SELF-REPORT FAMILY INVENTORY: VERSION II

Reference

Companion Document
SFI Manual from Hampson

Description
The Self-Report Family Inventory: Version II (SFI) is a 36-item measure of perceptions of family functioning in five areas: Health/Competence, Conflict, Cohesion, Leadership, and Expressiveness. The instrument is a screening device to assess a family member’s view of overall family competence, based on the Beavers Systems Model of family functioning. Each item is rated on a 5-point scale; for the first 34 items, the scale descriptors are 1 = YES: Fits our family very well, 3 = SOME: Fits our family some, and 5 = NO: Does not fit our family. The last two items have response scales specific to the items. Lower scores represent greater family competence.

The scale authors reported test-retest correlation ranges for 1- to 3-month periods as follows: Family Health/Competence, .84-.87; Conflict, .50-.59; Cohesion, .50-.70; Leadership, .41-.49; and Expressiveness, .79-.89. Validity is demonstrated through correlations of SFI scores with scores from other assessments of family functioning, including the Family Environment Scale, the Family Assessment Device, FACES II, and FACES III.

Additional information about reliability and validity of the SFI can be found in Beavers & Hampson (1990), and in the scoring information from the family assessment manual that Hampson mailed to us in August 2006 (SFI Manual from Hampson).

Administration: 15 months, 24 months, 36 months, 54 months, Grade 1
This measure was administered to mothers and fathers/partners at several data collection points. Mothers completed the measure during the common protocol home visit at 15 months (n = 103), 24 months (n = 117), 36 months (n = 112), and 54 months (n = 89), and during a site-specific home visit in Grade 1 (n = 99). Fathers/partners completed the measure at 15 months (n = 64) and 24 months (n = 62) during the HHS father visit, at 36 months (n = 90) during a site-specific family lab, and at Grade 1 (n = 74) during a site-specific home visit.

Scoring: Beavers & Hampson (1990)
Health/Competence
Mean of 19 items: 2, 3, 4, 6, 12, 15, 16, 17, -18, -19, 20, 21, -24, -25, -27, 28, 33, 35, 36. A lower score reflects greater global family competence. Themes addressed in this scale include happiness, optimism, problem-solving and negotiation skills, family love, strength of parental coalitions, emphasis on autonomy and individuality, and responsibility.

Mother report, 15 months = M15FIHEA
N = 103, M = 1.91, SD = 0.52, range = 1.05-3.37, α = .88
Father/partner report, 15 months = **F15FIHEA**  
\( N = 64, M = 1.95, SD = 0.46, \text{ range } = 1.16-2.84, \alpha = .86 \)

Mother report, 24 months = **M24FIHEA**  
\( N = 117, M = 1.91, SD = 0.59, \text{ range } = 1.11-4.42, \alpha = .92 \)

Father/partner report, 24 months = **F24FIHEA**  
\( N = 62, M = 1.96, SD = 0.49, \text{ range } = 1-2.89, \alpha = .86 \)

Mother report, 36 months = **M36FIHEA**  
\( N = 112, M = 1.78, SD = 0.58, \text{ range } = 1-3.68, \alpha = .91 \)

Father/partner report, 36 months = **F36FIHEA**  
\( N = 90, M = 2.03, SD = 0.59, \text{ range } = 1.05-3.47, \alpha = .92 \)

Mother report, 54 months = **M54FIHEA**  
\( N = 89, M = 1.80, SD = 0.55, \text{ range } = 1.16-3.89, \alpha = .90 \)

Mother report, Grade 1 = **MG1FIHEA**  
\( N = 99, M = 1.89, SD = 0.53, \text{ range } = 1.05-3.32, \alpha = .89 \)

Father/partner report, Grade 1 = **FG1FIHEA**  
\( N = 74, M = 1.88, SD = 0.56, \text{ range } = 1.05-3.58, \alpha = .93 \)

**Conflict**

Mean of 12 items: -5, 6, 7, -8, -10, -14, -18, -24, -25, -30, -31, 34. A lower score reflects less overt unresolved family conflict, fighting, blaming, and arguing, and more negotiation and acceptance of personal responsibility in resolving conflicts.

Mother report, 15 months = **M15FICON**  
\( N = 103, M = 1.71, SD = 0.56, \text{ range } = 1-3.58, \alpha = .84 \)

Father/partner report, 15 months = **F15FICON**  
\( N = 64, M = 1.81, SD = 0.59, \text{ range } = 1-3.33, \alpha = .85 \)

Mother report, 24 months = **M24FICON**  
\( N = 117, M = 1.74, SD = 0.66, \text{ range } = 1-3.75, \alpha = .88 \)

Father/partner report, 24 months = **F24FICON**  
\( N = 62, M = 1.81, SD = 0.65, \text{ range } = 1-4, \alpha = .90 \)

Mother report, 36 months = **M36FICON**  
\( N = 112, M = 1.65, SD = 0.57, \text{ range } = 1-4, \alpha = .87 \)

Father/partner report, 36 months = **F36FICON**  
\( N = 90, M = 1.93, SD = 0.64, \text{ range } = 1-3.50, \alpha = .87 \)

Mother report, 54 months = **M54FICON**  
\( N = 89, M = 1.61, SD = 0.51, \text{ range } = 1-3.17, \alpha = .83 \)

Mother report, Grade 1 = **MG1FICON**  
\( N = 99, M = 1.73, SD = 0.61, \text{ range } =1-3.64, \alpha = .85 \)

Father/partner report, Grade 1 = **FG1FICON**  
\( N = 74, M = 1.74, SD = 0.60, \text{ range } =1-3.33, \alpha = .91 \)

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Cohesion
Mean of 5 items: 2, 15, -19, -27, 36. A lower score reflects greater family closeness.

Mother report, 15 months = M15FICOH
N = 103, M = 2.22, SD = 0.59, range = 1.20-4, α = .66

Father/partner report, 15 months = F15FICOH
N = 64, M = 2.29, SD = 0.48, range = 1.20-3.20, α = .46

Mother report, 24 months = M24FICOH
N = 117, M = 2.32, SD = 0.64, range = 1.2-5, α = .71

Father/partner report, 24 months = F24FICOH
N = 62, M = 2.32, SD = 0.54, range = 1-3.80, α = .54

Mother report, 36 months = M36FICOH
N = 112, M = 2.19, SD = 0.60, range = 1-4.20, α = .68

Father/partner report, 36 months = F36FICOH
N = 90, M = 2.34, SD = 0.58, range = 1-3.60, α = .67

Mother report, 54 months = M54FICOH
N = 89, M = 2.13, SD = 0.66, range = 1.20-4.40, α = .71

Mother report, Grade 1 = MG1FICOH
N = 99, M = 2.19, SD = 0.57, range = 1-4, α = .71

Father/partner report, Grade 1 = FG1FICOH
N = 74, M = 2.20, SD = 0.56, range = 1-3.60, α = .73

Leadership
Mean of 3 items: -8, 16, 32. A lower score reflects strong and consistent patterns of adult leadership in the family. NOTE: This scale generates troublesome psychometrics (extremely poor Cronbach’s alpha coefficients, and some items are negatively correlated with the total in alpha computations) and probably should be not be used in data analyses.

Mother report, 15 months = M15FILEA
N = 103, M = 2.41, SD = 0.59, range = 1-3.67, α = .18

Father/partner report, 15 months = F15FILEA
N = 64, M = 2.35, SD = 0.59, range = 1-4, α = .10

Mother report, 24 months = M24FILEA
N = 117, M = 2.49, SD = 0.58, range = 1-4.50, α = -.29

Father/partner report, 24 months = F24FILEA
N = 62, M = 2.36, SD = 0.77, range = 1-5, α = .43

Mother report, 36 months = M36FILEA
N = 112, M = 2.35, SD = 0.63, range = 1-4.33, α = -.02

Father/partner report, 36 months = F36FILEA
N = 90, M = 2.36, SD = 0.65, range = 1-4.67, α = .25
Expressiveness
Mean of 5 items: 1, 9, -13, 20, 22. A lower score reflects greater feelings of closeness and more expression of positive feelings, warmth, and caring.

Analysis Data Sets
15 months: SS15MO
24 months: SS24MO
36 months: SS36MO
54 months: SS54MO
Grade 1: SSG1

Raw Data Sets
15 months, mother report: M15FI
15 months, father/partner report: F15FI
24 months, mother report: M24FI
24 months, father/partner report: F24FI
36 months, mother report: M36FI
36 months, father/partner report: F36FI
54 months, mother report: M54FI
Grade 1, mother report: M1GFI
Grade 1, father/partner report: F1GFI

Note
If the Self-Report Family Inventory: Version II is used in data analyses or manuscripts, provide results to Robert Hampson (rhampson@mail.smu.edu) at:
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