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Program files:
M$RDC.TECPATH4
M$RDC.TECMOTH4
M$RDC.TECLARG4
M$RDC.TECSTB4

Technical report number can be used to identify the corresponding SPSS program.
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<td>Hrakowsky and Ross Control Scale</td>
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* Denotes significant differences (p < .05) between scales.

** Notes:**
- All correlations are significant at the .05 level.
- The scales are designed to measure various psychological aspects including anxiety, depression, and self-esteem.
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<td>* Household Chores</td>
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**Father**

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α = .8613 (18)  
α = .8067 (12)  
α = .6978 (8)  
α = .9227 (19)  
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α = .9211 (25)
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<td>Democratic Decision Making</td>
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Additional Scales in Wave3 and Wave4

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<td>DT3-DA,21</td>
<td>DS1-DA,21</td>
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<td>DT304043-59</td>
<td>DS304043-59</td>
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<td>α=.9698(17)</td>
<td>α=.9245(17)</td>
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</tbody>
</table>
T/S 206 * T/S Report of Father’s Behavior Towards Mother
(a) Hostility
(b) Warmth

T/S 201 * T/S Report of Mother’s Behavior Towards Father
(a) Hostility
(b) Warmth

T/S 202 * Parents’ Religiosity
(a) Father’s Religion
(b) Mother’s Religion

T/S 203 * Job Pressure Scale

T/S 204 * Job Match With Education
(a) Parents Approval
(b) Match with Education

T/S 205 * Best Friend’s Behavior
(a) Hostility
(b) Warmth

TARGET
SIBLING
DT1-DA, 24
DS1-DA, 24

DT104021, 23, 24
DS104021, 23,
24, 28, 29
α=.8392(5)
24, 28, 29

DT104022, 25-27
DS104022, 25-
α=.9405(4)
27 α=.9493

DT1-DA, 25
DS1-DA, 25

DT104030, 32, 33
DS104030, 32,
37, 38
α=.8678(5)
33, 37, 38

DT104031, 34-36
DS104031, 34-
α=.9542(4)
36 α=.9569

DT2-DA, 5
DS2-DA, 5

DT202006, 07, 16
DS202006, 07,
α=.5867(3)
16 α=.6743(3)

DT202009, 10, 15
DS202009, 10,
α=.7663(3)
15 α=.7881(3)

DT2-DA, 27
DS2-DA, 217

DT205046-50
DS205046-50
α=.6054(5)
α=.6704(5)

DT2-DA, 28
DS2-DA, 28

DT205069, 70, 73
DS205069, 70, 73
76 α=.8254(4)
76 α=.7843(4)

DT205071, 72, 75
DS205071, 72, 75
α=.580(3)
α=.7480(3)

DT2-DA, 39
DS2-DA, 39

DT207013, 15, 16
DS207013, 15,
20, 21
α=.7862(5)
16, 20, 21

DT207014, 17-19
DS207014, 17-
α=.6557(4)
19 α=.6346

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<tr>
<th>SCALE NO</th>
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<th>FATHER</th>
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<tbody>
<tr>
<td>T/S 206</td>
<td>Behavior towards Best Friend</td>
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<td></td>
<td>Best Friends</td>
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<tr>
<td></td>
<td>(a) Hostility</td>
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<td>(b) Warmth</td>
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<td>T/S 207</td>
<td>Relationship with Best Friend</td>
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<td>T/S 208</td>
<td>Farming Satisfaction</td>
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<td>T/S 209</td>
<td>Readiness to Leave School</td>
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<td>Sexual Permissiveness</td>
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<tr>
<td>T/S 211</td>
<td>Hostility/Warmth Towards Girl/Boy Friend</td>
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<td>(b) Warmth</td>
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<td>Authoritarian Parenting Scale</td>
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<td>T/S 213</td>
<td>CES-D Depression</td>
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<td>T/S 214</td>
<td>Recent Use Of Substances</td>
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<td>(a) Recent Drinking</td>
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<td>(b) Recent Drug Use</td>
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<td>T/S 215</td>
<td>Friends’ Approval For Anti-Social Acts</td>
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<td>T/S 216</td>
<td>Parents’ Approval For Anti-Social Acts</td>
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<td>T/S 217</td>
<td>Father As A Role Model</td>
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<td>T/S 218</td>
<td>Mother As A Role Model</td>
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<tr>
<td>T/S 219</td>
<td>Attitudes on Drinking</td>
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<td>T/S 220</td>
<td>Attitudes on Drug Use</td>
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<td>T/S 221</td>
<td>Life Satisfaction</td>
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</table>
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 12/21/92
Data file: Tacfath.wave4
Respondent: Father
Index title: Father Satisfaction with Target Scale
Location in codebook: Card045, Q1A, 2A, 3A, 4A (DF1-DA, 1-2)
N of cases: 494
N of items: 4
Coding scheme:

<table>
<thead>
<tr>
<th>DF101001</th>
<th>(1) Strongly Agree</th>
<th>(5) Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>DF101003</td>
<td>(2) Very Satisfied</td>
<td>(4) Very Dissatisfied</td>
</tr>
<tr>
<td>DF101005</td>
<td>(3) Very Happy</td>
<td>(4) Very Unhappy</td>
</tr>
<tr>
<td>DF101007</td>
<td>(1) Very Easy to Raise</td>
<td>(4) Very Difficult to Raise</td>
</tr>
</tbody>
</table>

Standardized: Yes
Missing values: 9
Items reverse coded: All

1. Frequencies:
   - Items w/ > 80% in one category: None
   - Items w/ > 70% in one category: None

2. Reliabilities:
   - Subscales: Satisfaction
     - Items: DF101001, DF101003, DF101005, DF101007
     - Reliability (Alpha): 0.813 (0.813)

3. Corrected Item Total Correlation < 0.2:
   - Satisfaction: None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute item loading > 0.5:
     - F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave 4

Author: Wickrama/Lee
Date: 12/21/91
Data file: Tecfath4
Respondent: Father
Index title: Father satisfaction with sibling
Location in codebook: Card 065, Q1B, Q2B, Q3B, Q4B (DF1-DA,1-2)
N of cases: 404
N of items: 4
Coding scheme: DF1010002 (1) Strongly Agree (5) Strongly Disagree
DF101004 (1) Very Satisfied (4) Very Dissatisfied
DF101006 (1) Very Happy (4) Very Unhappy
DF101008 (1) Very Easy to Raise (4) Very Difficult to Raise

Standardized: Yes
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability (Alpha)
   Satisfaction DF101102, DF101004, DF101006, DF101008 .8072 (.8072)

3. Corrected Item Total Correlation < 0.2:
   Satisfaction: None

4. Factor Analysis:
   # of eigenvalue > 1.0:
   Type of Rotation: Unavailable
   Absolute item Loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wiokrama/Lee
Date: 12/21/93
Data file: Tecfath4

Respondent: Father
Index title: Elliott’s Parental Rejection Scale (Father Rejection of Target)
Location in codabook: Card 065, Q5 (DF1-DA,1)
N of cases: 404
N of items: 5
Coding scheme: (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DF102002, 4, 5

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales
   Rejection Scale DF102001-DF102005
   Reliability(Alpha): .7606(.7684)

3. Corrected Item Total Correlation < 0.2
   Rejection Scale: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item Loading > 0.5
   F1: All

5. References:
   strategy for youth development. Boulder, Co; Behavior Research Evaluation Program.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 4/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father Report of Target’s Behavior
Location in codebook: Card 065, Q6 (DF1-DA,3-4)
N of cases: 404
N of items: 24
Coding scheme: (1) Always
(7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items v/> 80% in one category: DF102021, 28
   Items v/> 70% in one category: DF102027

2. Reliabilities:

   Subscales Items Reliability (Alpha)
   HOST/COERR (14 ITEMS) DF102006,10-14,16,20-22,24,26-28 .9225(.9221)
   OLD SCALE WITH 12 ITEMS
   WMTH/SUPT (9 ITEMS) DF102007-09,15-17,19,25,29 .9152(.9186)
   CID SCALE WITH 8 ITEMS .9136(.9110)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: OBLIMIN
   Absolute item Loading > 0.5
   F1: DF102006,10-14,16,20-22,24,26
   F2: DF102007-9,15-17,19,25,29
   F3: DF102021,27,28

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave 4

Author: Wickrama/Lee
Date: 4/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father Report of Target’s Problem Solving
Location in codebook: Card 065, Q7a-p. (DF1-DA,4)
N of cases: 404
N of items: 16
Coding scheme: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability (Alpha)
   Effective DF102030,31,33,34,37,38,45 .8904 (.8911)
   Destructive DF102032,35,36,39-44 .7747 (.7837)

3. Corrected Item Total Correlation < 0.2
   Effective: None
   Destructive: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: OBLIMIN
   Absolute item loading > 0.5
   F1: DF102030,31,33,34,37,38,41,45
   F2: DF102032,35,36,39,40,42-44

5. References:
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report-Wave4

Author: Wickram & Lee
Date: 12/21/92
Data file: Yecfa14

Respondent: Father
Index title: Father Report of Target's School Problems
Location in codebook: Card 066, Q9,10,11,13,14-18,19,20 (DF1-DA,5-11)
N of cases: 404
N of items: 10
Coding scheme: Q9. (00) F. (11) A. Q10 (1) A superior student
(5) Far below average
Q13.Q18 (1) Yes (2) No
Q14 Code actual number
Q15-Q17 (1) Always (5) Never
Q19 (1) is far behind (5) Ahead of classmates
Q20 (1) Very much (4) Not at all

Standardized: Yes
Missing values: 99.9
Items reverse coded: DF102047,56,64-66,67,70

1. Frequencies:
   Items w/> 20% in one category: DF102064,67
   Items w/> 70% in one category: DF102056,65

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>School Problem</td>
<td>DF102347,48,56,63-67,70,71</td>
<td>.7966(.7968)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   School problem: None

4. Factor Analysis:
   # of eigenvalue > 1.0 : 2
   Type of Rotation: OBLIMIN
   Absolute item loading > 0.5
   F1: DF102047,48,56,70,71
   F2: DF102094-67

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave 4

Author: Wiokrama
Date: 12/21/91

Respondent: Father
Index title: Father's Child Rearing Practice Scale for Target Location in codebook: Card 057, Q23 (DF1-DA,12)
N of cases: 404
N of items: 28
Coding scheme: (1) Always, (5) Never
Standardized: No
Missing values: 9
Items reverse coded: DF102080-84, 86, 88-90, 92-96, 98-107

1. Frequencies:
   Items w/> 83% in one category: DF102094, 95
   Items w/> 70% in one category: DF102080, 81

2. Reliabilities:

   Subscales                      Items                     reliability(Alpha)
   Monitoring                    DF102080-85               .7011(.7239)
   Discipline                    DF102086-96               .5875(.6356)
   *Inconsistent                 DF102086-91, 96             .5381(.5738)
   *Harsh Discipline             DF102092-95               .4818(.5643)
   Communication                 DF102097-107              .8032(.8159)
   Gld Scales w/ 10 items        .8354(.8345)
   *Induction                    DF102102-105              .7850(.7876)

3. Corrected Item Total Correlation < 0.2
   Monitoring: None
   Discipline: DF102087, 91, 93, 94
   Inconsistent: DF102087, 91
   Communication: DF102107
   Harsh Discipline: None
   Induction: None

4. Factor Analysis:
   f of eigenvalue > 1.0: 7
   Type of Rotation: Varimax
   Absolute item loading > .5
   F1: DF102101-105  F4: DF102083, 87, 91
   F2: DF102086, 88, 97-99  F5: DF102093, 94
   F3: DF102080, 81, 84  F6: DF102089, 90
   F7: DF102085, 107

5. References
Author: Wickrama/Lee
Data file: Tecfath

Respondent: Father
Index title: Father's Rating of Target's Conduct Disorder (QUA1)
Location in codebook: Card 067, Q24 (DF1-DA, 15, 16)
N of cases: 404
N of items: 22
Coding scheme: (0) No problem or No opportunity to observe
(3) Severe problem

Standardized: No
Missing values: 8.9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: DF102121, 125, 129
   Items w/ > 70% in one category: DF102113, 114, 120, 122

2. Reliabilities:

   Subscales
   Conduct Disorder
   Items: DF102108-129
   Reliability (Alpha) = .9343 (.9380)

3. Corrected Item Total Correlation < 0.2
   Conduct Disorder: None

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DF102111, 12, 15-19, 27
   F2: DF102208, 105, 21-23
   F3: DF102125, 129

5. References
   Behavior Problem Checklist. (First edition). Coral Gables,
   FL: University of Miami.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wavs4

Author: Wickrama/Lee
Data file: Tecfath4

Respondent: Father
Index title: Father's Marital Closeness Scale
Location in codebook: Card 068, Q27 (DF1-DA,18)
N of cases: 404
N of items: 13
Coding scheme: (1) A lot (4) Not at all

Standardized: No
Missing values: 9
Items reverse coded: DF103006, 8, 9, 14, 16, 17

1. Frequencies:
   Items w/> 80% in one category: DF103006
   Items w/> 70% in one category: DF103014, 17

2. Reliabilities:

   Subscales                       Items                       Reliability(Alpha)
   Marital Closeness             DF103006-018            .9060(.9089)
                                   Old Scale with 12 Items .9046(.9081)

3. Corrected Item Total Correlation < 0.2
   Marital Closeness: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DF103006, 8, 9, 14, 16, 17

5. References
   This scale was adapted from items developed by Kessler and his colleagues
   that were designed to tap the positive and negative characteristics of social
   interactions. (Kessler, Personal Communication, 1989). They also derive in
   part from Rock's (1984) work on the problematic aspects of social
   interaction. 80% of the variance was explained by the first factor
   (F1).
   psychological well-being." Journal of Personality and Social Psychology, 46:
   1057-1108.
Author: Wickrams/Lee
Data file: Tcfrath4

Respondent: Father
Index title: Father's Marital Instability Scale
Location in codebook: Card 066, Q28 (DF1-DA, 19)
N of cases: 404
N of items: 5
Coding scheme: (1) Not in the last year
(4) Yes, within the last 3 months

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DF103019, 20, 22
   Items w/>70% in one category: DF103023

2. Reliabilities:
   Subscales                        Items                        Reliability(Alpha)
   Marital Instability             DF103019-023                  .8124 (.8290)

3. Corrected Item Total Correlation < 0.2
   Marital Instability: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute Item Loading > 0.5
   F1: All

5. References
Author: Wickrama/Lee
Date: 12/31/92

Respondent: Father
Index title: Father's Marital Quality Scale
Location in codebook: Card 068, Q29A-B (DF1-DA,19)
N of cases: 404
N of items: 2

Coding scheme: DF103024 (0) Extremely unhappy
               DF103025 (1) Completely satisfied
               (5) Extremely happy
               (9) Not at all satisfied

Standardized: YES
Missing values: 9
Items reverse coded: DF103025

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales          Items         Reliability(Alpha)
   Marital Quality    DF103024-25   .7515(.7515)

3. Corrected Item Total Correlation < 0.2
   Marital Quality: None

5. References
   Developed by R. Conger for the IYFP.
Author: Wickrama/Lee
Data file: Tecfath4
Date: 12/21/92

Respondent: Father
Index title: Father's Marital Commitment Scale
Location in codebook: Card 068, Q30, Q31 (DF1-DA,20)
N of cases: 404
N of items: 2

Coding scheme: DF103026
(1) I want desperately for our relationship to succeed
(5) I don't want our relationship to succeed
DF103027
(1) I would go to any length to see that it succeeds
(5) I have given up trying to make it succeed

Standardized: No
Missing values: 9
Items reverse coded: DF103026-27

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
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<tr>
<td>Marital Commit</td>
<td>DF103026-27</td>
<td>.8343 (.8346)</td>
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</table>

3. Corrected Item Total Correlation < 0.2

   Marital Commitment: None

4. References

   Developed by R. Conger for the IVPP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave 4

Author: Wickrama/Lee
Data file: Tecfath4

Respondent: Father
Index title: Father's Report on Hostility & Warmth of Wife (former spouse)
Location in codebook: Card 068, Q33 (DF1-DA, 21-22)
N of cases: 604
N of items: 24
Coding scheme: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: DF103044, 51
   Items w/> 70% in one category: DF103050

2. Reliabilities:
   Subscales
   
<table>
<thead>
<tr>
<th>Items</th>
<th>Reliability(Alpha)</th>
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<tr>
<td>HOST/C0ER DF103029 DF103033-37, 41 DF103042-47 DF103049-51</td>
<td>.9311(.9314)</td>
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<tr>
<td>WMTH/SUPT. DF103030-32 DF103036-40 DF103042 DF103048, 52</td>
<td>.9548(.9561)</td>
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3. Corrected Item Total Correlation < 0.2
   HOST/C0ER: None
   WMTH/SUPT.: None

4. Factor Analysis:
   
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > .5
   F1: DF103029, 33-37, 41, 43, 45-47
   F2: DF103029-32, 38-40, 42-48, 52
   F3: DF103044, 49-51

5. References
Author: Wickrama/Lee
Data file: Tecfath.Wave4

Respondent: Father
Index title: Father's Rating of Wife's Problem Solving
Location in codebook: Card 068, Q34 (DF1-DA, 21-22)
N of cases: 404
N of items: 16
Coding scheme: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales            Items                        Reliability (Alpha)
   Effective            DF103053, 54, 56, 57, 60, 61, 68  .8973 (.8992)
   Old scale with 6 items
   Destructive          DF103055, 58, 59, 62-67    .8667 (.8691)

3. Corrected Item Total Correlation < 0.2
   Effective: None
   Destructive: None

4. Factor Analysis:

   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DF103053, 54, 56, 57, 60, 61, 64
   F2: DF103058, 59, 62, 63, 65-67

5. References
Author: Wickrama/Lee
Date: 12/23/92
Data file: Fecfath.wave4

Respondent: Father
Index title: Father’s Sexual Satisfaction Scale
Location in codebook: Card 069, Q35 (DF1-DA,23)
N of cases: 404
N of items: 8
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DF103069-76

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Sexual Sat
   Items: DF103069-76
   Reliability(Alpha): .7656 (.7856)

3. Corrected Item Total Correlation < 0.2
   Sexual Sat: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DF103069, 71, 75, 76
   F2: DF103070, 72-74

5. References
   Developed by R. Conger for IYFP.
1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:
   - Subscales: Social Embeddedness
     - Items: DF104018, 20, 21
     - Reliability(Alpha): .3876 (.2828)

3. Corrected Item Total Correlation < 0.2:
   - DF104018

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute item loading > 0.5:
     - F1: All

5. References:
Author: Wickrama/Lee
Data file: Tocfath4
Respondent: Father
Index title: Interpersonal Support Evaluation List (ISEL)
Location in codebook: Card 069, Q36 (DF1-DA,23-24)
N of cases: 404
N of items: 17
Coding scheme: (1) Definitely true (4) Definitely false
Standardized: No
Missing values: 9
Items reverse coded: DF104002-03 DF104007-14 DF104017

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                  Items                  Reliability(Alpha)
   Problems                   DF104002,09,13       .6339 (.6254)
   Closeeness                 DF104003,17           .6981 (.6987)
   Appraisal                  DF104001,05,10,12      .8474 (.8509)
   Belonging                  DF104004,06,14,15      .7175 (.7297)
   Tangibility                DF104007,08,11,16      .8325 (.8336)

3. Corrected Item Total Correlation < 0.2
   For all the scales: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute Item Loading > 0.5
   F1: DF104006-08,11,15,14,16
   F2: DF104002,04,09
   F3: DF104001,05

5. References
   Positive events and social supports as buffers of life change stress.
   B. The problems and closeness items were adapted from Kessler and
   colleagues from their work on positive and negative dimensions of
   interpersonal relationships (Kessler, Personal Communications, 1989).
   They also derive in part from Rook's (1984) work on the problematic
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrams/Lee
Data: 12/21/92
Data file: Tecsfath.Wave4

Respondent: Father
Index title: Economic Comparisons Scale
Location in codebook: Card 089, Q39,40 (DF1-DA,26-27)
N of cases: 404
N of items: 2
Coding scheme: DF105001 (1) Much higher than 1 year ago.
(5) Much lower than 1 year ago.
DF105002 (2) Much higher than their income.
(5) Much lower than their income.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales          Items          Reliability(Alpha)
   Economic Comparisons   DF105001,02       .4875(.4928)

3. Corrected Item Total Correlation < .2
   None

4. References:
Author: Wickrama/Lee
Date: 12/24/92
Data file: Tecsath4

Respondent: Father
Index title: Financial Strain Scale
Location in codebook: Card 069, Q4la-g. (DF1-DA,27)
N of cases: 404
N of items: 7
Coding scheme: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability (Alpha)
   Financial Strain DF105003-09 .9108(.9130)

3. Corrected Item Total Correlation < 0.2
   None

4. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 12/21/02
Data file: TecSeth4

Respondent: Father
Index title: Can't-Make-Ends-Meet Scale
Location in codebook: Card 065, Q41h, Q62, Q43 (DF1-DA, 27-28)
N of cases: 404
N of items: 3

Coding scheme:
DF105010 (1) Strongly agree
(5) Strongly disagree
DF105011 (1) A great deal of difficulty.
(5) No difficulty at all.
DF105012 (1) More than enough money left over.
(4) Not enough to make ends meet.

Standardized: Yes
Missing values: 9
Items reverse coded: DF105010,11

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Reliability(Alpha)
   can't make Ends Meet DF105010-12 .8063(.8063)

3. Corrected Item Total Correlation < 0.2
   None

4. References:
   Items adapted from Pearlin, L. I., Menaghan, E.G., Lieberman, M. A., and
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lea
Date: 12/21/92
Data file: Tecfath.Wave4

Respondent: Father
Index title: Devaluation of Money Scale & Children Hassles over Money Scale
Location in codebook: Card 069, Q44 (DF1-DA,29)
N of cases: 404
N of items: 6
Coding scheme: (1) Strongly agree
(5) Strongly disagree

standardized: No
Missing values: 9
Items reverse coded: DF105013, 16-18

1. Frequencies:
    Items w/ > 80% in one category: None
    Items w/ > 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Devaluation of Money</td>
<td>DF105013-15</td>
<td>.3151 (.3260)</td>
</tr>
<tr>
<td>Children Hassles over Money</td>
<td>DF105016-18</td>
<td>.7296 (.7485)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
Devaluation of Money: DF105014

4. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecfath.Wave4

Respondent: Father
Index title: Iowa Negative Financial Event
Location in codebook: Card 070, Q45 (DF1-DA,29)
N of cases: 404
N of items: 24
Coding scheme: (1) Yes. (2) No.

Standardized: No
Missing values: 5
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: All except DF105036
   Items w/> 70% in one category: DF105036

   * Note: Variance of DF105027 is zero.

2. Factor Analysis:
   # of eigenvalue > 1.0 : 8
   Type of Rotation: Oblimin
   Absolute item loading > .5:
   F1: DF105025, 32, 33, 38, 39
   F2: DF105028, 30
   F3: DF105040, 43
   F4: DF105020, 22
   F5: DF105029, 34
   F6: DF105035, 36
   F7: DF105023, 24
   F8: DF105031, 37

3. References:
   Developed from diverse source by R. Conger for the IVFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wigmara/Lee
Date: 12/23/92
Data file: Tecfath4

Respondent: Father
Index title: Father’s Mastery Subscale and Self-Esteem Subscale
Location in codebook: Card 071, Q46 [DF1-DA,11]
N of cases: 404
N of items: 17
Coding scheme: (1) Strongly Agree  (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DF106008,09,11,13,04,06,14

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alphas)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mastery</td>
<td>DF106001-07</td>
<td>.818 (.8212)</td>
</tr>
<tr>
<td>Self-Esteem</td>
<td>DF106008-17</td>
<td>.9755 (.9876)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of Eigenvalue > 1.0 : 2
   Type of Rotation: Oblimin
   Absolute Item loading > .5:
   F1: DF106004,08-13
   F2: DF106011,03,05,07
   F3: DF106015-17

5. References:

   Mastery Subscale
   Items adapted from Pearlin, L. I., Menaghan, E. C., Lieberman, M. A.,

   Self-Esteem
   Princeton University Press.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave 4

Author: Wickrama/Lee
Data: 17/21/92
Data file: Tecfath4

Respondent: Father
Index title: Mirowsky and Ross Control scale
Location in codebook: Card071, Q46 (DF1-DA,31)
N of cases: 404
N of items: 8
Coding scheme: (1) Strongly agree (9) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: all

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ross Control Scale</td>
<td>DF106004,18-24</td>
<td>.7105 (.7187)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   DF106019

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DF106021-24
   F2: DF106019,20

5. References:
   Ross, C.E. and Mirowsky, J. (1969). Explaining the social patterns of
depression: Control and problem solving - or support and talking.
Author: Wickrama/Lee  
Date file: Tecfath4

Respondent: Father  
Index title: SCL-90-R Somatization Subscale & SCL-90-R Depression Subscale  
Location in codebook: Card 074, Q59 (DF1-DA,40-41)  
N of cases: 404  
N of items: 25  
Coding scheme: (1) Not at all  (5) Extremely

Standardized: No  
Missing values: 9  
Items reverse coded: None

1. Frequencies:  
   Items w/ > 80% in one category: DF106129,132,134,137,150,152,153,155,159,170  
   Items w/ > 70% in one category: DF106130,141,143,144,146,149,151,156,157,166

2. Reliabilities:  
   Subscales  
   Items  
   Reliability (Alpha)
   Somatization  DF106127,129,132,142,149,150,152-155,157,159  .7640 (.7285)  
   Depression  DF106130,133,134,137,138,141,143-146,156,156,166,170  .9085 (.9197)

3. Corrected Item Total Correlation < 0.2  
   Somatization: None  
   Depression: None

4. References  

Author: Wickrama/Lee
Data file: Tecfath4

Respondent: Father
Index title: Father's SCL-90R Anxiety subscale
Location in codebook: Card 074, Q59 (DF1-DA,40-41)
N of cases: 404
N of items: 10
Coding scheme: (1) Not at all. (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DF106128,135,139,147,148,167,171,173
   Items w/> 70% in one category: DF106169

2. Reliabilities:

   Subscales
   Items
   Reliability(Alpha)
   Anxiety DF106128,135,139,147,148,158,167,169,171,173
   .8859 (.9005)

3. Corrected Item Total Correlation < 0.2
   Anxiety: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DF106128,135,139,147,148,167,169
   F2: DF106171,173

5. References
Author: Wickrama/Lee
Date: 12/21/92

Respondent: Father
Index Title: Father's Hostility subscale
Location in codebook: Card 074, Q59 (DF1-DA, 40-41)
N of cases: 404
N of items: 6
Coding scheme: (1) Not at all. (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DF106140, 162, 165, 168, 172
   Items w/> 70% in one category: None

2. Reliabilities:
<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hostility</td>
<td>DF106131, 140, 161, 165, 168, 172</td>
<td>.5949(.6919)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Hostility: NONE

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Varimax
   Absolute item loading > 0.5
   F1: CF106131, 140, 162, 165, 168, 172

5. References


IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report - Wave 4

Author: Wickrama/Lee
Data file: Tecfath4

Respondent: Father
Index title: SCL-90-R Additional Symptom Subscale
Location in codebook: Card 074, Q59 (DF1-DA, 40-41)
N of cases: 404
N of items: 8
Coding scheme: (1) Not at all, (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: DF106136,160,175
   Items w/ > 70% in one category: DF106174

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCL-90-R Symptom</td>
<td>DF106136,151,160,161,163,164,174,175</td>
<td>.7477 (1.7596)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Symptom: DF106161

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DF106160,174,175
   F2: DF106151,163,164
   F3: DF106161

5. References


1. Frequencies:
- Items w/ > 80% in one category: None
- Items w/ > 70% in one category: None

2. Reliabilities:
- Subscales: Mental Health (pos. affect)
  - Items: DF106215-220
  - Reliability (Alpha): .9018 (.907)

3. Corrected Item Total Correlation < 0.2
- Positive: None

4. Factor Analysis:
- # of eigenvalue > 1.0: 1
- Type of Rotation: Not available
- Absolute Item Loading > 0.5
- P1: All

5. References:
These 6 items were selected from 11 item General Positive Affect Scale from the Mental Health Inventory. Vait, C. T. and Ware, Jr., J. E. (1983). The structure of psychological distress and well-being in general populations. Journal of Consulting and Clinical Psychology, 51: 730-742.
Author: Wickrama/Lee
Date: 12/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Neo Vulnerability and Neo Positive Emotions subscale
Location in codebook: Card 071, Q46 (DF1-DA, 31-32)
N of cases: 404
N of items: 16
Coding scheme: (1) Strongly Agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: DF106026, 27, 30, 31, 34, 35, 38, 40

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: DF106026

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neo Vulnerability</td>
<td>DF106026, 28, 30, 32, 34, 36, 38, 40</td>
<td>.8415 (.0523)</td>
</tr>
<tr>
<td>Neo Positive Em.</td>
<td>DF106925, 27, 29, 31, 33, 35, 37, 39</td>
<td>.8277 (.0332)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Neo Vulnerability: None
   Neo Positive Em.: None

4. References:
   Costa, P.T. and McCrae, R.R. (1985)
   The NEO Personality Inventory Manual. Odessa, FL: Psychological Assessment Resources, Inc.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath

Respondent: Father
Index title: Father's Additional Neo Scales
Location in codebook: Card088, Q94 (DF2-DA,59)
N of cases: 404
N of items: 4
Coding scheme: DF208023-51 (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DF208023,29,30,35,36,41-43,50,51

1. Frequencies:
   Items w/> 80% in one category: DF208049
   Items w/> 70% in one category: DF208026

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self consciousness</td>
<td>DF208023,27,30,34,37,41,44,48</td>
<td>.7443 (.7474)</td>
</tr>
<tr>
<td>Impulsiveness</td>
<td>DF208025,29,32,36,39,43,47,51</td>
<td>.7548 (.7562)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   Self Consciousness: DF208030,48

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Unavailable

   Absolute item Loading > 0.5:
   | F1  | DF208024,31,42,45  | F2  | DF208023,27,37,41,44,48 |
   | F3  | DF208043,47        | F4  | DF208025,29,31,35,36,39,43,47,51 |
   | F5  | DF208032,48        | F6  | DF208030,41,44,47,51     |
   | F7  | DF208038           | F8  | DF208035                 |

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/31/93
Data file: Tecra/th

Respondent: Father
Index title: Father's Farming Financial Strain Scale
Location in codebook: Card086, Q83 (DF2-DA,46)
N of cases: 404
N of items: 4
Coding scheme: DF207004, 5, 7, 9 (1) Yes (2) No

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   subcales: Items: Reliability(Alpha)
   Farming Financial Strain: DF207004, 05, 07, 09
   .9833(.9836)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute Item Loading > 3.5:
   F1: All

5. References:
1. Frequencies:
   Items w/> 80% in one category : DF202002,04-08,10
   Items w/> 70% in one category : DF202003,14,17,19,20

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional(21 items)</td>
<td>DF202001-21</td>
<td>.9234(.9387)</td>
</tr>
<tr>
<td>Old scale with 17 items</td>
<td>DF202001-17</td>
<td>.9029(.9209)</td>
</tr>
<tr>
<td>Old Scale with 6 items</td>
<td>DF202001,03,05,07,09,10</td>
<td>.7934(.8249)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2

4. Factor Analysis:
   # of eigenvalue > 1.0 : 3
   Type of Rotation : Oblimin
   Absolute item Loading > 0.5
   F1 : DF202001,09,11-14,18,19,21
   F2 : DF202002,04-08,10
   F3 : DF202016,17,20

5. References

These scales were adapted from measures developed for a multisite study on the causes and correlates of delinquency sponsored by the Office of Juvenile Justice and Delinquency Prevention and conducted by T. Thonderry, D. Huizinga and R. Loeb (Thornberry, personal communication, 1989).
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 6/21/93
Data file: Tecfath

Respondent: Father
Index title: Father's Religiosity Scales
Location in codebook: Card080, Q29 (DF2-DA,20)
N of cases: 404
N of items: 4
Coding scheme: DF203003-10 (1) Strongly Agree (5) Strongly Disagree

Standardized: Yes
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 60% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscale</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Own Religiosity</td>
<td>DF203002,05-07,10</td>
<td>.8354 (.8554)</td>
</tr>
<tr>
<td>Sharing With Family</td>
<td>DF203003,04</td>
<td>.8713 (.8713)</td>
</tr>
<tr>
<td>Grand Parents' Religiosity</td>
<td>DF203008,09</td>
<td>.7550 (.7550)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DF203002-07,10
   F2: DF203008,09

5. References:
Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecfath.wave4

Respondent: Father
Index title: Father's Economic Pessimism
Location in codebook: Card O81, Q36 (DF2-DA,25)
N of cases: 404
N of items: 5
Coding scheme: (1) A very serious problem (4) Not a problem

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                      Items                      Reliability(Alpha)
   Economic Pessimism            DF205G01-05                 .8189(.8203)

3. Corrected Item Total Correlation < .2
   Pessimism: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Not Available
   Item Loading > 0.5
   F1: All

5. References
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave 4

Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecfath_wave4

Respondent: Father
Index title: Father's Financial Concern Scale
Location in codebook: Card 062, Q42 (DF2-DA, 27)
N of cases: 404
N of items: 10
Coding scheme: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 50% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability (Alpha)
   FINCON DF20-043,45-48,50-54 .9163 (.9161)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5
   F1: All

5. References:
   Developed by R. Conger for IYFP.
Author: Wickrams/Lee
Date: 12/21/92
Data file: Tecfath4

Respondent: Father
Index title: Father's Job Satisfaction scale
Location in codebook: Card 083, Q85,57 (DF2-DA,33-35)
N of cases: 398
N of items: 34
Coding scheme: DF206028 (1) Very happy (5) Very unhappy
Standardized: Yes

Missing values: No
Items reverse coded: DF206033-36,40,44,47,51,57,59,60

1. Frequencies:
   Items w/ 80% in one category: None
   Items w/ 70% in one category: None

2. Reliabilities:

   Subscales                   Items                      Reliability(Alpha)
   Good Fit                   DF206028,30-36               .8822(.8840)
   Autonomy                   DF206038,39,45,60               .8257(.8284)
   Rewards                    DF206037,42,43,48,51               .7097(.6577)
   Security                   DF206037,51                .6255(.6296)
   Inter-personal Relations   DF206028,44,46,49               .7022(.7087)

1. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0 : 5
   Type of Rotation: Oblimin
   Absolute Item Loading > 0.5:
   F1: DF206031,32,41,42
   F2: DF206037,48,51
   F3: DF206030,33,36
   F4: DF206040,47
   F5: DF206038,39,44,45

5. References
   Developed for IVFP from various sources.
Author: Wickrama/Lee
Date: 12/31/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Family-Work Conflict scale
Location in codebook: Card 085, Q73, 74 (DF2-DA, 43)
N of cases: 404
N of items: 2
Coding scheme: (1) often (4) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family work conflict</td>
<td>DF206093,94</td>
<td>.6952(.6443)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Family work conflict: None

4. References
   Adapted from Kessler. (Kessler, personal communication, 1989).
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecfath4

Respondent: Father
Index title: Father's Negative Attribution (Re. Target)
Location in codebook: Card 943 Q7 (DFJ-DAb,5)
N of cases: 404
N of items: 4
Coding scheme: (1) Strongly Agree  (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DFJ01045, 54

1. Frequencies:
Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:
Subscales Items Reliability(Alpha)
Negative Attribution DFJ01045, 54, 57, 59 .6381(.6419)

3. Corrected Item Total Correlation < 0.2:
None

4. Factor Analysis:
# of eigenvalue > 1.0: 1
Type of Rotation: Unavailable
Absolute item loading > 0.5:
F1: All

5. References:
Author: Wickrama/Lee
Date: 12/11/92
Data file: Tecfath4
Respondent: Father
Index title: Father's Rating of Siblings' Closeness and Conflict
Location in codebook: Card 092, Q1 (DF1-DA,1)
N of cases: 404
N of items: 5
Coding scheme: (1) Often (4) Never
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales       Items                  Reliability(Alpha)
   Close           DF301004,03,05               .7819(.7825)
   Conflict        DF301062,04               .5904(.6010)

3. Corrected Item Total Correlation < 0.2
   Pessimism: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Item Loading > 0.5
   F1: DF301001,03.05
   F2: DF301002,04

5. References:
   Conger, R.D.
   1988 Developed for the IYFP.
1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DF301051

2. Reliabilities:
   Subscales     Items             Reliability(Alpha)
   Neuroticism   DF301028,130,33,36,40,43,46 .8194(.8277)
   Deviant Peers DF301034,37             .7123(.7130)
   Social Support DF301029,32,51,53 .7312(.7346)
   Conscientiousness DF301031,39,50,56,44 .6905(.7193)
   Sociable      DF301041,48             .5863(.5573)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0 : 8
   Type of Rotation : Unavailable
   Item Loading > 0.5

5. References
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Democratic Decision Making
Location in codebook: Card068, Q26 (DF1-DA,17)
N of cases: 404
N of items: 3
Coding scheme: DF103002

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Your Wife Always Made Decision</td>
</tr>
<tr>
<td>5</td>
<td>You Always Made Decision</td>
</tr>
<tr>
<td>1</td>
<td>Often</td>
</tr>
<tr>
<td>5</td>
<td>Never</td>
</tr>
<tr>
<td>0</td>
<td>Extremely Unhappy</td>
</tr>
<tr>
<td>6</td>
<td>Extremely Happy</td>
</tr>
</tbody>
</table>

Standardized: Yes
Missing values: 9
Items reverse coded: DF103002, 03, 05

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DF103002

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Democratic Decision</td>
<td>DF103002-04</td>
<td>.5572 (.5572)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   DF103002

4. Factor Analysis:

   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DF103002
   F2: DF103003, 04

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecfath4

Respondent: Father
Index title: Father’s Report on Common Friends With Spouse
Location in codebook: Card069, Q18c-e (DF1-DA,26)
N of cases: 404
N of items: 3
Coding scheme: DF104024
        DF104025,26
1) None (5) All (6) I Have No Close Friends
   (1) She Doesn’t (I Don’t) Like This Person.
   (3) She Likes (I Like) This Person.
   (6) She Doesn’t (I Don’t) Have A Closest Friend.

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                  Items          Reliability (Alpha)
   Common Friends            DF104024-26    .6450 (.6452)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
Author: Wickrama/Lee  
Date: 04/31/93  
Data file: Tecfath4  
Respondent: Father  
Index title: Father's Relationship/Satisfaction With G1 Parents  
Location in codebook: Card077-078, Q8,17,20,21 (DF2-D,10-12)  
N of cases: 404  
N of items: 6  
Coding scheme: DF201015,35 (1) Excellent  
DF201051,53 (1) Daily  
DF201061,61 (1) Very Unhappy  
(5) Very Poor  
(6) No Contact At All  
(4) Very Happy  
Standardized: Yes  
Missing values: 9  
Items reverse coded: DF201016,35,51,53  

1. Frequencies:  
   Items w/> 80% in one category: None  
   Items w/> 70% in one category: None  

2. Reliabilities:  
   Subscales  
   With G1 Father: DF201035,51,61  
   With G1 Mother: DF201015,53,63  
   Reliability(Alpha)  
   .5949(.6510)  
   .5789(.6562)  

3. Corrected Item Total Correlation < 0.2:  
   None  

4. Factor Analysis:  
   # of >eigenvalue > 1.0: 2  
   Type of Rotation: Oblimin  
   Absolute items loading > 0.5:  
   F1: DF201015,35  
   F2: DF201035,61,63  

5. References:  
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath

Respondent: Father
Index title: Father's Marital Interaction
Location in codebook: Card081, Q31 (DF2-DA,22)
N of cases: 404
N of items: 10
Coding scheme: DF204001-10 (1) Often (4) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   - Items w/ 80% in one category: None
   - Items w/ 70% in one category: None

2. Reliabilities:
   - Subscales: Items
     Marital Interaction DF204001-10
   - Reliability(Alpha): .7900 (.8072)

3. Corrected Item Total Correlation < 0.2:
   - None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 2
   - Type of Rotation: Oblimin
   - Absolute item Loading > 0.5:
     F1: DF204006=9
     F2: DF204001-04

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 4/22/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Report on Target's Peer Network
Location in codebook: Card0656, Q21a-d (DF1-DA,12)
N of cases: 404
N of items: 4
Coding scheme: DF102072 (0) None, DF102073 (1) Less Than Once A Week, DF102074,75 (4) 5 Or More Times, (10) Ten Or More Times
(1) Strongly Agree, (5) Strongly Disagree

Standardized: Yes
Missing values: 8,9
Items reverse coded: DF102074

1. Frequencies:

Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:

Subscales												Items												Reliability(Alpha)
Friend Network												DF102072-75												.5716(.5716)

3. Corrected Item Total Correlation < 0.2:

None

4. Factor Analysis:

f of eigenvalue > 1.0: 1
Type of Rotation: Unavailable
Absolute item loading > 0.5:
Y1: All

5. References:
Conger, R. D. Developed for Iowa Youth and Families Project.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee  
Date: 4/21/93  
Data file: Tecfath4

Respondent: Father  
Index title: Father's Report On Target's Social Adjustment.  
Location in codebook: Card066, Q22 (DF1-DA,13)  
N of cases: 404  
K of items: 4  
Coding scheme: DF102076-79 (1) Worse (3) Better

Standardized: No  
Missing values: 9  
Items reverse coded: None

1. Frequencies:
   - Items w/ > 80% in one category: None
   - Items w/ > 70% in one category: None

2. Reliabilities:
   - Subscales  
     Social Adjustment  
     Items: DF102076-79  
     Reliability (Alpha): .7996(.7917)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute item loading > 0.5:  
     F1: All

5. References:
   Conger, R. D. Developed for Iowa Youth and Families Project.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Self-Report on Alcohol Problem

Location in codebook: Card075, Q61 (DF1-DA, 42)
N of cases: 404
N of items: 12
Coding scheme: DF106177-88 (1) Always (5) Never

Standardized: No
Missing values: 8
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales        Items
   Alcohol Problem  DF106177-18B

   Reliability(Alpha)
   .9391 (.9981)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 4/31/93
Data file: Tecfath4

Respondent: Father
Index title: Father’s Relationship With G1 Mother: Role Models, Independence.
Location in codebook: Card077, Q9 (DF2-DA,5)
N of cases: 404
N of items: 4
Coding scheme: DF201016-20 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   subscales          Items             Reliability(Alpha)
   Role Models        DF201016,20         .7383(.7994)
   Independence       DF201017-19         .7011(.7200)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DF201017-19
   F2: DF201016,20

5. References:
   Conger, R. D. Developed for IOWA Youth and Families Project.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 4/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Relationship with G1 Father: Role Model, Independence.
Location in codebook: Card077, Q18 (DF2-DA, 10)
N of cases: 404
N of items: 4
Coding scheme: DF201036-40 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales       Items                Reliability(Alpha)
   Role Model      DF201076,40           .7946(.8023)
   Independence    DF201037-39           .8845(.8883)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DF201017-39
   F2: DF201036,40

5. References:
   Conger, R. D. Developed for Iowa Youth and Families Project.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickram/Lee
Date: 04/21/93
Data file: Tecfath4

Respondent: Father
Index Title: Father's Attitudes On Abortion
Location in codebook: Card050, Q25 (DF2-DA,18)
N of cases: 404
N of items: 5
Coding scheme: DF202022,26 (1) Definitely Acceptable
(4) Definitely Unacceptable

Standardized: No
Missing values: %
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Reliability(Alpha)
   Abortion: DF202022-26
   .8888 (.8895)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Attitudes Toward Pre-Marital Sex
Location in codebook: Card010, Q26 (DF2-DA.19)
N of cases: 404
N of items: 5
Coding scheme: DF202027-31 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Pre-Marital Sex: DF202027-31
   Reliability (Alpha): 0.9111 (0.9097)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   P1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father’s Beliefs About Marriage

Location in codebook: Card68L, Q32 (DF2-DA, 22-23)
N of cases: 404
N of items: 31
Coding scheme: DF204011-41 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DF20401, 15, 24, 40

1. Frequencies:
   Items w/> 66% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfaction</td>
<td>DF204012,16,17,20,31,37</td>
<td>.6964(.7003)</td>
</tr>
<tr>
<td>Divorce</td>
<td>DF204019,32,41</td>
<td>.6362(.6357)</td>
</tr>
<tr>
<td>Yard Life</td>
<td>DF204022,27</td>
<td>.5934(.8905)</td>
</tr>
<tr>
<td>HH Responsibility</td>
<td>DF204033,35,40</td>
<td>.6327(.5915)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   Satisfaction: DF204017

4. Factor Analysis:
   # of eigenvalue > 1.0: 9
   Type of Rotation: Varimax
   Absolute item Loading > 0.5:
   F1 : DF204012,16,30,31,37    F2 : DF204015,19,25,32
   F3 : DF204022,27            F4 : DF204033,39,40
   F5 : DF204011,20,21         F6 : DF204028
   F7 : DF204018,23            F8 : DF204035,41
   F9 : DF204017,25

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author : Wickrama/Lee
Date : 04/21/93
Data file : TecFath4

Respondent : Father
Index title : Father’s Concern about Kids’ Futures
Location in codebook : Card081, Q35 (DFZ-DA,24)
N of cases : 404
N of items : 4
Coding scheme : DFZ04048-51 (1) Strongly Agree (4) Disagree

Standardized : No
Missing values : 9
Items reverse coded : All

1. Frequencies :

   Items w/> 80% in one category : None
   Items w/> 70% in one category : None

2. Reliabilities :

   Subscales        Items                  Reliability(Alpha)
   Concern on Parenting  DFZ04048-51    .7671(.7655)

3. Corrected Item Total Correlation < 0.2 :
   None

4. Factor Analysis :

   # of eigenvalue > 1.0 : 1
   Type of Rotation : Unavailable
   Absolute item loading > 0.5 :
   F1 : All

5. References :
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tescfath4

Respondent: Father
Index title: Father's Helping Target Get Skills
Location in codebook: Card091, Q9b (DF3-DA,7)
N of cases: 404
N of items: 9
Coding scheme: DF301074-81 (1) Always (5) Never
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales  Items  Reliability (Alpha)
   Skills  DF301074-81  .8376 (.8438)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath

Respondent: Father
Index title: Father's Report On Spouse Parenting
Location in codebook: Card094, Q16 (DF3-DA,13)
N of cases: 404
N of items: 9
Coding scheme: DF302023-44 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DF302028,30

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: DF302033

2. Reliabilities:
   Subscales: Items: Reliability(Alpha)
   Affectionate/Loving: DF302023,24,26,27,31,34,36-38 .8654(.8668)
   Independence: DF302028,30,32,33,43 .2831(.2894)
   Hostility/Coercion: DF302025,35,39,42 .8092(.3061)

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DF302023, 24, 26, 27, 31, 34, 36-38
   F2: DF302025, 35, 39, 42, 44
   F3: DF302028-30, 32, 33, 43
   F4: DF302040

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath

Respondent: Father
Index title: Father’s Report On Marriage

Location in codebook: Card095, Q19 (DF3-DA,16)
N of cases: 404
N of items: 20
Coding scheme: DF303001-18 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DF303001-05, 08, 10, 12, 14, 16, 17

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                      Items                      Reliability(Alpha)
   Social Network Support        DF303001, 05, 07            .7258 (.7372)
   Commitment                    DF303002, 04, 08, 10, 12, 14, 15 .8951 (.8903)
   Comparison                    DF303003, 09, 16            .5683 (.5671)
   Effective Problem Solving     DF303013, 18            .7095 (.7114)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   % of eigenvalue > 1.0: 4
   Type of Rotation: Varimax
   Absolute item Loading > 0.5:
   F1: DF303001, 02, 04, 05, 07, 08, 10, 12-15, 17, 18  F2: DF303006
   F3: DF303003, 09, 16  F4: DF303011

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath

Respondent: Father
Index title: Father's Report On Marriage

Location in codebook: Card095, Q19 (DF3-5A,16)
N of cases: 404
N of items: 20
Coding scheme: DF303001-18 (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DF303001-03,05,16

1. Frequencies:
   Items w/> 60% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                  Items                     Reliability (Alpha)
   Social Network Support    DF303001,05,07             .7288 (.7372)
   Commitment                DF303002,04,08,10,12,14,15 .8951 (.6983)
   Comparison                DF303003,09,16             .5821 (.5671)
   Effective Problem Solving DF303013,18             .7093 (.7114)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Varimax
   Absolute item loading > 0.5:
   F1: DF303001,02,04,05,07,08,10,12-15,17,18
   F2: DF303006
   F3: DF303001,09,16
   F4: DF303011

5. References:
Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father's CES-D Depression scale
Location in codebook: Card097, Q22 (DF3-DA, 23)
N of cases: 404
N of items: 20
Coding scheme: DF303071-90 (1) Less Than 1 Day (4) 5-7 Days
Standardized: No
Missing values: 9
Items reverse coded: DF303074, 78, 82, 86

1. Frequencies:

Items w/ > 80% in one category: DF303072, 79, 87, 89
Items w/ > 70% in one category: DF303073, 80, 84, 85

2. Reliabilities:

| Subscales | Items DF303071-90 | Reliability(Alpha) | .8300 [.8690] |

3. Corrected Item Total Correlation < 0.2:

None

4. Factor Analysis:

# of eigenvalue > 1.0: 5
Type of Rotation: Oblimin
Absolute item loading > 0.5:
F1: DF303072, 76, 77, 81, 88, 90
F2: DF303082, 86, 87
F3: DF303085, 89
F4: DF303078
F5: DF303074

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrams/Lee
Date: 04/21/93
Data file: Tecfach4

Respondent: Father
Index title: Father’s Report On Last Week’s Feelings (CES-D Breakdown)

Location in codebook: Card097, Q22 (DF3-DA,23)
N of cases: 404
N of items: 20
Coding scheme: DF303071-90 (1) Less Than 1 Day (4) 5-7 Days

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DF303072,79,87,89
   Items w/> 70% in one category: DF303073,80,84,85

2. Reliabilities:

   Subscales             Items                    Reliability (Alpha)
   Distressed           DF303075-77,79-81,88,90   .81801 (.8328)
   Socially Withdrawn   DF303083-85,89          .65271 (.6999)
   Positive Affect      DF303074,78,82,86       .4861 (.5105)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DF303072,76,77,78,81,88,90
   F2: DF303080,84,85,87,89
   F3: DF303074,78,82,86
   F4: DF303071,73

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Report On Parenting

Location in codebook: Card097, Q23 (DF3-DA,23)
N of cases: 404
N of items: 20
Coding scheme: DF303091-103 (1) Strongly Agree (5) Strongly Disagree

Standardized: NO
Missing values: 9
Items reverse coded: DF303091-97,99-103

1. Frequencies:

Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Values/Parenting</td>
<td>DF303091, 93, 97, 100</td>
<td>.6421 (.6503)</td>
</tr>
<tr>
<td>General Life Satisfaction</td>
<td>DF303092, 95, 99, 102, 103</td>
<td>.8310 (.8326)</td>
</tr>
<tr>
<td>Attitudes About Kid's Work</td>
<td>DF303094, 96, 98, 101</td>
<td>.5701 (.5808)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:

None

4. Factor Analysis:

# of eigenvalue > 1.0: 3
Type of Rotation: Varimax
Absolute item loading > 0.5:
F1: DF303092, 95, 99, 102, 103
F2: DF303091, 93, 97, 100
F3: DF303094, 96, 98

5. References:

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father’s Report on Self-Efficacy For Change

Location in codebook: Card097, Q24 (DF3-DA, 24)
N of cases: 404
No of items: 15
Coding scheme: DF304001-15
(1) Not At All Confident
(2) Very Confident
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:

Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
</table>
| Self-Efficacy   | DF304001-15    | .9489 (95)

3. Corrected Item Total Correlation < 0.2:

None

4. Factor Analysis:

# of eigenvalue > 1.0: 2
Type of Rotation: Oblimin
Absolute item loading > 0.5:
F1: DF304001-05
F2: DF304006-15

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave 4

Author: Wickrama/Lee
Date: 4/21/93
Data file: Tecfath4

Respondent: Father
Index title: Father's Reaction to Family Problem Task
Location in codebook: Card 053, Q1-6 (DFPQ-DA,8)
N of cases: 404
N of items: 6

Coding scheme:
Q1 (1) Not at all well (5) Very well
Q2 (1) Very easy (5) Almost impossible
Q3 (1) Very upset (5) Very comfortable
Q4 (1) Definitely not (5) Yes, definitely
Q5 (1) Very unsure (5) Very sure
Q6 (1) Not at all important (5) Very important

Standardized: No
Missing values: 9
Items reverse coded: DF306002

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Items
   Hard to solve the conflict DF306002-05
   Reliability(Alpha) .7441(.7396)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5
   F1: All

5. References
   Developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave 4

Author: Wickrama/Lee
Date: 12/21/92
Data file: Tcgoth4

Respondent: Mother
Index title: Mother Satisfaction with Target Scale
Location in codebook: Card099, QA, 2A, 3A, 4A (DM1-DA, 1-9)
N of cases: 404
N of items: 4

Coding scheme:
- DM101001: (1) Strongly Agree  (2) Strongly Disagree
- DM101003: (1) Very Satisfied  (4) Very Dissatisfied
- DM101005: (1) Very Happy  (4) Very Unhappy
- DM101007: (1) Very Easy to Raise  (4) Very Difficult to Raise

Standardized: Yes
Missing values: 9
Items reverse coded: All

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:
   - Subscales: Satisfaction
   - Items: DM101001, DM101003, DM101005, DM101007
   - Reliability (Alpha): .8677 (.8677)

3. Corrected Item Total Correlation < .2:
   - Satisfaction: None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute item loading > .5:
     - F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 11/21/92
Data file: Tecmoh.Wave4.W4M2

Respondent: Mother
Index title: Mother satisfaction with sibling
Location in codebook: Card 099, Q1B, Q2B, Q3B, Q4B (DM1-DA, 1-2)
N of cases: 404
N of items: 4
Coding scheme: DM101002 (1) Strongly Agree (5) Strongly Disagree
DM101004 (1) Very Satisfied (4) Very Dissatisfied
DM101006 (1) Very Happy (4) Very Unhappy
DM101008 (1) Very Easy to Raise (4) Very Difficult to Raise

Standardized: Yes
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales          Items                         Reliability (Alpha)
   Satisfaction       DM101102, DM101004, DM101006, DM101008 .8624 (.8627)

3. Corrected Item Total Correlation < 0.2:

   Satisfaction: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author : Wickrama/Lee
Date : 12/21/92
Data file : Tecmoth4

Respondent : Mother
Index title : Elliott's Parental Rejection Scale (Father Rejection of Target)
Location in codebook : Card 099, Q5 (DM1-DA, 3)
N of cases : 404
N of items : 5
Coding scheme : (1) Strongly Agree (5) Strongly Disagree

Standardized : No
Missing values : 9
Items reverse coded : DM102002, 4, 5

1. Frequencies :
   Items v/> 80% in one category : None
   Items w/> 70% in one category : DM102073

2. Reliabilities :
   Subscales Items Reliability(Alpha)
   Rejection Scale DM102301-DM102005 .7979 (.802)

3. Corrected Item Total Correlation < 0.2
   Rejection Scale : None

4. Factor Analysis :
   # of eigenvalue > 1.0 : 1
   Type of Rotation : Unavailable
   Absolute Item Loading > 0.5
   F1 : All

5. References :

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 4/21/93
Data file: Tecmoth4
Respondent: Mother
Index title: Mother Report of Target's Behavior
Location in codebook: Card 099, Q6 (DM1-DA, 3-4)
N of cases: 404
N of items: 24
Coding scheme: (1) Always
(7) Never
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: DM102021, 27, 28
   Items w/> 70% in one category: DM102026

2. Reliabilities:
   Subscales: Items
   Reliability(Alpha)
   HOST/CGER (14 ITEMS) DM102006, 10-14, 18, 20-22, 24, 26-28 .9240 (.9264)
   OLC SCALE WITH 12 ITEMS .9259 (.9259)
   WMT/STFT (9 ITEMS) DM102007-09, 15-17, 19, 25, 29 .9188 (.9172)
   OLY SCALE WITH 8 ITEMS .9117 (.9110)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: OBLIMIN
   Absolute item Loading > 3.5
   F1: DM102006, 10-14, 18, 20, 22-24
   F2: DM102007-9, 15-17, 19, 25, 29
   F3: DM102021, 26-28

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 4/21/93
Data file: Tecmoth4

Respondent: Mother
Index title: Mother Report of Target's Problem Solving
Location in codebook: Card 099, Q7a-p. (DM1-DA,4)
N of cases: 404
N of items: 10
Coding scheme: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 75% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Effective DM102030,31,33,34,37,38,45 .9059(.9073)
   Destructive DM102032,35,36,39-44 .8237(.8180)

3. Corrected Item Total Correlation < 0.2
   Effective: None
   Destructive: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: OBLIMIN
   Absolute item loading > 0.5
   F1: DM102030,31,33,34,37,38,41,45
   F2: DM102032,35,36,39,40,42-44

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrams/Lee
Data: 12/21/92
Data file: techmoth4

Respondent: Mother
Index title: Mother Report of Target's School Problems
Location in codebook: Card 100, Q9,10,13,14-18,19,20 (DIN, DA, 5-11)
N of cases: 404
N of items: 10
Coding scheme: Q9. (80) F. (11) A. Q10 (1) A superior student
(5) Far below average
Q13,Q18 (1) Yes (2) No
Q14: Code actual number
Q15-Q17 (1) Always (5) Never
Q19 (1) is far behind (5) Ahead of classmates
Q20 (1) Very much (4) Not at all

Standardized: Yes
Missing values: 99.9
Items reverse coded: DM102047,56,64-66,67,70

1. Frequencies:
   Items v/> 80% in one category; DM102064,65,67
   Items v/> 70% in one category; DM102056

2. Reliabilities:
   Subscales: DM102047,48,56,63-67,70,71
   Reliability (Alpha): .8070 (.8069)

3. Corrected Item Total Correlation < 0.2
   School problem: DM102066

4. Factor Analysis:
   # of eigenvalue > 1.0 : 2
   Type of Rotation: OBLIMIN
   Absolute item Loading > 0.5
   F1: DM102047,48,56,70,71
   F2: DM102063,64
   F3: DM102065-67

5. References:
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report - Wave4

Author: Wickrama
Date: 12/21/93

Data file: Twomoth4

Respondent: Mother

Index title: Mother's Child Rearing Practice Scale for Target

Location in codebook: Card 101, Q23 (DM1-DA,14)

N of cases: 404

N of items: 28

Coding scheme: (1) Always. (5) Never

Standardized: No

Missing values: 9

Items reverse coded: DM12080-84, 86, 88-90, 92-96, 99-107

1. Frequencies:
   - Items w/> 80% in one category: DM102094, 95
   - Items w/> 70% in one category: DM102080, 81, 93

2. Reliabilities:

   Subscales          Items                      Reliability(Alpha)
   Monitoring         DM102080-85                   .6481(.6745)
   Discipline         DM102086-96                   .6508(.6345)
   Harsh Discipline   DM102086-91,96                   .6099(.6363)
   Communication      DM102092-95                   .4375(.5122)
   Old Scales with 10 items
   Induction          DM102097-107                   .8021(.8272)
   .8494(.8541)
   DM1020102-105      .7762(.7807)

3. Corrected Item Total Correlation < 0.2
   Monitoring         DM102091, 94
   Discipline         DM102096
   Harsh Discipline   None
   Communication      None
   Induction          None

4. Factor Analysis:
   # of eigenvalue > 1.0 : 7
   Type of Rotation: Oblimin
   Absolute item loading > 0.5

   1: DM102001-104
   F2: DM102007-90
   F3: DM102003, 84
   F4: DM102080, 81
   F5: DM102093, 94
   F6: DM102097-99
   F7: DM1020107

5. References
   A study in the causes and correlates of delinquency sponsored by the office
   of Juvenile Justice and Delinquency Prevention and conducted by T.Thornberry,
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave 4

Author: Wickrana/Lee
Data file: Techmoth4

Date: 12/21/92

Respondent: Mother
Index title: Mother's Rating of Target's Conduct Disorder (QUAY)
Location in codebook: Card 161, Q24 (DM1-DA, 15, 16)
N of cases: 404
N of items: 22
Coding scheme: (0) No problem or No opportunity to observe
(3) Severe problem

Standardized: No
Missing values: 8, 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DM102111, 114, 120, 121, 125, 129
   Items w/> 70% in one category: DM102110-112, 122, 124, 127

2. Reliabilities:
   Subscales: Items
   Conduct Disorder: DM102108-129
   Reliability (Alpha): .9272 (.9389)

3. Corrected Item Total Correlation < 0.2
   Conduct Disorder: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DM102111, 12, 15-19, 26, 27
   F2: DM102116, 120, 121, 125, 129
   F3: DM102108, 122-124
   F4: None

5. References
   Behavior Problem Checklist. (first edition). Coral Gables,
   FL: University of Miami.
Author: Wickrama/Lee
Date file: Tescmoth4

Respondent: Mother
Index title: Mother’s Marital Closeness Scale
Location in codebook: Card 102, Q27 (DF1-DA,18)
N of cases: 404
N of items: 13
Coding scheme: (1) A lot (4) Not at all

Standardized: No
Missing values: 9
Items reverse coded: DM103006, 8, 9, 14, 16, 17

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DM103006, 14, 17

2. Reliabilities:

   Subscale Items Reliability (Alpha)
   Marital Closeness DM103006-018 .9274 (.9294)

3. Corrected Item Total Correlation < 0.2
   Marital Closeness: None

4. Factor Analysis:
   # of eigenvalue > 1.0 : 2
   Type of Rotation: Oblimin
   Absolute item loading > .5:
   F2: DM103007, 10, 11, 13
   F1: DM103006, 8, 9, 14-17

5. References:
   This scale was adapted from items developed by Kessler and his colleagues
   that were designed to tap the positive and negative characteristics of social
   interactions. (Kessler, Personal Communication, 1989). They also derive in
   part from Rook’s (1984) work on the problematic aspects of social
   interaction.
   psychological well-being." Journal of Personality and Social Psychology, 46:
   1097-1108.
Author: Wickrama/Lee
Date: 12/21/92

Respondent: Mother
Index title: Mother's Marital Instability Scale
Location in codebook: Card 102, Q28 (DM1-DA,19)
N of cases: 404
N of items: 5
Coding scheme: (1) Not in the last year
(4) Yes, within the last 3 months

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DM103019,20,22
   Items w/> 70% in one category: DM103023

2. Reliabilities:

   Subscales: Items
   Reliability(Alpha)
   Marital Instability: DM103019-023 .8583(.8648)

3. Corrected Item Total Correlation < 0.2
   Marital Instability: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of rotation: Unavailable
   Absolute item loading > 0.5
   F1: All

5. References
Author: Wickrama/Lee  
Data file: Tecmoth4

Respondent: Mother  
Index title: Mother's Marital Quality Scale  
Location in codebook: Card 102, Q29A-B (DM1-DA,19)  
N of cases: 404  
N of items: 2

Coding scheme:  
DM103024 (4) Extremely unhappy  
DM103025 (1) Completely satisfied  
(5) Extremely happy  
(5) Not at all satisfied

Standardized: YES  
Missing values: 9  
Items reverse coded: DM103025

1. Frequencies:  
Items w/ 80% in one category: None  
Items w/ 70% in one category: None

2. Reliabilities:  
Subscales Items Reliability(Alpha)  
Marital Quality DM103024-25 .8267(.8276)

3. Corrected Item Total Correlation < 0.2  
Marital Quality: None

4. References  
Developed by R. Conger for the IYFP.
Response title: Mother's Marital Commitment Scale

N of cases: 404
N of items: 2

Coding scheme:
- DM103026
  1. I want desperately for our relationship to succeed
  5. I don't want our relationship to succeed
  2. I would go to any length to see that it succeeds
  6. I have given up trying to make it succeed

Standardized: No
Missing values: 9
Items reverse coded: DM103026-27

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales   Items   Reliability(Alpha)
   Marital Commitment   DM103026-27   .8267(.8270)

3. Corrected Item Total Correlation < 0.2
   Marital Commitment: None

4. References

   Developed by R. Conger for the IYFP.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report - Wave4

Author: Wickrama/Lea
Date: 12/21/92

Data file: Technoth4

Respondent: Mother

Coding scheme: (1) Always (7) Never

Index title: Mother’s Report On Hostility & Warmth of Husband(former spouse)

Location in codebook: Card 102, QJ3 (DM1-DA,21-22)

N of cases: 504

N of items: 24

Standardized: NO

Missing values: 9

Items reverse coded: All

1. Frequencies:

Items w/ > 80% in one category: DM103044,50,51
Items w/ > 70% in one category: DM103036,46,49

2. Reliabilities:

Subscales Items Reliability(Alpha)
HOST/COER DM103029 DM103033-37,41 0.9431(0.9459)
DM103043-47 DM103049-51

WMTH/SUPT. DM103030-32 DM103038-40 0.9529(0.9541)
DM103042 DM103048,52

3. Corrected Item Total Correlation < 0.2

HOST/COER: None
WMTH/SUPT.: None

4. Factor Analysis:

# of eigenvalue > 1.0: 3

Type of Rotation: Oblimin

Absolute item Loading > 0.5

F1: DM103026,33-37,41,43,45-47,49,50
F2: DM103030-32,38-40,42,48,52
F3: DM103044,51

5. References

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales       Items                                   Reliability(Alpha)
   Effective       DM103053, 54, 56, 57, 60, 61, 68          .9348 (.9351)
   Old scale with 6 items
   Destructive     DM103055, 58, 59, 62-67                   .9170 (.9177)
   Destructive     DM103055, 58, 59, 62-67                   .8299 (.8384)

3. Corrected Item Total Correlation < 0.2
   Effective : None
   Destructive: None

4. Factor Analysis:

   # of eigenvalue > 1.0 : 2
   Type of Rotation : oblimin
   Absolute item loading > 0.5
   F1 : DM103055, 58-60, 62, 63, 65-67
   T2 : DM103055, 54, 56, 57, 61, 64, 68

5. References
M15

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave4

Author: Wickrams/Lee
Date: 12/21/92
Data file: Tecmoth.wave4

Respondent: Mother
Index Title: Mother's Sexual Satisfaction Scale
Location in codebook: Card 103, Q35 (EM1-DT,23)
N of cases: 404
N of items: 8
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: EM103069-76

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales  Items  Reliability (Alpha)
   Sexual Sat  EM103069-76  .7364 (.7504)

3. Corrected Item Total Correlation < 0.2
   Sexual Sat: None

4. Factor Analysis:

   # of eigenvalue > 1.0: 2
   Type of Rotation: oblimin
   Absolute item Loading > 0.5
   F1: EM103069, 71, 75, 76
   F2: EM103070, 72-74

5. References
   Developed by R. Conger for IVFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave4

Author: Wickrams/Leed
Data file: Tecmoth4
Respondent: Mother
Index title: Interpersonal Support Evaluation List (ISEL)
Location in codebook: Card 103, Q36 (DM1-DA, 23-24)
N of cases: 404
N of items: 17
Coding scheme: (1) Definitely true (4) Definitely false
Standardized: No
Missing values: 9
Items reverse coded: DM104001-03 DM104007-14 DM104017

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales        Items          Reliability (Alpha)
   Problems        DM104002, 09, 13   .6028 (.6055)
   Closeness       DM104003, 17    .6994 (.6994)
   Appraisal       DM104001, 05, 10, 12  .7914 (.8005)
   Belonging       DM104004, 06, 14, 15  .7487 (.7587)
   Tangible        DM104007, 08, 11, 16  .7692 (.7739)

3. Corrected Item Total Correlation < 0.2 for all the scales: None

4. Factor Analysis:
   # of eigenvalue > 1.0 : 3
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1 : DM104003-09, 11, 12, 14, 16
   F2 : DM104002-04, 09, 13, 17
   F3 : DM104001, 05, 10

5. References
      Positive events and social supports as buffers of life change stress.
   B. The problems and closeness items were adapted from Kessler and
      colleagues from their work on positive and negative dimensions of
      interpersonal relationships (Kessler, Personal Communications, 1989).
      They also derive in part from Rook's (1984) work on the problematic
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Nickrams/Lee
Date: 03/16/93
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Social Embeddedness
Location in codebook: Card103, Q37,37b,37c (DM1-DT,25)
N of cases: 404
N of items: 3
Coding scheme: DM10401b,21 (1) Yes
DM104020 (1) More Than Once (5) Never

Standardized: No
Missing values: 9
Items reverse coded: DM10401b,20,21

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DM10401b

2. Reliabilities:
   Subscales: Items
   Social Embeddedness: DM10401b,20,21

   Reliability(Alpha): .3217(.2110)

3. Corrected Item Total Correlation < 0.2:
   DM10401b

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   Ft: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave 4

Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecmoth.Wave4

Respondent: Mother
Index title: Economic Comparisons Scale
Location in codebook: Card 103, Q39, 40 (DM1-DA, 26-27)
N of cases: 404
N of items: 2
Coding scheme: DM105001 (1) Much higher than 1 year ago.
(3) Much lower than 1 year ago.
DM105002 (1) Much higher than their income.
(5) Much lower than their income.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales   Items   Reliability(Alpha)
   Economic Comparisons DM105001,02 .3994 (.4025)

3. Corrected Item Total Correlation < 0.2
   None

4. References:
   Items adapted from Pearlin, L. I., Menaghan, E.G., Lieberson, M. A., and
Author: Wickrama/Lee
Date: 12/21/92
Data file: Temoth4

Respondent: Mother
Index title: Financial Strain Scale
Location in codebook: Card 103, Q41a-g (DM1-DA, 27)
N of cases: 404
N of items: 7
Coding scheme: (1) Strongly agree (5) Strongly disagree
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Financial Strain: DM105003-09
   Reliability(Alpha): .9146(.9160)

3. Corrected Item Total Correlation < 0.2
   None

4. References:
JOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 12/21/97
Data file: Teczmoth4

Respondent: Mother
Index title: Can't-Make-Ends-Meet Scale
Location in codebook: Card 103, Q41b, Q42, 43 (DM1-DA, 27-28)
N of cases: 404
N of items: 3
Coding scheme:
DM105010 (1) Strongly agree
(5) Strongly disagree
DM105011 (1) A great deal of difficulty.
(5) No difficulty at all.
DM105012 (1) More than enough money left over,
(4) Not enough to make ends meet.

Standardized: Yes
Missing values: 9
Items reverse coded: DM105010, 11

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales          Items               Reliability (Alpha)
   Can't make Ends Meet DM105010-12    .8716 (.8716)

3. Corrected Item Total Correlation < 0.2
   None

4. References:
   Items adapted from Pearlin, L. I., Herson, E.G., Lieberman, M. A., and
Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecmoth.Wave4

Respondent: Mother
Index title: Devaluation of Money Scale & Children Hassles over Money Scale
Location in codebook: Card 101, Q41 (DM1-DA,28)
N of cases: 404
N of items: 6
Coding scheme: (1) Strongly agree
(5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: DM105013, 16-18

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Devaluation of Money</td>
<td>DM105013-15</td>
<td>.2810 (.2928)</td>
</tr>
<tr>
<td>Children Hassles over money</td>
<td>DM105016-18</td>
<td>.7284 (.7459)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Devaluation of Money: DM105014, 15

4. References:
   Items adapted from Pearlin, L. I., Menaghan, E.G., Lieberman, M. A., and
   Social Behavior, 22: 357-386.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report-Wave 4

Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecmoth4

Respondent: Mother
Index title: Iowa Negative Financial Event
Location in codebook: Card 104, Q45 (DM1-DA,29)
N of cases: 404
N of items: 24
Coding scheme: (1) Yes. (2) No.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: All except DM105035,36
   Items w/> 70% in one category: DM105035,36

   * Note: Variance of DM105030 is zero.

2. Factor Analysis:
   # of eigenvalue > 1.0 : 3
   Type of Rotation: Varimax
   Absolute Item loading > .5 :
   F1 : DM105032,13,38,39
   F2 : DM105041,43
   F3 : DM105020,22,28
   F4 : DM105029,31
   F5 : DM105035,36
   F6 : DM105023,26,37
   F7 : DM105021,24
   F8 : DM105026,27

3. References:
   Developed from diverse source by R. Conger for the IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave 4

Author: Wickrama/Lee
Date: 12/21/92
Data file: Teemth4

Respondent: Mother
Index Title: Mother's Mastery Subscale and Self-Esteem Subscale
Location in codebook: Card 105, Q46 (DM1-DA,31)
N of cases: 404
N of items: 17
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DM106008,09,11,13,04,06,14

1. Frequencies:
   Items w> 80% in one category: None
   Items w> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscale</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mastery</td>
<td>DM106001-07</td>
<td>.8416(.8442)</td>
</tr>
<tr>
<td>Self-Esteem</td>
<td>DM106008-17</td>
<td>.9027(.9126)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of Eigenvalue > 1.0: 3
   Type of rotation: Oblimin
   Absolute Item loading > .5:
   F1: DM106008-14
   F2: DM106001-07
   F3: DM106006,16,17

5. References:
   Mastery Subscale
   Items adapted from Penrill, L. I., Menaghan, E. G., Lieberman, M. A.,

   Self-Esteem
   Princeton University Press.
Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecmoth4

Respondent: Mother
Index title: Mirowsky and Ross Control scale
Location in codebook: Card165, Q46 (DM1-DT,31)
N of cases: 404
N of items: 8
Coding scheme: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: all

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items                      Reliability (Alpha)
   Ross Control Scale DM106004,19-24    .4901 (.4672)

3. Corrected Item Total Correlation < 0.2
   DM106019

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DM106021-24
   F2: DM106019,20

5. References:
   Ross, C.E. and Mirowsky, J. (1989). Explaining the social patterns of
depression: Control and problem solving - or support and talking.
Author: Wickrams/Lee

Date file: Tecmoth4

Index title: SCL-90-R Somatization Subscale & SCL-90-R Depression Subscale

Location in codebook: Card 108, Q59 (DNI-DT, 40-41)

N of cases: 404

N of items: 25

Coding scheme: (1) Not at all (5) Extremely

Standardized: No

Missing values: 9

Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: DM106129, 132, 134, 138, 152, 155, 156, 157, 159, 170
   Items w/ > 70% in one category: DM106143, 146, 149, 153, 154

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Somatization</td>
<td>DM106127, 129, 132, 134, 142, 149, 150, 152-155, 157, 159</td>
<td>.7701 (7926)</td>
</tr>
<tr>
<td>Depression</td>
<td>DM106130, 133, 134, 137, 138, 141, 143-146, 156, 166, 170</td>
<td>.9077 (9259)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2

   Somatization: None
   Depression: None

4. References:


Author: Wickrass/Lee
Data file: Tecmoth4

Respondent: Mother
Index title: Mother’s SCL90R Anxiety subscale
Location in codebook: Card 168, Q59 (DM1-DT, 40-41)
N of cases: 404
N of items: 10
Coding scheme: (1) Not at all. (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DM106135, 139, 148, 167, 171, 173
   Items w/> 70% in one category: DM106128, 147, 169

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Anxiety DM106128, 135, 139, 147, 148, 158, 167, 169, 171, 173
   .8646 (.8727)

3. Corrected Item Total Correlation < 0.2
   Anxiety: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DM106128, 135, 138, 158
   F2: DM106139, 147, 167, 171, 173

5. References
Author: Wickrama/Lee
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Hostility subscale
Location in codebook: Card 108, Q59 (DM1-DT, 40-41)
N of cases: 404
N of items: 6
Coding scheme: (1) Not at all. (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DM166140, 162, 165, 168, 172
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales            Items          Reliability (Alpha)
   Hostility            DM106131, 140, 161, 165, 168, 172  .7190 (.8001)

3. Corrected Item Total Correlation < 0.2
   Hostility: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DM106131, 140, 161, 165, 168, 172
   F2: DM106162

5. References

   structure of the SCL-90-R: A study in construct validation. Journal of
   Clinical Psychology, 33: 981-989.
Author: Wickrama/Lee  
Data file: Tecmoth4

Respondent: Mother  
Index title: SCL-90-R Additional Symptom Subscale  
Location in codebook: Card 108, Q59 [DM1-DT, 40-41]  
N of cases: 404  
N of items: 8  
Coding scheme: (1) Not at all. (5) Extremely

Standardized: No  
Missing values: 9  
Items reverse coded: None

1. Frequencies:  
   Items w/> 80% in one category: DM106136, 160, 175  
   Items w/> 70% in one category: DM106174

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCL-90-R Symptom</td>
<td>DM106136, 151, 160, 161, 163, 164, 174, 175</td>
<td>.8011 (.8231)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2  
Symptom: None

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin  
   Absolute item loading > 0.5  
   F1: DM106160, 174, 175  
   F2: DM106151, 163, 164  
   F3: DM106161

5. References


Author: Wickrama/Lee
Date: 12/21/92

Respondent: Mother
Index title: Mother's Mental Health Inventory (Positive Affect)
Location in codebook: Card 109, Q65 (DM1-DT,46)
N of cases: 454
N of items: 6
Coding scheme: (1) All of the time (6) None of the time

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/≥ 80% in one category: None
   Items w/≥ 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Mental Health (pos. affect) DM106215-220 .9085(.9130)

3. Corrected Item Total Correlation < 0.2
   Positive: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Not available
   Absolute item Loading > 0.5
   F1: All

5. References
   These 6 items were selected from 11 item General Positive Affect Scale from the Mental Health Inventory. 
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickramas/Lee
Date: 12/21/92
Data file: Tecmsth4

Respondent: Mother
Index title: Mother's Neo Vulnerability and Neo Positive Emotions Subscale
Location in codebook: Card 105, Q46 (DM1-DA, 31-32)
N of cases: 404
N of items: 16
Coding scheme: (1) Strongly Agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: DM106026, 27, 30, 31, 34, 35, 38-40

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DM106026

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neo Vulnerability</td>
<td>DM106026, 28, 30, 32, 34, 36, 38, 40</td>
<td>.8222 (.8340)</td>
</tr>
<tr>
<td>Neo Positive Em.</td>
<td>DM106025, 27, 29, 31, 33, 35, 37, 39</td>
<td>.8469 (.8528)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Neo Vulnerability: None
   Neo Positive Em.: None

4. References:
   Costa, P.T. and McCrae, R.R. (1985)
   The NEO Personality Inventory Manual. Odessa, FL: Psychological Assessment Resources, Inc.
IOWA YOUTH AND FAMILIES PROJECT
Pre liminary Technical Report-wave4

Author : Wickrama/Lee
Date : 04/21/93
Data file : Tecnoth

Respondent : Mother
Index title : Mother's Additional Neo Scales
Location in codebook : Card122, Q94 (DM2-DT,59)
N of cases : 404
N of items : 4
Coding scheme : DM200023-51 (1) Strongly Agree (5) Strongly Disagree

Missing values : 9
Items reverse coded : DM200023,29,30,35,36,41-43,50,51

1. Frequencies :

Items w/≥80% in one category : DM200049
Items w/≥70% in one category : DM200026

2. Reliabilities :

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self Consciousness</td>
<td>DM200023,27,30,34,37,41,44,48</td>
<td>.7294(.7273)</td>
</tr>
<tr>
<td>Excitement Seeking</td>
<td>DM200024,28,31,35,38,42,45,50</td>
<td>.6292(.6453)</td>
</tr>
<tr>
<td>Impulsiveness</td>
<td>DM200025,29,32,36,39,43,47,57</td>
<td>.5980(.6993)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2 :

Impulsiveness : DM200836

4. Factor Analysis :

# of eigenvalue > 1.0 : 7
Type of Rotation : Varimax

<table>
<thead>
<tr>
<th>Absolute item Loading &gt; 0.5 :</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1 : DM200824,31,45</td>
</tr>
<tr>
<td>F3 : DM208043</td>
</tr>
<tr>
<td>F5 : DM208036</td>
</tr>
<tr>
<td>F7 : DM208042,50</td>
</tr>
</tbody>
</table>

F2 : DM208023,27,34,37,44
F4 : DM208025,29,32,39
F6 : DM208030,35,38

5. References :

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: femoth

Respondent: Mother
Index title: Mother’s Farming Financial Strain Scale
Location in codebook: Card120, Q83 (DM2-DT,46)
N of cases: 404
N of items: 4
Coding scheme: DM207004,5,7,9 (1) Yes (2) No
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                                    Items           Reliability(Alpha)
   Farming Financial Strain                     DM207004,05,07,09 .2328 (.1632)

3. Corrected Item Total Correlation < 0.2:
   All

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item Loading > 0.5:
   F1: All

5. References:
Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Thornberry Subterranean Values (SERF)
Location in codebook: Card14, Q24 (DM2-DT,18)
N of cases: 494
N of items: 21
Coding scheme: (1) Not wrong at all (4) Very wrong

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: DM202002-08,10,14,17,19,20
   Items w/ > 70% in one category: DM202001,12,13,16,18

2. Reliabilities:
   Subscales: Items Reliability (Alpha)
   Conventional (21 items) DM202001-21 .8665 (.9083)
   Old scale with 17 items DM202001-17 .8528 (.3012)
   Old scale with 6 items DM202001,03,05,07,09,10 .6934 (.7500)

3. Corrected Item Total Correlation < 0.2
   Conventional: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DM202009,11-14,21
   F2: DM202002,04-08,10
   F3: DM202016,17,20

5. References
   These scales were adapted from measures developed for a multisite study of the causes and correlates of delinquency sponsored by the Office of Juvenile Justice and Delinquency Prevention and conducted by T. Thornberry, D. Huizinga and R. Loeb (Thornberry, Personal Communication, 1989).
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author : Wickrama/Lee
Date : 04/21/83
Data file : Tecmoth4

Respondent : Mother
Index title : Mother’s Religiosity Scales
Location in codebook : Card14, Q29 (IM2-D7,20)
N of cases : 404
N of items : 4
Coding scheme : DM203003-10 (1) Strongly Agree (5) Strongly Disagree

Standardized : Yes
Missing values : 9
Items reverse coded : DM203002

1. Frequencies :

   Items w/> 40% in one category : None
   Items w/> 70% in one category : None

2. Reliabilities :

   Subscales                  Items                        Reliability(Alpha)
   Own Religiosity            DM203002,05-07,10             .7259(.7259)
   Sharing With Family        DM203003,04                  .6465(.6465)
   Grand Parents' Religiosity DM203008,09                  .8207(.8207)

3. Corrected Item Total Correlation < 0.2 :
   None

4. Factor Analysis :

   # of eigenvalue > 1.0 : 3
   Type of Rotation : Oblimin
   Absolute item loading > 0.5 :
   F1 : DM203003,04,06,07
   F2 : DM203008,09
   F3 : DM203002,05,10

5. References :
Author: Wickrama/Lea
Date: 12/21/52
Data file: Tecmoth_wave4

Respondent: Mother
Index title: Mother's Economic Pessimism
Location in codebook: Card 116, Q36 (DM2-DT, 25)
N of cases: 404
N of items: 5
Coding scheme: (1) A very serious problem (4) Not a problem

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales               Items                Reliability(Alpha)
   Economic Pessimism     EM109001-05          .8101(.8171)

3. Corrected Items Total Correlation < 0.2
   Pessimism: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Not Available
   Item Loading > 0.5
   F1: All

5. References
Author: Wickrama/Lee
Data: 12/21/92
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Financial Concern Scale
Location in codebook: Card 116, Q42 (DM2-DT, 27)
N of cases: 404
N of items: 10
Coding scheme: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:
   - Subscales: FINCON
   - Items: DM2050a3, 45-48, 50-54
   - Reliability (Alpha): .9196 (.9200)

3. Corrected Item Total Correlation < 0.2
   - None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute item loading > 0.5
     - FI: All

5. References:
   - Developed by R. Conger for IYFF.
ICWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave 4

Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecmoth4

Respondent: Mother
Index title: Mother’s Job Satisfaction scale
Location in codebook: Card 117, Q55,97 (DM2-DT,33-35)
N of cases: 398
N of items: 34
Coding scheme: DM206028 (1) Very happy (5) Very unhappy
DM206030-62 (1) Strongly agree (5) Strongly disagree
Standardized: No
Missing values: 9
Items reverse coded: DM206033-36, 40, 44, 47, 51, 57, 59, 60

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good Fit</td>
<td>DM206028, 30-36</td>
<td>.8969 (.8981)</td>
</tr>
<tr>
<td>Autonomy</td>
<td>DM206028, 39, 45, 60</td>
<td>.6663 (.6745)</td>
</tr>
<tr>
<td>Rewards</td>
<td>DM206037, 42, 43, 48, 51</td>
<td>.6503 (.6418)</td>
</tr>
<tr>
<td>Security</td>
<td>DM206037, 51</td>
<td>.3837 (.3896)</td>
</tr>
<tr>
<td>Inter-personal Relations</td>
<td>DM206028, 44, 46, 49</td>
<td>.6914 (.6961)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Rewards: DM206051

4. Factor Analysis:
   # of eigenvalue > 1.0: 5
   Type of Rotation: Oblimin
   Absolute Item Loading > 0.5:
   F1: DM206036, 31, 33-36
   F2: DM206040, 44, 47, 51
   F3: DM206037, 42, 43, 48
   F4: DM206038, 43, 45
   F5: DM206041, 49

5. References
   Developed for IYFP from various sources.
Author: Wickrama/Lee
Date: 12/21/92
Data file: Tempmoth4

Respondent: Mother
Index title: Mother's Family-Work Conflict scale
Location in codebook: Card 119, Q73,74 (DM2-DT,43)
N of cases: 404
N of items: 2
Coding scheme: (1) often (4) never
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 75% in one category: None

2. Reliabilities:

   Subscales            Items          Reliability(Alpha)
   Family work conflict DN206093,94 .8419 (.8421)

3. Corrected Item Total Correlation < 0.2
   Family work conflict: None

4. References

   Adapted from Kessler. (Kessler, personal communication, 1989).
ICOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 12/31/92
Data file: Teemothi

Respondent: Mother
Index title: Mother's Negative Attribution (Re. Target)
Location in codebook: Card127 Q7 (DM3-DT,5)
N of Cases: 404
N of Items: 4
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DM301045,54

1. Frequencies:
- Items w/> 80% in one category: None
- Items w/> 70% in one category: None

2. Reliabilities:
- Subscales: Negative Attribution
- Items: DM301045,54,57,59
- Reliability (Alpha): .6531 (.6885)

3. Corrected Item Total Correlation < 0.2:
None

4. Factor Analysis:
- # of eigenvalue > 1.0: 1
- Type of Rotation: Unavailable
- Absolute item loading > 0.5:
  - F1: All

5. References:
Author: Wickrama/Lee
Date: 12/21/92
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Rating of Siblings' Closeness and Conflict
Location in codebook: Card 126, Q1 (DM3-DT,1)
N of cases: 404
N of items: 5
Coding scheme: (1) Often (4) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Close</td>
<td>DM101001, 03, 05</td>
<td>.7967(.7870)</td>
</tr>
<tr>
<td>Conflict</td>
<td>DM101002, 04</td>
<td>.6611(.6662)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Pessimism: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Item Loading > 0.5
   F1: All

5. References

Conger, R.D.
1088 Developed for the IYFP.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report - Wave 4

Author: Wickrams/ Lee
Date: 12/21/92
Data file: Tecnoth4

Respondent: Mother
Index title: Mother's Rating of Target's Neuroticism & Deviant Peers
Location in codebook: Card 127, Q7 (DM3-DA,5)
N of cases: 404
N of items: 20
Coding scheme: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing values: 3
Items reverse coded: DM301030, 33, 37, 40, 43, 45, 54, 57

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:

   Subscales: Items
   Neuroticism DM301028, 30, 33, 36, 40, 43, 46
   Deviant Peers DM301034, 37
   Social Support DM301029, 32, 51, 53
   Conscientiousness DM301031, 39, 50, 56, 44
   Sociable DM301041, 48

   Reliability (Alpha): .8383 (.8492)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 6
   Type of Rotation: Varimax
   Item Loading > 0.5
   F1: DM301028, 30, 33, 36, 38, 40, 42, 43, 46, 47, 49, 52, 55, 58, 60
   F2: DM301035, 45, 56, 57, 59
   F3: DM301044, 53
   F4: DM301041, 48
   F5: DM301034, 37
   F6: DM301039, 50
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/14/93
Data file: Tecmath

Respondent: Mother
Index title: Mother's Democratic Decision Making
Location in codebook: Card102, Q26 (DM1-DT, 17)
N of cases: 404
N of items: 3
Coding scheme: DM103002 (1) Your Wife Always Made Decision
(5) You Always Made Decision
DM103003 (1) Often (5) Never
DM103004 (9) Extremely Unhappy (5) Extremely Happy

Standardized: Yes
Missing values: 9
Items reverse coded: DM103002, 03

1. Frequencies:
   - Items w/>80% in one category: None
   - Items w/>70% in one category: DM103002

2. Reliabilities:
   - Subscales: Democratic Decision
     - Items: DM103002-04
     - Reliability(Alpha): .7142 (.7142)

3. Corrected Item Total Correlation < 0.2:
   - None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute item Loading > 0.5:
     - P1: DM103002-04

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrass/Lee
Date: 03/16/93
Data file: Temoth4

Respondent: Mother
Index title: Mother's Report on Common Friends With Spouse
Location in codebook: Card103, Q18c-e (DM1-DT,26)
N of cases: 404
N of items: 3
Coding scheme: DM104024
(1) None
(5) All
(6) I Have No Close Friends
DM104025,26
(1) He Doesn't (I Don't) Like This Person.
(5) He Likes (I Like) This Person.
(6) He Has (I Have) No Closest Friend.

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:

Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Friends</td>
<td>DM104024-26</td>
<td>.5767(.5891)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:

   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item Loading > 0.5:
   F1: All

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tcsmoth4

Respondent: Mother
Index title: Mother's Relationship/Satisfaction With (G1) Parents

Location in codebook: Card111-112, Q8,17,20,21 (DM2-DT, 10-12)
N of cases: 404
N of items: 6
Coding scheme:
- DM201015,35 (1) Excellent
- DM201051,53 (1) Daily
- DM201061,63 (1) Very Unhappy

Standardized: Yes
Missing values: 9
Items reverse coded: DM201015,35,51,53

1. Frequencies:
- Items w/ 80% in one category: None
- Items w/ 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>With G1 Father</td>
<td>DM201035,51,63</td>
<td>.5447 (.6400)</td>
</tr>
<tr>
<td>With G1 Mother</td>
<td>DM201015,53,63</td>
<td>.5827 (.6438)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
None

4. Factor Analysis:
- # of eigenvalue > 1.0: 2
- Type of Rotation: Oblimin
- Absolute item loading > 0.5:
  - F1: DM201015,35,63
  - F2: DM201051,53

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Date file: Tecmoth

Respondent: Mother
Index title: Mother's Marital Interaction
Location in codebook: Card115, Q31 (DM2-DT, 27)
N of cases: 404
N of items: 10
Coding scheme: DM204001-10 (1) Often (4) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales: Items: Marital Interaction DM204001-10
   Reliability(Alpha): .7298 (.7547)

3. Corrected Item Total Correlation < 0.2:

   DM204009

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DM204001, 03-06
   F2: DM204009
   F3: DM204007, 08, 10

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author : Wickrama/Lee
Date : 4/21/93
Data file : TSMoth4

Respondent : Mother
Index Title : Mother’s Report on Target’s Peer Network
Location in codebook : Card100, Q2la-d (DM1-DT,12)
N of Cases : 404
N of items : 4
Coding scheme : DM102072

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>(0) None</td>
<td>(10) Ten Or More</td>
</tr>
<tr>
<td>DM102073</td>
<td>(1) Less Than Once A Week</td>
</tr>
<tr>
<td>DM102074,75</td>
<td>(4) 5 Or More Times</td>
</tr>
<tr>
<td>(1) Strongly Agree</td>
<td>(5) Strongly Disagree</td>
</tr>
</tbody>
</table>

Standardized : Yes
Missing values : 8,9
Items reverse coded : DM102074

1. Frequencies :
   Items w/> 80% in one category : None
   Items w/> 70% in one category : None

2. Reliabilities :
   Subscales       Items       Reliability(Alphas)
   Friend Network  DM102072-75  .5899 (.5900)

3. Corrected Item Total Correlation < 0.2 :
   None

4. Factor Analysis :
   # of eigenvalue > 1.0 : 1
   Type of Rotation : Unavailable
   Absolute item loading > 0.5 :
   F1 : All

5. References :
   Conger, R. D. Developed for Iowa Youth and Families Project.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 1/21/93
Data file: Tecmonth4

Respondent: Mother
Index title: Mother's Report On Target's Social Adjustment.
Location in codebook: Card100, Q22 (DM1-DT,13)
N of cases: 404
N of items: 4
Coding scheme: DM102076-79 (1) Worse (3) Better

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ 80% in one category: None
   Items w/ 70% in one category: None

2. Reliabilities:

   Subscales | Items               | Reliability[Alpha]
   Social Adjustment | DM102076-79 | .6639 (.6649)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute Item Loading > 0.5:
   FI: All

5. References:
   Congar, R. D. Developed for Iowa Youth and Families Project.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Self-Report on Alcohol Problem

Location in codebook: Card109, Q61 (DM1-DT, 42)
N of cases: 408
N of items: 12
Coding scheme: DM106177-88 (1) Always (5) Never

Standardized: No
Missing values: 8
Items reverse coded: None

1. Frequencies:
   Items w/ > 85% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales          Items                    Reliability (Alpha)
   Alcohol Problem    DM106177-188            .9991 (.9991)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5: TI: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave 4

Author: Wickrama/Lee
Date: 4/21/93
Data File: Tecmoth4

Respondent: Mother
Index title: Mother's Relationship with G1 Mother: Role Models, Independence
Location in codebook: Card111, Q9 (DM2-DT,5)
N of cases: 404
N of items: 8
Coding scheme: DM201016-20 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales  Items          Reliability(Alpha)
   Role Models DM201016,20       .8263(.8240)
   Independence DM201017-19      .7893(.8001)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DM201017-19
   F2: DM201016,20

5. References:
   Conger, R. D. Developed for Iowa Youth and Families Project.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 4/21/93
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Relationship with G1 Father: Role Model, Independence.
Location in codebook: Card III, Q18 (DM2-DT,10)
N of cases: 404
N of items: 4
Coding scheme: DM201036-40 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales   Items   Reliability(Alpha)
   Role Model  DM201036,40  .8450 (.8563)
   Independence DM201037-39  .8370 (.8378)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DM201037-39
   F2: DM201036,30

5. References:
   Conger, R. D. Developed for IOWA Youth and Families Project.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Attitudes On Abortion
Location in codebook: Card114, Q25 (DM2-DT,18)
N of cases: 404
N of items: 9
Coding scheme: DM202022,26
   (1) Definitely Acceptable
   (4) Definitely Unacceptable

Standardized: No
Missing values: 9
Items reverse coded: DM202022,26

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales    Items         Reliability(Alpha)
   Abortion     DM202022-26    .8906(.8905)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Teemothi4

Respondent: Mother
Index title: Mother's Attitudes Toward Pre-Marital Sex
Location in codebook: Card114, Q26 (DM2-DT,19)
N of cases: 404
N of items: 5
Coding scheme: DM202027,31 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DM202031

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Pre-Marital Sex DM202027-31 .8976(.8860)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item Loading > 0.5: F1: All

5. References:
IAWNA YOUTH AND FAMILIES PROJECT  
Preliminary Technical Report

Author: Wickrama/Lee  
Date: 04/21/93  
Data file: Tecmother

Respondent: Mother  
Index title: Mother's Beliefs About Marriage

Location in codebook: Card115, Q12 (DM2-DT,22-23)  
N of cases: 404  
N of items: 31  
Coding scheme: DM204011-41 (1) Strongly Agree (5) Strongly Disagree  
Standardized: No  
Missing values: 9  
Items reverse coded: DM204011,15,24,40

1. Frequencies:

Items w/> 80% in one category: None  
Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfaction</td>
<td>DM204012,16,17,30,31,37</td>
<td>.7530(.7431)</td>
</tr>
<tr>
<td>Divorce</td>
<td>DM204019,32,41</td>
<td>.6911(.6965)</td>
</tr>
<tr>
<td>Hard Life</td>
<td>DM204023,27</td>
<td>.6271(.6280)</td>
</tr>
<tr>
<td>WH Responsibility</td>
<td>DM204033,39,40</td>
<td>.6600(.6387)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:

Satisfaction: DM204017

4. Factor Analysis:

# of eigenvalue > 1.0: 9

Type of Rotation: Varimax  
Absolute item Loading: D.5:

<table>
<thead>
<tr>
<th>F1</th>
<th>DM204012,16,30,31,37</th>
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<th>DM204015,19,25,32</th>
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<tr>
<td>F3</td>
<td>DM204020,21,40</td>
<td>F4</td>
<td>DM204033,19</td>
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<td>F5</td>
<td>DM204011,18,23</td>
<td>F6</td>
<td>DM204022,27</td>
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<td>F7</td>
<td>DM204035,41</td>
<td>F8</td>
<td>DM204026,28,34,38</td>
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<tr>
<td>F9</td>
<td>DM204017,24,29</td>
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</tbody>
</table>

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Concern about Kids' Futures
Location in codebook: Cardits, Q35 (DM2-DT,24)
N of cases: 404
N of items: 4
Coding scheme: DM204048-51 (1) Strongly Agree (4) Disagree

Standardized: No
Missing values: 9
Items reverse coded: DM204048,51

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Concern on Parenting
   Items: DM204048-51
   Reliability(Alpha): .7523(.7565)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
     FI: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/31/93
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's Helping Target Get Skills
Location in codebook: Card127, Q9b (DM3-DT,7)
N of cases: 404
N of items: 9
Coding scheme: DM301074-81

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items: DM301074-81
   Reliability (Alpha): .7617 (.7683)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   P1: DM301076, 78, 81, 82
   P2: DM301075, 80

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: TecMoth

Respondent: Mother
Index title: Mother's Report On Spouse Parenting
Location in codebook: Card129, Q16 (DM3-1T,13)
N of cases: 404
N of items: 9
Coding scheme: DM302023-44 (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DM302028,30

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Affectionate/Loving</td>
<td>DM302023, 24, 26, 27, 31, 34, 37, 38</td>
<td>.8746 (.8773)</td>
</tr>
<tr>
<td>Independence</td>
<td>DM302028, 30, 32, 33, 43</td>
<td>.7547 (.7947)</td>
</tr>
<tr>
<td>Hostility/Coercion</td>
<td>DM302025, 35, 39, 42</td>
<td>.8841 (.4837)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DM302023, 24, 26, 27, 36, 38, 41
   F2: DM302025, 35, 39, 40, 42, 44
   F3: DM302028-30, 33, 34

5. References:
Author: Wickrama/Lee
Date: 04/21/93
Data file: TeckMoth4

Respondent: Mother
Index Title: Mother's Report On Spouse’s Distress and Behavior

Location in codebook: Card129, Q18 (DM3-DT,15)
N of cases: 404
N of items: 41
Coding scheme: DM32054-94 (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DM32072, 75, 79, 81, 94

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items: Reliability(Alpha)
   Em. Distress: DM32055, 58, 65, 66, 75, 77, 79, 81, 86, 88, 94: .9188 (.9210)
   Hardwork: DM32057, 72, 76, 78: .7924 (.7979)
   Considerate: DM32063, 92, 93: .8676 (.8745)
   Financial Conflict: DM32058, 59: .7477 (.7523)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalues > 1.0: 6
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DM32055, 66, 68, 77, 81, 82, 84, 86
   F2: DM32054, 60, 63, 64, 83, 85, 92, 93
   F3: DM32057, 69, 70, 72-74, 76, 78
   F4: DM32067, 71, 75, 79
   F5: DM32056, 58, 59
   F6: DM32089, 90

5. References:
   Developed for Iowa Youth and Families Project from various sources.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrams/Lee
Date: 04/21/93
Data file: Techoth

Respondent: Mother
Index title: Mother's Report On Marriage
Location in codebook: Card: 29, Q19 (DM3-DT, 16)
N of cases: 404
N of items: 20
Coding scheme: DM303001-18 (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DM303001-03, 05, 16

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales             Items                     Reliability(Alpha)
   Social Network Support DM303001, 05, 07        .6283 [.6510]
   Commitment            DM303002, 04, 08, 10, 12, 14, 15  .8591 [.8786]
   Comparison            DM303003, 09, 16        .6387 [.6353]
   Effective Problem Solving DM303013, 18       .7731 [.7779]

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Varimax
   Absolute item loading > 0.5:
   F1: DM303001, 02, 04, 05, 07, 08, 12, 14, 17
   F2: DM303011, 13, 18
   F3: DM303003, 09, 16
   F4: DM303006, 16

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: WiKrama/Lee
Date: 04/21/93
Data file: Tecmoth4

Respondent: Mother
Index title: Mother's CES-D Depression scale
Location in codebook: Card131, Q22 (DM3-DT,23)
N of cases: 404
N of items: 20
Coding scheme: DM303071-90 (1) Less Than 1 Day (4) 5-7 Days

Standardized: No
Missing values: 9
Items reverse coded: DM303074, 78, 82, 86

1. Frequencies:

   Items w/> 80% in one category: DM303079, 85, 89
   Items w/> 70% in one category: DM303072, 73, 80, 87

2. Reliabilities:

   Subscales                Items                Reliability(Alpha)
   CES-D                  DM303071-90         .8630(.8833)

3. Corrected Item Total Correlation < 0.2:

   DM303078

4. Factor Analysis:

   # of eigenvalue > 1.0: 5
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DM303073, 76, 79, 87, 88
   F2: DM303082, 86
   F3: DM303075, 81, 90
   F4: DM303085
   F5: DM303072, 74

5. References:
   for research in general population. Applied Psychological Measurement, 1,
   385-401
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: TechMoth4

Respondent: Mother
Index title: Mother's Report On Last Week's Feelings (CES-D Breakdown)

Location in codebook: Card131, Q22 (EM3-DT,23)
N of cases: 404
N of items: 20

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: IM303079,85,89
   Items w/> 70% in one category: IM303072,73,80,87

2. Reliabilities:

   Subscales       Items               Reliability(Alpha)
   Distressed      IM303075-77,79,80,81,88,90   .8365(.8419)
   Socially Withdrawn IM303083-85,89   .6447(.6768)
   Positive Affect IM303074,78,82,86   .4274(.4767)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 5
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: IM303073,76,79,80,87,88   F2: IM303074,78,82,86
   F3: IM303085,89               F4: IM303072
   F5: IM303091,90

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Techmoth4

Respondent: Mother
Index title: Mother's Report On Parenting

Location in codebook: Card111, Q23 (DM3-DT, 23)
N of cases: 404
N of items: 23
Coding scheme: DM303091-103 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DM303091-97,99-103

1. Frequencies:
- Items w/> 80% in one category: None
- Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Values/Parenting</td>
<td>DM303091,93,97,100</td>
<td>.670 (.6859)</td>
</tr>
<tr>
<td>General Life</td>
<td>DM303092,95,99,102,103</td>
<td>.848 (.8455)</td>
</tr>
<tr>
<td>Attitudes About</td>
<td>DM303094,96,98,101</td>
<td>.620 (.6273)</td>
</tr>
<tr>
<td>Kid's Work</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
None

4. Factor Analysis:

# of eigenvalue > 1.0: 3
Type of Rotation: VARIMAX

Absolute item loading > 0.5:
- F1: DM303092,95,99,102,103
- F2: DM303091,93,97,100
- F3: DM303094,96,98

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/28/95
Data file: TecMoth4

Respondent: Mother
Index title: Mother's Report On Self-Efficacy For Change

Location in codebook: Card131, Q24 (DM1-DT, 24)
N of cases: 404
N of items: 15
Coding scheme: DM304001-15 (1) Not At All Confident
(5) Very Confident
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-Efficacy</td>
<td>DM304001-15</td>
<td>.9398 (.9420)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
None

4. Factor Analysis:
# of eigenvalue > 1.0: 3
Type of Rotation: Oblimin
Absolute item loading > 0.5:
F1: DM304009-15
F2: DM304003-05
F3: DM304001, 06-08

5. References:
**IOWA YOUTH AND FAMILIES PROJECT**  
**Preliminary Technical Report - Wave4**

**Author:** Wickrama/Lee  
**Date:** 4/21/93  
**Data file:** Tecmoth4

**Respondent:** Mother  
**Index title:** Mother's Reaction to Family Problem Task  
**Location in codebook:** Card 055, Q1-6 (DFPQ-DA,15)  
**N of cases:** 404  
**N of items:** 6

**Coding scheme:**  
- Q1 (1) Not At All Well  
- Q2 (1) Very Easy  
- Q3 (1) Very Upset  
- Q4 (1) Definitely Not  
- Q5 (1) Very Unsure  
- Q6 (1) Not At All Important  
- (5) Very Well  
- (5) Almost Impossible  
- (5) Very Comfortable  
- (5) Yes, Definitely  
- (5) Very Sure  
- (5) Very Important

**Standardized:** No  
**Missing values:** 9  
**Items reverse coded:** DMJ06002

1. **Frequencies:**  
   - Items w/ 80% in one category: None  
   - Items w/ 70% in one category: None

2. **Reliabilities:**  
   - Subscales:  
     - Hard to Solve the Conflict: DMJ06002-05  
     - Reliability(Alpha): .7695 (.7680)

3. **Corrected Item Total Correlation < 0.2**  
   - None

4. **Factor Analysis:**  
   - # of eigenvalue > 1.0: 1  
   - Type of Rotation: Unavailable  
   - Absolute item loading > 0.5  
   - P1: All

5. **References**  
   - Developed by R. Conger for IYFP.
Author : Wickrama/Lee
Date : 12/21/92
Data file : Tecn moth 4

Respondent : Mother
Index title : Mother's Rating of Siblings' Closeness and Conflict
Location in codebook : Card 136, Q1 (DM3-OT,1)
N of cases : 404
N of items : 5
Coding scheme : (1) Often (4) Never

Standardized : No
Missing values : 9
Items reverse coded : All

1. Frequencies :
   Items w/ > 80% in one category : None
   Items w/ > 70% in one category : None

2. Reliabilities :
   Subscales Items Reliability(Alpha)
   Close DM301001, 03, 05 .7967(.7970)
   Conflict DM701002, 04 .6611(.6662)

3. Corrected Item Total Correlation < 0.2
   Pessimism : None

4. Factor Analysis :
   # of eigenvalue > 1.0 : 1
   Type of Rotation : Unavailable
   Item Loading > 0.5
   F1 : All

5. References

   Conger, R. D.
   1986 Developed for the IYFT.
ICOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave4

Author: Wickrama/LES
Date: 12/28/92

Data file: Tectarg4
Respondent: Target
Index title: Hirsch's Social Support Scale for Target
Location in codebook: Card 131, Q2 (DT1-DA,1)
N of cases: 604
N of items: 11
Coding scheme: (1) Definitely True (4) Definitely False

Standardized: No
Missing values: 9
Items reverse coded: DT101003, 04, 09, 11, 12

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DT101012

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friends Social Support</td>
<td>DT101003, 04, 12</td>
<td>0.5010 (.6322)</td>
</tr>
<tr>
<td>Social Isolation</td>
<td>DT101005-07</td>
<td>0.6311 (.6353)</td>
</tr>
<tr>
<td>Emotional Closeness</td>
<td>DT101009, 11, 13</td>
<td>0.7082 (.7189)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Friends Social Support: None
   Social Isolation: None
   Emotional Closeness: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DT101005, 07
   F2: DT101009, 11, 13
   F3: DT101003, 04

5. References:
**IOWA YOUTH AND FAMILIES PROJECT**

Preliminary Technical Report - Wave 6

Author: Wickrama/LEE
Date: 01/04/93

**Index Title**: Target’s Report on Anti-Social/ Delinquent Behavior
Location in codebook: Code 140, Q5E (DT1-DA,32,33)
N of cases: 464
N of items: 23
Coding scheme: (1) Never (5) 6 or More Times
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   - Items w/> 80% in one category: DT106001,03,05-24,26,27
   - Items w/> 70% in one category: DT106002,25

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-Social Behavior</td>
<td>DT106001-27</td>
<td>.8073 (.8236)</td>
</tr>
<tr>
<td>-Status</td>
<td>DT106001,05</td>
<td>.1604 (.2765)</td>
</tr>
<tr>
<td>-Theft</td>
<td>DT106002,03,10,16,21</td>
<td>.3439 (.4446)</td>
</tr>
<tr>
<td>-Traffic Violation</td>
<td>DT106012,26,27</td>
<td>.2422 (.2900)</td>
</tr>
<tr>
<td>-Vandalism</td>
<td>DT106014,24</td>
<td>.7262 (.3739)</td>
</tr>
<tr>
<td>-Official Reaction</td>
<td>DT106008,09,23</td>
<td>.3550 (.3957)</td>
</tr>
<tr>
<td>-Misdemeanor</td>
<td>DT106013,17,25</td>
<td>.3662 (.3130)</td>
</tr>
<tr>
<td>-Violence</td>
<td>DT106007,19,20</td>
<td>.3469 (.4414)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   - Theft: DT106016,21
   - Traffic Violation: All
   - Vandalism: All
   - Misdemeanor: DT106017
   - Violence: DT106020

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Varimax
   Absolute item loading > 0.6
   F1: DT106001,03,08-11,15-17,19-24,26-27
   F2: DT106004,05,06,12,13
   F3: DT106002,03,14,15,17,25

5. References
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama /Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Friends' Response to Conventional Activities
Location in codebook: Card 132, Q7 (DT1-DA,3)
N of cases: 404
N of items: 7
Coding scheme: (1) Not cool (3) Cool

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DT101022
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Conventional Act DT101021 to DT101027
   Reliability(Alpha) .8063 (.8041)

3. Corrected Item Total Correlation < 0.2:
   Satisfaction: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT101022,25-27
   F2: DT101021,23,24

5. References:
   Get from Ron Simons.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Target4

Respondent: Target
Index title: Friends' Deviant Behavior
Location in codebook: Card 132, Q8 (DT1-DA,4)
N of cases: 404
N of items: 17
Coding scheme: (1) None of Them. (5) All of Them.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:

   Items w/> 80% in one category: DT101028,32,35,36,39-42,44
   Items w/> 70% in one category: DT101033

2. Reliabilities:

   Subscales Items DT101028 to DT101044 Reliability(Alpha)
   Deviant DT101028 .0593(.8792)

3. Corrected Item Total Correlation < 0.2:

   Deviant: None

4. Factor Analysis:

   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT101029,37,38,43
   F2: DT101035,36,40,41
   F3: DT101028,42,44
   F4: DT101031,32

5. References:

   A modified version of one developed by:
   Explaining Delinquency and Drug Use. Beverly Hills, CA; Sage
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data Tile: Tectarg4

Respondent: Target
Index title: Target's Closeness to Friends / Anti-social Friends
Location in codebook: Card 132, Q9 (DT1-DA,5)
N of cases: 404
N of items: 10
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.

Standardized: No
Missing values: 9
Items reverse coded: DT101045-51,53,54

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DT101046

2. Reliabilities:
   Subscales         Items       Reliability(Alpha)
   Closeness to Friends    DT101045-47,49,62  .7569 (.7594)
   Anti-social Friends     DT101048,50,51,53,54  .7286 (.7327)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DT101045,50-54
   F2: DT101045-47,49

5. References:
   Constructed for the IYFP from diverse sources by R. Conger
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Closeness to Mother
Location in codebook: Card 133, 012 (DT1-DA, 7)
N of cases: 404
N of items: 11
Coding scheme: (1) Always. (5) Never.

Standardized: No
Missing values: 9
Items reverse coded: DT102003-05, 08, 11

1. Frequencies:
   Items w/ > 90% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales: Closeness
   Items: DT102C01-11
   Reliability (Alpha): 9015 (.9025)

3. Corrected Item Total Correlation < 0.2:
   None

4. References:
   This scale was adapted from items developed by Kessler and his
   colleagues that were designed to tap the positive and negative
   characteristics of social interactions (Kessler, Personal communication, 1989). They also derive in part from Rook's (1984) work on the
   problematic aspects of social interaction.
1. Frequencies:
   - Items w/ > 80% in one category: None
   - Items w/ > 70% in one category: None

2. Reliabilities:
   - Subscales: Closeness
   - Items: DT102012-14
   - Reliability (α): 0.7154 (0.7737)

3. Corrected Item Total Correlation < 0.2:
   - None

4. References:
   - Developed by R. Conger for the IYFP from diverse sources
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report on Mother's Behavior
Location in codebook: Card 133, Q14 (DT1-DA, 8-9)
N of cases: 404
N of items: 24
Coding scale: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: DT102030
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Hostility/Coercion DT102015, 19-23, 29-33 .9245 (.9167)
   DT102017, 35-37 .9342 (.9267)
   Warmth/Support DT102016-18, 24-26, 28, 34, 38
   DT102016-18, 24-26, 28, 34, 38

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigen value > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item loadings > 0.5:
   F2: DT102016-18, 24-26, 28, 34, 38
   F1: DT102015, 19-23, 29, 31, 33
   F3: DT102010, 35-37
   F4: None

4. References:
   Developed by R. Conger for the IYFP from diverse sources
**IOWA YOUTH AND FAMILIES PROJECT**

**Preliminary Technical Report**

**Author:** Wickrama/Lee  
**Date:** 01/14/93  
**Data file:** Tectarg4

**Respondent:** Target  
**Index title:** Target's Report on Mother's Problem Solving  
**Location in codebook:** Card 133, Q15 (DT1-DA,9)  
**N of cases:** 404  
**N of items:** 17  
**Coding scheme:** (1) Always  
(7) Never

**Standardized:** No  
**Missing values:** 9  
**Items reverse coded:** All

1. **Frequencies:**
   - Items w/ > 80% in one category: None
   - Items w/ > 70% in one category: None

2. **Reliabilities:**

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective</td>
<td>DT102039,40,42,43,46,47,54</td>
<td>.9105(.9144)</td>
</tr>
<tr>
<td>Effective(Old)</td>
<td>DT102039,42,43,46,47,54</td>
<td>.9108(.9124)</td>
</tr>
<tr>
<td>Destructive</td>
<td>DT102041,44,45,48-53</td>
<td>.7933(.8182)</td>
</tr>
<tr>
<td>Destructive(Old)</td>
<td>DT102041,44,45,48,49,51-53</td>
<td>.9064(.9061)</td>
</tr>
</tbody>
</table>

3. **Corrected Item Total Correlation < 0.2:**
   - None

4. **Factor Analysis:**
   - # of eigen value > 1.0: 2
   - Type of Rotation: Oblimin
   - Absolute item loadings > 0.5:
     - F1: DT102039,40,42,43,46,47,50,54  
     - F2: DT102041,44,45,48,49,51-53

4. **References:**
   - Developed by R.Conger for the IYFP.
Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report of Mother's Childrearing Practices
Location in codebook: Card 134, Q16 (DT1-DA,10-11)
N of cases: 404
N of items: 27
Coding scheme: (1) Always (5) Never

Standardized: No
Missing values: 9
Items reverse coded: DT102055-59, 60, 61, 63-65, 67-71, 74-81

1. Frequencies:
   Items w/ 80% in one category: DT102068-70
   Items w/ 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitor</td>
<td>DT102055-57, 59</td>
<td>.7273 (.7486)</td>
</tr>
<tr>
<td>Probsolve</td>
<td>DT102072-74</td>
<td>.6915 (.7039)</td>
</tr>
<tr>
<td>Discipline</td>
<td>DT102061-65, 67-71</td>
<td>.5613 (.6136)</td>
</tr>
<tr>
<td>.Inconsistent</td>
<td>DT102061-65, 71</td>
<td>.4708 (.4772)</td>
</tr>
<tr>
<td>.Harsh</td>
<td>DT102067-70</td>
<td>.5176 (.6653)</td>
</tr>
<tr>
<td>Communication</td>
<td>DT102072-74</td>
<td>.6915 (.7039)</td>
</tr>
<tr>
<td>Induction</td>
<td>DT102077-80</td>
<td>.8623 (.8636)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   Discipline: DT102062
   Inconsistent: DT102062, 71
   Communication: DT102082

4. Factor Analysis:
   # of eigen value > 1.0: 7
   Type of Rotation: Oblimin
   Absolute item loadings > 0.5:
   F1: DT102074, 76-80
   F2: DT102062, 66
   F3: DT102068, 70
   F4: DT102065, 67, 72, 73

5. References:
   Adapted from Thornberry et al. (1989).
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report of Mother's Rejection and Identification
Location in codebook: Card 114, Q17 (DT1-DA,11)
N of cases: 404
N of items: 9
Coding schema: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: DT102084-86, DT102088-91

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales          Items                  Reliability(Alpha)
   Rejection          DT102083,85,87,89,91    .9086(.8110)
   Identification     DT102084,86,88,90    .8322(.8400)

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Not available
   Absolute item loadings > 0.5: All

5. References:
   (1) Parental Rejection Scale developed by the Behavioral Research and
   Evaluation Corporation (BREC) for the Office of Youth Development (OYD)
   studies funded by the Department of Health, Education and Welfare Sec:
   T. Brennen (1974). Evaluation and Validation Regarding the National
   Strategy for Youth Development. Boulder, CO: Behavior Research
   Evaluation Corporation.
   Boulder, CO Center for Action Research.
   (2) Identification items developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickram/Lee
Date: 01/14/93
Data file: Testarg4

Respondent: Target
Index title: Target’s Closeness to Dad Scale
Location in codebook: Card 135, Q23 (DT1-DA,14)
N of cases: 404
N of items: 11
Coding scheme: (1) Always (5) Never

Standardized: No
Missing values: 9
Items reverse coded: DT103003-05,08,11

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closeness</td>
<td>DT103003-11</td>
<td>.9072 (.9081)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. References:

   This scale was adapted from items developed by Kessler and his colleagues that were designed to tap the positive and negative characteristics of social interactions. (Kessler, Personal communication, 1999). They also derive in part from Rook’s (1984) work on the problematic aspects of social interaction.

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Relationship Quality with Dad
Location in codebook: Card 135, Q1AR-C (DT1-DA,14-15)
N of cases: 404
K of items: 3
Coding scheme:
- DT103012 (1) Very Satisfied
- DT103013 (1) Very Happy
- DT103014 (1) A lot
(4) Very Unsatisfied
(4) Very Unhappy
(4) Not at all

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 50% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relation</td>
<td>DT103012-14</td>
<td>.8201 (.8341)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. References:
   Developed for the YIFP from diverse sources by R. Conger.
Iowa Youth and Families Project
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecarg4

Respondent: Target
Index title: Target's Report on Father's Emotional Affect
Location in codebook: Card 135, Q25 (D11-DA15)
N of cases: 404
N of items: 24
Coding scheme: (1) Always (7) Never
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: DT103010, 32, 37
   Items w/ > 70% in one category: DT103036

2. Reliabilities:

   Subscales                                      Reliability (Alpha)
   Hostility/Coercion                             .9190 (.9212)
   Warmth/Support                                .9252 (.9292)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DT103033, 19-23, 27, 29, 31
   F2: DT100016-18, 24-26, 28, 34, 38
   F3: DT103010, 35-37
   F4: DT103032

5. References:

   Created for the YIFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Problem Solving of Father
Location in codebook: Card 135, Q26 (DT1-Dk,16)
N of cases: 404
N of items: 16
Coding scheme: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales           Items                     Reliability(Alpha)
   Effective          DT103039, 40, 42, 43, 46, 47, 54          .9350 (.9351)
   Effective(Old)     DT103039, 42, 43, 46, 47, 54          .9174 (.9177)
   Destructive       DT103041, 44, 45, 48-53          .7928 (.8163)
   Destructive(Old)  DT103041, 44, 45, 48, 49, 51-53 .9009 (.9032)

3. Corrected Item Total correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loadings > .5:
   F1: DT103039, 40, 42, 43, 46, 47, 50, 54
   F2: DT103041, 44, 45, 48, 49, 51-53

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tactarg4

Respondent: Target
Index title: Target's Childrearing Practices of Father
Location in codebook: Card 136, Q27 (DT1-DA17-18)
N of cases: 404
N of items: 28
Coding scheme: (1) Always (5) Never

Standardized: No
Missing values: 9
Items reverse coded: DT103055-59, 61, 63-65, 67-71, 74-81

1. Frequencies:
   Items w/> 80% in one category: DT103068-70
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitor</td>
<td>DT103055-60</td>
<td>0.7789 (.7831)</td>
</tr>
<tr>
<td>Discipline</td>
<td>DT103061-71</td>
<td>0.4624 (.5521)</td>
</tr>
<tr>
<td>Inconsistency</td>
<td>DT103061-66,71</td>
<td>0.3736 (.3789)</td>
</tr>
<tr>
<td>.Harsh</td>
<td>DT103067-70</td>
<td>0.5894 (.7133)</td>
</tr>
<tr>
<td>Communication</td>
<td>DT103072-74</td>
<td>0.6548 (.6652)</td>
</tr>
<tr>
<td>Induction</td>
<td>DT103077-80</td>
<td>0.8723 (.8736)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   Discipline: DT103062,66
   Inconsistency: DT103062,65-66,71

4. Factor Analysis:
   # of eigenvalue > 1.0: 6
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DT103075,82
   F2: DT103064,63,66,71-73
   F3: DT103061-63,66
   F4: DT103068-70
   F5: DT103074,76-80
   F6: None

5. References: Developed by R. Conger for IVFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: faactary4
Respondent: Target
Index title: Target’s Report of Father’s Rejection and Identification
Location in codebook: Card 136, Q28 (DS1-00A,18)
N of cases: 404
N of items: 9
Coding scheme: (1) Strongly agree. (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DT103084-86,88-91

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales
<table>
<thead>
<tr>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rejection</td>
<td>DT103083,85,87,89,91</td>
</tr>
<tr>
<td>Identification</td>
<td>DT103084,86,88,90</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute Items loadings > .5:
   F1: DT103084,86-88,90
   F2: DT103085,89,91

5. References:
(1) Parental Rejection Scale developed by the Behavioral Research and Evaluation Corporation (BREC) for the Office of Youth Development (OYD) studies funded by the Department of Health, Education and Welfare. See:
(2) Identification items developed for study by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Economic Problems and Martial Unhappiness
Location in codebook: Card 137, Q34-42 (DT1-DA, 21-24)
N of cases: 404
N of items: 12
Coding scheme: DT104003

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT104004</td>
<td>Very upset or worried.</td>
</tr>
<tr>
<td>DT104017,18</td>
<td>Very happy</td>
</tr>
<tr>
<td>DT104005,10,11,12</td>
<td>Always</td>
</tr>
<tr>
<td>DT104001</td>
<td>Less money than most families.</td>
</tr>
<tr>
<td>DT104002</td>
<td>Went up a lot.</td>
</tr>
</tbody>
</table>

Standardized: Yes
Missing values: 9
Items reverse coded: DT104003, 04, 05, 12, 19

1. Frequencies:
   - Items w/ > 80% in one category: None
   - Items w/ > 70% in one category: DT104001

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family Financial Conflict</td>
<td>DT104005,12</td>
<td>.6014 (.6021)</td>
</tr>
<tr>
<td>Martial Unhappiness</td>
<td>DT104017-20</td>
<td>.8188 (.8244)</td>
</tr>
<tr>
<td>Economic Problems</td>
<td>DT104001-10,11</td>
<td>.6800 (.6784)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   - None

4. References:

   R. Conger (1988). Developed for the IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Mastery and Self-Esteem
Location in codebook: Card 138, Q48 (DT1-DA,26)
N of cases: 404
N of items: 17
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT105004,06,08,09,11,13,14

1. Frequencies:
   Items w/> 88% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales   Items         Reliability(Alpha)
   Mastery     DT105001-07   .7774(.7738)
   Self-Esteem DT105008-17   .8914(.9000)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DT105004,06,08-13,13
   F2: DT105002,09,11-17
   F3: DT105001,03,07

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tectarg4

Respondent: Target
Index title: Mirowsky and Ross Control scale
Location in codebook: Card138, Q48 (DT1-DA,26)
N of cases: 426
N of items: 8
Coding scheme: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: DT105018-20

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales          Items                    Reliability(Alpha)
   Control           DT105001,18-24             .7674(.7754)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DT105001,21-24
   F2: DT105018-20

5. References:
   Explaining the social patterns of depression.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Antisocial Behavior (SELF)
Location in codebook: Card 138, Q49 (DT1-DA,27)
N of cases: 404
N of items: 9
Coding scheme: (1) Not at all. (5) Exactly.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antisocial Behavior</td>
<td>DT105025-33</td>
<td>.8503(.8503)</td>
</tr>
<tr>
<td>Old Scale</td>
<td>DT105025-31</td>
<td>.8542(.8572)</td>
</tr>
</tbody>
</table>

3. Corrected item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblim
   Absolute Item loadings > .5:
   F1: DT105025-31
   F2: DT105032,33

5. References:
   Adapted from Buss, A. and Durkee, A. (1957).
   An inventory for assessing different kinds of hostility, Journal of
   Consulting Psychology, 21:343-349.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report-Wave4

Author: Wickrama
Date: 03/18/93
Data file: Target4

Respondent: Target
Index title: Target's SCL-90-R Somatization & Depression
Location in codebook: Card139, Q55 (DT1-DA, 30)
N of cases: 404
N of items: 24
Coding scheme: (1) Not At All (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: DT105064, 66, 68, 87, 91
   Items w/ > 70% in one category: DT105061, 81, 88, 102

2. Reliabilities:
   Subscales
   Items
   Reliability(Alpha)
   Somatization
   DT105069, 61, 64, 74, 81, 82, 84, 87, 89, 91
   .8431 (.8540)
   Depression
   DT105065, 66, 69, 70, 73, 75-78, 88, 98, 102
   .9066 (.9100)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DT105066, 69, 70, 72, 75-78, 88, 102
   F2: DT105061, 64, 85-87, 91, 89
   F3: DT105074, 82
   F4: None

5. References:
   dimensional structure of the SCL-90-R: A study in construct validation.
T24

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tectargi

Respondent: Target
Index title: Target's SCL-90-R Anxiety
Location in codebook: Card139, Q55 (DTP-DA,30)
N of cases: 404
N of items: 10
Coding scheme: (1) Not At All (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ 80% in one category: DT105067,71,99,10/91
   Items w/ 70% in one category: DT105079,80,103

2. Reliabilities:
   Subscales
   Anxiety: DT105060,67,71,79,80,90,99,100,103,105
   Reliability(Alpha) .8982(.9089)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: tectarg4

Respondent: Target
Index title: Target's SCL-90-R Hostility
Location in codebook: Card139, Q55 (DT1-QA,30)
N of cases: 404
N of items: 6
Coding scheme: (1) Not At All (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: DT105072,94,97,104

2. Reliabilities:

   Subscales Items             Reliability (Alpha)
   Hostility DT105063,72,94,97,100,104 .8701(.8755)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   FI: All

5. References:


   dimensional structure of the SCL-90-R: A study in construct validation.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tectarg4

Respondent: Target
Index title: Target's SCL-90-R Additional Symptom
Location in codebook: Card139, G55 (DT1-DA,30)
N of cases: 404
N of items: 7
Coding scheme: (1) Not At All (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   - Items w/> 80% in one category: DT105062,92
   - Items w/> 70% in one category: DT105080,93,95

2. Reliabilities:
   - Subscales
     - Additional Symptoms: DT105062,80,83,92,93,95,96
       Reliability(Alpha): .7802 (.7859)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Oblimin
   - Absolute item Loading > 0.5: All

5. References:

   dimensional structure of the SCL-90-R: A study in construct validation.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Delinquency Scale.
Location in codebook: Card 140, Q56 (DT1-DA, 32)
N of cases: 404
N of items: 27
Coding scheme: (1) Never, (5) 6 or more times.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DT106001, 03, 05-24, 26, 27
   Items w/> 70% in one category: DT106002, 25

2. Reliabilities:
   Subscales: Delinquency
   Items: DT106001-27
   Old Scale with 23 Items
   Reliability (Alpha): .867(.8236), .7729(.7906)

3. Corrected Item Total Correlation < 0.2:
   Delinquency: DT106001, 08, 20-22, 24, 26, 27

4. Factor Analysis:
   # of eigenvalue > 1.0: 6
   Type of Rotation: Oblimin
   Absolute item loadings > .5:
   F1: DT106008-10, 20, 21, 24, 26
   F2: DT106004-06, 12, 13, 18, 25
   F3: DT106003, 25, 17
   F4: DT106016, 19, 22
   F5: DT106001, 07
   F6: DT106023, 27
   *DT106002 was excluded from this analysis because of zero variance.

5. References:
   Adapted from Elliot and Huizinga for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Substance Use Scale.
Location in codebook: Card 143, Q57 (DT1-DA, 33)
N of cases: 404
N of items: 13
Coding scheme: (1) Never. (6) 3 Or More Times

Standardized: No
Missing values: 9
Items reverse coded: DT106028-40

1. Frequencies:
   Items w/ > 80% in one category: DT106029, 33-40
   Items w/ > 70% in one category: DT106028

2. Reliabilities:
   Items
   Subscales
   Substance
   DT106028-40
   Reliability(Alpha) .7538(.7286)

3. Corrected Item Total Correlation < 0.2:
   Substance: DT106035, 36,40

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DT106033-40
   F2: DT106028-32

   DT106037, 39 were excluded from this analysis because they
   have zero variances.

5. References:

Developed by Dr. R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT  
Preliminary Technical Report  

Author: Wickrama/Lee  
Date: 01/14/93  
Data file: Tectarg4  

Respondent: Target  
Index title: Target's Substance Use Problems  
Location in codebook: Card 140, QS8 (DT1-DA,34)  
N of cases: 404  
N of items: 11  
Coding scheme: (1) Never. (4) 4 or More times.  
Standardized: No  
Missing values: 9  
Items reverse coded: None  

1. Frequencies:  
Items w/ > 80% in one category: None  
Items w/ > 70% in one category: DT106042  

2. Reliabilities:  
Subscales Items Reliability(Alpha)  
Total Problems DT106041-51 .9512(.9661)  
Behavior Problems DT106041-46 .9024(.9177)  
Social Reaction DT106047-50 .8508(.9575)  

3. Corrected Item Total Correlation < .2:  
Total Problem: None  
Social Reaction: None  

4. Factor Analysis:  
# of eigenvalue > 1.0: 1  
Type of Rotation: Unavailable  
Absolute Item Loadings > .5:  
P1: All  

5. References:  
Developed for the IYFP from diverse sources.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Additional NEO Scales
Location in codebook: Card150, QS2 (DT2-DA, 33)
N of cases: 404
N of items: 37
Coding scheme: DT206001-37 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT206001, 03, 07, 14, 17, 21-23, 26, 29, 31, 34, 36

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: DT206036

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gregariousness</td>
<td>DT206001-03, 05, 07, 14, 17</td>
<td>.7733 (.7766)</td>
</tr>
<tr>
<td>Values</td>
<td>DT206020, 21, 23, 26, 29, 31, 34, 36</td>
<td>.8898 (.6014)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   Values: DT206020, 21, 23, 26, 29, 34

4. Factor Analysis:
   # of eigenvalue > 1.0: 5
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DT206001-03, 07, 14
   F2: DT206021, 26, 31
   F3: DT206029, 34, 36
   F4: DT206023
   F5: DT206005

5. References:
   Costa, P.T. and McCrae, R.R. (1985)
   The NEO Personality Inventory Manual. Odessa, FL: Psychological Assessment Resources, Inc.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Positive Affect Subscale, Mental Health Inventory
Location in codebook: card 142, Q60 (DT1-DA,39)
N of cases: 404.
N of items: 6
Coding scheme: (1) All of the time (6) None of the time

Standardized: No
Missing values: 9
Items reverse coded: DT107057-62

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales
   Positive effect
   Items: DT107057-62
   Reliability(Alpha) .9007(.9063)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Not available
   Absolute Item loadings > .5:
   All

5. References:
   These 6 items were selected from the 11 items General Positive Affect scale from Mental Health Inventory:
   Veit, C.T. and Ware, Jr., J.E. (1983)
   The structure of psychological distress and well-being in general populations. Journal of Consulting and Clinical Psychology.
T41

Wave 4

IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Thornberry conventional Values of Friends
Location in codebook: Card 143, Q1 (DT2-DA,1)
N of cases: 404
N of items: 17
Coding scheme: (1) Extremely Important. (5) Not at all important.

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales Items Reliability(Alpha)
   Friend DT201001-17 .8754(.8745)

3. Corrected Total Correlation < 0.2:
   Friend: DT201003

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DT201011-14,17
   F2: DT201003-05
   F3: DT201001,06-09

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tsectarg4

Respondent: Target
Index Title: Target's Conventional Values (SELF)
Location in codebook: Card 141, Q2 (DT2-DA,1-2)
N of cases: 404
N of items: 25
Coding scheme: (1) Extremely Important. (5) Not at all Important.

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                      Items     Reliability(Alpha)
   conventional                  DT201018-22,24-26,28,30,32-35,37,41  .865 (.8715)

3. Corrected Item Total Correlation < .67:
   None

4. Factor Analysis:
   
   # of eigenvalue > 1.0: 6
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DT201030,32,33,36
   F2: DT201036-40
   F3: DT201032,24,34
   F4: DT201029,41,42
   F5: DT201029-37
   F6: DT201018-21

5. References:

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4
Respondent: Target
Index title: Target's Activity Scale.
Location in codebook: Card 145, Q12 (DT2-DA, 11)
N of cases: 40%
N of items: 8
Coding scheme: (1) Worse Than Most Kids. (3) Better Than Most Kids.
Standardized: No
Missing values: 9
Items reverse coded: None.

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales                        Items               Reliability(Alpha)
   New Scale                        DT203026-33         .5555 (.5539)
   Old Scale                        DT203026-31         .4472 (.4446)

3. Corrected Item Total Correlation < .2:
   DT203027, 29

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DT203028, 31-12
   F2: DT203029
   F3: DT203026, 30

5. References:

   Developed by Dr. R. Conner for IYFF.
# IOWA YOUTH AND FAMILIES PROJECT

**Preliminary Technical Report**

**Author**: Wickrama/Lee  
**Date**: 01/14/93  
**Data file**: Tectarg4

**Respondent**: Target  
**Index title**: Target's School Problem Index (Achievement, Attendance)  
**Location in codebook**: Card 146, Q15-19 (DT2-DA,13-15)  
**N of cases**: 404  
**N of items**: 5

**Coding scheme**:  
- DT204001 (00) F (11) A  
- DT204002 (1) Yes (2) No  
- DT204009 Code number of days of missing school  
- DT204010 (1) Often (5) Never  
- DT204011 (1) very behind and hard to catch up (5) Ahead of most classmates

**Standardized**: Yes  
**Missing values**: 9  
**Items reverse coded**: DT204001,02,10,11

1. **Frequencies**:  
   - Items w/> 80% in one category: DT204010  
   - Items w/> 70% in one category: DT204002

2. **Reliabilities**:  
<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achievement</td>
<td>DT204001,02,11</td>
<td>.7360 (.7356)</td>
</tr>
<tr>
<td>Attendance</td>
<td>DT204009,10</td>
<td>.2056 (.2139)</td>
</tr>
</tbody>
</table>

3. **Corrected Item Total Correlation < 0.2**:  
   - Attendance: DT204009,10

4. **Factor Analysis**
   - # of eigenvalue > 1.0 : 1  
   - Type of Rotation: Unavailable  
   - Absolute Item loadings > .5:  
     - F1: DS204001,02,11

5. **References**:  
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrath/Lee
Date: 01/14/93
Data file: Testarg4

Respondent: Target
Index title: Target's Commitment To School
Location in codebook: Card 146, Q20 (DT2-DA,15-16)
N of cases: 404
N of items: 16
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT204012,17-26

1. Frequencies:
Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:
Subscales
Commitment: DT204012-27

<table>
<thead>
<tr>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT204012-27</td>
<td>.9024(.9055)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
None

4. Factor Analysis:

# of eigenvalue > 1.0: 3
Type of Rotation: Oblimin
Absolute Item loadings > .5:
F1: DT204014,21,23-26
F2: DT204012,13,19,16
F3: DT204020,32,27

5. References:
Developed by R. Conger for IVFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg

Respondent: Target
Index title: Target's Subterranean Values
Location in codebook: Card 143, Q3 (TD2-DA, 2-3)
N of cases: 404
N of items: 21
Coding scheme: (1) Not wrong at all (4) Very wrong

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:

Items w/> 80% in one category: DT201047, 48, 50
Items w/> 70% in one category: DT201044, 49, 52, 60

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alphas)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Scale</td>
<td>DT201043-63</td>
<td>.9105 (.9214)</td>
</tr>
<tr>
<td>Old Scale1</td>
<td>DT201043-59</td>
<td>.9015 (.9071)</td>
</tr>
<tr>
<td>Old Scale2</td>
<td>DT201043-57</td>
<td>.8983 (.9037)</td>
</tr>
<tr>
<td>Old Scale3</td>
<td>DT201043-52</td>
<td>.8375 (.8561)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:

# of eigenvalue > 1.0: 4
Type of Rotation: Chlmin
Absolute Item loadings > .5:
F1: DT201046, 49, 51, 52, 54-56
F2: DT201047, 48, 50
F3: DT201059, 60
F4: DT201043, 53, 57, 98, 62

5. References:

Developed by R. Conger for IYFP.
T48

Wave 4

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report On Elder's School Problem Scale
Location in codebook: Card 147, Q23 (DT2-DA, 17)
N of cases: 404
N of items: 14
Coding scheme: (1) A Very Serious Problem. (4) No Problem at all.
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales                  Items                  Reliability (Alpha)
   School Problem             DT204035-48            .8648 (.8662)
   Old Scale                  DT204035-45            .8261 (.8258)

3. Corrected Item Total Correlation < 0.2; None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item loadings > .5:
   F1: DT204043-45
   F2: DT204035, 38, 39, 41, 42
   F3: DT204046-48
   F4: DT204036-37, 43

5. References: Glen Elder
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Target4

Respondent: Target
Index Title: Target's Negative Peer Pressure Scale
Location in codebook: Card147, Q25 (DT2-DA,19)
N of cases: 404
N of items: 9
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT204066,70,71

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales        Items                        Reliability(Alpha)
   Peer Pressure    DT204064-72                  .8774(.8786)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DT204064, 65, 67-69, 72
   F2: DT204066, 70, 71

5. References:
   Developed for IYFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/95
Data file: Testarg4

Respondent: Target
Index title: Target's School Perceptions.
Location in codebook: Card 147, Q26 (DT2-DA, 19)
N of cases: 404
N of items: 17
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

3. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DT204074-75, 78-81 - Committed School Staff
   F2: DT204077, 86, 88 - Access to Substances
   F3: DT204076, 85 - Threatening School Environment
   F4: DT204075, 82 - Community Participation, Pride

4. References:

Developed by Dr. R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target’s closeness to sibling.
Location in codebook: Card 155, Q1 (DT3-DA,1)
N of cases: 404
N of items: 6
Coding scheme: (1) Often, (4) Never.
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales
   Closeness
   DT101001-06
   Reliability (Alpha): .7168 (.7211)

3. Corrected item total correlation < 0.2: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loadings > .5:
   F1: DT101001,04,05
   F2: DT501001,02,06

5. References:
   See Father’s marital closeness scale.
Iowa Youth and Families Project
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Teclarg4

Respondent: Target
Index title: Target's Relationship with Sibling.
Location in codebook: Card 156, Q2A-C (DT3-DA, 1-2)
N of cases: 404
N of items: 3
Coding scheme:
- Q2A: (1) Very Satisfied.
- Q2B: (1) Very Happy.
- Q2C: (1) A Lot.

Standardized: No
Missing values: 9
Items reverse coded: DT301007-09

1. Frequencies:
- Items w/ > 80% in one category: None
- Items w/ > 70% in one category: None

2. Reliabilities:
- Subscales
  - Closeness: DT301007-09

3. Corrected Item Total Correlation < 0.2: None

4. References:
- See Father's marital closeness scale.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Rating of Sibling's Behavior.
Location in codebook: Card 156, Q3 (DT3-DA,2)
N of cases: 404
N of items: 24
Coding scheme: (1) Always. (7) Never.

Standardized: No
Missing values: 9
Items reverse coded: DT301010-33

1. Frequencies:
   Items w/ 86% in one category: None
   Items w/ 70% in one category: None

2. Reliabilities:
   Subscales                      Items                  reliability (Alpha)
   Hostility/Coer DT301010,14-18,22,24-28,30-32     .9524(.9428)
   Warmth/Supp DT301011-13,19-21,23,29,33      .9334(.9345)

3. Corrected Item Total Correlation < 0.2: none

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Varimax
   Absolute item loadings > .5:
   F1: DT301010,14-18,22,24-28,30-32
   F2: DT301011,13,19,20,29,33
   F3: DT301011,12,21,23,29

5. References:
Author: Wickrama/Lee
Date: 01/14/97
Data file: Tectarg4

Respondent: Target
Index title: Target’s Report of Sibling’s Problem Solving
Location in codebook: Card 155, Q4 (DT3-DA,3)
N of cases: 404
No. of items: 16
Coding scheme: (1) Always. (7) Never.

Standardized: No
Missing values: 9
Items reverse coded: DT301034-49

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective</td>
<td>DT301034,37,38,41,42,49</td>
<td>.9274 (.9266)</td>
</tr>
<tr>
<td>Destructive</td>
<td>DT301036,39,40,43-48</td>
<td>.8596 (.8407)</td>
</tr>
<tr>
<td>Destructive(Old)</td>
<td>DT301036,39,40,43,44,46-48</td>
<td>.9195 (.9203)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 2
   - Type of Rotation: Oblimin
   - Absolute item loadings > .5:
     - F1: DT301036,39,40,43,44,46-48
     - F2: DT301034,35,37,38,41,42,45,49

5. References:

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectary4

Respondent: Target
Index title: Target's Interaction with Sibling.
Location in codebook: Card 155, Q5 (DTJ-DA,3-4)
N of cases: 404
K of items: 23
Coding scheme: (1) A Lot. (4) Not At All.

Standardized: No
Missing values: 9
Items reverse coded: DT301051, 52, 55, 56, 58-61, 64, 65, 67-69, 72

1. Frequencies:
   - Items w/ > 80% in one category: None
   - Items w/ > 70% in one category: None

2. Reliabilities:
   Subscale
   - Interact: DT301050-72
   - Reliability(Alpha): .8730 (.8742)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 5
   - Type of Rotation: Oblimin
   - Absolute item loadings > .5:
     - F1: DT301051, 52, 55, 56, 58, 60, 61, 64, 65, 68, 69, 72
     - F2: DT301054, 63
     - F3: DT301057, 64, 67, 70
     - F4: DT301053, 59, 62
     - F5: DT301050, 71

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickram/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Prosocial and Antisocial Behavior of Target.
Location in codebook: Card 156, Q6 'DT3-DA,5"
N of cases: 404
N of items: 23
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.

Standardized: No
Missing values: 9
Items reverse coded: DT301073-95, 97, 100

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DT301081

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Prosocial DT301073, 74, 76, 78, 82, 85, 86, 92, 94, 100 .8610 (.8644)
   Antisocial DT301075, 77, 79, 81, 83, 84, 86, 87, 89, 90, 93 .8836 (.8836)
   Negative Att. DT301095, 97, 98, 99 .7436 (.7479)
   Neuroticism DT301078, 87, 89 .7532 (.7577)
* DT301078 was not recorded for 'Neuroticism' Subscale.

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 6
   Type of Rotation: Varimax
   Absolute Item loadings > .5:
   F1: DT301075, 77, 81, 83, 84, 86, 90, 93  F2: DT301082, 95, 98, 99, 101, 102
   F3: DT301074, 85, 88, 91, 100  F4: DT301073, 76, 92, 94
   F5: DT301078, 87, 89  F6: DT301079, 80

5. References:
   Developed for IYFP from diverse sources.
T56
Wave 4

IZONE YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Prosocial and Antisocial Behavior of Target.
Location in codebook: Card 156, Q6 (DT3-DA, 5)
N of cases: 404
N of items: 23
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.

Standardized: No
Missing values: 9
Items reverse coded: DT301073-95,97,100-102

1. Frequencies:

<table>
<thead>
<tr>
<th>Items w/&gt; 90% in one category</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Items w/&gt; 70% in one category</td>
<td>DT301081</td>
</tr>
</tbody>
</table>

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prosocial</td>
<td>DT301073,74,76,78,82,85,88,92,94,100</td>
<td>.8610 (.8644)</td>
</tr>
<tr>
<td>Antisocial</td>
<td>DT301075,77,79,81,83,84,86,87,89,90,93</td>
<td>.8836 (.8836)</td>
</tr>
<tr>
<td>Negative Att.</td>
<td>DT301095,97,98,99</td>
<td>.7438 (.7479)</td>
</tr>
<tr>
<td>Neuroticism</td>
<td>DT301078,87,89</td>
<td>.7932 (.7577)</td>
</tr>
</tbody>
</table>

* DT301078 was not recorded for 'Neuroticism' Subscale.

3. Corrected Item Total Correlation < 0.2:
None

4. Factor Analysis:

<table>
<thead>
<tr>
<th># of eigenvalue &gt; 1.0</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Rotation</td>
<td>Varimax</td>
</tr>
<tr>
<td>Absolute Item loadings &gt; .5:</td>
<td></td>
</tr>
<tr>
<td>F1</td>
<td>DT301075,77,81,83,84,86,90,93</td>
</tr>
<tr>
<td>F2</td>
<td>DT301082,95,98,99,101,102</td>
</tr>
<tr>
<td>F3</td>
<td>DT301074,85,88,91,100</td>
</tr>
<tr>
<td>F4</td>
<td>DT301073,76,92,94</td>
</tr>
<tr>
<td>F5</td>
<td>DT301078,87,89</td>
</tr>
<tr>
<td>F6</td>
<td>DT301078,80</td>
</tr>
</tbody>
</table>

5. References:

Developed for IYFF from diverse sources.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/11/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Behavior Towards Sibling.
Location in codebook: Card 156, Q7 (DT-3-DA, k)
N of cases: 404
N of items: 8
Coding scheme: (1) Always. (7) Never.

Standardized: No
Missing values: 9
Items reverse coded: DT301103-111

1. Frequencies:
- Items w/> 80% in one category: None
- Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hostility/Oercion</td>
<td>DT301103,05,06,10,11</td>
<td>.8896 (.8938)</td>
</tr>
<tr>
<td>Warmth/support</td>
<td>DT301104,07,08,09</td>
<td>.8898 (.8556)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
- None

4. Factor Analysis:
- # of eigenvalue > 1.0: 2
- Type of Rotation: Oblimin
- Absolute Item loadings > .5:
  - F1: DT301103,05,06,10,11
  - F2: DT301104,07,08,09

5. References:
- Developed by Dr. R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Testarg4

Respondent: Target
Index title: Target's Attitudes towards Abortion
Location in codebook: Card141, Q4 (DT2-DA,3)
N of cases: 404
N of items: 5
Coding scheme: (1) Definitely Acceptable (4) Definitely Unacceptable

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales
   Items
   Abortion
   DT201064-68
   Reliability(Alpha)
   .8663 (.8652)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   Y1: All

5. References:
   Developed for IYFP by R. Conger.
### IOWA YOUTH AND FAMILIES PROJECT

**Preliminary Technical Report**

**Author:** Wickrama/Lee  
**Date:** 01/14/93  
**Data file:** Tec targ4  

**Respondent:** Target  
**Index title:** Target's Pubertal Development (Male).  
**Location in codebook:** Card 156, Q10-12, Q18A,P (DT3-DA, 8, 10)  
**N of cases:** 404  
**N of items:** 5  

**Coding scheme:**  
- **DT302001**  
  - (1) Has Not Yet Begun To Spurt.  
  - (4) Seems Completed.  
  - **DT302002,12**  
    - (1) Has Not Yet Started Growing.  
    - (4) Seems To Have Completed Growing.  
  - **DT302003,11**  
    - (1) Has Not Showed Changes.  
    - (4) Changes Are Completed.  

**Standardised:** Yes  
**Missing values:** 9  
**Items reverse coded:** None  

1. **Frequencies:**  
   - Items W/> 80% in one category: None  
   - Items W/> 70% in one category: DT302003  

2. **Reliabilities:**  
   **Subscales**  
   - **Pubertal**  
     - DT302001-03, 11, 12  
     - Reliability (Alpha) = .7407 (.7405)  

3. **Corrected Item Total Correlation < 0.2:**  
   None  

4. **Factor Analysis:**  
   - # of eigenvalue > 1.0: 1  
   - Type of Rotation: Unavailable  
   - Absolute Item loadings > .5: None  

5. **References:**  
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrams/Lee
Date: 01/14/93
Data file: Testarg4

Respondent: Partner
Index title: Target's Pubertal Development (Female).
Location in codebook: Card 156, Q10-12,15,16 (DTJ-DA,8-9)
N of cases: 404
N of items: 5

Coding scheme:
- DTJ02001
  1. Has Not Yet Begun To Spurt.
  2. Seems Completed.
- DTJ02002,06
  1. Has Not Yet Started Growing.
  2. Seems To Have Completed Growing.
- DTJ02003
  1. Has Not Showed Changes.
  2. Changes Are Completed.
- DTJ02007
  1. Yes
  2. No

Standardized: Yes
Missing values: 9
Items reverse coded: DTJ02007

1. Frequencies:
   - Items w/ > 80% in one category: DTJ02002,07
   - Items w/ > 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pubertal</td>
<td>DTJ02001-03,06</td>
<td>.5720 (.5790)</td>
</tr>
</tbody>
</table>

* DTJ02007 was excluded from the analysis because of zero variance.

3. Corrected Item Total Correlation < 0.2:

None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute Item loadings > .5:
     - F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/14/93
Data file: Testarg4

Respondent: Target
Index title: Target's Sexual Permissiveness.
Location in codebook: Card 157, Q19 (DT3-DA,12)
N of cases: 404
N of items: 5
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.

Standardized: No
Missing values: 9
Items reverse coded: DT302016-20

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Permissive: DT302016-20
   Reliability(Alpha): .8792 (.8772)

3. Corrected Item Total Correlation < 0.2:
   None

4. References:
   David Reiss (1964), Scaling of premature sexual permissiveness.
   Journal of Marriage and Family, 26 :188-189.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Factarg4

Respondent: Target
Index title: Target's Sexual Involvement and Friends' Sexuality.
Location in codebook: Card 157, Q20-26 (DT3-DA, 12-15)
N of cases: 404
N of items: 7
Coding scheme:
- DT303001 (1) Haven't Dated Yet (7) 3 Times A Week or More.
- DT303002-04 (1) None Of Them. (4) Three or More Of Them.
- DT303005, 29 (1) Yes. (2) No.
- DT303028 (1) Often. (4) Never.

Standardized: Yes
Missing values: 9
Items reverse coded: DT303005, 28, 29

1. Frequencies:
- Items w/ > 80% in one category: None
- Items w/ > 70% in one category: DT303029

2. Reliabilities:
   - subscales
   - Items
   - Reliability(Alpha)

<table>
<thead>
<tr>
<th>Subscale</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involvement</td>
<td>DT303001, 05, 28, 29</td>
<td>.8021(.8020)</td>
</tr>
<tr>
<td>Friends' Sexuality</td>
<td>DT303002, 03, 04</td>
<td>.5517(.5510)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   - # of eigenvalues > 1.0: 2
   - Type of Rotation: Oblimin
   - Absolute item loadings > .5:
     - F1: DT303001, 62, 05, 28, 29
     - F2: DT303003, 04

5. References:
   - Developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report - Wave 4

Author: Wickrama/LEE
Date: 01/04/93

Data file: Tectargt
Respondent: Target
Index title: Target's Report on School Commitment
Location in codebook: Card 146, Q20 (DT2-DA,15,16)
N of cases: 404
N of items: 21
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT204013-16,27-28

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good Student</td>
<td>DT204014,21,23,25,26,31</td>
<td>.9231(.9245)</td>
</tr>
<tr>
<td>Hard Working</td>
<td>DT204017-19,28-30</td>
<td>.7764(.7533)</td>
</tr>
<tr>
<td>Likes School</td>
<td>DT204012,13,15,16</td>
<td>.8019(.8024)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DT204014,21,23-26,31-32
   F2: DT204017,27,28
   F3: DT204012,13,15,16

5. References
   Developed from diverse for IVFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrams/Lee
Date: Q3/8/93
Data file: Target4

Respondent: Target
Index title: Target's Report on School Environment
Location in codebook: Card 47, Q23,24,26 (DT2-DA,17-19)
N of cases: 404
N of items: 37
Coding scheme:
Q23 (1) A very serious problem (4) No problem at all
Q24 (1) Not well at all (4) Very well
Q56 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DT204052,53,62
   Items w/> 70% in one category: DT204051,55,60

2. Reliabilities:

   Subscales                  Items                Reliability (Alpha)
   Teachers                   DT204374,75,78-83  .9715 (.9720)
   Students                   DT204035-42         .9820 (.9837)
   Substance Access           DT204036,37,40,46-48,77,86,88 .9770 (.9814)
   Substance Access Old Scale DT204051,55,60      .9653 (.9681)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 9
   Type of Rotation: Varimax
   Absolute item Loading > 0.5
   F1: DT204049-51,54-61   F5: DT204046-48,77
   F2: DT204074-75,78-84   F6: DT204076,85,89
   F3: DT204044,45         F7: DT204051-53
   F4: DT204036,37,38,40-42 F8: DT204086,88
   F9: DT204043,87

5. References:
   Developed from diverse sources for IYFP by R. Conger.
Author: Wickrama
Date: 03/18/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report About School
Location in codebook: Card147, Q26 (DT2-DA, 19)
N of cases: 404
N of items: 16
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/≥ 80% in one category: None
   Items w/≥ 70% in one category: None

2. Reliabilities:
   Subscales
<table>
<thead>
<tr>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: D7224074, 75, 78-81: Teachers
   F2: D7224077, 86, 88: Access to Drugs
   F3: D7224092, 83: School Pride

5. References:
   Developed for IVFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Household Chores
Location in codebook: Card 150, Q51 (DT-DA, 33)
N of cases: 404
N of items: 15
Coding scheme: DT205117-131 (1) Never (5) Always

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items W/> 80% in one category: None
   Items W/> 70% in one category: None

2. Reliabilities:
   Items
   Household Chores DT205117-131
   Reliability (Alpha) .7953 (.9839)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1 : DT205119, 122, 126, 127
   F2 : DT205121, 123, 125
   F3 : DT205117, 118
   F4 : DT205124, 128

5. References:
TORA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave4

Author: Wickrams/LEE
Data file: Testarg4
Respondent: Target
Index title: Target's Report on Relation With Sibling
Location in codebook: Card 155, Q2a-c (DT3-DA,1,2)
N of cases: 404
N of items: 3
Coding scheme:
Q2a (1) Very Satisfied (4) Very Dissatisfied
Q2b (1) Very Happy (4) Very Unhappy
Q2c (1) A Lot (4) Not at all

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales Items
   Relation with Sibling DT301007-09

   Reliability (Alpha) .8517 (.8728)

3. Corrected Item Total Correlation < .2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > .5
   P1: DT301007-09

5. References
   Developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 02/18/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Job Satisfaction
Location in codebook: Card146, Q43 (DT2-DA, 27)
N of cases: 404
N of items: 9
Coding scheme: (1) Not At All True (5) Very True

Standardized: No
Missing values: 9
Items reverse coded: DT205053-56, 58, 59

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales: Item
   Reliability(Alpha)
   Job Satisfaction: DT205052-60
   .7613 (.7643)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DT205053, 56, 58, 59, 59
   F2: DT205052, 54, 57

5. References:
   Developed for IYPP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/15/93
Data file: Tectarc4

Respondent: Target
Index title: Target's Report on Negative Attribution of Father
Location in codebook: Card 136, Q29 (DT1-DA,18)
N of cases: 404
N of items: 6
Coding scheme: DT103092-97 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT103092,93,96

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales          Items          Reliability(Alpha)
   Negative Attribution DT103092-97  .5563(.5772)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   FL: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report on Negative Attribution of Mother
Location in codebook: Card 134, Q18 (DT1-DA,11)
N of cases: 494
N of items: 6
Coding scheme: DT102092-97 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT102092,93,96

1. Frequencies:
   - Items w/ 80% in one category: None
   - Items w/ 70% in one category: None

2. Reliabilities:
<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative Attribution</td>
<td>DT102092-97</td>
<td>.5289 (.5/58)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute item Loading > 0.5:
     - F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 05/16/93
Data File: TexTarg4

Respondent: Target
Index title: Target’s Hostility/Warmth Towards Mother
Location in codebook: Card 114, Q22 (DT1-DA,13)
N of cases: 404
N of items: 9
Coding scheme: DT102101-109 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 60% in one category: DT102109
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales         Items       Reliability(Alpha)
   Hostility         DT102101,103,104,108,109  .8103(.8011)
   Warmth            DT102102,105-107       .9160(.9160)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT102102,105-107
   F2: DT102101,103,104,108,109

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickramas/Lee
Date: 04/21/93
Data file: Tectarg4

Respondent: Teacher
Index Title: Target's Problem (Teacher's Report)
Location in codebook: Card243=244, Q17(PP.828-829)
N of cases: 404
N of items: 119
Coding scheme: DTO03029-146 (0) Not True (2) Very True
Standardized: No
Missing values: 9
Items reverse coded: DTO03091

1. Frequencies:

Items w/ > 80% in one category: DTO03030, 33, 34, 37, 39-44, 46, 48, 49, 51,
53, 55-59, 61, 62, 64, 65, 86, 71, 72, 74-76, 78-80, 82-90, 92-94, 97, 99-103, 105,
111, 112, 114, 115, 117-120, 123-126, 130-134, 136, 137, 139, 140, 144-146

Items w/ > 70% in one category: DTO03029, 31, 35, 37, 47, 55, 54, 56, 58, 66, 69,
70, 73, 74, 77, 81, 98, 104, 107-109, 113, 121, 122, 128, 129, 135, 138, 141-143

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Withdrawn</td>
<td>DTO03070, 100, 104, 110, 115, 123, 137, 138, 146</td>
<td>.8681 (.8753)</td>
</tr>
<tr>
<td>Somatic Complaints</td>
<td>DTO03062, 84-91</td>
<td>.6879 (.7552)</td>
</tr>
<tr>
<td>Anxiety/depressed</td>
<td>DTO03060, 42, 59, 60-63, 73, 75, 78, 80</td>
<td>.8612 (.8611)</td>
</tr>
<tr>
<td>Social Problems</td>
<td>DTO03029, 39, 40, 42, 53, 61-64, 66, 76, 97, 99</td>
<td>.8067 (.8088)</td>
</tr>
<tr>
<td>Thought Problems</td>
<td>DTO03037, 46, 57, 68, 101, 105, 119, 120</td>
<td>.6978 (.7129)</td>
</tr>
<tr>
<td>Attention Problems</td>
<td>DTO03023, 30, 32, 36, 41, 43, 45, 50, 69, 73, 77, 85, 97, 107, 113, 115, 127, 135</td>
<td>.9227 (.9229)</td>
</tr>
<tr>
<td>Delinquent Behavior</td>
<td>DTO03054, 67, 71, 98, 117, 125, 133, 136, 140</td>
<td>.7523 (.7634)</td>
</tr>
<tr>
<td>Aggressive Behavior</td>
<td>DTO03031, 34, 35, 44, 47-49, 51, 52, 55, 63, 81</td>
<td>.9211 (.9235)</td>
</tr>
</tbody>
</table>

* DTO03079 was excluded from the Somatic Complaints sub-scale because of zero variance.
3. Corrected Item Total Correlation < 0.2 :

- Somatic Complaints : DT003037
- Social Problem : DT003042
- Thought Problem : DT003057

4. Factor Analysis :

- # of eigenvalue > 1.0 : 26
- Type of Rotation : Unavailable
- Absolute item Loading > 0.5 :

5. References :

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author : Wickrama/Lac
Date : 03/16/93
Data file : Tectarg4

Respondent : Target
Index title : Target’s Independence Scale From Mother
Location in codebook : Card 134, Q19-21 (DT1-DA,12)
N of cases : 404
N of items : 3
Coding scheme : DT102098 (1) Very Independent (5) Not At All Independent
               DT102099 (1) Always       (5) Never
               DT102100 (1) She Just Tell Me What To Do.
                                      (7) She Doesn’t Care What I Do.

Standardized : No
Missing values : 9
Items reverse coded : DT102096,99

1. Frequencies :
   Items w/> 80% in one category : None
   Items </> 70% in one category : None

2. Reliabilities :

   Subscales          Items               Reliability(Alpha)
   Independence       DT102098-100      .3834(.4676)

3. Corrected Item Total Correlation < 0.2 :
   DT102099

4. Factor Analysis :
   # of eigenvalue > 1.0 : 1
   Type of Rotation : Unavailable
   Absolute item loading > 0.5 :
   F1 : All

5. References :
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wiphrama/Lee
Date: 03/16/93
Data file: Tectargi

Respondent: Target
Index title: Target's Hostility/Warmth Towards Father
Location in codebook: Card 136, Q31 (DT1-DA, 20)
N of cases: 404
N of items: 9
Coding scheme: DT103101-109 (1) Always (7) Never

Standardized: No
Meaning values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 90% in one category: DT103109
   Items w/> 75% in one category: None

2. Reliabilities:
   subscales  Items  Reliability(Alpha)
   Hostility  DT103101,103,104,108,109  .8204 (.8201)
   Warmth   DT103102,105-107   .9136 (.9138)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT103102,105-107
   F2: DT103101,103,104,108,109

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrana/Lee
Date: 03/16/93
Data file: T6cliarg4

Respondent: Target
Index title: Target's Responsibility Scale
Location in codebook: Card 149, q50 (DT-DA,31)
N of cases: 404
N of items: 9
Coding scheme: DT205106-116 (1) Strongly Agree
(2) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT205106,113,115

1. Frequencies:

Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:

Subscales Items
Responsibility DT205106-116

3. Corrected Item Total Correlation < 0.2:

DT205114

4. Factor Analysis:

# of eigenvalue > 1.0: 2
Type of Rotation: Oblimin
Absolute item loading > 0.5:
F1: DT205108,110,111,112,116
F2: DT205109,113,115

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Data: 03/16/93
Data file: Testarg4

Respondent: Target
Index title: Target's Friends Suicide Scale
Location in codebook: Card 157, Q30 (DT3-DA,17)
N of cases: 404
N of items: 6
Coding scheme: DT304001-06 (1) Never (4) 3 Or More Times

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 50% in one category: DT304003-06
   Items w/> 70% in one category: DT304001,02

2. Reliabilities:

   Subscales  Items  Reliability(Alpha)
   Friend Suicide DT304001,03,05  .8822 (.8911)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Nickyama/Lee
Date: 03/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target’s Post-Traumatic Stress
Location in codebook: Card 15§, Q33e (DT3-DA,21)
N of cases: 404
N of items: 17
Coding scheme: DT304043-59 (1) No
(4) Yes, I still have these feelings

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: DT304050
   Items w/ > 70% in one category: DT304047,52,53,58

2. Reliabilities:
   Subscales: Post-Traumatic Stress, DT304043-59
   Items: Reliability (Alpha) = .9690 (.9696)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
Author: Wickrama/Lee
Date: 03/16/93
Data files: Tectarg4

Respondent: Target
Index title: Target's Report On Father's Behavior Towards Mother
Location in codebook: Card 137, Q46 (DT1-DA, 24)
N of cases: 474
N of items: 9
Coding scheme: DT104021-2S (1) Always (7) Never
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DT104029
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Hostility: DT104021, 23, 24, 28, 29
   Warmth: DT104022, 25-27
   Reliability(Alpha): .8392 (.8303)
   .9405 (.9405)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DT104023, 25-27
   F2: DT104021, 23, 24, 28, 29

5. References:
IGRA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 3/15/93
Data file: Tectarg4

Respondent: Target
Index title: Target’s Report On Mother’s Behavior Towards Father
Location in codebook: Card 137, Q47 (DT1-DA.25)
N of cases: 404
N of items: 9
Coding scheme: DT104030-38 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DT104038
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales          Items               Reliability(Alpha)
   Hostility          DT104030,32,33,37,38  .8678(.8527)
   Warmth             DT104031,34-36            .9542(.9542)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT104030,34-36
   F2: DT104030,32,33,37

5. References:
   Conger, R. D. (1993) developed for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 02/18/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report On Parents' Religiosity
Location in codebook: Card 144, Q8 (DT2-DA,5)
N of cases: 404
N of items: 6
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT200006-16

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Father's Religion DT202006,07,16 .8867(.5637)
   Mother's Religion DT202009,10,19 .7643(.7691)

3. Corrected Item Total Correlation < 0.2
   DT202106

4. Factor Analysis:
   # of eigenvalue > 1.0 : 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DT202006,07,09,14,15
   F2: DT202016

5. References:
   Developed for IYFP by R. Conger.
T203

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Job Pressure Scale
Location in codebook: Card148, Q41 (DT2-DA, 27)
N of cases: 404
N of items: 5
Coding scheme: (1) Never (5) Always
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Reliability(Alpha)
   Job Pressure: DT205046-50
   .2760(.2635)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DT205046-49
   F2: DT205050

5. References:
   Developed for IYFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tectarg4

Respondent: Target
Index Title: Target’s Job Match With Education
Location in codebook: Card149, Q46 (DT2-DA, 28)
N of cases: 484
N of items: 14
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Parents Approval: DT205069, 70, 73, 76
   Match with Education: DT205071, 72, 75
   Reliability(Alpha): .8254(.8377)
   .8580(.8585)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalues > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DT205069, 70, 73, 76
   F2: DT205071, 72, 75

5. References:
   Developed for IYFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report On Best Friends' Hostility/Warmth
Location in codebook: Card 152, Q55c (DT2-DA,39)
N of cases: 404
N of items: 9
Coding scheme: DT207013-21 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:

   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales             Items                      Reliability(Alphas)
   Hostility             DT207013,15,16,20,21       .7862(.7846)
   Warmth                DT207014,17-19            .6557(.6792)

3. Corrected Item Total Correlation < 0.2:

   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.6:
   F1: DT207013,15,16,20,21
   F2: DT207014,17-19

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Behavior Towards Best Friends
Location in codebook: Card 152, Q55g (DT2-PA,40)
N of cases: 404
N of items: 9
Coding scheme: DT207025-33 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales             Items                          Reliability(Alpha)
   Hostility             DT207025, 27, 28, 32, 33         .8215 (.8182)
   Warmth                DT207026, 29-31                     .6776 (.6072)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0 : 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT207025, 27, 28, 32, 33
   F2: DT207026, 29

5. References:
T207

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author : Wickrama/Lee
Date : 01/16/63
Data file : Tectarg

Respondent : Target
Index title : Target's Relationship With Best Friends
Location in codebook : Card 152, Q25d-f (DT2-DA,39)
N of cases : 404
N of items : 3

Coding scheme :
DT207022 (1) Very Satisfied
DT207023 (1) Very Happy
DT207024 (1) A Lot
(4) Very Dissatisfied
(4) Very Unhappy
(4) Not At All

Standardized : No
Missing values : 9
Items reverse coded : None

1. Frequencies :
Items w/> 80% in one category : None
Items w/> 70% in one category : None

2. Reliabilities :
Subscales
Relationship

items
DT207022-24

Reliability(Alpha)
.8546(.8604)

3. Corrected Item Total Correlation < 0.2 :
None

4. Factor Analysis :
# of eigenvalue > 1.0 : 1
Type of Rotation : Unavailable
Absolute item Loading > 0.5 :
F1 : All

5. References :
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/15/93
Data file: Tectarg

Respondent: Target
Index title: Target's Farming Satisfaction
Location in codebook: Card 154, Q70 (DT2-DA, 49)
N of cases: 404
N of items: 7
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales Items                                          Reliability(Alpha)
   Farming Satisfaction DT209019-25                          .5617(.5523)

3. Corrected Item Total Correlation < .2:
   DT209023

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT209019, 20, 22, 24, 25
   F2: DT209021, 23

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrasm/JLee
Date: 03/16/93
Data file: Tectarg4
Respondent: Target
Index title: Target's Readiness To Leave School
Location in codebook: Card 154, Q71 (DT2-DA,49)
# of cases: 404
# of items: 6
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT209026,27,29,30

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Ready to Leave School DP209026-31 .7894(.7863)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
     F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Date: 03/16/93
Data file: Target

Respondent: Target
Index title: Target's Report On Sexual Acts
Location in codebook: Card 157, Q19 (DT3-DA,12)
N of cases: 404
N of items: 5
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales
   Sexual Acts
   Items
   DT2016-20
   Reliability(Alpha)
   .8955 (.8963)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   T1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrams/Lee
Date: 03/16/93
Data file: Testargd

Respondent: Target
Index title: Target's Behavior Towards Girl/boy Friends
Location in codebook: Card 157, Q24f (DT1-DA, 14-15)
N of cases: 484
N of items: 9
Coding scheme: (1) Always (7) Never
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales
   Hostility
   Warmth
   Items
   DT30J019, 21, 22, 26, 27
   DT30J020, 23-25
   Reliability (Alpha): .7963 (.7939)
   .8887 (.8919)

3. Corrected Item Total Correlation < .2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT30J020, 23-25
   F2: DT30J019, 21, 22, 26

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tactarg4

Respondent: Target
Index title: Target's Report On Authoritarian Parenting Scale
Location in codebook: Card 157, Q01 (DT3-DA,18)
N of cases: 404
N of items: 8
Coding scheme: DT304007-14 (1) Strongly Agree
(2) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
Items w/ > 80% in one category: None
Items w/ > 70% in one category: None

2. Reliabilities:

Subscales
Authoritarian Parenting DT304007-14

3. Corrected Item Total Correlation < 0.2:
None

4. Factor Analysis:
# of eigenvalue > 1.0: 1
Type of Rotation: Unavailable
Absolute item loading > 0.5:
P1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Data: 04/21/93
Data file: Tctarg4

Respondent: Target
Index title: Target’s CES-D Depression
Location in codebook: Card158, Q32 (DT3-DA,19)
N of cases: 404
N of items: 20
Coding scheme: DT304015-34 (1) Rarely or None (4) More or All Of The Time
Standardized: 5c
Missing values: 9
Items reverse coded: DT304018,22,26,30

1. Frequencies:
Items w/ > 80% in one category: None
Items w/ > 70% in one category: DT304023,31

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CES-D</td>
<td>DT304015-34</td>
<td>.8699 (.6940)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
DT304022

4. Factor Analysis:

# of eigenvalue > 1.0: 3
Type of Rotation: Varimax
Absolute item loading > 0.5:
- F1: DT304017,29,30,23,24,28,29,31-34
- F2: DT304016,25
- F3: DT304018,22,26,30

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target’s Recent Use of Substances
Location in codebook: Card 159, Q35 (DT3-DA,23)
N of cases: 404
N of items: 10
Coding scheme: DT304068-77 (1) Never (6) Every Day

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   - Items w/ > 80% in one category: DT304070,72-74,76,77
   - Items w/ > 70% in one category: DT304069,71,75

2. Reliabilities:
   - Subscales
     - Recent Drinking: DT304069-72,75
     - Recent Drug Use: DT304073,74,77
   - Reliability(Alpha)
     - .9392(.9430)
     - .9938(.9944)

3. Corrected Item Total correlation < 0.2:
   None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 2
   - Type of Rotation: Oblimin
   - Absolute item Loading > 0.5:
     - F1: DT304068-72,75
     - F2: DT304073,74,76,77

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Data: 03/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Report on Friends' Approval for Anti-Social Acts
Location in codebook: Card 159, Q36 (DT3-DA,23)
N of cases: 404
N of items: 13
Coding schema: DT04078-90 (1) Tell You To Stop
(5) Approve And Encourage To Continue

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: DT304086,87,89
   Items w/> 70% in one category: DT304083

2. Reliabilities:
   Subscales: Items
   Approval: DT304078-90
   Reliability(Alphas): .9314(.9380)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT304078-82
   F2: DT304086,87,89
   F3: DT304085,88,90

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 02/16/93
Data file: Tetcarg4

Respondent: Target
Index title: Target's Report On Parents' Approval For Anti-Social Acts
Location in codebook: Card 159, Q37 (DTJ-DA,24)
N of cases: 404
N of items: 13
Coding scheme: DTJ04091-103 (1) Tell You To Stop
(5) Approve And Encourage To Continue
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 60% in one category: DTJ04091-103
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales Items Reliability(Alpha)
   Approval DTJ04091-103 .9789 (.9825)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/16/93
Data file: Tectargt

Respondent: Target
Index title: Target’s Report on Father As A Role Model
Location in codebook: Card 159, Q38 (DT3-DA,24)
N of cases: 404
N of items: 9
Coding scheme: DT304104-1:2 (1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT304104,107,108

1. Frequencies:
   - Items w/> 80% in one category: DT304112
   - Items w/> 70% in one category: None

2. Reliabilities:
   - Sub-scales
     Father As A Role Model DT304104-112
     Items
     Reliability(Alpha) .7697(.7831)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 2
   - Types of Rotation: Oblimin
   - Absolute item loading > 0.5:
     F1: DT304104,108,110,111
     F2: DT304109,106,109

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target’s Report On Mother As A Role Model
Location in codebook: Card 159, Q39 (DT3-DA,25)
N of cases: 454
N of items: 9
Coding scheme: DT304113-121 (1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DT304113,116,117

1. Frequencies:
   Items w/> 80% in one category: DT304121
   Items w/> 70% in one category: DT304115

2. Reliabilities:
<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mother As A Role Model</td>
<td>DT304113-121</td>
<td>.7449 (.7921)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DT304114,115,118,121
   F2: DT304113,116,117

5. References:
IGOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tectarg4

Respondent: Target
Index Title: Target's Attitudes On Drinking
Location in codebook: Card 159, Q40 (DT3-wA, 25)
N of cases: 404
N of items: 13
Coding scheme: DT304122-134
(1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 30% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                        Items                  Reliability(Alpha)
   Drinking                        DT304122-134        .9480 (.9513)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DT304122-124, 126, 127, 131, 132, 134
   F2: DT304125, 128-130, 133

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Testarg4

Respondent: Target
Index title: Target's Attitudes On Drug Use
Location in codebook: Card 160, Q41 (DT3-DA,26)
N of cases: 404
N of items: 13
Coding scheme: DT304135-147 (1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:

Items w/> 80% in one category: DT304138,141-143,145-147
Items w/> 70% in one category: DT304135-137,139,140,144

2. Reliabilities:

Subscales Items Reliability(Alpha)
Drug Use DT304135-147 .9643(.9703)

3. Corrected item total correlation < 0.2:
None

4. Factor Analysis:

# of eigenvalue > 1.0: 2
Type of rotation: Oblimin
Absolute item loading > 0.5:
F1: DT304137,138,140-143,145-147
F2: DT304135,136,139,144

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tectarg4

Respondent: Target
Index title: Target's Life Satisfaction
Location in codebook: Card 160, Q44 (DT3-DA, 27)
N of cases: 404
N of items: 5
Coding scheme: DT304153-127 (1) Strongly Agree
(5) Strongly Disagree

Standardised: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   - Items w/ 80% in one category: None
   - Items w/ 70% in one category: None

2. Reliabilities:
   - Subscales: Life Satisfaction
     - Items: DT304153-157
     - Reliability(Alpha): .8857 (.8869)

3. Corrected Item Total Correlation < 0.2:
   - None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Types of Rotation: Unavailable
   - Absolute item loading > 0.5:
     - F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave 1

Author: Wickrama/LEE
Data file: Tecain
Respondent: Sibling
Index title: Hirsch's Social Support Scale for Sibling
Location in codebook: Card 163, Q2 (DS1-DA,1)
N of cases: 404
N of items: 11
Coding scheme: (1) Definitely True (4) Definitely False
Standardized: No
Missing values: 9
Items reverse coded: DS101003, 04, 09, 11, 12

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friends Social Support</td>
<td>DS101003, 04, 12</td>
<td>.5143 (.5253)</td>
</tr>
<tr>
<td>Social Isolation</td>
<td>DS101002-07</td>
<td>.6447 (.6486)</td>
</tr>
<tr>
<td>Emotional Closeness</td>
<td>DS101009, 11, 13</td>
<td>.4941 (.5139)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   Friends Social Support: None
   Social Isolation: None
   Emotional Closeness: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Varimax
   Absolute item loading > 0.5
   F1: DS101005-08
   F2: DS101009, 11-13
   F3: DS101009, 04

5. References
   Child Development, 58, 1235-1243.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave4

Author: Wickrama/LEE
Data file: Tecsi84
Respondent:Sibling
Index title: Sibling's Report on Anti-Social/ Delinquent Behavior
Location in codebook: Card 171, Q56 (DS1-DA,32,33)
N of cases: 404
N of items: 23
Coding Scheme: (1) Never (5) 6 or More Times
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DS106001,03,08-11,15-17,19-24,26

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-Social Behavior</td>
<td>DS106001-27</td>
<td>.8959 (.9227)</td>
</tr>
<tr>
<td>-Status</td>
<td>DS106001,05</td>
<td>.1870 (.2798)</td>
</tr>
<tr>
<td>-Theft</td>
<td>DS106002,03,10,16,21</td>
<td>.4845 (.7026)</td>
</tr>
<tr>
<td>-Traffic Violation</td>
<td>DS106012,26,27</td>
<td>.5407 (.5897)</td>
</tr>
<tr>
<td>-Vandalism</td>
<td>DS106014,24</td>
<td>.3184 (.4245)</td>
</tr>
<tr>
<td>-Official Reaction</td>
<td>DS106008,09,23</td>
<td>.6862 (.8123)</td>
</tr>
<tr>
<td>-Misdemeanor</td>
<td>DS106013,17,25</td>
<td>.6183 (.4853)</td>
</tr>
<tr>
<td>-Violence</td>
<td>DS106007,19,20</td>
<td>.5929 (.7054)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total correlation < 0.2

   Status: All
   Theft: None
   Traffic Violation: None
   Vandalism: None
   Misdemeanor: DS106017
   Violence: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Varimax
   Absolute item loading > 0.5
   F1: DS106001,03,07-11,14-17,19-24,26-27
   F2: DS106004,05,08,12,11,18,25

5. References
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrana /Lee
Date: 01/14/93
Data file: Techsib4

Respondent: Sibling
Index title: Friends' Response to Conventional Activities
Location in codebook: Card 163, Q7 (DS1-DA,3)
N of cases: 404
N of items: 7
Coding scheme: (1) Not cool (3) Cool

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Conventional Act DS101021 to DS101027
   Reliability(Alpha) .8094 (.6080)

3. Corrected Item Total Correlation < 0.2:
   Satisfaction: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute Item Loading > 0.5:
   F1: All

5. References:
   Get from Ron Simons.
IOWA YOUTH AND FAMILIES PROJECT
Final Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsib4

Respondent: Sibling
Index title: Friends' Deviant Behavior
Location in codebook: Card 163, Q8 (DS1-DA,4)
N of cases: 404
N of items: 17
Coding schemes: (1) None of Them. (5) All of Them.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: DS101028, 35, 36, 39-42, 44

2. Reliabilities:
   Subscales
   Items
   Deviant: DS101018 to DS101044
   Reliability(Alpha): .8781 (.8799)

3. Corrected Item Total Correlation < 0.2:
   Deviant: DS101041

4. Factor Analysis:
   # of eigenvalue > 1.0: 5
   Type of Rotation: Varimax
   Absolute Item Loading > 0.5:
   F1: DS101029, 37, 38, 43
   F2: DS101030-32, 34, 41
   F3: DS101033, 35, 36
   F4: DS101039, 40, 44
   F5: DS101028, 42

5. References:
   A modified version of one developed by:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Yacsib4

Respondent: Sibling
Index title: Sibling's Closeness to Friends/ Anti-social Friends
Location in codebook: Card 163, Q9 (DS1-DA,5)
N of cases: 404
N of items: 10
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.

Standardized: No
Missing values: 9
Items reverse coded: DS101045-51, 53, 54

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales             Items             Reliability (Alpha)
   Closeness to Friends  DS101045-47, 49, 52  .7119 (.7646)
   Anti-social Friends  DS101048, 50, 51, 53, 54  .7773 (.7803)

3. Corrected Item Total Correlation < 0.2:

   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DS101048, 50, 51, 53-54
   F2: DS101045-47, 49

References:
   Constructed for the IYFP from diverse sources by R. Conger
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 02/14/93
Data file: Tecsinb4

Respondent: Sibling
Index title: Sibling's Closeness to Mother
Location in codebook: Card 164, Q12 (DS1-DA,7)
N of cases: 464
N of items: 11
Coding scheme: (1) Always. (5) Never.

Standardized: No
Missing values: 9
Items reverse coded: DS102001-05,08,11

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales          Items        Reliability (Alpha)
   Closeness          DS102001-11   .9040(.9057)

3. Corrected Item Total Correlation < 0.2: None

4. References:
   This scale was adapted from items developed by Kessler and his colleagues that were designed to tap the positive and negative characteristics of social interactions (Kessler, Personal communication, 1989). They also derive in part from Rook's (1984) work on the problematic aspects of social interaction.

   References:
   Constructed for the IYFP from diverse sources by R.Conger
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsit4

Respondent: Sibling
Index title: Sibling Relationship Quality with Mother
Location in codebook: Card 164, Q13A-C (DS1-DA,8)
N of cases: 404
N of items: 3
Coding scheme:
DS102012 (1) Very satisfied
DS102013 (2) Very happy
DS102014 (3) A lot
(4) Very unsatisfied
(4) Very unhappy
(4) Not at all

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items
   Closeness DS102012-14

3. Corrected Item Total Correlation < 0.2:
   None

4. References:
   Developed by R. Conger for the IYFP from diverse sources
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsi4

Respondent: Sibling
Index title: Sibling's Report on Mother's Behavior
Location in codebook: Card 164, Q14 (DS1-DA, 8-9)
N of cases: 404
N of items: 24
Coding scheme: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales   Items      Reliability(Alpha)
   Hostility/Coercion  DS102015,19-23,29-33  .9405(.9428)
   DS102027,35-37       .9199(.9221)
   Warmth/Support      DS102016-18,24-26,28,34,38

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:
   # of eigen value > 1.0: 3
   Types of Rotation: Oblimin
   Absolute item loadings > 0.5:
   F2: DT102016-18,24-26,34,38
   F1: DT102015,19-22,23,27,29,31,32
   F3: DT102030,35-47

4. References:
   Developed by R. Conger for the IYFP from diverse sources
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickram/Lee
Date: 01/14/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling’s Report on Mother’s Problem Solving
Location in codebook: Card 164, Q15 (DS1-DA,9)
N of cases: 404
N of items: 17
Coding scheme: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective</td>
<td>DS102039, 40, 42, 43, 46, 47, 54</td>
<td>.9066(.9102)</td>
</tr>
<tr>
<td>Effective(Old)</td>
<td>DS102039, 42, 43, 46, 47, 54</td>
<td>.8842(.8893)</td>
</tr>
<tr>
<td>Destructive</td>
<td>DS102041, 44, 45, 48, 53</td>
<td>.8020(.8139)</td>
</tr>
<tr>
<td>Destructive(Old)</td>
<td>DS102041, 44, 45, 48, 49, 51-53</td>
<td>.9095(.9101)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigen value > 1.0: 2
   Type of Rotation: Oblimis
   Absolute item loadings > 0.5:
   F1: DS102039, 40, 42, 43, 46, 47, 50, 54
   F2: DS102041, 44, 45, 48, 49, 51-53

4. References:
   Developed by R.Conger for the IYFP.
### IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tec6b4

Respondent: Sibling
Index title: Sibling’s Report of Mother’s Childrearing Practices
Location in codebook: Card 165, Q16 (DS1-DA,10-11)
N of cases: 404
N of items: 27
Coding scheme: (1) Always   (5) Never

Standardized: No
Missing values: 9
Items reverse coded: DS102055-60, 61, 63-65, 67-71, 74-81

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitor</td>
<td>DS102053-57, 59</td>
<td>.7607 (.7758)</td>
</tr>
<tr>
<td>Probsolve</td>
<td>DS102072-74</td>
<td>.7119 (.7208)</td>
</tr>
<tr>
<td>Discipline</td>
<td>DS102061-65, 67-71</td>
<td>.5862 (.6240)</td>
</tr>
<tr>
<td>.Inconsist</td>
<td>DS102061-65, 71</td>
<td>.4652 (.4822)</td>
</tr>
<tr>
<td>.Harsh</td>
<td>DS102067-70</td>
<td>.6262 (.6989)</td>
</tr>
<tr>
<td>Communication</td>
<td>DS102072-74</td>
<td>.7119 (.7208)</td>
</tr>
<tr>
<td>Induction</td>
<td>DS102077-80</td>
<td>.8153 (.8170)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   - Discipline: DS102062
   - Inconsistent: DS102062

4. Factor Analysis:
   - # of eigen value > 1.0: 7
   - Type of Rotation: Varimax
   - Absolute item loadings > 0.5:
     - F1: DS102074-81, 57
     - F5: DS102062, 63, 66
     - F2: DS102055, 56, 58, 59
     - F4: DS102068-70
     - F3: DS102069, 67, 71-73
     - F6: DS102064, 65
     - F7: DS102082

4. References:
   Adapted from Thornberry et al. (1989).
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsitb

Respondent: Sibling
Index title: Sibling's Report of Mother's Rejection and Identification
Location in codebook: Card 165, Q17 (DS1-DA,11)
N of cases: 404
N of items: 9
Coding scheme: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing Values: 9
Items reverse coded: DS102084-86, DS102088-91

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                  Items                  Reliability (Alpha)
   Rejection                  DS102083, 85, 87, 89, 91    .8575 (.8632)
   Identification             DS102084, 88, 94, 90        .8556 (.8607)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Not available
   Absolute item loadings > 0.5:
   F1: All

4. References:
   (1) Parental Rejection Scale developed by the Behavioral Research and
       Evaluation Corporation (BPEC) for the office of Youth Development (OYD)
       studies funded by the Department of Health, Education and Welfare See: T.
       Brennen (1974). Evaluation and Validation Regarding the National
       Strategy for Youth Development. Boulder, Co: Behavior Research
       Evaluation Corporation.
       Boulder, Co Center for Action Research.
   (2) Identification items developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickram/Lee
Date: 01/14/93
Data file: tecSib4

Respondent: Sibling
Index title: Sibling's Closeness to Dad Scale
Location in codebook: Card 166, Q23 (DS1-DA,14)
N of cases: 404
N of items: 11
Coding scheme: (1) Always (5) Never
Standardized: No
Missing values: 9
Items reverse coded: DS103003-05, 08, 11

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                           Items             Reliability(Alpha)
   Closeness                           DS103003-11       .9092 (.9092)

3. Corrected Item Total Correlation < 0.2:
   None

4. References:

   This scale was adapted from items developed by Kessler and his colleagues that were designed to tap the positive and negative characteristics of social interactions. (Kessler, Personal communication, 1989). They also derive in part from Rook's (1984) work on the problematic aspects of social interaction.

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickramaj/Lee
Date: 01/14/93
Data file: Tecsiib4

Respondent: Sibling
Index title: Sibling’s Relationship Quality with Dad
Location in codebook: Card 166, Q24A-C (DS1-BA.14-15)
N of cases: 404
N of items: 3
Coding scheme: DS103012  (1) Very Satisfied          (4) Very Unhappy
               DS103013  (1) Very Happy            (4) Very Unhappy
               DS103014  (1) A lot               (4) Not at all

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales     Items  Reliability(Alpha)
   Relation      DS103012-14 .7629(.7871)

3. Corrected Item Total Correlation < 0.2:
   None

4. References:
   Developed for the YIFP from diverse sources by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsib4

Respondent: Sibling
Index title: Sibling's Report on Father's Emotional Affect
Location in codebook: Card 166, Q25 (DS1-DA,15)
N of cases: 404
N of items: 24
Coding scheme: (1) Always (7) Never
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                   Items                      Reliability(Alpha)
   hostility/coercion          DS103015,19-23,27,29-33,35-37  .9349(.9363)
   warmth/support              DS103016-18,24-26,28,34,38     .9166(.9208)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loadings > .5:
   F1: DS103015,19-23,27,29,31
   F2: DS103016-18,24-26,28,34,38
   F3: DS103030,32,35-37

5. References:

   Created for the YIPP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsib4

Respondent: Sibling
Index title: Sibling's Problem Solving of Father
Location in codebook: Card 166, Q26 (DA1-DA,16)
N of cases: 404
N of items: 15
Coding scheme: (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                   Items                     Reliability(Alpha)
   Effective                   DS103039,40,42,43,46,47,54   .9349(.9357)
   Effective(Old)               DS103039,42,43,46,54         .8931(.8949)
   Destructive                 DS103041,44,45,48-53         .8062(.8207)
   Destructive(Old)             DS103041,44,45,48,49,51-53    .9096(.9105)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DS103039,40,42,43,46,47,50,54
   F2: DS103041,44,45,48,49,51-53

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecslide

Respondent: Sibling
Index title: Sibling’s Childrearing Practices of Father
Location in codebook: Card 167, Q27 (DS1-DA, 17-18)
N of cases: 404
N of items: 28
Coding scheme: (1) Always (5) Never

Standardized: No
Missing values: 9
Items reverse coded: DS103055-59, 61, 63-65, 67-71, 74-81

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitor</td>
<td>DS103055-60</td>
<td>.7830(.7913)</td>
</tr>
<tr>
<td>Discipline</td>
<td>DS103061-71</td>
<td>.5373(.6106)</td>
</tr>
<tr>
<td>.Inconsistency</td>
<td>DS103061-66, 71</td>
<td>.4897(.4801)</td>
</tr>
<tr>
<td>.Harsh</td>
<td>DS103067-70</td>
<td>.6292(.7144)</td>
</tr>
<tr>
<td>Communication</td>
<td>DS103072-74</td>
<td>.6685(.6851)</td>
</tr>
<tr>
<td>Induction</td>
<td>DS103077-60</td>
<td>.8445(.8455)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   Discipline : DS103062, 66
   Inconsistency : DS103062, 65-66

4. Factor Analysis:
   # of eigenvalue > 1.0 : 6
   Type of Rotation: Varimax
   Absolute Item loadings > .5:
   F1 : DS103074, 76-91
   F2 : DS103064, 65, 71-73
   F3 : DS103055, 56, 58, 59
   F4 : DS103068-70
   F5 : DS103057, 75, 82
   F6 : DS103062, 63, 66

5. References: Developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling's Report of Father's Rejection and Identification
Location in codebook: Card 167, Q28 (DS1-DA, 18)
N of cases: 404
N of items: 9
Coding scheme: (1) Strongly agree. (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: DS103084-86, 88-91

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales
   Items
   Rejection
   Identification
   DS103083, 85, 87, 89, 91
   DS103084, 86, 88, 90
   Reliability(Alpha)
   .8635 (.8647)
   .8275 (.8345)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loadings > .5:
   P1: All

5. References:
   (1) Parental Rejection Scale developed by the Behavioral Research and
   Evaluation Corporation (BPEC) for the Office of Youth Development
   (OYD) studies funded by the Department of Health, Education and
   Welfare. See:
   T. Brennen (1974). Evaluation and Validation Regarding the
   P. B. Trainer (1978). Assessment and Evaluation for Youth
   Programs. Boulder, CO: Center for Action Research.
   (2) Identification items developed for study by R. Conger.
ICOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsiblings

Respondent: Sibling
Index title: Sibling's Economic Problems and Martial Unhappiness
Location in codebook: Card 168, Q34-42 (DS1-DA, 21-24)
N of cases: 404
N of items: 12

Coding scheme: DS104003

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS104003</td>
<td>(1) A very serious problem.</td>
</tr>
<tr>
<td>DS104017,18</td>
<td>(2) Very happy</td>
</tr>
<tr>
<td>DS104004</td>
<td>(3) Very unhappy</td>
</tr>
<tr>
<td>DS104005,10,11,12</td>
<td>(4) Not at all upset or worried.</td>
</tr>
<tr>
<td>DS104001</td>
<td>(5) Always</td>
</tr>
<tr>
<td>DS104002</td>
<td>(6) Never</td>
</tr>
<tr>
<td>DS104003,04,05,12,19</td>
<td>(7) More money than most families.</td>
</tr>
<tr>
<td>DS104002</td>
<td>(8) Less money than most families.</td>
</tr>
<tr>
<td>DS104002</td>
<td>(9) went up a lot.</td>
</tr>
</tbody>
</table>

Standardized: Yes
Missing values: 9
Items reverse coded: DS104003,04,05,12,19

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales: Family Financial Conflict, Martial Unhappiness, Economic Problems
   Items: DS104005,12, DS104017,20, DS104001,04,10,11
   Reliability (Alpha): .6687 (.6703), .8586 (.8586), .7077 (.7107)

3. Corrected Item Total Correlation < 0.2: None

4. References:
   R. Conger (1988). Developed for the IYFP.
IOWA YOUTH AND FAMILIES PROJECT  
Preliminary Technical Report

Author: Wickram/Lee  
Date: 03/14/93  
Data file: Tecsib4

Respondent: Sibling  
Index title: Sibling's Mastery and Self-Esteem  
Location in codebook: Card 169, Q48 (DS1-DA, 26)  
N of cases: 404  
N of items: 17  
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No  
Missing values: 9  
Items reverse coded: DS105004, 06, 08, 09, 11, 13, 14

1. Frequencies:

Items w/ > 80% in one category: None  
Items w/ > 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mastery</td>
<td>DS105001-07</td>
<td>.8028 (.7995)</td>
</tr>
<tr>
<td>Self-Esteem</td>
<td>DS105008-17</td>
<td>.8850 (.8936)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:

# of eigenvalue > 1.0: 3  
Type of Rotation: Oblimin  
Absolute Item loadings > .5:  
F1: DS105004, 05, 08, 09, 11  
F2: DS105002, 13-17  
F3: DS105001, 03, 05, 07

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: TecsiB4

Respondent:Sibling
Index title: Mirowsky and Ross Control scale
Location in codebook: Card169, Q4B (DS1-DA,26)
N of Cases: 404
N of Items: 8
Coding scheme: (1) Strongly agree (5) Strongly disagree

Standardized: No
Missing values: 9
Items reverse coded: DS105018-20

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>DS105001,18-24</td>
<td>.7272(-.7425)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DS1G5001,21-24
   F2: DS105018-20

5. References:
   Explaining the social patterns of depression.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tec:sib4

Respondent: Sibling
Index title: Sibling's Antisocial Behavior (SELF)
Location in codebook: Card 169, Q49 (DS1-DH, 27)
N of cases: 454
N of items: 9
Coding scheme: (1) Not at all, (5) Exactly.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ < 0% in one category: None

2. Reliabilities:
   Subscales
   Items
   Reliability(Alpha)
   Antisocial Behavior
   Old Scale
   DS105025-33
   .8607 (.8634)
   DS105025-31
   .8544 (.8599)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DS105025-29, 31
   F2: DS105032, 33

5. References:
   Adapted from Buss, A. and Durkee, A. (1957).
   An inventory for assessing different kinds of hostility, Journal of
   Consulting Psychology, 21:343-349.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: TecSib4

Respondent title: Sibling
Index title: Sibling's SCL-90-R Somatization & Depression
Location in codebook: Card170, Q55 (DS1-DA,30)

* of cases: 404
* of items: 24
Coding scheme: (1) Not At All (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Somatization</td>
<td>DS105059,61,64,74,81,82,84-87,85,91</td>
<td>.8812(.8915)</td>
</tr>
<tr>
<td>Depression</td>
<td>DS105065,66,69,70,73,75-78,88,98,102</td>
<td>.9150(.9187)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DS105065,73,75-78,98,102
   F2: DS105061,64,81,85-87
   F3: DS105066,88
   F4: DS105062,89,91

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author : Wickrama
Date : 03/18/93
Data file : TecSib4
Respondent : Sibling
Index title : Sibling's SCL-90-R Anxiety
Location in codebook : Card170, Q55 (DS1-DA,30)
N of cases : 404
N of items : 10
Coding scheme : (1) Not At All (5) Extremely

Standardized : No
Missing values : 9
Items reverse coded : None

1. Frequencies :
   - Items w/> 80% in one category : None
   - Items w/> 70% in one category : None

2. Reliabilities :

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anxiety</td>
<td>DS105060,67,71,79,80,90,99,101,103,105</td>
<td>.9016(.9073)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis :
   # of eigenvalue > 1.0 : 1
   Type of Rotation : Oblimin
   Absolute item Loading > 0.5
   F1 : All

5. References :


IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 01/18/93
Data file: Tecrib4

Respondent: Sibling
Index title: Sibling's SCL-90-R Hostility
Location in codebook: Card170, Q55 (DS1-DA,10)
N of cases: 404
N of items: 6
Coding scheme: (1) Not At All (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales
   Items
   Reliability (Alpha)
   Hostility DS105063,72,94,97,100,104 .8623(.8689)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenValue > 1.0: 1
   Type of Rotation: Oblim
   Absolute item loading > 0.5
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tec5ib4

Respondent: Sibling
Index title:Sibling's SCL-90-R Additional Symptom
Location in codebook: Card170, Q85 (DS1-DA,30)
N of cases: 404
N of items: 7
Coding scheme: (1) Not At All (5) Extremely

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales          Items          Reliability (Alpha)
   Additional Symptoms DS105062, 80, 81, 92, 93, 95, 96 .7721(.7769)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   i.e.: All

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/14/93
Data file: Tecsi4

Respondent: Sibling
Index title: Sibling's Delinquency Scale.
Location in codebook: Card 171, Q56 (DS1-DA,12)
N of cases: 404
N of items: 27
Coding scheme: (1) Never. (5) 6 or More Times.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DS106001,03,08-11,15-17,19-24,25

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Delinquency DS106001-27 .8959(.9327)
   Old Scale with 23 Items .8877(.9300)

3. Corrected Item Total Correlation < 0.2:
   Delinquency: None

4. Factor Analysis:
   # of eigenvalue > 1.0 : 6
   Type of Rotation: Oblimin
   Absolute item loadings > .5:
   F1: DS106006-10,20,21,24,26
   F2: DS106004-06,12,13,18,25
   F3: DS106009,15,17
   F4: DS106016,19,22
   F5: DS106001,27
   F6: DS106023,27

5. References:
   Adapted from Elliot and Huizinga for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tec2ib4

Respondent: Sibling
Index title: Sibling's Substance Use Scale.
Location in codebook: Card 171, Q57 (DS1-DA, 13)
N of cases: 404
N of items: 13
Coding scheme: (1) Never. (6) 3 Or More Times

Standardized: No
Missing values: 9
Items reverse coded: DS106028-40

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DS106031-40

2. Reliabilities:
   Subscales: Items
   Substance: DS106028-40
   Reliability (Alpha): .7949 (.9088)

3. Corrected Item Total Correlation < 0.2:
   Substance: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of rotation: Oblique
   Absolute Item loadings > .5:
   F1: DS106033-40
   F2: DS106028-32

5. References:
   Developed by Dr. R. Conger for IVFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsb4

Respondent: Sibling
Index title: Sibling's Substance Use Problems
Location in codebook: Card 171, Q58 (DS1-DA,34)
N of cases: 404
N of items: 11
Coding scheme: (1) Never. (4) 4 or More times.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Items  
   Substance Reliability(Alpha)
   Total Problems DS106041-51 .9607(.9721)
   Behavior Problems DS106041-46 .9207(.9379)
   Social Reaction DS106047-50 .9513(.9689)

3. Corrected Item Total Correlation <.2:
   Total Problem: None
   Social Reaction: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute Item loadings > .5: F1: All

5. References:
   Developed for the IYFP from diverse sources.
TOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling's Additional NEO Scales
Location in codebook: Card181, Q52 (DS2-DT, 33)
N of cases: 404
N of items: 37
Coding scheme: DS206001-37 (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DS206001, 03, 07, 14, 17, 21-23, 26, 29, 31, 34, 36

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gregariosness</td>
<td>DS206001-03, 05,</td>
<td>.7227 (.7952)</td>
</tr>
<tr>
<td></td>
<td>07, 09, 14, 17</td>
<td></td>
</tr>
<tr>
<td>Values</td>
<td>DS206020, 21, 23,</td>
<td>.6259 (.6397)</td>
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<tr>
<td></td>
<td>26, 29, 31, 34, 36</td>
<td></td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   Gregariosness: DS206005
   Values: DS206020, 21, 23, 29, 34, 36

4. Factor Analysis:
   # of eigenvalue > 1.0: 5
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DS206001-03
   F2: DS206021, 26, 31
   F3: DS206017, 20, 29
   F4: DS206034, 36
   F5: DS206005

5. References:
   Costa, P. T. and McCrae, R. R. (1985)
   The NEO Personality Inventory Manual. Odessa, FL: Psychological Assessment Resources, Inc.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: TecSib4

Respondent: Sibling
Index title: Sibling's Additional NEO Scales
Location in codebook: Card181, Q52 (DS2-DT,31)
N of cases: 404
N of items: 37
Coding scheme: DS206001-37 (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: DS206001, 03, 07, 14, 17, 21-23, 26, 29, 31, 34, 36

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gregariousness</td>
<td>DS206001-03, 05, 07, 09, 14, 17</td>
<td>.6093(.6147)</td>
</tr>
<tr>
<td></td>
<td>DS206020, 21, 23, 26, 29, 31, 34, 36</td>
<td>.3030(.3242)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   - Gregariousness: DS206005
   - Values: DS206020, 21, 23, 29, 34, 36

4. Factor Analysis:
   - # of eigenvalue > 1.0: 5
   - Type of Rotation: Oblimin
   - Absolute item Loading > 0.5:
     - F1: DS206001-03
     - F2: DS206021, 26, 31
     - F3: DS206017, 20, 29
     - F4: DS206034, 16
     - F5: DS206005

5. References:
   - Costa, P.T. and McCrae, R.R. (1985)
   - The NEO Personality Inventory Manual. Odessa, FL: Psychological Assessment Resources, Inc.
ICOM YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsl4

Respondent: Sibling
Index title: Sibling’s Positive Affect Subscale, Mental Health Inventory
Location in codebook: Card 173, Q60 (DS1-DA,39)
# of cases: 404
# of items: 6
Coding scheme: (1) All of the time (6) None of the time

Standardized: No
Missing values: 9
Items reverse coded: DS107057-62

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales: Items: Reliability (Alpha)
   Positive effect: DS107057-62: .8960 (.8998)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Not available
   Absolute item loadings > .5:
   All

5. References:
   These 6 items were selected from the 11 items General Positive Affect scale from Mental Health Inventory:
   Velt, C.T. and Ware, Jr., J.E. (1983)
   The structure of psychological distress and well-being in general populations. Journal of Consulting and Clinical Psychology, Psychology.
Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsi4

Respondent: Sibling
Index title: Sibling's Thornberry Conventional Values of Friends
Location in codebook: Card 174, Q1 (DS2- DT,1)
N of cases: 404
N of items: 17
Coding schema: (1) Extremely Important. (5) Not at all Important.

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 76% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Friend DS201001-17  .9076(.9030)

3. Corrected Item Total Correlation < 0.2:
   Friend: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: oblimin
   Absolute Item loadings > .5:
   F1: DS201011-14,17
   F2: DS201053-05
   F3: DS201001,06,07,09,15,16

5. References:
IORWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrams/Lee
Date: 01/14/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling's Conventional Values (SELF)
Location in codebook: Card 174, Q2 (DS2-DT, 1-2)
N of cases: 404
N of items: 25
Coding scheme: (1) Extremely Important. (5) Not at all Important.

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 60% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales   Items   Reliability(Alpha)
   Conventional   DS201018-22, 24-26, 28, 30, 32-35, 37, 41   .8965(.8954)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 5
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DS201025,26,30,37
   F2: DS201025-31
   F3: DS201022,24,35
   F4: DS201033,38-40
   F5: DS201027,29,41,42

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tacsib4

Respondent: Sibling
Index title: Sibling's Activity Scale.
Location in codebook: Card 176, Q12 (DS2-DT,11)
N of cases: 404
N of items: 8
Coding scheme: (1) Worse Than Most Kids. (3) Better Than Most Kids.
Standardized: No
Missing values: 9
Items reverse coded: None.

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                  Items                  Reliability(Alpha)
   New Scale                 DS203026-33          .5796(.5763)
   Old Scale                 DS203026-31          .5063(.5019)

3. Corrected Item Total Correlation < 0.2:
   DS203026,29

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DS203028,10-32
   F2: DS203026,33
   F3: DS203027,29

5. References:
   Developed by Dr. R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsih4

Respondent: Sibling
Index title: Sibling’s School Problem Index (Achievement, Attendance)
Location in codebook: Card 177, Q15-19 (DS2-DT,13-15)
N of cases: 404
N of items: 5
Coding scheme:
- DS204001: (00) F (11) h
- DS204002: (1) Yes (2) No
- DS204009: Code number of days of missing school
- DS204010: (1) Often (5) Never
- DS204011: (1) very behind and hard to catch up (5) Ahead of most classmates

Standardized: Yes
Missing values: 9
Items reverse coded: DS204001, 02, 10, 11

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscale</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achievement</td>
<td>DS204001, 02, 11</td>
<td>.7424 (.7424)</td>
</tr>
<tr>
<td>Attendance</td>
<td>DS204009, 10</td>
<td>.1659 (.2543)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   - Attendance: DS204009, 10

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute Item loadings > .5:
     - F1: DS204005, 02, 11

5. References:
   - Adopted from Elliott, D. S., David Huizinga, and Suzanne S. Azeten (1985)
     Explaining Delinquency and Drug Use, Beverly Hill, Ca: Sage.
Author: Wikrama/Lee
Date: 8/14/91
Data file: Tecsiib4

Respondent: Sibling
Index title: Sibling’s Commitment To School
Location in codebook: Card 177, Q20 (DS2-DT, 15-16)
N of cases: 404
N of items: 16
Coding scheme: (1) Strongly Agree   (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS204012, 17-26

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales                      Items              Reliability (Alpha)
   Commitment                    DS204012-27        .9109 (.9150)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loadings > .5:
   F1: DS204014, 18, 19, 21-26
   F2: DS204012, 13, 15, 16, 27
   F3: DS204020

5. References:
   Developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: TecSib4

Respondent: Sibling
Index title: Sibling's Subterranean Values
Location in codebook: Card 174, Q3 (DS2-DT,2-3)
N of cases: 404
N of items: 21
Coding scheme: (1) Not wrong at all (4) Very wrong
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DS201047

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   New Scale DS201043-63 .9341(.9192)
   Old Scale1 DS201043-59 .9160(.9253)
   Old Scale2 DS201043-57 .9103(.9217)
   Old Scale3 DS201043-52 .8581(.8811)

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute Item Loadings > .5:
   F1: DS201043,51,53-58,61-63
   F2: DS201044,46,48-50,52
   F3: DS201059,69
   F4: DS201047,62

5. References:
   Developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrams/Lee
Date: 02/14/93
Data file: Tecsil4

Respondent: Sibling
Index title: Sibling's Report on Elder's School Problem Scale
Location in codebook: Card 178, Q23 (DS2-DT,17)
N of cases: 404
N of items: 14
Coding scheme: (1) A Very Serious Problem. (4) No Problem at all.

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                      Items                    Reliability(Alpha)
   School Problem
   Old Scale

   CS204035-48
   CS204035-45

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: CS204036, 37, 40, 44, 45
   F2: CS204035, 38, 39, 41, 44
   F3: CS104846-48

5. References: Glen Elder
Author: Wickrama
Data: 03/18/93
Data file: Tecsi64

Respondent: Sibling
Index title: Sibling's Negative Peer Pressure Scale
Location in codebook: Card178, Q25 (DS2-DA, 19)
N of cases: 404
N of items: 9
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS204066, 70, 71

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales                Items                Reliability(Alpha)
   Peer Pressure           DS204064-72         .8682 (.8734)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DS204064, 65, 67-69, 72
   F2: DS204066, 70, 71

5. References:
   Developed for IYFP by R. Cosger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling’s School Perceptions.
Location in codebook: Card 178, Q26 (DS2-DT, 19)
N of cases: 404
N of items: 17
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:
   Subscales
   Items
   Reliability(Alpha)

3. Factor Analysis:
   - # of eigenvalue > 1.0: 4
   - Type of Rotation: Oblimin
   - Absolute Item loadings > .5:
     F1: DS204073-75, 78-81 - Committed School Staff
     F2: DS204077, 86, 87 - Access to Substances
     F3: DS204076, 85 - Threatening School Environment
     F4: DS204082-84, 89 - Community Participation, Price

4. References:
   Developed by Dr. R. Conger for IVFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecslb

Respondent: Sibling
Index title: Sibling’s Closeness To Target.
Location in codebook: Card 186, Q1 (DS3-UT,1)
N of cases: 404
N of items: 6
Coding scheme: (1) Often. (4) Never.

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Closeness DS301001-06 .7788 (.7824)

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DS301003,04,05
   F2: DS301001,02,06

5. References:
   See Father’s marital closeness scale.
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsi4

Respondent: Sibling
Index title: Sibling's Relationship with Target.
Location in codebook: Card 187, Q2A-C (DS3-DY,1-2)
N of cases: 404
N of items: 3

Coding scheme:
Q2A (1) Very Satisfied.
Q2B (1) Very Happy.
Q2C (1) A Lot.
(4) Very Dissatisfied.
(4) Very Unhappy.
(4) Not At All.

Standardized: No
Missing values: 9
Items reverse coded: DS301067-09

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Closeness DS301067-09 .7972(.8266)

3. Corrected Item Total Correlation < 0.2:
   None

4. References:

   See Father's marital closeness scale.
Author: Wickrama/Lee  
Date: 01/14/93  
Data file: Tecsinb4

Respondent: Sibling  
Index title: Sibling's Rating of Target's Behavior.  
Location in codebook: Card 186, Q3 (DS3-DT,2)  
N of cases: 404  
N of items: 24  
Coding scheme: (1) Always. (7) Never.  
Standardized: No  
Missing values: 9  
Items reverse coded: DS301610-35

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hostility/Coer</td>
<td>DS301010,14-18,22,24-28,30-32</td>
<td>.9479 (.9482)</td>
</tr>
<tr>
<td>Warmth/Supp</td>
<td>CS301011-13,19-21,23,28,33</td>
<td>.9238 (.9369)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:
   - None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Varimax
   Absolute Item loadings > .5:
   - F1: DS301010,14-18,22,24-28,30-32
   - F2: DS301012-13,20-21,23,29
   - F3: DS301013,19,20,33

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tec5ib4

Respondent: Sibling
Index title: Sibling’s Report of Target’s Problem Solving.
Location in codebook: Card 186, Q4 (DSJ-DT,3)
N of cases: 404
N of items: 16
Coding scheme: (1) Always. (7) Never.

Standardized: No
Missing values: 9
Items reverse coded: DSJ01034-49

1. Frequencies:
   Items v/> 80% in one category: None
   Items v/> 70% in one category: None

2. Reliabilities:

   Subscales          Items             Reliability (Alpha)
   Effective          DSJ01034,37,38,41,42,49  .9008 (.9607)
   Destructive        DSJ01036,39,40,43-48  .8502 (.8515)
   Destructive (Old)  DSJ01036,39,40,43,44,46-48 .9320 (.9330)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DSJ01036,39,40,43,44,46-48
   F2: DSJ01034,35,37,38,41,43,45,49

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecساب

Respondent: Sibling
Index title: Sibling's Interaction with Target.
Location in codebook: Card 186, Q5 (DS3-DT3-4)
N of cases: 404
N of items: 23
Coding scheme: (1) A Lot. (4) Not At All.

Standardized: No
Missing values: 9
Items reverse coded: DS301051, 55, 56, 58-61, 64, 65, 67-69, 72

1. Frequencies:

Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:

Subscales Items Reliability(Alpha)
Interact DS301050-72 .9076 (.9095)

3. Corrected Item Total Correlation < 0.2:

None

4. Factor Analysis:

# of eigenvalue > 1.0: 4
Type of Rotation: Oblimin
Absolute Item loadings > .5:

F1: DS301051, 52, 55, 56, 58, 60, 61, 64, 65, 67-69, 72
F2: DS301054, 63
F3: DS301057, 66, 70
F4: DS301053, 62

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsi4

Respondent: Sibling
Index title: Sibling's Prosocial and Antisocial Behavior of Target.
Location in codebook: Card 187, Q6 (DS3-DT,S)
N of Cases: 404
N of Items: 23
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.

Standardized: No
Missing values: 9
Items reverse coded: DS301073-95,97,100

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prosocial</td>
<td>DS301073,74,76,78,82,85,88,92,94,100</td>
<td>.8877 (.8888)</td>
</tr>
<tr>
<td>Antisocial</td>
<td>DS301075,77,79,81,83,84,86,87,90,93</td>
<td>.8819 (.8823)</td>
</tr>
<tr>
<td>Negative Att.</td>
<td>DS301095,97,99,99</td>
<td>.6688 (.6688)</td>
</tr>
<tr>
<td>Neuroticism</td>
<td>DS301078,87,89</td>
<td>.7197 (.7224)</td>
</tr>
</tbody>
</table>
* DS301078 was not recorded for 'Neuroticism' Subscale.

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 7
   Type of Rotation: Varimax
   Absolute Item loadings > .5:
   F1: DS301078,85,94,96,98,99,101
   F2: DS301077,81,86,90,93
   F3: DS301073,75,83,84,92
   F4: DS301074,76,88,100
   F5: DS301087,89
   F6: DS301097
   F7: DS301080

5. References:
   Developed for IYFP from diverse sources.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsib4

Respondent: Sibling
Index title: Sibling’s Behavior Towards Target.
Location in codebook: Card 187, Q7 (DS3-DT,6)
N of cases: 474
N of items: 9
Coding scheme: (1) Always. (7) Never.
Standardized: No
Missing values: 9
Items reverse coded: DS301103-111

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                        Items                      Reliability(Alpha)
   Hostility/Coercion               DS301103,05,06,10,11       .8844(.8858)
   Warmth/Support                  DS301104,07,08,09           .9159(.9181)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DS301103,05,06,10,11
   F2: DS301104,07,08,09

5. References:
   Developed by Dr. R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tecsb4

Respondent: Sibling
Index title: Sibling's Attitudes towards Abortion
Location in codebook: Card174, Q4 (DS2-DA,3)
N of cases: 404
N of items: 5
Coding scheme: (1) Definitely Acceptable (4) Definitely Unacceptable

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales       Items          Reliability(Alpha)
   Abortion        DS201064-68    .8311(.8313)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   P1: DS201066-68
   P2: DS201064-65

5. References:
   Developed for IYFP by R. Conger.
IQWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsib4

Respondent: Sibling
Index title: Sibling's Pubertal Development (Male).
Location in codebook: Card 187, Q10-12,Q18A,B (DS3-DT,8,10)
N of cases: 404
N of items: 5
Coding scheme: DS302001 (1) Has Not Yet Begun To Spurt.
(4) Seems Completed.
DS302002,12 (1) Has Not Yet Started Growing.
(4) Seems To Have Completed Growing.
DS302003,11 (1) Has Not Showed Changes.
(4) Changes Are Completed.

Standardized: Yes
Missing values: 9
Items reverse coded: None
1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Pubertal DS302001-03,11,12 .8740(.8741)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute Item loadings > .5:
   F1: All

5. References:
   3, 47-62
Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsib4

Respondent: Sibling
Index title: Sibling's Pubertal Development (Female).
Location in codebook: Card 187, Q10-12,15,16 (DS3-DT,8-9)
N of cases: 404
N of items: 5

Coding scheme:
- DS302001 (1) Has Not Yet Begun To Spurt.
- DS302002,06 (4) Seems Completed.
- DS302003 (1) Has Not Started Growing.
- DS302007 (4) Seems To Have Completed Growing.
- DS302007 (1) Has Not Showed Changes.
- DS302007 (4) Changes Are Completed.

Standardized: Yes
Missing values: 9
Items reverse coded: DS302007

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:
   - Subscales
     - Pubertal: DS302001-03, 06, 07
   - Reliability (Alpha): .8343 (.8344)

3. Corrected Item Total Correlation < 0.2:
   - None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute Item loadings > .5:
   - F1: All

5. References:
   - Puberty: Its measurement and its meaning. Journal and Early Adolescence 3, 47-52
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecsvb4

Respondent: Sibling
Index title: Sibling's Sexual Permissiveness.
Location in codebook: Card 188, Q19 (DS3-DT,12)
N of cases: 404
N of items: 5
Coding scheme: (1) Strongly Agree. (5) Strongly Disagree.

Standardized: No
Missing values: 9
Items reverse coded: DS302016-20

1. Frequencies:
   Items w/> 50% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales          Items          Reliability(Alpha)
   Permissive        DS302016-20         .8827(.8789)

3. Corrected Item Total Correlation < 0.2:
   None

4. References:

   David Reiss(1964), Scaling of premature sexual permissiveness.
   Journal of Marriage and Family, 26 :188-189.
Author: Wickrama/Lee
Date: 01/14/93
Data file: Tecmia4

Respondent: Sibling
Index title: Sibling's Sexual Involvement and Friends' Sexuality.
Location in codebook: Card 188, Q20-26 (DS3-DT,12-15)
N of cases: 404
N of items: 7
Coding scheme: DS303001 (1) Haven't Dated Yet (7) 3 Times A Week or More.
                        DS303002-04 (1) None Of Them. (4) Three Or More Of Them.
                        DS303005,29 (1) Yes. (2) No.
                        DS303028 (1) Often. (4) Never.

Standardized: Yes
Missing values: 9
Items reverse coded: DS303005,28,29

1. Frequencies:

   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales                      Items               Reliability(Alpha)
   Involvement                    DS303001,05,28,29  .8787(.8785)
   Friends' Sexuality             DS303002,03,04     .7639(.7639)

3. Corrected Item Total Correlation < 0.2:

   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute Item loadings > .5:
   F1: DS303001,02,03,28,29
   F2: DS303003,04

5. References:

   Developed by R. Conger for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report - Wave4

Author: Wickrama/LEE
Date: 01/04/93
Data file: Tecsib4
Respondent: Sibling
Index title: Sibling's Report on School Commitment
Location in codebook: Card 177, Q20 (DS2-DA.15,16)
N of cases: 404
N of items: 21
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS204013-16,27-28

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good Student</td>
<td>DS204014, 21, 23, 25, 26, 31</td>
<td>.9308 (.9319)</td>
</tr>
<tr>
<td>Hard Working</td>
<td>DS204017-19, 28-30</td>
<td>.7779 (.7697)</td>
</tr>
<tr>
<td>Likes School</td>
<td>DS204012, 13, 15, 16</td>
<td>.8335 (.8333)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute Item Loading > 0.5
   F1: DS204014, 19, 21, 23-25, 30-32
   F2: DS204028
   F3: DS204012, 13, 15, 16, 27
   F4: DS204020

5. References
   Developed from diverse for IYFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 3/18/93
Data file: TecSib4

Respondent: Sibling
Index title: Sibling's Report on School Environment
Location in codebook: Card178, Q23, 24, 26 (DS2-DA, 17-19)
N of cases: 404
N of items: 37

Coding scheme:
- Q23 (1) A very serious problem
- Q24 (1) Not well at all
- Q26 (1) Strongly Agree

No problem at all
- Q24 (4) Very well

Strongly Disagree
- Q26 (5)

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   - Items w/ > 80% in one category: DS204052, 53, 62
   - Items w/ > 70% in one category: DS204051, 55, 60

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teachers</td>
<td>DS204074, 75, 78-83</td>
<td>0.9850 (0.9853)</td>
</tr>
<tr>
<td>Students</td>
<td>DS204035-42</td>
<td>0.9918 (0.9920)</td>
</tr>
<tr>
<td>Substance Access</td>
<td>DS204036, 37, 40, 46-48, 77, 86, 88</td>
<td>0.9856 (0.9873)</td>
</tr>
<tr>
<td>Substance Access Old Scale</td>
<td></td>
<td>0.9733 (0.9755)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   - None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 8
   - Type of Rotation: Varimax
   - Absolute Item Loading > 0.5
     - F1: DS204045-51, 54-61
     - F2: DS204073-75, 78-84
     - F3: DS204035-44
     - F4: DS204036, 37, 40, 86, 88

5. References:
   - Developed from diverse sources for IYFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/19/93
Data file: Tec9ib4

Respondent: Sibling
Index title: Sibling's Report About School
Location in codebook: Card176, Q26 (DS2-DA,19)
N of cases: 404
N of items: 16
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DS2C4373-75,85-94: Teachers
   F2: DS2C4977,86-88: Access to Drugs
   F3: DS2C4976,85: School Pride

5. References:
   Developed for IYFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling's Household Chores
Location in codebook: Card 181, Q51 (DS2-DA, 51)
N of cases: 404
N of items: 15
Coding scheme: DS205117-131 (1) Never (5) Always

Standardized: No
Meaning values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

   Subscales       Items       Reliability(Alpha)
   Household Chores DS205117-131             .8261 (.8315)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 4
   Type of Rotation: Oblimin
   Absolute Item Loading > 0.5:
   F1: DS205119, 122, 126, 127
   F2: DS205121, 123, 125
   F3: DS205117, 118
   F4: DS205124, 129

5. References:
Author: Wickrama/LEE
Data file: Tecsil4
Respondent: Sibling
Index title: Sibling’s Report on Relation with Target
Location in codebook: Card 186, Q2a-c (DS1-DA,1,2)
N of cases: <D4
N of items: 3
Coding scheme: Q2a 1 Very Satisfied (4) Very Dissatisfied
            Q2b 1 Very Happy (4) Very Unhappy
            Q2c 1 A Lot (4) Not at all

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ 80% in one category: None
   Items w/ 70% in one category: None

2. Reliabilities:
   Subscales                      Items    Reliability(Alpha)
   Relation with Sibling          DS301007-09  .8532(.8691)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item Loading > 0.5
   F1: DS301007-09

5. References
   Developed by R. Conger for IVPP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tecsidb4

Respondent: Sibling
Index title: Sibling's Job Satisfaction
Location in codebook: Card179, Q43 (DS2-DA,27)
N of cases: 494
N of items: 9
Coding scheme: (1) Not At All True (5) Very True

Standardized: No
Missing values: 9
Items reverse coded: DS205053-56,58,59

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales  Items  Reliability(Alpha)
   Job Satisfaction  DS205052-60  .7969(.8032)

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalues > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5
   F1: DS205053,55,56,58,59
   F2: DS205052,54,57

5. References:
   Developed for IYFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecsib4
Respondent: Sibling
Index title: Sibling's Report On Negative Attribution Of Father
Location in codebook: Card 167, Q29 (DS1-DA, 18)
N of cases: 404
N of items: 6
Coding scheme: DS103092-97 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS103092, 93, 96

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                  Items                  Reliability (Alpha)
   Negative Attribution      DS103092-97    .3292 (.3305)

3. Corrected Item Total Correlation < 0.2:
   DS103096, 97

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: OBlimin
   Absolute item Loading > 0.5:
   F1: DS103092-95
   F2: DS103096, 97

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/15/93
Data file: TeCSl4

Respondent: Sibling
Index title: Sibling's Report On Negative Attribution Of Mother
Location in codebook: Card 165, Q18 (DS1-DA,11)
N of cases: 404
N of items: 6
Coding scheme: DS102092-97 (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS102092, 93, 96

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

    Item       Reliability (Alpha)
    ---------------  -----------------
    Negative Attribution    DS102092-97     .3207 (.3503)

3. Corrected Item Total Correlation < 0.2:
   DS102096, 97

4. Factor Analysis:

   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
      F1: DS102092-95
      F2: DS102096, 97

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 08/16/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling's Hostility/Warmth Towards Mother
Location in codebook: Card 165, Q22 (DS1-DA,13)
N of cases: 404
N of items: 9
Coding scheme: DS102101-109 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:

Items w/ > 60% in one category: None
Items w/ > 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (α)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hostility</td>
<td>DS102101,103,104,108,109</td>
<td>.8096 (.8068)</td>
</tr>
<tr>
<td>Warmth</td>
<td>DS102102,105-107</td>
<td>.9317 (.9326)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2:

None

4. Factor Analysis:

# of eigenvalue > 1.0: 2
Type of Rotation: Oblimin
Absolute item loading > 0.5:
F1: DS102102,105-107
F2: DS102101,103,104,108,109

5. References:

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecsi4

Respondent: Sibling
Index title: Sibling’s Independence Scale From Mother
Location in codebook: Card 165, Q19-21 (DS1-DA, 12)
N of cases: 404
N of items: 3
Coding scheme:
- DS102098 (1) Very Independent (5) Not At All Independent
- DS102099 (1) Always (5) Never
- DS102100 (1) She Just Tell Me What To Do (7) She Doesn’t Care What I Do.

Standardized: No
Missing values: 9
Items reverse coded: DS102098, 99, 100

1. Frequencies:
   - Items w/> 80% in one category: None
   - Items w/> 70% in one category: None

2. Reliabilities:
   - Subscales: Independence
     - Items: DS102098-100
     - Reliability (Alpha): .3812 (.4824)

3. Corrected Item Total Correlation < 0.2:
   - DS102099

4. Factor Analysis:
   - # of eigenvalue: 1
   - Type of Rotation: Unavailable
   - Absolute item loading: > 0.5:
     - F1: All

5. References:
IGRA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Viokrama/Lee
Date: 03/16/93
Data file: Tec3ib4

Respondent: Sibling
Index title: Sibling's Hostility/Warmth Towards Father
Location in codebook: Card 167, Q33 (DS1-DA, 20)
N of cases: 404
N of items: 9
Coding scheme: DS103101-109 (1) Always (7) Never

Standardized: No
Missing Values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 85% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales           Items       Reliability(Alpha)
   ------------------- ----------- -------------------
   Hostility           DS103101,103,104,108,109  .8248 (.8248)
   Warmth              DS103102,105-107  .9244 (.9253)

3. Corrected Item Total Correlation < 0.7:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
     F1: DS103102,103-107
     F2: DS103101,103,104,108,109

5. Reference:

   Conger, R. D. (1963) Developed for IYFP.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Wave 4

Author: Wickram/Lee
Date: 03/16/93
Data file: Tcscib4

Respondent: Sibling
Index title: Sibling’s Responsibility Scale
Location in codebook: Card 180, Q50 (DS2-DA,31)
N of cases: 404
N of items: 9
Coding scheme: DS205108-116
(1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS205109,111,115

1. Frequencies:
    Items w/> 85% in one category: None
    Items w/ > 70% in one category: None

2. Reliabilities:

    Subscales: Responsibility
    Items: DS205108-116
    Reliability (Alpha) = .6922 (.7078)

3. Corrected Item Total Correlation < 0.2:
    None

4. Factor Analysis:

    # of eigenvalue > 1.0: 2
    Type of Rotation: Oblimin
    Absolute item Loading > 0.5:
    F1: DS205108,110,111,112,115
    F2: DS205109,113,115

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: recsib4

Respondent: Sibling
Index title: Sibling's Friends Suicide Scale
Location in codebook: Card 188, Q30 (DS3-DA, 17)
N of cases: 404
N of items: 6
Coding scheme: DS304001-06 [1] Never (4) 3 Or More Times

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: DS304004, 06

2. Reliabilities:
   Subscales Items Reliability(A.pha)
   Friend Suicide DS304001, 03, 05 .6734 (.7025)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item Loading > 0.5:
     F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT  
Preliminary Technical Report

Author: Wickrama/Lee  
Date: 03/16/93  
Data file: Tecsib4

Respondent: Sibling  
Index title: Sibling's Post-Traumatic Stress  
Location in codebook: Card 189, Q33e (DS3-0T,21)  
N of cases: 404  
N of items: 17  
Coding scheme: DS304043-59  
(1) No  
(4) Yes, I Still Have These Feelings

Standardized: No  
Missing values: 9  
Items reverse coded: None

1. Frequencies:  
   Items w/> 80% in one category: None  
   Items w/> 70% in one category: None

2. Reliabilities:  
   Subscales: Post-Traumatic Stress DS304043-59  
   Items: Reliability(Alpha) .9245(.9263)

3. Corrected Item Total Correlation < 0.2:  
   None

4. Factor Analysis:  
   # of eigenvalue > 1.0: 4  
   Type of Rotation: Oblimin  
   Absolute item loading > 0.5:  
   F1: DS304043-46,48,49  
   F2: DS304051-55  
   F3: DS304057-59  
   F4: DS304047,50

5. References:  
IOWA YOUTH AND FAMILIES PROJECT

Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecdib4

Respondent: Sibling
Index title: Sibling's Report On Father's Behavior Towards Mother
Location in codebook: Card 168, Q46 (DS1-DA,24)
N of cases: 404
N of items: 9
Coding scheme: DS104021-29 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:

Items w/> 80% in one category: None
Items w/> 70% in one category: None

2. Reliabilities:

Subscales Items Reliability(Alpha)
Hostility DS104021,23,24,28,29 .8392 (.8309)
Warmth DS104022,25-27 .9493 (.9494)

3. Corrected Item Total Correlation < 0.2:

None

4. Factor Analysis:

# of eigenvalue > 1.0: 2
Type of Rotation: Oblimin
Absolute item Loading > 0.5:
F1: DS104024,25-27
F2: DS104021,23,24,28,29

5. References:

TOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wyckrama/Lee
Date: 03/16/93
Data file: TecSib4

Respondent: Sibling
Index title: Sibling's Report On Mother's Behavior Towards Father
Location in codebook: Card 168, 047 (DS1-DA,25)
N of cases: 404
N of items: 9
Coding scheme: DS104030-38 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                       Items                      Reliability(Alpha)
   Hostility                      DS104030,32,33,37,38              .8621(.8541)
   Warmth                         DS104031,34-36                  .9569(.9571)

3. Corrected Item Total Correlation < 0.2: None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DS104031,34-36
   F2: DS104030,32,33,37

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tecsi4

Respondent: Sibling
Index title:Sibling's Report On Parents' Religiosity
Location in codebook: Card174, Q8 (DS2-DA,5)
N of cases: 404
N of items: 6
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS202006-16

1. Frequencies:
   Items w/> 90% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability(Alpha)
   Father's Religion DS202006,07,16 .6743(.6536)
   Mother's Religion DS202009,10,15 .7881(.7883)

3. Corrected Item Total Correlation < 0.2 None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DS202006,07,09,10,15
   F2: DS202015

5. References:
   Developed for IYFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama
Date: 03/18/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling’s Job Pressure Scale
Location in codebook: Card179, Q41 (DS2-DA, 27)
N of cases: 424
N of items: 5
Coding scheme: (1) Never (5) Always

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability (Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job Pressure</td>
<td>DS205046-50</td>
<td>.6704 (.6661)</td>
</tr>
</tbody>
</table>

3. Corrected Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DS205046-49
   F2: DS205046-50

5. References:
   Developed for IYFP by R. Conger.
Author: Wickrama
Date: 03/18/91
Data file: Tecsid4

Respondent: Sibling
Index title: Sibling's Job Match With Education
Location in codebook: Card179, Q46 (DS2-DA,28)
N of cases: 404
N of items: 14
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Items</th>
<th>Reliability(Alpha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parents Approval</td>
<td>DS205069, 70, 73, 76</td>
<td>.7843 (.8697)</td>
</tr>
<tr>
<td>Match With Education</td>
<td>DS205091, 72, 75</td>
<td>.7480 (.7491)</td>
</tr>
</tbody>
</table>

3. Correlated Item Total Correlation < 0.2
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5
   F1: DS205069, 70, 73, 76
   F2: DS205091, 72, 75

5. References:
   Developed for IVFP by R. Conger.
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecsi4
Respondent: Sibling
Index title: Sibling's Report On Best Friends' Hostility/Warmth
Location in codebook: Card 183, Q55c (DS2-DA, 39)
N of cases: 404
N of items: 5
Coding scheme: DS207013-21 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales               Items               Reliability(Alphas)
   Hostility              DS207013,15,16,20,21  .7906 (.7076)
   Warmth                 DS207014,17-19          .6346 (.6559)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DS207013,15,16,20
   F2: DS207014,17
   F3: DS207018,19

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickram/Lee
Date: 03/16/93
Data file: Tcshlab

Respondent: Sibling
Index title: Sibling's Behavior Towards Best Friends
Location in codebook: Card 103, Q55g (DS2-DA,40)
N of cases: 404
N of items: 9
Coding scheme: DS207025-13 (1) Always (7) Never

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   - Items w/ > 80% in one category: None
   - Items w/ > 70% in one category: None

2. Reliabilities:

Subscales | Items | Reliability (Alpha)
--- | --- | ---
Hostility | DS237025,27,28,32,33 | .8238 (.8331)
Warmth | DS207026,29-31 | .6761 (.6686)

3. Corrected Item Total Correlation < 0.2:
   - None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 3
   - Type of Rotation: Oblimin
   - Absolute item loading > 0.5:
     - F1: DS2407025,27,28,32,33
     - F2: DS207026,29
     - F3: DS207030,31

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecsiib4

Respondent: Sibling
Index title: Sibling's Relationship With Best Friends
Location in codebook: Card 183, Q55d-f (DS2-DA, 39)
N of cases: 404
N of items: 3
Coding scheme: DS207022 (1) Very Satisfied (4) Very Dissatisfied
DS207023 (1) Very Happy (4) Very Unhappy
DS207024 (1) A Lot (4) Not At All

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Sub-scales
   Relationship
   Items DS207022-24
   Reliability(Alpha) .8623(.8647)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling’s Farming Satisfaction
Location in codebook: Card 185, Q70 (DS2-DA,49)
N of cases: 404
N of items: 7
Coding scheme: (1) Strongly Agree (5) Strongly Disagree
Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales  Items  Reliability (Alpha)
   Farming Satisfaction  DS209019-25  .6512 (.6342)

3. Corrected Item Total Correlation < 0.2:
   DS209023

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DS209019, 20, 22, 24, 25
   F2: DS209021, 23

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 01/16/93
Data file: Tecsib4

Respondent: Sibling
Index title: Sibling's Readiness To Leave School
Location in codebook: Card 185, Q71 (DS2-DA, 49)
Number of cases: 404
Number of items: 6
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS209026, 27, 29, 30

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:
   Subscales: Items
   Ready to Leave School: DS209026-31
   Reliability (Alpha) = 0.7764 (.7763)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
     Pl: All

5. References:
Author: Wickrama/Lee
Date: 03/16/92
Data file: TecSib4

Respondent: Sibling
Index title: Sibling’s Report On Sexual Acts
Location in codebook: Card 188, Q19 (DS3-DA,12)
N of cases: 404
N of items: 5
Coding scheme: (1) Strongly Agree (5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   Items w/> 90% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability (Alpha)
   Sexual Acts DS302016-20 .9049 (.9038)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Winkrams/Lee
Date: 03/16/93
Data file: TecSib4

Respondent: Sibling
Index title: Sibling's Behavior Towards Girl/boy Friend
Location in codebook: Card 188, Q24f (DS3-DA, 14-15)
N of cases: 404
N of items: 9
Coding scheme: (1) Always (7) Never
Standardized: No
Missing values: 9
Items reverse coded: All

1. Frequencies:
   
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales             Items                Reliability(Alpha)
   Hostility             DS303019, 21, 22, 26, 27  .7660 (.7201)
   Warmth                DS303020, 23-25         .7148 (.7216)

3. Corrected Item Total Correlation < 0.2:
   
   Hostility: DS303027
   Warmth: DS303023

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DS303020, 24, 25
   F2: DS303019, 21, 22, 26
   F3: DS303023, 27

5. References:

IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: TecSib4

Respondent: Sibling
Index title: Sibling’s Report On Authoritarian Parenting Scale
Location in codebook: Card 188, Q31 (DS3-DT,18)
N of cases: 404
N of items: 8
Coding scheme: DS304007-14

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                        Items Authoritarian Parenting DS304007-14
   Reliability(Alpha)              .8752(.8757)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 1
   Type of Rotation: Unavailable
   Absolute item loading > 0.5:
   F1: All

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 04/21/93
Data file: Tecsi1b4

Respondent: Sibling
Index title: Sibling's CES-D Depression
Location in codebook: Card189, Q32 (DS3-DT, 19)
N of cases: 404
N of items: 26
Coding scheme: DS304015-34 (1) Rarely or None (4) More or All Of The Time
Standardized: No
Missing values: 9
Items reverse coded: DS304018, 22, 26, 30

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:

   Subscales   Items       Reliability(Alpha)
   CES-D       DS304015-34   .9017(.9215)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   F1: DS304015-17, 19, 20, 23-25, 28, 31, 32, 34
   F2: DS304029, 13
   F3: DS304018, 22, 26, 30

5. References:
Author: Wickrama/Lee
Date: 01/15/93
Data file: TecSib4

Respondent: Sibling
Index title: Sibling’s Recent Use of Substances

Location in codebook: Card 190, Q35 (DS1-DT,23)
N of cases: 404
N of items: 10
Coding scheme: DS104068-77 (1) Never (6) Every Day

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DS304073,74,76,77

2. Reliabilities:
   Subscales | Items | Reliability(Alpha)
   Recent Drinking | DS304069-72,75 | .9537(.9559)
   Recent Drug Use | TS304073,74,77 | .7959(.8655)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item Loading > 0.5:
   f1: DS304068-72,75
   f2: DS304073,74,76,77

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Data: 07/16/84
Data file: Tecsid4

Respondent: Sibling
Index title: Sibling’s Report on Friends’ Approval for Anti-Social Acts
Location in codebook: Card 190, Q36 (DS3-DA,23)
N of cases: 404
N of items: 13
Coding scheme: DS304078-90
(1) Tell You To Stop
(5) Approve and Encourage To Continue

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 85% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales                         Items      Reliability(Alpha)
   Approval                         DS304078-90 .9127(.9227)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute Item Loading > 0.5:
   F1: DS304078-82
   F2: DS304036, 87, 89
   F3: DS304085-85, 88, 90

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecsb4

Respondent: Sibling
Index title: Sibling's Report On Parents' Approval for Anti-Social Acts
Location in codebook: Card 190, Q37 (DS3-DA,24)
N of cases: 404
N of items: 13
Coding scheme: DS304091-103
              (1) Tell You To Stop
              (5) Approve And Encourage To Continue

Standardized: No
Missing Values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: DS304091,93-102

2. Reliabilities:

   Subscales:
   Approval: Items DS304091-103
   Reliability (Alpha): .9339 (.9541)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:

   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DS304091,91-96,99,100,102
   F2: DS304097,90,101,103

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecsb4

Respondent: Sibling
Index title: Sibling's Report On Father As A Role Model
Location in codebook: Card 290, Q38 (DS3-DA, 24)
N of cases: 404
N of items: 9
Coding scheme: DS304104-112
(1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS304104, 107, 108

1. Frequencies:
   Items w/ 80% in one category: None
   Items w/ 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability (Alpha)
   Father As A Role Model DS304104-112 .6498 (.6846)

3. Corrected Item Total Correlation < 0.2:
   DS304107

4. Factor Analysis:
   # of eigenvalue > 1.0: 3
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DS304105, 106, 112
   F2: DS304104, 108, 110, 111
   F3: DS304107

5. References:
Author: Wickrama/Lee
Date: 03/15/93
Data file: T4cslb4

Respondent: Sibling
Index title: Sibling’s Report On Mother As A Role Model
Location in codebook: Card 190, Q39 (DS3-DA25)
N of cases: 404
N of items: 9
Coding scheme: DS304113-121
(1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: DS304113,116,117

1. Frequencies:
- Items w/ > 80% in one category: None
- Items w/ > 70% in one category: None

2. Reliabilities:
- Subscales: Items
  - Mother As A Role Model: DS304113-121
- Reliability(Alpha): 0.6524 (.7264)

3. Corrected Item Total Correlation < 0.2:
  - DS304116

4. Factor Analysis:
   - # of eigenvalue > 1.0: 3
   - Type of rotation: oblimin
   - Absolute item loading > 0.5:
     - F1: DS304115,119-121
     - F2: DS304113,116,117
     - F3: DS304114,118

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tec51b4

Respondent: Sibling
Index title: Sibling's Attitudes on Drinking
Location in codebook: Card 190, Q40 (DS3-DA, 29)
N of cases: 404
N of items: 13
Coding scheme: DS304122-134

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/> 80% in one category: None
   Items w/> 70% in one category: None

2. Reliabilities:
   Subscales Items Reliability (Alpha)
   Drinking DS304122-134 .9617 (.9649)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Varimax
   Absolute item loading > 0.5:
   F1: DS304124, 125, 127-131, 133, 134
   F2: DS364123-127, 131, 132, 134

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/93
Data file: Tecsb4

Respondent: Sibling
Index title: Sibling's Attitudes On Drug Use
Location in codebook: Card 191, Q41 (DS1-DA,26)
N of cases: 404
N of items: 13
Coding scheme: DS304135-147 (1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   Items w/ > 80% in one category: None
   Items w/ > 70% in one category: None

2. Reliabilities:

Subscales: Drug Use
           Items: DS304135-147

Reliability(Alpha): .9690(.9750)

3. Corrected Item Total Correlation < 0.2:
   None

4. Factor Analysis:
   # of eigenvalue > 1.0: 2
   Type of Rotation: Oblimin
   Absolute item loading > 0.5:
   F1: DS304137, 138, 140-147
   F2: DS304135, 136, 139

5. References:
IOWA YOUTH AND FAMILIES PROJECT
Preliminary Technical Report

Author: Wickrama/Lee
Date: 03/16/95
Data file: Tecslb4

Respondent: Sibling
Index title: Sibling's Life Satisfaction
Location in codebook: Card 191, Q44 (DS3-DA,27)
N of Cases: 404
N of items: 5
Coding scheme: DS304153-157 (1) Strongly Agree
(5) Strongly Disagree

Standardized: No
Missing values: 9
Items reverse coded: None

1. Frequencies:
   - Items w/ > 80% in one category: None
   - Items w/ > 70% in one category: None

2. Reliabilities:
   - Subscales: Items
     Life Satisfaction: DS304153-157
     Reliability(Alpha): 0.8831(0.8865)

3. Corrected Item Total Correlation < 0.2:
   - None

4. Factor Analysis:
   - # of eigenvalue > 1.0: 1
   - Type of Rotation: Unavailable
   - Absolute item loading > 0.5:
     F1: All

5. References: