

The Resilience, Adaptation and Well-Being Project



Family Coping Coherence Index

FCCI

FCCI:

Family Coping Coherence Index

Overview

The Family Coping Coherence Index (FCCI) was developed by Hamilton McCubbin, Andrea Larsen and David Olson (1982a) in an effort to identify a subscale of family coping which related to Aaron Antonovsky's (1978) concept of a sense of coherence, which families call upon to manage life changes and stresses.

Development of FCCI

The FCCI emerged from the original F-COPES as a subscale which measures the concept of coherence and its use as a coping tool for the family. Four items were selected which related to the constructs of manageability, control, trust and confidence, which were defining concepts of the sense of coherence.

Conceptual Organization

FCCI is a four-item instrument which uses a 5-point Likert scale ranging from Strongly Disagree to Strongly Agree, to record the degree to which families call upon their appraisal skills to manage stressful life events, strains, and changes. This index includes the acceptance of stressful events, the acceptance of difficulties, making a positive appraisal of a problem and having faith in God.

Reliability

The internal reliability (Cronbach's alpha) of the FCCI measure is .71.

Validity

The FCCI has shown strong correlations with several other instruments that measure the family's ability to call upon their appraisal skills and resources to manage stressful life events, strains, and changes. The Family Confidence scale (Olson, Larsen, & H.I. McCubbin, 1982) had a .48 correlation with the FCCI. The Professional Support scale (H.I. McCubbin, Larsen, & Olson, 1982a) had a .38 correlation with FCCI, and the Relative and Friend Support scale (H.I. McCubbin, Larsen, & Olson, 1982b) had a .31 correlation with FCCI.

Test-Retest Reliability

The test-retest reliability for FCCI is .83.

Additional Validity Checks

No additional validity information is available at this time.

Scoring Procedures

The total score for FCCI is obtained by simply summing the number circled by the respondent (i.e., 1=Strongly Disagree, 2=Disagree, 3=Neutral, 4=Agree, and 5=Strongly Agree) for all 4 items.

Norms and/or Comparative

Data Comparative data are available on families involved in numerous studies of the Family Stress, Coping & Health Project, including families of investment executives, Native Hawaiian families, and families of youth in residential treatment. The earliest survey of family strengths reported a mean of 16.0 with a standard deviation of 2.0. For more recent studies, percentiles and standard scores, means and standard deviations are available in Tables 23.1 through 23.4.

Instrument Utilization for Research

The FCCI instrument is currently being tested within the Family Stress, Coping and Health Project and by other investigators. The few studies that have included this instrument have already been cited in the

validity section of this chapter and are included in the references. Therefore, a summary table of related publications is not available at this time.

Notes

1. The availability of additional psychometrics and bibliographies of other users is limited. Upon publication of this material, wider usage is expected, and as subsequent publications become available they will be added to our database. If you would like to inquire about more recent studies, please write to us at the Center for Excellence in Family Studies, Family Stress, Coping and Health Project, University of Wisconsin-Madison, 1300 Linden Drive, Madison, WI 53706 or send email to manual@macc.wisc.edu. There will be a charge for these additional materials.
2. When referencing this instrument, the proper citation is: McCubbin, H.I., Larsen, A., & Olson, D. (1982). Family Coping Coherence Index (FCCI). In H.I. McCubbin, A.I. Thompson, & M.A. McCubbin (1996). *Family assessment: Resiliency, coping and adaptation-Inventories for research and practice*. (pp. 703712). Madison: University of Wisconsin System.

Table 23.1
Investment Executives Family Coping Coherence Index
(N=298)

Raw Scores	Standard Scores	Cumulative Percentiles
0-6	-4.3	3.
7-10	-2.6	2.0
11	-2.1	4.0
12	-1.7	6.7
13	-1.2	14.4
14	-0.8	25.8
15	-0.3	39.3
16	+0.1	66.1
17	+0.5	82.2
18	+1.0	87.6
19	+1.4	93.3
20	+1.9	100.0

Mean = 15.772

SD = 2.255

Range = 14

Kurtosis = .934

Skewness = -.391

Mode = 16.0

Table 23.2
Spouses of Investment Executives Family Coping Coherence Index
(N=234)

Raw Scores	Standard Scores	Cumulative Percentiles
0-8	-3.7	.9
9-10	-2.7	2.1
11	-2.3	3.0
12	-1.8	7.3
13	-1.3	12.4
14	-0.9	20.1
15	-0.4	35.5
16	0.0	59.8
17	+0.5	84.2
18	+1.0	90.2
19	+1.4	93.2
20	+1.9	100.0

Mean = 15.906

SD = 2.165

Range = 12

Kurtosis = 1.283

Skewness = -.587

Mode = 16.0

Table 23.3
Families of Youth in Residential Treatment Family Coping Coherence Index: (N=477)

Raw Scores	Standard Scores	Cumulative Percentiles
0-5	-4.2	.2
6	-3.8	.4
7	-3.4	.6
8	-3.1	1.3
9	-2.7	1.9
10	-2.3	3.4
11	-2.0	4.6
12	-1.6	9.4
13	-1.2	14.7
14	-0.8	23.9
15	-0.5	34.4
16	-0.1	45.1
17	+0.3	62.3
18	+0.6	79.0
19	+1.0	89.9
20	+1.4	100.0

Mean =16.289

SD = 2.696

Range = 15

Kurtosis = .921

Skewness = -.888

Mode =17.0

Table 23.4
Families of Native Hawaiian Ancestry Family Coping Coherence Index
(N=192)

Raw Scores	Standard Scores	Cumulative Percentiles
0-8	-3.3	.5
9	-2.9	1.0
10	-2.5	2.1
11	-2.0	2.6
12	-1.6	7.3
13	-1.2	14.1
14	-0.8	27.6
15	-0.4	44.3
16	+0.1	63.0
17	+0.5	77.6
18	+0.9	84.4
19	+1.3	90.6
20	+1.7	100.0

Mean = 15.849

SD = 2.376

Range = 12

Kurtosis = .154

Skewness = -.190

Mode = 16.0

FCCI

FAMILY COPING COHERENCE INDEX

English Version



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FCCI
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 Hamilton I. McCubbin

Directions:

Decided to what degree you either agree or disagree with each statement about your family 0 = Strongly Disagree, 4 = Strongly Agree.

When we face problems or difficulties in our family we cope by:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1. Accepting stressful events as a fact of life	0	1	2	3	4
2. Accepting that difficulties occur unexpectedly	0	1	2	3	4
3. Defining the family problem in a more positive way so that we do not become too discouraged	0	1	2	3	4
4. Having faith in God	0	1	2	3	4

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