct questions on creativity and personality maturity compared with others.

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
A-AOL/u/mq/v/10/a	AoV=+ ns	Ss answered these questions at the end of an experimental situation in which their self-esteem was experimentally altered. This was done by means of a false personality report dealing with the subject's creativity, maturity and other things. Self-perceived creativity: r = +.05 (ns) Self-perceived maturity : r = +.17 (ns) - For happy Ss self-perceived creativity and maturity is unaffected by bolstered self-esteem and decreased by reduced self-esteem. - For unhappy Ss it is increased by bolstered self-esteem and unaffected by reduced self-esteem.

Correlational finding on Happiness and Self-perceived creativeness
Subject code: C10.2.3

Study	**PAYNE 1974**
Reported in:	Payne, R.L. N.M. Bradburn's Measures of Psychological Well-Being: An Attempt at Replication. M.C.R. Social and Applied Psychology Unit, Department of Psychology University of Sheffield, 1974, UK Page in Report: 17
Population:	Employed males, supervising jobs, England, 197?
Sample:	

Non-Response:	4% incomplete.
N:	192

Correlate

Authors label:	Encountered new stimulating ideas. (2)
Our classification:	Self-perceived creativeness, code C10.2.3
Measurement:	`Closed question; during last few weeks.`

Observed Relation with Happiness

Happiness Measure	Statistics	Elaboration/Remarks
A-BB/cm/mq/v/5/a	G=	`Index of Positive Affects: G = +.22` `Index of Negative AFfects: G = +.08`

Appendix 1: Happiness Items used

Happiness Item Code	Full Text
A-AOL/u/mq/v/10/a	Selfreport on 4 questions: "The following are statements of feelings or mood. Please read them over and then indicate which of these overall feelings best describes your feelings." A) Right now you feel .... B) The best you felt today .... C) The worst you felt today ... D) The way you usually feel ... Response options: 10. Complete elations, rapturous joy, and soaring ecstasy. 9. Very elated and in very high spirits; tremendous delight and buoyancy. 8. Elated and in high spirits. 7. Feeling very good and cheerful. 6. Feeling pretty good, "OK". 5. Feeling a little bit low. Just so-so. 4. Spirits low and somewhat blue.

3. Depressed and feeling very low. Definitely blue.
2. Tremendously depressed. Feeling terrible, really miserable, "just awful".
1. Utter depression and gloom. Completely down. All is black and leaden. Wish it were all over.

Summation: average scores on A,B,C,D.

Name: Elation-Depression Scale (variant)

A-BB/cm/mq/v/5/a   Selfreport on 13 questions:

"During the past four weeks have you ever felt....?" (yes/no)

A Pleased about having accomplished something.
B Things going my way.
C Proud because someone complimented me on something I had done.
D Particularly excited or interested in something I had done.
E On top of the world.
F A deep sense of joy.
G Pleased because my life feels orderly and secure.
H Bored.
I Very lonely and remote from other people.
J Jealous of somebody.
K Angry with someone.
L Disappointed in myself..
M Unhappy about the small number of times I have pleasant feelings and experiences.

Answer options:
0 no
yes
If yes: How often did you feel so?
5 every day
4 several times a week
3 once a week
2 2 or 3 times a month
1 once a month

Summation:
- Positive Affect Score (PAS): Average A to G
- Negative Affect Score (NAS): Average H to M
- Affect Balance Score (AB): PAS minus NAS
Possible range: +42 tot -30

Name : Bradburn's "Affected Balance Scale' (modified version)

A-BK/cm/mq/v/5/a Selfreport on 40 questions:

"Over this time period (the last few weeks) I have had the feeling described by":
A My life is on the right track
B I seem to be left alone when I don't want to be
C I feel I can do whatever I want to
D I think clearly and creatively
E I feel like a failure
F Nothing seems very much fun any more
G I like myself
H I can't be bothered doing anything
I I feel close to people around me
J I feel as though the best years of my life are over
K My future looks good
L I have lost interest in other people and don't care about them
M I have energy to spare
N I smile and laugh a lot
O I wish I could change some parts of my life
P My thoughts go around in useless circles
Q I can handle any problems that come up
R My life seems stuck in a rut
S I feel loved and trusted
T I feel there must be something wrong with me

"Over this period (the last few weeks), "how often you felt..."
U Satisfied
V Lonely
W Free-and-easy
X Clear-headed
Y Helpless
Z Impatient
AA Useful
AB Depressed
AC Loving
AD Hopeless
AE Optimistic
AF Withdrawn
AG Enthusiastic
AH Good-natured
AI Discontented
AJ Confused
AK Confident
AL Tense
AM Understood
AN Insignificant

Answer options;
0 not at all
1 occasionally
2 some of the time

3 often
4 all the time

Summation:
- Positive Affect score (PAS): mean positive items
- Negative Affect Score (NAS): mean negative items
- Affect balance score (ABS): PAS minus NAS
Possible range: -4 to +4

A-CA/mh/ri/v/2/b   Interviewer-rating of cheerfulness:

Altogether the respondent looks.....
2 quite cheerfull
1 not too cheerful
- difficult to say

Part of the 8 item Allensbacher Ausdrücktest which also involves ratings of cheerful appearance in: look, mouth, posture, movements, eyes, elbows and lips. This general rating is the last item in the test.

A-CP/g/rdp/ro/7/a   Peer rating on single question (based on contact during 6 months):

Rater instruction: "personal qualities are named and briefly annotated in this schedule. If you have any doubt as to the meaning of any of them, please ask me (investigator)
2. In the columns under each subject's name, place one of the marks for each of the qualities specified (+3, +2, +1, 0, -1, -2, -3) To avoid errors, please put the + sign as well as the -

'General tendency to be 'cheerful' (as opposed to being depressed and low spirited)
+3 very high compared to average
+2 distinctly above average
+1 slightly above average
0 average
-1 slightly below average
-2 distinctly below average
-3 lowest as compared to average

M-FH/c/sq/v/7/a   Selfreport on single question:

"Taking all things together, how would you say you have been this period? Check the phrase that best describes how you have felt."
7 very happy
6 happy
5 somewhat happy
4 mixed (about equally happy and unhappy)
3 somewhat unhappy
2 unhappy
1 very unhappy

M-PL/c/rc/v/5/a   Clinical rating by 4 experts on the basis of multi-method assessments during periodical stays in assessment center.

Rater instruction:
"To what extend does this person find pleasure in life at the present time..........?"
1 low
2
3 average
4
5 high

Appendix 2: Statistics used

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)
D%	DIFFERENCE in PERCENTAGES Type: descriptive statistic only. Measurement level: Correlate level: dichotomous, but nominal or ordinal theoretically possible as well. Happiness level: dichotomous Range: [-100; +100] Meaning: the difference of the percentages happy people at two correlate levels.
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.

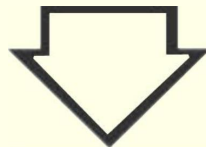# Appendix 3: About the World Database of Happiness

Structure of the collections

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

World literature on Happiness

Selection on subject

Bibliography   and   Directory

Selection of empirical studies   Selection on valid measurement: Item

Bank

Abstracting and classification of findings

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

What goes together with happiness
Correlational Findings

Listing of comparable findings in Nations

States of Nations , Trends in Nations

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

Appendix 4 Further Findings in the World Database of Happiness

Main Subjects	Subject Description	Number of Studies
A1	ACTIVITY: LEVEL (how much one does)	58
A2	ACTIVITY: PATTERN (what one does)	32
A3	AFFECTIVE LIFE	48
A4	AGE	400
A5	AGGRESSION	12
A6	ANOMY	32
A7	APPEARANCE (good looks)	15
A8	ATTITUDES	6
A9	AUTHORITARIANISM	4
B1	BIRTH CONTROL	1
B2	BIRTH HISTORY (own birth)	201
B3	BODY	77
C1	CHILDREN	1
C2	CHILDREN: WANT FOR (Parental aspirations)	6
C3	CHILDREN: HAVING (parental status)	195
C4	CHILDREN: CHARACTERISTICS OF ONE'S CHILDREN	25
C5	CHILDREN: RELATION WITH ONE'S CHILDREN	8
C6	CHILDREN: REARING OF ONE'S CHILDREN (parental behavior)	26
C7	COMMUNAL LIVING	9
C8	CONCERNS	18
C9	COPING	43
C10	CREATIVENESS	6
C11	CULTURE (Arts and Sciences)	8
D1	DAILY JOYS & HASSLES	5
E1	EDUCATION	302
E2	EMPLOYMENT	363
E3	ETHNICITY	98
E4	EXPRESSIVE BEHAVIOR	12
F1	FAMILY OF ORIGIN (earlier family for adults, current for young)	236

F2	FAMILY OF PROCREATION	58
F3	FAMILY OF RELATIVES	157
F4	FARMING	25
F5	FREEDOM	32
F6	FRIENDSHIP	152
G1	GENDER	370
G2	GRIEF	1
H1	HABITS	1
H2	HANDICAP	25
H3	HAPPINESS: VIEWS ON HAPPINESS	49
H4	HAPPINESS: DISPERSION OF HAPPINESS	10
H5	HAPPINESS: CAREER	191
H6	HAPPINESS: CORRESPONDENCE OF DIFFERENT MEASURES	310
H7	HAPPINESS OF OTHERS	0
H8	HAPPINESS: REPUTATION OF HAPPINESS	19
H9	HEALTH-BEHAVIOR	25
H10	HELPING	5
H11	HOPE	8
H12	HOUSEHOLD: COMPOSITION	137
H13	HOUSEHOLD: WORK	32
H14	HOUSING	106
I1	INCOME	552
I2	INSTITUTIONAL LIVING	43
I3	INTELLIGENCE	71
I4	INTERESTS	8
I5	INTERVIEW	73
I6	INTIMACY	103
L1	LANGUAGE	2
L2	LEADERSHIP	8
L3	LEISURE	206
L4	LIFE APPRAISALS: OTHER THAN HAPPINESS	368
L5	LIFE CHANGE	35
L6	LIFE EVENTS	86
L7	LIFE GOALS	75
L8	LIFE HISTORY	2
L9	LIFE STYLE	22
L10	LOCAL ENVIRONMENT	374
L11	LOTTERY	8
L12	LOVE-LIFE	31

M1	MARRIAGE: MARITAL STATUS CAREER	64
M2	MARRIAGE: CURRENT MARITAL STATUS	543
M3	MARRIAGE: RELATIONSHIP	115
M4	MARRIAGE: PARTNER	46
M5	MEANING	23
M6	MEDICAL TREATMENT	81
M7	MENTAL HEALTH	218
M8	MIGRATION: TO OTHER COUNTRY	29
M9	MIGRATION: MOVING WITHIN COUNTRY (residential mobility)	17
M10	MIGRATION: MIGRANT WORK	3
M11	MILITARY LIFE	7
M12	MODERNITY	6
M13	MOOD	246
M14	MOTIVATION	7
N1	NATION: NATIONALITY	29
N2	NATION: ERA (temporal period)	41
N3	NATION: NATIONAL CHARACTER (modal personality)	29
N4	NATION: CONDITION IN ONE'S NATION	430
N5	NATION: POSITION OF ONE'S NATION	1
N6	NATION: ATTITUDES TO ONES NATION	152
N7	NATION: LIVABILITY OF ONE'S NATION	17
N8	NATION i: ATTITUDES IN	1
N9	REGION IN NATION	59
N10	NUTRITION	23
N21	ERA	0
O1	OCCUPATION	178
O2	ORGAN TRANSPLANTATION	17
P1	PERSONALITY: HISTORY	48
P2	PERSONALITY: CHANGE	10
P3	PERSONALITY: CURRENT ORGANIZATION	7
P4	PERSONALITY: CURRENT TRAITS	462
P5	PERSONALITY: LATER	23
P6	PHYSICAL HEALTH	427
P7	PLANNING	11
P8	POLITICAL BEHAVIOUR	231
P9	POPULARITY	26
P10	POSSESSIONS	60
P11	PRISON	1
P12	PROBLEMS	25

P13	PSYCHO-SOMATIC COMPLAINTS	62
P14	PETS	3
R1	RELIGION	251
R2	RESOURCES	9
R3	RETIREMENT	89
R4	ROLES	23
S1	SCHOOL	129
S2	SELF-IMAGE	237
S3	SEX-LIFE	61
S4	SLEEP	16
S5	SOCIAL MOBILITY	17
S6	SOCIAL PARTICIPATION: PERSONAL CONTACTS	69
S7	SOCIAL PARTICIPATION : VOLUNTARY ASSOCIATIONS	131
S8	SOCIAL PARTICIPATION: TOTAL (personal + associations)	34
S9	SOCIO-ECONOMIC STATUS	154
S10	SOCIAL SUPPORT: RECEIVED	62
S11	SOCIAL SUPPORT: PROVIDED	6
S12	SPORTS	38
S13	STIMULANTS	49
S14	SUICIDE	8
S15	SUMMED DETERMINANTS	92
T1	TIME	53
T2	THERAPY	38
T3	TOLERANCE	37
V1	VALUES: CAREER	8
V2	VALUES: CURRENT PREFERENCES (own)	73
V3	VALUES: CLIMATE (current values in environment)	7
V4	VALUES: SIMILARITY (current fit with others)	12
V5	VICTIM	14
W1	WAR	5
W2	WISDOM	2
W3	WORK: CAREER	2
W4	WORK: CONDITIONS	68
W5	WORK: ATTITUDES	347
W6	WORK: PERFORMANCE (current)	29
W7	WORRIES	31
XX	UNCLASSIFIED	25

Appendix 5: Related Subjects

Subject		*Related Subject(s)*	
C10.2.1	Test-creativeness	I3.2.1	Test-intelligence
C10.2.2	Reputation of creativeness	I3.2.2	Reputation of intelligence
C10.2.3	Self-perceived creativeness	I3.2.3	Self-perceived intelligence

A report of the World Database of Happiness, Correlational Findings