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# Fathering Appraisals as Predictors Of Children's Stability and **Positive Faith Attitudes**

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## Fathering Appraisals as Predictors Of Children's Stability and Positive Faith Attitudes

by

Leslie Gambill Brost, MA

Presented to the Faculty of the
Graduate School of Clinical Psychology
George Fox University
in partial fulfillment
of the requirements for the degree of
Doctor of Psychology
in Clinical Psychology

Newberg, Oregon

November 17, 2000

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has been approved

at the

Graduate School of Clinical Psychology

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As a Dissertation for the Psy.D. degree

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#### Abstract

Twenty-eight children (15 male, 13 female, mean age 11.36) and their fathers (mean age 43.11), from various communities in the Western United States, participated as dyads. Fathers completed demographic questions, the Short Version Seven Secrets Survey for Fathers (Roid & Canfield, 1994), and selected questions from the New Personal Fathering Profile (Roid & Canfield, 1999). Children completed a revised Short Version Seven Secrets Survey for Fathers and the Francis Scale of Attitude Towards Christianity (Francis, 1989). Fathers and children completed a shortened version of Factor IV: Emotional Stability from the International Personality Item Pool (Goldberg, 1997). Children's fathering appraisals were anticipated to be superior to fathers' for predicting children's emotional stability and positive faith attitudes. The extent to

which fathers' and children's appraisals of father effectiveness were associated was investigated. Revised measures were assessed for internal consistency.

Children's positive fathering appraisals, both globally and with regard to spiritual input, were positively correlated (p < .05) with their faith attitudes (r = .394; r = .435, respectively), but not with their stability. The fathers' self-appraisals were not associated with either children's stability or faith attitudes. Therefore, children's fathering appraisals were the better predictor for faith attitudes and neither groups' appraisals predicted children's stability. The responses to the two versions of the Seven Secrets Survey were partially associated. The two groups' total Father Effectiveness scores were correlated (r = .55, p < .01). Additionally, four of their "same dimension" scores were significantly related (r = .48 - .68, p < .01 - .05).

The 31-item children's version of the father effectiveness scale produced initial reliabilities ranging from .52 to .83. Deletion of two weak items increased the range to .61 to .83. Total Father Effectiveness reliability was .91. The selected New Personal Fathering Profile scales showed reliabilities ranging from .76 to .90. The 24-item Stability factor produced a reliability of .83 with fathers but only .60 with children. The reliability of the children's Stability factor increased to .70 with the removal of nine weak items.

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## Chapter One

#### Introduction

The overall purpose of the current research is to add to the body of data concerning the unique role of fathers in child development. More specifically, this researcher is interested in helping delineate the role of fathers in intact biological families. However, it is important to gain an overview of the history of fathering research in order to proceed with the project at hand. Therefore, the bulk of this introduction is dedicated to such an overview.

## Fathers and Child Development

While studies in the area of the parental role in child development are extensive, most have focused on the influential role of the mother (Lamb, 1975). The move to include the father as a unique parenting influence is a fairly recent trend (Lamb, 1981). In response to the climbing divorce rate and a substantial increase in out-of-wedlock births, early fathering researchers sought to discover the impact upon children when fathers are absent from the home. Literature reviews of father absence research (e.g., Johnson, 1993), suggest that the children of absent fathers are at significant risk for a variety of emotional and behavioral problems. Emotionally, for instance, father-absent children are more likely to demonstrate low self-esteem, uncontrolled anger,

heightened anxiety, and intense feelings of loneliness. Behaviorally, these same children frequently have social skill deficiencies, disturbed conduct, and poor academic progress.

More recent reviews of fathering research describe several contributing factors associated with father absence, which the reviewers believe account for the negative developmental outcomes delineated above (Biller & Kimpton, 1997; Gottman, 1997). These reviewers describe the argument of some researchers, that virtually all of the reported negative consequences of father absence can be attributed to the effects of an economically impoverished environment; single-parent mothers and their children are often in the lowest economic strata of our society. Other researchers represented in the reviews concur that economic factors are important consideration and always need to be considered. However, these researchers do not agree that such factors are sufficient to explain all of the negative outcomes. The reviewers report that even in studies that have controlled for economic factors father-absent children remain at significant risk compared to their father-present peers.

The Biller and Kimpton (1997) and Gottman (1997) reviews suggest that there are two additional factors that account for much of the relationship between father absence and negative outcomes in children. The first of these factors, as stated by Biller and Kimpton, is that "children who have the two-parent advantage are exposed to a wider range of interests, activities, and adaptive behaviors, increasing the likelihood that they will have a broader repertoire of competencies than those with only one psychologically active parent" (1997, p. 143, emphasis in the original).

Here it should also be noted that not only do father-absent children lose that important second parent they are likely to receive significantly less interaction with the first parent than do children in two-parent families. This outcome is simply a logistical reality given that the demands of daily living and child-care fall on the shoulders of one individual. Additionally, the remaining parent may have fewer emotional resources for his/her child if he/she is grieving the loss of the partnership (Biller & Kimpton, 1997).

## Fathers' Parenting Style

Lest the last two paragraphs suggest that fathers function only as an "assistant mom" (Gottman, 1997, p. 169), or that any co-parenting partner will do, it is important to look at the second additional component which Biller and Kimpton (1997) and Gottman (1997) believe to be related to the negative consequences of father absence. Specifically, these reviewers assert that although males and females engage in many similar parenting behaviors, there are in fact important differences in their parenting styles.

As one example, it has been found that in comparison to mothers, fathers touch their babies more and talk to them less. As children grow fathers are likely to enter into an even more "raucous style of 'horseplay'" (Gottman, 1997, p.170), where they might "become" a frightening animal or zoom the child through the air for a "roller coaster ride." These experiences are believed to play a profound role in helping

children learn about their emotions, including how to manage scary feelings and the emotional arousal that accompanies them. In addition, the child begins to develop important social skills as she/he learns to initiate and engage in play appropriately. Further, the child learns to read the father's cues about when it is time to calm down and how to "recover" from the excitement of play (Gottman, 1997).

It should be clearly stated that the mere presence of a man in the home is not an adequate inoculation against negative outcomes in children. The real issue is that fathers need to be truly "present" with their children; they need to be physically and psychologically available. In fact, it has been determined that children whose fathers are physically present, but emotionally distant, rejecting, or abusive, are at greater risk for negative outcomes than those who have no contact with their fathers (Rohner & Cournoyer, 1994; Biller & Kimpton, 1997). This last statement provides an avenue through which to shift the discussion to one more directly related to the current study, specifically, father-involvement research.

## Father-Involvement

The investigation of positively involved fathers' contributions to child development began during the mid-1970s. Initially the focus was upon discovering which mother-father relational dynamics were likely to predict whether or not fathers became involved with their infants. Such research revealed that mothers serve as "gatekeepers" to fathers' involvement. If mothers are either unwilling to allow interaction, or are too critical of the new fathers' attempts to interact, the fathers are

likely to give up quickly. Such a truncation of involvement tends to set the tone for fathers' future behavior with their children. Conversely, when mothers encourage fathers' care-taking and involvement activities, fathers are likely to interact more with their infants initially as well as continuing their involvement as the children grow (Lamb, Pleck, Charnov, & Levine, 1987).

For school-aged children, the presence of an involved male parent has been found to be predictive of a variety of positive outcomes. For instance, father-involved children are better able to meet the new challenges of school with "confidence and competence" (Biller & Kimpton, 1997, p. 144). In general, fathering research indicates that the children of present, nurturing, involved fathers are more likely than their father-absent peers to demonstrate intellectual/cognitive competence, academic success, strong social and problem solving skills, emotional stability, enhanced self-esteem, a positive body-image and a strong moral character. Further good news is that the presence of an involved step-father is predictive of similar outcomes (Biller & Kimpton, 1997; Rohner, 1990; Rohner & Cournoyer, 1994).

Several approaches to gathering reports about fathering behavior have been employed in the literature. Perhaps not surprisingly, the mother and the child are often the ones to assess the father's effectiveness as a parent (e.g., Rohner & Cournoyer, 1994). Another approach has been to correlate fathers' reports of involvement with different aspects of their children's psychological development. Retrospective methods have also been used, where adolescent or adult participants were asked to

remember back to a specific period of their childhood and make appraisals of their

fathers' effectiveness (e.g., Reuter & Biller, 1973; Brost & Johnson, 1995).

These and similar studies provide valuable information. However, comparisons must be made between fathers' and children's appraisals on the same dimensions of effective fathering in order to discern whose appraisals are the better predictors of outcomes in the children. Such comparisons of father and child appraisals are somewhat lacking in the literature. The desire to make such a comparison and to see which perception best predicts positive outcomes in children was one impetus for the current study. Before moving on to a discussion of the methods involved in the current project, one more vein of fathering research needs to be explored, specifically, the relationship between fathering behaviors and spirituality in children.

### Fathers and Spirituality

Most parents, it is assumed, desire to raise emotionally healthy, capable, children. A part of this process is imparting values to them. Whether this is a more or less intentional activity depends upon the parents. One could assume that Christian parents also desire to raise healthy, capable children. In addition, they are likely to desire a healthy spiritual life for their children. Due to the intense influence of the larger culture, Christian parents often take a very direct approach to instilling Christian values in their children. Biblically, this idea can be supported by the scriptural passage, "Train a child in the way he should go, and when he is old he will not turn from it" (Proverbs 22:6, New International Version).

Many of the more conservative branches of the Christian church believe that fathers are to be the spiritual leaders of the home, and therefore responsible in a large part for imparting Christian values to their children. Support for such a view may come from the biblical injunction, "Fathers do not exasperate your children; instead, bring them up in the training and instruction of the Lord" (Ephesians, 6:4). Has research indicated that fathers play a particularly influential role in the spiritual development of their children?

Hood, Spilka, Hunsberger, and Gorsuch (1996) did a review of the research relating to parental influence upon the children's religious socialization. In general, young adults and adults reported that their mothers, their churches, and their fathers were the top three influences, respectively. The reviewers are willing to state that in Western culture mothers may be most influential because Western women tend to be more religious than Western men. However, they propose that the "seemingly contradictory conclusions in the literature concerning the relative importance of mothers and fathers in religious socialization" (p. 79) may be accounted for in other ways.

It is quite possible, as with other aspects of child development, that the differences in the male and female parenting styles may lead to differential spheres of influence in spiritual development as well. Further, perhaps each parent's level of influence changes across the developmental lifespan. For example, mothers might be the primary influence initially and fathers may serve as the important role model for continuation of development in that direction. Specifically, if the father's view is

development of a similar spiritual attitudes or views. On the other hand, if the father's view is incongruent with these other influences he is likely to serve as a model for a rejection of those attitudes and beliefs. Hood, Spilka, Hunsberger, and Gorsuch (1996) indicate that further research is needed to better delineate the differential roles mothers and fathers play in the religious socialization of their children.

An unpublished pilot study (Brost, Smith, & Grant, 1998) was conducted to examine whether or not particular fathering attributes or behaviors are predictive of positive faith attitudes in children. The goal was to measure the relationship between adolescents' attitude towards the Christian faith and appraisals of their fathers' effectiveness. Two measures were used. The first measure was the Francis Scale of Attitude Towards Christianity (Francis, 1989). The second was a revision of the Seven Secrets Survey for Fathers (Roid & Canfield, 1994). The Seven Secrets Survey for Fathers was developed as a tool for men to assess the effectiveness of their fathering behaviors. The items were reworded, for the pilot study, to allow adolescents to make appraisals of their fathers' effectiveness. The resulting measure was named the Seven Secrets Survey for Adolescents.

The participants in the pilot study were 24 adolescents from a nondenominational Christian youth group in the Pacific Northwest. No significant correlations were found between the data sets from the measures. However, it was believed that four extreme outliers in the otherwise homogenous and top-heavy data had a moderating effect upon the significance of the findings. When the four outliers were removed from the data set a significant positive correlation was found between the adolescent generated total Father Effectiveness Score and their Christian Attitude score,  $\underline{r} = .528$ ,  $\underline{p} = .017$ , significant at  $\underline{p} < .05$ . This finding indicates that as children's appraisals of their fathers' effectiveness increased, so did the children's self-report of a positive attitude towards Christianity. A desire to replicate and expand this pilot study was the second important impetus for the current project.

## Goals of the Current Study

It was proposed that data were to be collected from both fathers and children. The fathers' inclusion would generate information that might be difficult for children to provide (e.g., demographics and questions regarding the fathers' families of origin). Additionally, the fathers' participation would allow for comparisons between their own and their children's appraisals of their effectiveness as fathers. Finally, inclusion of the fathers was also necessary to allow for a comparison between fathers' and children's fathering appraisals and the children's data regarding their emotional stability and their Christian attitudes.

The primary goal of the current study was to answer two specific research questions. First, would the fathers' and the children's appraisals of father effectiveness be significantly associated? And second, which groups' appraisals of father effectiveness would be the best predictor of emotional stability and positive faith attitudes in the children? The secondary goal was to establish the reliability of those measures that had to be revised for use in the current project.

#### Chapter Two

#### Methods

## Participants

Christian fathers and their school-aged children (10 to 15 years old) were the target population for this correlational research project. However, neither fathers nor children were required to give an explicit statement of religious affiliation in order to be included in the sample. For the purposes of the study 'father' was defined as any male biological, step, adoptive, or foster parent who resided with the participating child at least part time.

The lower age limit for the children was chosen on the basis of the reading level (3rd grade) required to complete the included questionnaires. The upper limit was chosen to encompass both grade and middle-school ages. Partly, the decision to utilize this age group was to have a non-retrospective research design, with children who live and interact with the participating father regularly. Additionally, the use of this target population is in keeping with a statement by Hood, Spilka, Hunsberger, & Gorsuch (1997), that the relationship between religiosity in childhood (i.e., pre-high school) and parenting behaviors is "an area ripe for research" (p. 67).

Appropriate father-child dyads were recruited by means of a snowball sampling method, initiated by this researcher through various personal, collegial, and

professional contacts. Eighty-five research packets were requested and distributed to volunteers residing across the United States. Although approximately 15 of the requested packets were sent to persons of color, none of these were returned to the researcher. Thirty packets were returned by the end of the data collection time frame. This represents a 37.5% return rate. Two of the returned packets had to be discarded due to incomplete answers. Thus, the final data set for the current study consisted of 28 father-child dyads. The final sample included persons from several states in the U.S., including Washington, Oregon, California, Arizona, and Illinois. The majority (39.3%) lived in cities with a population between 50,000 and 250,000.

The participating fathers were all Anglo-American and ranged in age from 35 to 51 years ( $\underline{M}$  = 43.11). Most were the biological fathers of the participating child (92.9%) and the majority (coincidentally 92.9% as well) lived with the child full time. Over 85% of the fathers were married. The remaining four (14.3%) were all full-time, single dads. The vast majority of the participating men had at least a high school education (96.4%), with 21 (75%) reporting the attainment of undergraduate or graduate degrees.

Almost 18% of the participating fathers reported growing up in a father-absent home. In response to questions about their families of origin, 14.3% of the men reported the presence of drug and alcohol abuse, 3.6% physical abuse, 21.4% emotional abuse and/or neglect, and 25% indicated that they had too much unsupervised time. The participating children (13 female, 46.4%; 15 male, 53.6%) ranged in age from 10 to 15 years (M = 11.36). One (3.6%)of the 28 children was identified as a Native American,

the rest were Anglo-Americans. The 14-item demographic questionnaire may be seen in Appendix A.

#### Materials

To provide self-appraisal scores for fathering attributes as well as gather information about the fathers' relationship with their fathers, the fathers' spiritual leadership qualities, and the fathers' defensiveness in responding to the questionnaire selected items were pulled from the New Personal Fathering Profile (Roid & Canfield, 1999). The New Personal Fathering Profile was developed to tap a variety of men's concerns in one questionnaire of reasonable length. Several population samples, ranging from 200 to 2,066 adult male participants, were utilized to gather data for the measure. Statistical analyses of the data resulted in a 121-item measure that provides thirteen non-scale items and stratifies the remaining 108 items into twenty-five scales (with alpha reliabilities ranging from .66 to .88).

Short Version Seven Secrets Survey for Fathers. The Short Version of the Seven Secrets Survey for Fathers is embedded within the fathering profile questionnaire and derives its validity from that larger measure. Its 31 items are intended to allow men to appraise their effectiveness as fathers across eight dimensions. Table 1 lists the eight effective fathering dimensions, the number of items in each, and the alpha coefficients demonstrated during the development of the New Personal Fathering Profile.

Table 1
Short Version Seven Secrets Survey for Fathers

Dimension	Number of Items	α	
Commitment	4	.80	
Knowing Your Child	5	.82	
Consistency	5	.80	
Protecting	4	.88	
Providing	3	.84	
Loving Their Mother	3	.77	
Actively Listening	4	.80	
Spiritual Input	3	.80	

The first 18 items in this questionnaire request information about certain fathering attributes. For example one item is, "I know what my child needs in order to grow into a mature, responsible person." The items in this section are rated by a 5-point system such that: 1 = Mostly False; 2 = Somewhat False; 3 = Undecided; 4 = Somewhat True; and 5 = Mostly True. The final 13 items represent a variety of fathering behaviors. An example of these items is, "having a job that provides adequate income for my family." This section also utilizes a 5-point rating scale. In this case, 1 = Very Poor; 2 = Poor; 3 = Fair; 4 = Good; and 5 = Very Good. For the purposes of the current study a Total Effectiveness score was created by combining the scores from the eight represented dimensions.

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It should be noted that the three items in the Loving Their Mother dimension were reworded to allow for fathers who were not married to the participating child's mother. For example the item, "being romantic with my child's mother" was changed to, "being romantic with my wife." Therefore this dimension was renamed "Loving My Wife." Additionally, a "Not Married" category was added to the questionnaire's rating scale to allow for non-married participants. A copy of the Short Version Seven Secrets Survey for Fathers, as it appeared in the Father Packet for the current study, may be seen in Appendix B.

The items representing three other factors were taken from the New Personal Fathering Profile for use in the current study. Table 2 lists those three factors with their respective number of items and their Fathering Profile alpha reliability coefficients.

Men and Beliefs scale. The Spiritual Scale was renamed "Men and Beliefs" for the current study to help differentiate it from the Spiritual Input dimension of the Seven Secrets Survey. This scale attempts to tap into fathers' spiritual leadership qualities. Examples of the items include, "Our family is unified about the importance of spiritual growth" and "I know the spiritual gifts of each of my family members." It has a 5-point rating system as follows: 1 = Mostly False; 2 = Somewhat False; 3 = Undecided; 4 = Somewhat True; and 5 = Mostly True.

Table 2

New Personal Fathering Profile Factors

Dimension	Number of Items	α	
Spiritual Scale	6	.79	
Men and Their Fathers	11		
(3 subscales)			
Positive Bonding	3	.85	
Affection	3	.81	
Negative	5	.79	
Ethics	10	.74	

Men and Fathers scale. The Men and Their Fathers scale is rated on the same 5-point scale as noted above. It has eleven items, which in the original are divided into three subcategories. Positive Bonding includes the item, "it was easy to get close to my father." The item, "my father regularly showed his affection for me," is representative of Affection. The Negative subcategory includes the item, "I am angry about the way my father treated me." For the current project all eleven of the items in this dimension were scored together, with the Negative items first reverse-scored. The "Their" was removed from the name for simplicity.

<u>Candidness scale.</u> The New Personal Fathering Profile "Ethics" scale was renamed "Candidness" for use in the current project. The goal was to utilize it as an

informal "lie scale," as a means of assessing the participating fathers' level of candidness in their responses to the questionnaire. The scale contains a number of behaviors or attitudes that some people may consider to be socially unacceptable or unethical. One example is, "I sometimes try to get even rather than forgive and forget." In the New Personal Fathering Profile format these items are rated either true or false. To allow for a broader response pattern the items were given the same 5-point rating delineated for the other scales described above. The assumption here is that a higher score on this scale may be indicative of responses that are somewhat defended (i.e., an attempt to have himself perceived in a socially acceptable manner). A copy of these items, as they appeared in the Fathers' research packet, may be seen in Appendix C.

Stability factor. To ascertain both fathers' and children's level of emotional functioning, 24 representative items were selected from those comprising Goldberg's Emotional Stability: Factor IV. This factor is embedded within his International Personality Item Pool (IPIP: Goldberg, 1997). The IPIP has its roots in previous research by Goldberg (1992) involving the "Big-Five" factor theory of personality, where the goal was to develop a reliable set of "factor markers" for the assessment of personality dimensions.

The Big-Five personality theory was originally proposed in 1961 by Tupes and Christal, after they reanalyzed data sets generated from Cattell's 1957 list of bipolar personality variables (as cited in Goldberg, 1992). The factors of personality represented in the Big-Five theory are as follows: Factor I: Extraversion, Factor II:

Agreeableness, Factor III: Conscientiousness (or Dependability), Factor IV: Emotional Stability, and Factor V: Intellect.

Goldberg's goal, in the four studies represented in the 1992 article, was to reduce the number of variables which would reliably produce the five factors represented by the Big-Five theory. The first of these studies utilized 90 bipolar items (50 of them previously identified as Big-Five markers) that were high in face validity and had random placements in the questionnaire. The results indicated that the use of randomly presented bipolar markers reduced the robustness of the relationship.

The second study, therefore, took the same 50 Big-Five markers used in the first study and presented them in factorial groups. In addition, the "negative" pole of each marker was placed on the left hand side of the questionnaire page. The results increased the robustness as was hoped, indicating that the format used may have helped participants see the commonality of the markers within each factor-group (Goldberg, 1992).

To replicate these findings a third study was undertaken. This time the face valid grouping of the markers (as utilized in study 2) was compared to the more traditional method of item presentation, which tended to obscure the relationships between factor items. The results further underscored the effectiveness of the more "transparent" presentation of items developed for Study 2 (Goldberg, 1992).

The fourth study was intended to take the 50 bipolar markers and develop a set of 100 unipolar markers that would be even more robust in their representation of the positive and negative aspects of the Big-Five factors. The resulting set of markers

demonstrated a significant concurrent validity in relation to the NEO Personality

Inventory (which was named for the Neuroticism-Extraversion-Openness factors of the five-factor personality theory). He therefore concluded that his 100 markers may be used as a valid alternative to that measure (Goldberg, 1992).

In the 1997 article by Goldberg, he expressed a concern that measures which only factor into the "higher level" (p. 3) facets of personality (i.e., the Big-Five factors), are not particularly useful clinically. Therefore, he was interested in developing a personality inventory that would include a number of "lower-level" facets. The International Personality Item Pool was the result. It was created by Goldberg to be "a broad-bandwidth, public domain, personality inventory measuring the lower-level facets of several five-factor models" (p. 1). His argument for placing this instrument in the public domain is that, "most broad-bandwidth personality inventories...are...copyrighted...instruments [which] cannot be used freely by other scientists...[to] contribute to their further development and refinement" (p. 1). A desire to make a contribution to such "development and refinement" was the impetus for using the items from the international pool in the current study.

The original Factor IV: Emotional Stability from the larger IPIP includes a total of 94 items representing nine subcategories. Table 3 lists those subcategories, gives an example of a representative item, and provides the alpha reliability coefficients produced by the dimension scores in the IPIP data analyses.

Table 3
Sub-Categories of Emotional Stability from the International Personality Item Pool

Sub-Category	Number of Items	Example Item	α
Stability	10	"I keep my cool"	.86
Happiness	10	"I seldom feel blue"	.84
Calmness	10	"I am not easily annoyed"	.83
Moderation	10	"I remain calm under pressure"	.76
Toughness	12	"I am easily frightened"	.84
Impulse Control	11	"I keep my emotions under control"	.78
Imperturbability	9	"I cry easily"	.84
Cool-headedness	11	"I want things done my way"	.73
Tranquility	11	"I am always in the same mood"	.76

Note. Some items are reverse-scored

The 93-item questionnaire was deemed too long for the current study.

Therefore, representative items from each of the subcategories were selected according to their perceived match with the current project's target population. Specifically, the items needed to be appropriate for use with both the fathers and the children in the study. To that end, two of the items were reworded for better comprehension.

Specifically, "I am calm even in tense situations" was changed to "I am calm even under pressure"; "I seldom take offense" became "My feelings aren't hurt easily." The

items were given a 5-point rating scale such that: 1 = Not True; 2 = Usually Not True; 3 = Undecided; 4 = Usually True; and 5 = True. The revised 24 item questionnaire may be seen in Appendix D.

The validity of the revised Stability factor rests in its relationship to the original items in the International Personality Item Pool. The alpha reliabilities it obtained in this project will be discussed in the Results section.

Short Version Seven Secrets Survey for Children. Child participants were asked to appraise their fathers' effectiveness through a rewording of the 31-item Short Version of the Seven Secrets Survey for Fathers (Roid & Canfield, 1999). Two important tasks were accomplished in the current revision. First, the perspective of the items had to be changed from the fathers' self-perception to the children's perceptions of their fathers. The second purpose was to make the reading level of the items more appropriate for children while attempting to maintain the original meaning. For example, the item "I pay attention to my children when they speak to me" was revised to, "He pays attention when I talk to him." The validity of the reworded items was established through review and revision by a children's librarian.

The rating system is the same as that described for the fathers' version above.

The 5-point ranking allows for low to high scores on each factor. The higher the score the more the child perceives his or her father as effective. The internal consistency reliabilities for this essentially new measure will be discussed in the Results section.

Appendix E contains a copy of the revised questionnaire.

Francis Scale of Attitude Towards Christianity. The final questionnaire utilized for the current project was the Francis Scale of Attitude Towards Christianity (Francis, 1989). This measure assesses children's self-reports of their attitude towards various aspects of Christian doctrine and practice. Sample items include "I know Jesus is very close to me" and "I think going to church is a waste of my time." Some items are reverse-scored.

The Attitude scale contains 24 items ranked on a 5-point scale such that:

5 = Agree Strongly; 4 = Agree; 3 = Not Certain; 2 = Disagree; and 1 = Disagree

Strongly. The item scores combine into a total Attitude score. Reliability and validity studies of the measure were conducted with 8 to 16- year-olds from various locations in the British Isles. The validity coefficients were reported as ranging from .50 to .97 (Francis, 1989). The construct validity was also assessed in Britain by its correlation to an existing religious behavior scale. The resulting reliability coefficients were reported to range from .40 to .62. The Attitude scale may be seen in Appendix F.

### Procedure

Participants were recruited through a convenience sample method, initiated by this researcher. The initial introduction letter used to recruit participants may be seen in Appendix G. Eighty-five questionnaire packets were sent through the mail to interested persons. The research packets contained an introductory cover sheet (Appendix H), the participation consent form (Appendix I), the demographics question sheet (Appendix A), plus the three questionnaires comprising the Father Packet

(Appendixes B through D), and the three questionnaires comprising the Child Packet (Appendixes D through F). Additional inclusions were two security envelopes in which to seal the completed measures, a request form to fill out and return if participants were interested in the results of the study, and a stamped, addressed envelope in which to return all the completed materials.

Returned packets were reviewed to determine if all the required components were there and usable. Then, the raw scores were transferred onto the appropriate Father or Child "Scoring Packet" and any necessary reverse-scoring was computed. The Father and Child Scoring Packets may be viewed in Appendixes J and K, respectively.

When all of the factor and total scores were summed and rechecked for accuracy, they were entered into a SPSS for Windows data manager (Student Version 7.0) and checked again. For an explanation of the variable abbreviations please see Appendix L. The spreadsheet containing the raw data set may be reviewed in Appendix M. All statistical analyses for this project were computed using the Student Version of SPSS for Windows, 7.0. The printouts of these various calculations may be seen in Appendix N. For a review of the sample's demographic properties, please refer back to the "Participants" section.

### Chapter Three

#### Results

Answering two specific research questions was the primary goal of the current study. Specifically, would the fathers' and the children's appraisals of father effectiveness be significantly related? And, which groups' appraisals of father effectiveness would be the best predictor of emotional stability and positive faith attitudes in the children? A secondary goal was to assess the internal consistency of the questionnaires that had been modified for use in the current project.

## Internal Consistency Reliability

Reliability was calculated using Cronbach's alpha coefficients in all of the analyses of the study.

Short Version Seven Secrets Survey for Fathers. The descriptive statistics and alpha coefficients may be seen in Table 4. As can be noted, the alpha for Loving My Wife was only .57. When the weak item (B10, item-total correlation of .18) was eliminated the factor alpha raised to .75. Such elimination of a weak item can be justified on the basis that items in a scale are a "sample" of the possible behaviors in a particular domain and, therefore, one item is not usually critical to the construct.

Table 4

Means, Standard Deviations, and Alpha Reliabilities of the Short Version Seven Secrets

Survey for Fathers

Father Effectiveness Factors	Number of Items	<u>M</u>	<u>SD</u>	α
Father Commitment	4	16.79	3.26	.85
Father Knowing	5	20.54	3.31	.88
Father Consistency	5	20.36	3.26	.73
Father Protecting	4	16.54	2.91	.91
Father Providing	3	13.39	2.13	.87
Father Loving My Wife	3	10.87	2.11	.57
Revised Father Loving My W	ife 2	7.83	1.69	.75
Father Active Listening	4	16.89	2.77	.87
Father Spiritual Input	3	8.39	3.18	.89
Father Total Effectiveness	31	121.50	13.83	.90
Revised Father Total Effective	eness 30	118.46	13.67	.90

Note. N = 28 (N = 24 for the Loving My Wife and Total Effectiveness Scores)

New Personal Fathering Profile dimensions. Table 5 shows the alpha coefficients and the descriptive statistics for the Men and Beliefs, Men and Fathers, and Candidness scales. As mentioned earlier, the Candidness dimension was utilized as an informal measure of the fathers' defensiveness in responding to the questionnaire items. The Candidness scale has a possible range of 10 to 50. However, the current sample of

fathers produced scores ranging from 10 to 33, with a mean of 17.39 and a standard deviation of 6.67. This suggests that the men in the sample tended to report very few incidences of socially inappropriate behavior. Such a result might indicate that the fathers in the sample were somewhat defended in their responses. However, it could also truly reflect the participants' earnestness in adhering to what they consider to be Christian attitudes and behaviors.

Table 5

Means, Standard Deviations, and Alpha Reliabilities of the New Personal Fathering
Profile Factors

Factor	Number Of Items	<u>M</u>	<u>SD</u>	α	
Men and Beliefs	6	21.04	6.79	.90	
Men and Fathers	11	43.61	8.99	.90	
Candidness	10	17.39	6.67	.76	

Note. N = 28

Stability Factor. The means, standard deviations, and reliabilities for the both the fathers and the children may be seen in Table 6. The children's responses produced a reliability of .60. When the weak items were deleted in a step-wise fashion a sub-set of 15 items was identified and had an improved reliability of .70. Deleted items and their item-total correlations were as follows: #4(-.10); #13(-.07); #23(.00); #3(.01); #18(.08); #10(.11); #19(.12); #15(.15); and #14(.17). A content review of the deleted items revealed

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that they were fairly evenly distributed among the five facets of the original Emotional Stability Factor from the International Personality Item Pool.

Table 6

Means, Standard Deviations, and Alpha Reliabilities of the Factor IV: Emotional Stability from the International Personality Item Pool

Factor	Number of Items	<u>M</u>	<u>SD</u>	α
Child Stability	24	73.43	8.88	.60
Revised Child Stability	15	45.50	7.50	.70
Father Stability	24	89.89	10.95	.83

Short Version Seven Secrets Survey for Children. The reliability alphas and descriptive statistics for the Short Version Seven Secrets Survey for Children may be seen in Table 7. Two of the original 31 items proved to be weak. Specifically, the initial reliability for the Commitment dimension was .52. When the weak item (A18, itemtotal correlation of .12) was deleted, the remaining three items produced a reliability of .61. An initial reliability of .60 was produced by the Consistency dimension. An improved reliability of .67 was produced when the weak item (A17, item-total correlation of .05) was deleted.

Table 7

Means, Standard Deviations, and Alpha Reliabilities of the Short Version Seven Secrets

Survey For Children

Factor	Number	<u>M</u>	SD	α	
Child Commitment	4	15.14	3.30	.52	
Revised Child Commitment	3	11.18	2.83	.61	
Child Knowing	5	20.61	3.99	.76	
Child Consistency	5	17.89	3.93	.60	
Revised Child Consistency	4	13.89	3.75	.67	
Child Protecting	4	6.79	3.18	.85	
Child Providing	3	14.18	1.25	.70	
Child Loving His Wife	3	12.67	2.20	.77	
Child Active Listening	4	15.82	3.06	.75	
Child Spiritual Input	3	9.43	3.85	.83	
Child Total Effectiveness	31	122.29	17.95	.91	
Revised Child Total Effectiveness	29	114.54	17.07	.91	

Note. N = 28 (N = 24 for Loving His Wife and for Total Effectiveness Scores)

Francis Scale of Attitude Towards Christianity. The mean, standard deviation, and reliability for the Francis Scale of Attitude Towards Christianity may be seen in Table 8.

Table 8

Mean, Standard Deviation, and Alpha Reliability of the Francis Scale of Attitude Towards Christianity

Factor	Number of Items	<u>M</u>	SD	α	
Attitude Towards Christianity	24	104.86	16.88	.96	

Note. N = 28

## Father to Father Variable Relationships

Pearson's <u>r</u> correlation coefficients were computed between all of relevant father-generated variables. Table 9 displays the results of these statistical analyses. The father to father comparisons revealed four significant relationships at the .01 level. The first three were in relationship to Stability, which proved to be positively correlated with Consistency, Protecting, and Total Effectiveness. In addition, a positive relationship was discovered between Spiritual Input and the Men and Beliefs scale.

## Child to Child Variable Relationships

There were a number of significant child to child variable correlations revealed in the analysis of this data set. The child Total Effectiveness score, in particular, demonstrated excellent associations with each of the factors within the father effectiveness measure. Specifically, its relationship with seven of the dimensions was at the .01 significance level, values ranging from .60 to .87, with a median of .74. The one

remaining dimension was found to be significant with the total effectiveness score at the .05 significance level.

Table 9

Pearson's r Correlations for the Father to Father Variables

	Father Stability	Men and Beliefs	Men and Fathers
Father Commitment	.37 *	.17	.26
Father Knowing	.42 *	.11	19
Father Consistency	.54**	12	08
Father Protecting	.71**	.04	03
Father Providing	.01	01	24
Revised Father Loving My	Wife .27	.17	.15
Father Active Listening	.28	09	18
Father Spiritual Input	.16	.88**	.16
Rev. Father Total Effective	ness .53**	.36	.50*
Father Stability	gardy	.17	01

Note. All correlations based on at least N = 24

The children's Stability factor produced no significant relationships with any of the other child variables. However the Attitude Scale showed a significant association

<sup>\*</sup> p <.05 (2-tailed)

<sup>\*\*</sup> p < .01 (2-tailed)

(at the .05 level) with both the Spiritual Input dimension and the children's Total Effectiveness score. Tables 10A and 10B contain the child variable correlations.

Table 10A

Pearson's r Correlations for the Child to Child Variables

	Revised Child	Child Knowing	Revised Child	Child Protecting	Child Providing	Child Loving His
	Commitme	ent	Consisten	_		Wife
Child Knowing	.38*	-		-		_
Revised Child Consistence	.66** y	.48**			-	-
Child Protecting	.49**	.65**	.75**			
Child Protecting	.01	.50*	.19	.31		-
Child Loving His Wife	.22	.57**	.24	.43*	.70**	-
Child Active Listening	.35	.66**	.40*	.67**	.45*	.52**
Child Spiritual Input	.36	.39*	.35	.36	02	.23
Revised Child Total Effectivene	.60** ss	.80**	.77**	.87**	.51*	.63**
Child Stability	.07	04	07	29	.16	.20
Attitude Scale	.26	.08	.20	.07	11	.37

Note. All correlations base on at least N = 24

<sup>\*</sup> p <.05 (2-tailed)

<sup>\*\*</sup> p < .01 (2-tailed)

Pearson's r Correlations for the Child to Child Variables (continued)

	Child Active Listening	Child Spiritual Input	Revised Child Total Effectiveness	Revised Child Stability	Attitude Scale
Child Spiritual Input	.34	<del></del>		••	
Revised Child Total Effectiveness	.74**	.61**			-
Revised Child Stability	.11	.07	01		
Attitude Scale	.33_	.43*	.39*	.17	

Note. All correlations base on at least N = 24

Table 10B

## Father to Child Variable Relationships

The complete correlation matrix between the father and child variables is found in Tables 11A and 11B. The children's and fathers' versions of the Seven Secrets Survey produced five significant same dimension correlations. The coefficient values had a median of .50, at the .01 significance level. The values ranged from .39 to .57. Included within these excellent associations are two of particular interest, those between the children's and the fathers' total Effectiveness scores and their Spiritual Input scores.

<sup>\*</sup> p <.05 (2-tailed)

<sup>\*\*</sup> p < .01 (2-tailed)

Table 11A

Pearson's r Correlations for the Father to Child Variables

C	levised hild lommitm	Child Knowing ent	Revised Child Consister		Child Providing	Child Loving His Wife
Father Commitment	.50**	.61**	.41*	.68**	.10	.29
Father Knowing	.21	.21	.22	.33	.16	.18
Father Consistency	.31	.09	.39*	.31	.13	.21
Father Protecting	.25	.22	.42*	.41*	.01	12
Father Providing	.15	13	12	09	11	24
Revised Father Loving My Wife	.29	.46*	.23	.31	.22	.35
Father Active Listening	.23	.13	.22	.37	.26	.36
Father Spiritual Inpu	at .17	.29	.10	.14	28	04
Revised Father Total Effectiveness	46*	.36	.44*	.56**	02	.20
Father Stability	.32	.12	.47 *	.29	07	17
Men and Beliefs	.03	.16	02	11	27	04
Men and Fathers	.19	.17	.22	.27	10	01

Note. All correlations based on at least N = 24

<sup>\* &</sup>lt;u>p</u> <.05 (2-tailed)

<sup>\*\* &</sup>lt;u>p</u> < .01 (2-tailed)

Table 11B Pearson's r Correlations for the Father to Child Variables (continued)

	Child Active Listening	Child Spiritual Input	Revised Child Total Effectiveness	Child	Attitude Scale
Father Commitment	.48**	.39*	.58**	.00	13
Father Knowing	.13	.27	.40	13	.23
Father Consistency	03	.17	.34	.07	.28
Father Protecting	.07	02	.32	23	18
Father Providing	09	.27	05	26	06
Revised Father Loving My Wife	.13	05	.34	03	34
Father Active Listening	.22	.18	.39	03	.30
Father Spiritual Input	.33	.57**	.30	.35	.01
Revised Father Total Effectiveness.	28	.54**	.55**	.08	03
Father Stability:	.01	10	.22	17	03
Men and Beliefs:	.19	.30	.13	.36	.22
Men and Fathers:	.18	.15	.30	.21	36

Note. All correlations based on at least N = 24

<sup>\* &</sup>lt;u>p</u> <.05 (2-tailed)

<sup>\*\*</sup> p < .01 (2-tailed)

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Comparing the other dimensions of the father and child versions of the father effectiveness scale revealed a number of significant relationships. The fathers'

Commitment dimension was found to be related to five of the child dimensions and the children's Total Effectiveness score as well. Four of these relationships were significant at the .01 level (ranging from .48 to .68). The fathers' Total Effectiveness score also demonstrated significant correlations with the dimensions of the children's Seven Secrets Survey. Of particular note is the significant relationship between the fathers'

Total Effectiveness score and the children's Spiritual Input dimension, r = .50, p < .01.

No significant relationships were shown between children's Stability factor and any of the father variables. Neither did the Attitude Scale sores generate significant associations with the twelve father related variables.

### Chapter Four

#### Discussion

### Research Question One

Relationship between fathers' and children's appraisals of father effectiveness.

One focus of the current study was to discover whether the fathers' and the children's appraisals of father effectiveness would prove to be significantly related. Data analyses revealed that only four (50%) of the children's and fathers' same dimension Seven Secrets Survey scores were positively related (two at the .05 significance level and two at .01). However, the children's and fathers' Total Effectiveness scores were highly, positively, correlated. This outcome seems to suggest that although children and fathers may hold differing perceptions regarding individual attributes or behaviors, their overall conceptualization of what "makes up" an effective father is highly related to one another.

### Research Question Two

Father effectiveness as a predictor of positive faith attitudes and stability.

Another question was whether fathers' or children's appraisals of father effectiveness would better predict children's stability and positive faith attitudes. For clarity, this question will be answered according to its two parts.

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First to be addressed is which group was found to be a better predictor of positive attitudes towards Christianity. The children in this sample who perceived their fathers as both globally effective and as source of spiritual input were significantly more likely to hold a positive attitude towards their faith. On the other hand, the self-perceptions of effectiveness held by the fathers did not predict their children's faith attitudes. Therefore, the children's effectiveness appraisals were better than their fathers' self-appraisals at predicting their attitude towards Christianity. This outcome supports "a symbolic interactionist position...which views fathers' effectiveness as something in the mind of the beholder...where children's subjective reality... is a more important predictor...than the fathers' own evaluations" (Brost & Johnson, 1995).

As for the second half of the question, the data revealed that neither the fathers' nor the children's appraisals of father effectiveness were significant predictors of children's emotional stability. In fact no significant relationships were delineated between children's reports of emotional stability and any of the other (child or father) variables in the present study.

### **Emotional Stability Factor**

The finding of no relationship between children's stability and the other variables is puzzling in light of the literature (see specifically, Rohner, 1990; Biller & Kimpton, 1997; Gottman, 1997). These researches clearly indicate that emotional stability in children is highly, positively, correlated with father-involvement. The most ready explanation of this outcome is some difficulty with the construct validity when

the Stability factor is used to gather information from children. For example, the original version of the factor was written for adults. Therefore, it could very well be that the language was somehow less appropriate for use with children.

Such a language problem may account for the low alpha reliability (.60) the child participants produced with the initial 24-item questionnaire. Even when the nine most problematic items had been deleted the remaining 15-item children's version of the Stability factor only achieved an alpha reliability of .70. In contrast, the fathers' responses to the same 24-items achieved an alpha reliability of .83. Apparently, the child's version of the factor needs further development to make it more appropriate for use with children.

In addition to being more reliable, the father's answers on the Stability scale proved to be more productive than the children's at generating significant relationships with both groups' perceptions of father effectiveness. As mentioned above, the children's Stability scores produced no significant correlations. However, the fathers' perceptions of emotional stability were found to be significantly associated with six other variables.

Could it be that the attributes which contribute to a sense of emotional well-being also contribute to a man's sense of competency in his role as a father? The results of this study suggest that men who perceived themselves as emotionally stable also perceived themselves as effective fathers who know their children, are committed to them, protective of them and are consistent in their behavior towards them. Further, the men who appraised themselves as emotionally stable had children who were more

likely to perceive their fathers as consistent persons. This relationship seems very logical; being consistent and predictable in one's interactions with others is one likely effect of being able to manage one's emotions appropriately.

### Fathers and Spirituality

The three items which represent the Spiritual Input dimension of the Short

Version Seven Secrets Survey are written in a manner that suggests an interactive,
modeling approach to transmitting the faith to the next generation, rather than a oneway, one-up, style. For example, one item asks if fathers worship with the family, not
if they send their kids to worship. Another item wonders if fathers pray with their
children, not whether they pray at them. The third asks if they talk with their children
about spiritual matters, not whether they preach to them. These distinctions seem
consistent with the scripture quoted previously, "Fathers do not exasperate your
children; instead, bring them up in the training and instruction of the Lord"
(Ephesians, 6:4).

In this sample, the children's and fathers' perceptions of the fathers on this dimension were significantly related. This makes sense as these are highly visible behaviors. Perhaps most interesting, however, was the finding that those children who indicated that their fathers were "very good" at engaging in these behaviors were more likely to have a positive attitude towards spiritual things. In fact, the only thing related to positive attitudes towards faith in the children in this study were their overall perceptions of their fathers as effective and their perceptions of their fathers as

providing spiritual input. A further issue to think about is that these same children were the most likely to feel that their fathers know them.

The fathers in this study who perceived themselves as being good at engaging in these spiritual behaviors also perceived themselves as committed, effective fathers, who are spiritual leaders in their homes (as revealed by their scores on the Men and Beliefs scale). This result may underscore the importance of nurturing fathers' development into strong, positive spiritual leaders. For example, many Churches function as facilitators for the development of specific leadership tools (e.g., teaching men how to both discern and facilitate the growth of each family member's spiritual gifts).

### Father Effectiveness

In addition to all of the outcomes related to father effectiveness which have already been discussed, this data reveals that those men who held a negative image of their own fathers were more likely to give themselves a poor effectiveness appraisal. Of course there is no way of knowing in this instance whether these fathers hold an accurate perception of their fathering abilities. However, it still needs to be considered. Perhaps the realization that one holds a negative image of one's father could serve as an important impetus for exploring how that relationship may be influencing (for good or for bad) one's current fathering attributes and behaviors. Once explored, fathers could then decide which influences to keep and which to replace with more adaptive behaviors.

It was particularly encouraging to note that all eight of the factors on the children's version of the Short Version Seven Secrets Survey were significantly correlated with the children's Father Effectiveness total score. This outcome helps to establish this version of the measure as a useful tool to allow children to assess their dads' fathering attributes and behaviors.

## Limitations of the Study

An important critique of the current study is the small and homogenous sample.

Most of the participants' responses indicated positive perceptions of fathering
behaviors, positive emotional stability, and positive faith attitudes. This reality casts
some interpretive doubt as to how well the results of the study might generalize to the
population at large.

Also, because none of the participants completed the measures in the presence of this researcher, it is assumed that there was little consistency across the testing environments, which could influence scores. Further, it would be ideal to attempt to include more ethnic diversity in any replication of the study.

### Recommendations for Future Research

Further delineation of the particular aspects of spiritual leadership qualities, spiritual input behaviors, and effective fathering which are most predictive of positive attitudes towards Christianity in children might be a productive line of future research.

It would also be interesting to test the construct validity of the child's version against an established measure of children's emotional stability (e.g., Personality Assessment Questionnaire, Rohner, 1990). Perhaps this would take some language revision or even a review of the original set of items within the Goldberg Factor IV list, in order to develop a more reliable, "kid friendly" version of the measure. Utilizing the children's Short Version Seven Secrets Survey with both less homogenous and larger samples, would further bolster its reliability and thus its usefulness. Another line of research would be to ask fathers to complete the Short Version Seven Secrets Survey for Fathers with regard to their perceptions of their own fathers' effectiveness. Then, have them complete the survey and appraise themselves to see how correlated the two perceptions would be.

#### Clinical Application

The results of this study underscore the fact that children and their fathers see the world differently, maybe especially with regard to their relationship with each other. It is poignantly noted that a father's perception that he really knows his child demonstrated no relationship with the child's perception of being known. The same was shown to be true with listening; fathers' and children's perceptions about the father's active listening skills showed no association. Perhaps this shouldn't be too surprising; you have to listen to someone to get to know that person. One possible clinical application for the use of the two versions of the father effectiveness measure would be to administer them to father-child dyads and use the results in within a

therapeutic context to as a means to open the lines of communication between fathers and their children. Another possibility would be to have the fathers rate their own fathers using the effectiveness survey, and have them process those results in a therapeutic context.

### Summary and Conclusions

It was revealed that fathers' and children's appraisals of father effectiveness were only significantly related on half of the same dimension scores. However, their total Effectiveness scores were associated. Therefore, children and fathers seem to hold some similar conceptualization of what it takes to be an effective dad. Children's perceptions of their fathers as effective were better than their fathers' self-perceptions at predicting a positive attitude towards Christianity in the children. However, neither the fathers' nor the children's appraisals of father effectiveness were able to significantly predict the children's level of emotional stability. This outcome was deemed to be partly the result of poor construct validity related to the use of the Stability factor with a child sample. On the other hand the Stability factor did seem to work well with the adult sample, generating a strong reliability alpha as well as a number of significant correlations with other factors in the study.

Children whose fathers provided high levels of spiritual input reported a positive faith attitude and a belief that their fathers really knew them. Fathers who perceived themselves as providing spiritual input for their children also indicated they possessed spiritual leadership qualities, and were committed, effective fathers. Fathers

who had a positive image of their own fathers tended to perceive themselves as more effective in their fathering practices.

The Short Version Seven Secrets Survey for Children was shown to have good reliability. Also, the dimensions of the measure all proved to be significantly associated with the total Father Effectiveness score. This establishes the new measure as a useful tool for assessing children's appraisals of their fathers' effectiveness. Perhaps it could even be used clinically to create discussion between fathers and children.

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Appendix A

Demographic Questionnaire

	Please Respond Frankly To Ea	ach Of The Following Items.
1.	Today's Date:	9. Education Level
	,	High School/GED
2.	Your current age:	Technical Degree
	8	Associate Degree
3	Where Do You Currently Live?	Bachelor's Degree
٠.	Rural area (Less than 2,500)	Master's Degree
	Town (2,500 - 10,000)	Doctoral Degree
	Town (10,000 to 50,000)	Other (please list)
	City (50,000 to 250, 000)	
	Metro area (over 250,000)	
		10. Did You Feel That Your Father
4	Participating Child's Gender	Was Largely Absent While You
Ŧ.	Male Schild	Were Growing Up?
	Female	Yes
	t etitale	
5	Participating Child's Age:	(If No, skip to question #13)
	1013	(ii 140, skip to question #15)
	1313	11. If So, How Old Were You When I
	1215	Began?
	13	began:
6	Relationship To Participating Child	***************************************
	Biological Father	12. If So, What Reason Best Describes
	Step-Father	His Absence?
	Adoptive Father	Death
	Other (please describe)	Divorce or separation
	Outer (prease describe)	Abandonment
		Work
7	Does The Participating Child Live	Other (please describe)
٠.	with You?	Outer (picuse describe)
	Full Time	
	Half Time	13. As A Child, Which Of The
	Part Time	Following Did You Experience
	I dit i mie	Within Your Family?
0	Ethnicity/Race:	Alcohol or drug abuse
о.		Sexual molestation
	Anglo-American (White) African-American	Physical Abuse
	Arrican-American Asian-American	Emotional Abuse
		Emotional nodest
	Hispanic Origin Native American	Emotional neglect
	· · · · · · · · · · · · · · · · · · ·	Too much unsupervised timeNone of the above
	(Tribal Affiliation)	ivone of the above
	Other (Please list)	14 Ass Vous Cussonthy Married?
		14. Are Your Currently Married?
		Yes
		No

## Appendix B

**Short Version Seven Secrets Survey for Fathers** 

SV-7-SSF How well do each of the following statements describe you? Circle the best answer.

1	1 =Mostly False 2 =Somewhat False 3 =Undecided 4= Somewhat True 5 =Mo I have a good handle on how my child's needs change as he/she	osti	y T	тив	!					
1	grows up	1	2	3	4	5				
2	I listen to my child when he/she talks to me	_	_	-	-	-				
3	I do not have major shifts in my moods									
4	I have difficulty in being motivated to do my fathering tasks	i	2	3	4	5				
5	I do not change much in the way that I deal with my child									
6	I know what motivates my child									
7	I pay attention to my child when he/she speaks to me									
8	How I relate with my child changes often									
9	I carefully listen to my child express his/her concerns									
10	It is hard for me to get going in my fathering role									
11	My moods are pretty much the same from day to day	1	2	3	4	5				
12	I show my child that I care when he/she shares a problem with me	1	2	3	4	5				
13	I know what is reasonable to expect from my child for his/her age			3						
14	I know what my child needs in order to grow into a									
	mature, responsible person	1	2	3	4	5				
15	I tend to delay doing things I know I should do as a father									
16	I know my child's growth needs									
17	I am predictable in the way that I relate to my child	1	2	3	4	5				
18	I avoid action in fathering my children	1	2	3	4	5				
	How well do you do the following things? Circle the best answer.									
	1 = Very Poor 2 = Poor 3 = Fair 4 = Good 5 = Very Good NM= Not M	arr	ied							
1	Handling crisis in a mature manner									
2	Being romantic with my wife	1	2	3	4	5 NM				
3	Praying with my child	1	2	3	4	5				
4	Knowing what to do in a family crisis									
5	Talking about spiritual things with my child									
6	Having a job that provides adequate income for my family									
7	Being able to deal with a crisis in a positive manner									
8	Having a good relationship with my wife	1	2	3	4	5 NM				

Spending time with my wife away from the child(ren)...... 1 2 3 4 5 NM 

10

11

12 13

# Appendix C

New Personal Fathering Profile Items

NPFPI Please respond frankly to each statement. Circle the best answer.

1 =Mostly False 2 =Somewhat False 3 =Undecided 4= Somewhat True 1 I know the spiritual gifts of each of my family members	1 1 1	2 2 2 2	_	4 4 4	5 5 5 5
1 =Mostly False 2 =Somewhat False 3 =Undecided 4= Somewhat True	5 =/	Mos	tlu	Tra	10
1 My father brought shame and embarrassment to the family		2	3	4 5	;
2 My father had lots of problems		2			
3 I am angry about the way my father treated me		2			
4 I do not like to think about my childhood		2			
5 I wish I had a different father		2			
6 As a child, I knew what my father felt about me		2			
7 My father was supportive of me		2			
8 It was easy to get close to my father		2			
9 I want to be like my dad		2			
10 My father regularly showed his affection for me					
11 My father was a good example	7	2	3	4 :	, 5
Tr sty lader was a good example	•	-	•	• •	•
1 =Mostly False 2 =Somewhat False 3 =Undecided 4= Somewhat True	5 =	Mos	illy	Tn	ue
1 I have difficulties telling the truth	1	2	3	4	5
2 It is hard for me to forgive someone who has wronged me		2	3	4	5
3 I have stolen something from others recently		2	3	4	5
4 Lying is a habit that I am trying to overcome		2	3	4	5
5 I swear or curse almost every day		2	3	4	5
6 I sometimes try to get even rather than forgive and forget		2			
7 I tend to communicate things in an untruthful way		2			
8 I have trouble controlling my tongue		2			
9 I have deep resentment because someone wronged me		2			
10 I struggle with swearing		2			

## Appendix D

24 Item Emotional Stability Factor Questionnaire

#### **ESF**

These sentences describe different ways that people act. Please decide whether each sentence describes you, and circle the correct number. There are no wrong answers, just be as honest as possible.

$1 = \lambda$	lot True 2 = Usually Not True 3 = Not Sure 4 = Usually Tr	ue	5 =	Ve	ry '	True
1	I get upset easily	1	2	3	4	5
2	I worry about things	1	2	3	4	5
3	I want things done my way	1	2	3	4	5
4	I am easily excited	1	2	3	4	5
5	I am not easily frustrated	1	2	3	4	5
6	I am always in the same mood	1	2	3	4	5
7	I barge in on conversations	1	2	3	4	5
8	I seldom get mad	1	2	3	4	5
9	I am not easily bothered by things	1	2	3	4	5
10	I feel comfortable with myself	1	2	3	4	5
11	I lose my temper	1	2	3	4	5
12	I try to impress others	1	2	3	4	5
13	I have days when I'm mad at the world	1	2	3	4	5
14	I do things I later regret	1	2	3	4	5
15	I change my mood a lot	1	2	3	4	5
16	l am calm even under pressure	1	2	3	4	5
17	I am easily frightened	1	2	3	4	5
18	My feelings aren't hurt easily	1	2	3	4	5
19	I dislike myself	1	2	3	4	5
20	I keep my cool	1	2	3	4	5
21	I am filled with doubts about things	1	2	3	4	5
22	I seldom feel blue	1	2	3	4	5
23	I cry easily	1	2	3	_	5
24	I keep my emotions under control	1	2	3	4	5

## Appendix E

Short Version Seven Secrets Survey for Children

### SV7-SSC

	5V/-33C	_										
How well do each of the following statements describe your father? Circle the best answer:												
	Mostly False 2 = Somewhat False 3 = Not Sure 4 = Somewhat True						2					
1	He knows that my needs change as I grow				4							
2	He listens when I talk to him				4							
3	He is not "moody."	1	2	3	4							
4	He has a hard time getting started on "father things."											
5	How he treats me does not change much											
6	He knows how to "get me going" on things I need to do											
7	He pays attention when I talk to him		2									
8	The way he acts toward me changes a lot											
9	He really listens to my problems	1	2	3	4	5						
10	He has a hard time "getting going" on things he needs to											
	do as my father	1	2	3	4	5						
11	His mood is pretty much the same from day to day	1	2	3	4	5						
12	He shows me he cares about my problems	1	2	3	4	5						
13	He knows what kids my age should be able to do	1	2	3	4	5						
14	He knows how to help me become a grown-up	1	2	3	4	5						
15	He is slow about getting "father things" done		2	3	4	5						
16	As I grow and change he knows what I need		2	3	4	5						
17	I can tell how he is going to act toward me											
18	He tries not to be involved in "parent stuff"		2		4							
How well does your father do each of the following things? Circle the best answer.												
	1 = Very Poor 2 = Poor 3 = Fair 4 = Good 5 = Very Good NM =											
1	Acting like a grown-up when there is a big problem											
2	Being romantic with his wife						NM					
3	Praying with me											
4	Knowing how to handle a big family problem											
5	Talking about "God things" with me											
6	Making enough money to buy what the family needs											
7	Being able to deal with a big problem in a good way											
8	Getting along with his wife						NM					
9	Making money every month						- 1178					
10	Spending time alone with his wife	1	2	3	4	5	NM					
11	Staying calm when there is a big problem						* 41AT					
12	Having a family worship time at home	1	2	3	4	5						
13	Making sure the family has what it needs to live											
13	waking sure the family has what it ficeus to five		4-	,	7	,						

## Appendix F

Francis Scale of Attitude Towards Christianity

**FSATC** How much do you agree with each of the following statements? Circle the best answer.

1 = Disagree Strongly 2 = Disagree 3 = Uncertain 4 = Agree 5 = Strongly Agree									
1	I find it boring to listen to the bible	1	2	3	4	5			
2	I know that Jesus helps me	1	2	3	4	5			
3	Saying my prayers helps me a lot	1	2	3	4	5			
4	The church is very important to me	1	2	3	4	5			
5	I think going to church is a waste of my time	1	2	3	4	5			
6	I want to love Jesus	1	2	3	4	5			
7	I think church services are boring	1	2	3	4	5			
8	I think people who pray are stupid	1	2	3		5			
9	God helps me to lead a better life	1	2	3		5			
10	I like lessons about God very much	1	2	3	4	5			
11	God means a lot to me	1	2	3	4	5			
12	I believe that God helps people	1	2	3	4	5			
13	Prayer helps me a lot	1	2	3	4	5			
14	I know that Jesus is very close to me	1	2	3		5			
15	I think praying is a good thing	1	2	3	4	5			
16	I think the bible is out of date	1	2	3		5			
17	I believe that God listens to prayers	1	2	3	_	5			
18	Jesus doesn't mean anything to me	1	2	3		5			
19	God is very real to me	1	2	3	4	5			
20	I think saying prayers in school does no good	1	2	3	4	5			
21	The idea of God means much to me	1	2	3	4	5			
22	I believe that Jesus still helps people	1	2	3	4	5			
23	I know that God helps me	1	2	3	4	5			
24	I find it hard to believe in God	1	2	3	4	5			

## Appendix G

**Recruitment Introduction to Study Letter** 

#### RECRUITMENT INTRODUCTION TO STUDY

I am Leslie Brost, MA, a fourth-year graduate student in the Graduate School of Clinical Psychology at George Fox University, Newberg, Oregon. This is an introduction to the dissertation project on which I am working to complete my doctoral degree.

I believe that the family is the foundational unit of our society, and that Fathers play a unique role within that unit. I am particularly interested in understanding the role of the Christian father in his family. Research about fathering, and Christian fathering specifically, is somewhat limited at this time. It is my hope that the information gathered in my study will meaningfully contribute to the body of fathering research. Further, I hope that it will eventually become part of materials/seminars aimed at helping fathers become the best dads they can be.

The study is designed to collect data from father-child pairs. Although several of the questions are Christian oriented, it is not required that participants be Christian. The father participants can be biological, step, foster, or adoptive, but they must live with the participating child at least part time. The participating children can be 10, 11, 12, 13, 14, or 15 years old; both male and female are desired. The father packets include four questionnaires, the child packets three. The average time commitment is 20-30 minutes per participant.

If you meet the criteria (or know someone who does) and would be willing participants, please contact me at your earliest possible convenience. I have packets ready to be sent out in the mail with complete instructions and return postage. I need a minimum of 30 completed dyads to calculate the results...so every single participant dyad is important to me. I am greatly appreciative!

Sincere thanks, Leslie G. Brost, M. A., Doctoral Student 1313 NE Irvine McMinnville, OR 97128 brosty@viclink.com 1-503-435-2448

Dissertation Chair: Gale H. Roid, Ph.D. GFU: 503-554-2756

## Appendix H

Research Packet Introduction to Study

I am Leslie Brost, MA, a committed Christian and fourth-year graduate student in the Graduate School of Clinical Psychology at George Fox University, Newberg, Oregon. This is an introduction to the dissertation project on which I am working to complete my doctoral degree.

I believe that the family is the foundational unit of our society, and that it was ordained by God to be such. I am particularly interested in understanding the role of the Christian father in his family. Research about fathering, and Christian fathering specifically, is somewhat limited at this time. It is my hope that the information gathered in my study will meaningfully contribute to the body of fathering research. Further, I hope that it will eventually become part of materials/seminars aimed at helping fathers become the best dads they can be.

The study is designed to gather data from Christian fathers and their children. However, fathers are not required to be Christian to participate. Fathers may be biological, step, foster, or adoptive and must live with the participating child at least part time. The participating children should be 10, 11, 12, 13, 14, or 15 years old, both male and female are desired. The father's packet includes four questionnaires, the child's three. The average time commitment is approximately 20-30 minutes to complete the measures and the consent for participation form.

If you and your child choose to participate several important things must be noted. First, it is essential that you and your child complete the consent for participation form and return it along with the questionnaires. Second, both fathers and children should be voluntary participants. Further, fathers and children should complete the questionnaires separately, and place them in the provided security envelopes when completed. It is important that all participants' answers are kept private and confidential. Third, please note that the questionnaire packets are designated either "Father" or "Child." Instructions for completing the questions are provided at the top of each set. Please answer the questions frankly, according to how things really are, rather than how you would like them to be. And finally, for the data to be useable, all the questions must be completed. Please double check that all times are filled in.

I would be happy to send participants an overview of the study results, when they are completed. If you desire such an overview, please complete the enclosed "request" form and return it in the provided envelope. If, after beginning to complete the questionnaires, you decide not to participate please destroy the partially completed materials.

Dissertation Chair:

Gale H. Roid, Ph.D.

GFU: 503-554-2756

Please return the following, in the addressed/stamped envelope which I have provided:

- Completed consent form, signed and dated by both father and child participants.
- Completed: "Father Packet," sealed in its own security envelope."
- Completed "Child Packet," sealed in its own "security envelope."
- (optional) Completed "Request" Form.

Thank-you for reviewing this introduction and participating in my project. Sincerely,

Leslie G. Brost, M. A., Doctoral Student

1313 NE Irvine

McMinnville, OR 97128

# Appendix I

**Consent for Participation Form** 

### Consent For Participation Form

The purpose of this study is to add to the body of research concerned with examining the unique role of fathers in the lives of their children. The researcher, Leslie G. Brost, M.A., is undertaking this study as part of the requirements for doctoral work at the Graduate School of Clinical Psychology, George Fox University.

Your participation in this study is completely voluntary. Neither you nor your child are required to participate. Both you and your child have the right to stop participation at any time before, during, or immediately after the process of filling out the questionnaires—in which case, any completed data will be destroyed.

The information collected through the questionnaires will remain anonymous and confidential; each packet of questionnaires will be identified by a number, rather than a name. This face sheet will not be identified with a number and will be stored separately from any data given.

If you agree to participate under the terms stated above, please give your conbelow.	nsent by signing
Signature of Adult Participant	Date
Because your child is a minor, he or she cannot give legal consent for participate please have her/him give a signature of Then, please sign the parental consent below.	
Signature of Child Participant	Date
Signature of Child's Parent/Guardian	Date
Thank-you for your help!	

Thank-you for your help!
Leslie G. Brost, M.A.
Doctoral Student, George Fox University

Appendix J

**Father Packet Scoring Templates** 

		Fathering Appraisals 65
	DEMOGRAPHICS	
1. Tod	ay's Date: actual date	9. Education Level
	•	1 High School/GED
2. Your	r current age: actual age	2 Technical Degree
	0	3 Associate Degree
3. Whe	re Do You Currently Live?	4 Bachelor's Degree
1		5 Master's Degree
2	Town (2,500 - 10,000)	6 Doctoral Degree
3	Town (10,000 to 50,000)	7 Did not complete HS/GED
4	City (50,000 to 250, 000)	•
5	Metro area (over 250,000)	10. Did You Feel That Your Father Was
	,	Largely Absent While You Were Growing
4. Partic	ripating Child's Gender	Up?
1	- I	1 Yes
2	. Female	2 No(If No, skip to question #13)
5. Partic	ripating Child's Age:	11. If So, How Old Were You When It
10	13	Began?
11	. 14	actual age
12	2 15	
		12. If So, What Reason Best Describes His
6. Relat	ionship To Participating Child	Absence?
1	6	1 Death
2	Step-Father	2 Divorce or separation
3	Adoptive Father	3 Abandonment
4	Other (please describe)	4 Work
		5 Other (please describe)
	The Participating Child Live	
With Yo		13. As A Child, Which Of The Following
1		Did You Experience Within Your
2		Family?
3	Part Time	A&D Alcohol or drug abuse
		SA Sexual molestation
8. Ethni	city/Race:	PA Physical Abuse
	Anglo-American (White)	EA Emotional Abuse
	African-American	EN Emotional neglect
3	Asian-American	UT Too much unsupervised time
	Hispanic Origin	NOA None of the above
5	Native American (Tribal	
	Affiliation)	14. Current Marital Status:
6	Other (please list)	1 Married
		2 Not Married

# FATHER'S EMOTIONAL STABILITY FACTOR Scoring Sheet

1 = Not True 2 = Usually Not True 3 = Not Sure 4 = Usually True 5 = Very True

Reversed Score
Reversed Score
Reversed Score
Reversed Score
5. Raw Score
6. Raw Score
Reversed Score
8. Raw Score
9. Raw Score
10. Raw Score
Reversed Score
Reversed Score
Reversed Score
Reversed Score
Reversed Score
16. Raw Score
Reversed Score
18. Raw Score
Reversed Score
20. Raw Score
Reversed Score
22. Raw Score
Reversed Score
24. Raw Score
TOTAL FES Score

**FV7-SSF Scoring Sheet** 

INSTRUCTIONS: Take the responses from the questionnaire and place them next to the corresponding items in each section below. Total the scores for the items under each of the 7 secrets and then calculate a total score by adding each factor score together.

SECRET #1-Com	mitment
A4.	Raw Score Reversed Score
A10.	Raw Score Reversed Score
A15.	Raw Score Reversed Score
A18.	Raw Score Reversed Score
	Secret #1 Total:
SECRET #2-Kno	wing Your Child
A1. Score_	avo.
A6. Score_	
A13. Score_	
A14. Score_	
A16. Score_	
Secret #2 Total:	
SECRET #3-Con	
	A3. Score
A8. Kaw S	core A8. Reversed Score
	A5. Score
	A11. Score
	A17. Score
	Secret #3 Total:
	ecting and Providing rises: Providing:
B1.	ScoreB9. Score
B4.	ScoreB6. Score
<b>B</b> 7.	ScoreB13. Score
B11.	ScoreSecret #4b Total
Secr	et #4a Total
SECRET #5-Low	ing My Wife
B2.	Score
B10.	Score
B8.	Score
Se	cret #5 Total: NM
SECRET #6-Activ	e Listening
A2.	Score
A9.	Score
A7.	Score
A12.	Score
	cret #6 Total:
SECRET #7 - Spir	itual Input
B3.	Score
B5.	Score
B12.	Score
	ecret #7 Total:
TOTAL SV7-SSF	Score

## NPFP-I Scoring Sheet

1 =Mostly False 2 =Somewhat False 3 =Undecided 4= Somewhat True 5 =Mostly True

MEN AND THEIR BELIEFS	
	1. Raw Score
	2. Raw Score
	3. Raw Score
	4. Raw Score
	5. Raw Score
	6. Raw Score
	BELIEF SCORE
MEN AND THEIR FATHERS	5
1. Raw Score	Reversed Score
2. Raw Score	Reversed Score
3. Raw Score	Reversed Score
4. Raw Score	Reversed Score
5. Raw Score	Reversed Score
	6. Raw Score
	<ol> <li>Raw Score</li> </ol>
	8. Raw Score
	9. Raw Score
	10. Raw Score
	11. Raw Score
	FATHER SCORE
CANDIDNESS	
	1. Raw Score
	2. Raw Score
	3. Raw Score
	4. Raw Score
	5. Raw Score
	6. Raw Score
	7. Raw Score
	8. Raw Score
	9. Raw Score
	10. Raw Score
	CANDIDNESS SCORE

# Appendix K

**Child Packet Scoring Templates** 

## CHILDREN'S EMOTIONAL STABILITY FACTOR Scoring Sheet

1 = Not True 2 = Usually Not True 3 = Not Sure 4 = Usually True 5 = Very True

		-commy rest rate of the control of t
1.	Raw Score	Reversed Score
2.	Raw Score	Reversed Score
3.	Raw Score	Reversed Score
4.	Raw Score	Reversed Score
		5. Raw Score
		6. Raw Score
7.	Raw Score	Reversed Score
		8. Raw Score
		9. Raw Score
		10. Raw Score
11.	Raw Score	Reversed Score
12.	Raw Score	Reversed Score
13.	Raw Score	Reversed Score
14.	Raw Score	Reversed Score
15.	Raw Score	Reversed Score
		16. Raw Score
17.	Raw Score	Reversed Score
		18. Raw Score
19	. Raw Score	Reversed Score
		20. Raw Score
21	. Raw Score	Reversed Score
		22. Raw Score
23	Raw Score	Reversed Score
		24. Raw Score
		TOTAL CES Score

## FSATC Scoring Sheet

#### INSTRUCTIONS:

TOTAL FSATC Score

Score the items of the Questionnaire according to the following. Notice that several of the items are reverse scored..

ı.	Raw Score	Reversed score	
		2. Raw Score	
		3. Raw Score	
		4. Raw Score	
5.	Raw Score	Reversed Score	
		6. Raw Score	
7.	Raw Score	Reversed Score	
8.	Raw Score	Reversed Score	
		9. Raw Score	
		10. Raw Score	
		11. Raw Score	
		12. Raw Score	
		13. Raw Score	
		14. Raw Score	
		15. Raw Score	
16.	Raw Score	Reversed Score	
		17. Raw Score	
18	Raw Score	Reversed Score	
		19. Raw Score	·
20.	. Raw Score	Reversed Score	
		21. Raw Score	
		22. Raw Score	***************************************
		23. Raw Score	
24	. Raw Score	Reversed Score	

# SHORT VERSION 7-SECRETS SURVEY for CHILDREN SCORING SHEET

SCORING SHEET INSTRUCTIONS: Take the responses from the questionnaire and place them next to the corresponding items in each section below. Total the scores for the items under each of the 7 secrets and then calculate a total score by adding each factor score together.

SECRET #1-Com	mitment	
A4.	Raw Score	Reversed Score
A10.	Raw Score	Reversed Score
A15.		Reversed Score
A18.		Reversed Score
		Secret #1 Total:
SECRET #2-Knot	ving Your Child	
A1. Score		
A6. Score_		
A13. Score_		
A14. Score_		
A16. Score_		
Secret #2 Total:_	<del></del>	
SECRET #3 - Cons	<i>3</i>	
40 D		. Score
Ab. Raws	core A8. Reve	rsed Score . Score
		1. Score
		7. Score
		ret #3 Total:
B1. B4. B7. B11.	Score   B9     Score   B6     Score   B1     Score   Secore   Se	. Score
SECRET #5-Love	ng His Wife	
B2.	Score	
B10.	Score	
B8.	Score	
Se	cret #5 Total:	NM
SECRET #6-Actit	e Listening	
A2.	Score	
A9.	Score	
A7.	Score	
A12.	Score	
Secret #6	Total:	
SECRET #7-Spir	itual Input	
В3.	Score	
B5.	Score	
B12.	Score	
Se	cret #7 Total:	
TOTAL SV7-SSC	Score	

# Appendix L

**Description of Variable Labels** 

#### Description of Variable Labels

COLUMN 1: Identification Number

COLUMN 2: F AGE: Father's age at time of study

COLUMN 3: POP: Population of father's residence area

COLUMN 4: C GEN: Child's gender

COLUMN 5: C AGE: Child's age

COLUMN 6: F/C REL: Father's relationship to child

COLUMN 7: C RES: Child's residence

COLUMN 8: ETH: Ethnicity

COLUMN 9: FED: Father's level of education

COLUMN 10: FA: "Was your father absent while you were growing up?"

COLUMN 11: F AST: "If so, how old were you when the absence began?"

COLUMN 12: F AR: "If so, what was the main reason for your father's absence?"

COLUMN 13: D&A AB: Drug and alcohol abuse in father's family of origin

COLUMN 14: SEX AB: Sexual abuse in father's family of origin

COLUMN 15: PHYS AB: Physical abuse in father's family of origin

COLUMN 16: EMO AB: Emotional abuse in father's family of origin

COLUMN 17: EMO NG: Emotional neglect in father's family of origin

COLUMN 18: UNS TM: Too much unsupervised time in father's family of origin

COLUMN 19: MR ST: Marital status of father

COLUMN 20: FES 1: Father's Stability Item 1

COLUMN 21: FES 2: Father's Stability Item 2

COLUMN 22: FES 3: Father's Stability Item 3

COLUMN 23: FES 4: Father's Stability Item 4

COLUMN 24: FES 5: Father's Stability Item 5

COLUMN 25: FES 6: Father's Stability Item 6

COLUMN 26: FES 7: Father's Stability Item 7

COLUMN 27: FES 8: Father's Stability Item 8

COLUMN 28: FES 9: Father's Stability Item 9

COLUMN 29: FES 10: Father's Stability Item 10

COLUMN 30: FES 11: Father's Stability Item 11

COLUMN 31: FES 12: Father's Stability Item 12

COLUMN 32: FES 13: Father's Stability Item 13

COLUMN 33: FES 14: Father's Stability Item 14

COLUMN 34: FES 15: Father's Stability Item 15

COLUMN 35: FES 16: Father's Stability Item 16

COLUMN 36: FES 17: Father's Stability Item 17

COLUMN 37: FES 18: Father's Stability Item 18

COLUMN 38: FES 19: Father's Stability Item 19

COLUMN 39: FES 20: Father's Stability Item 20

COLUMN 40: FES 21: Father's Stability Item 21

COLUMN 41: FES 22: Father's Stability Item 22

COLUMN 42: FES 23: Father's Stability Item 23

COLUMN 43: FES 24: Father's Stability Item 24

COLUMN 44: TOT FES: Father's Stability Total

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COLUMN 45: F7S1 A4: Father's 7 Secrets Survey Item A4

COLUMN 46: F7S1 A10: Father's 7 Secrets Survey Item A10

COLUMN 47: F7S1 A15: Father's 7 Secrets Survey Item A15

COLUMN 48: F751 A18: Father's 7 Secrets Survey Item A18

COLUMN 49: F7S1 FCM: Father's 7 Secrets Survey Factor 1 (Commitment) Total

COLUMN 50: F7S2 A1: Father's 7 Secrets Survey Item A1

COLUMN 51: F7S2 A6: Father's 7 Secrets Survey Item A6

COLUMN 52: F7S2 A13: Father's 7 Secrets Survey Item A13

COLUMN 53: F7S2 A14: Father's 7 Secrets Survey Item A14

COLUMN 54: F7S2 A16: Father's 7 Secrets Survey Item A16

COLUMN 55: F7S2 FKN: Father's 7 Secrets Survey Factor 2 (Knowing Your Child) Total

COLUMN 56: F7S3 A3: Father's 7 Secrets Survey Item A3

COLUMN 57: F7S3 A8: Father's 7 Secrets Survey Item A8

COLUMN 58: F7S3 A5: Father's 7 Secrets Survey Item A5

COLUMN 59: F7S3 A11: Father's 7 Secrets Survey Item A11

COLUMN 60: F753 A17: Father's 7 Secrets Survey Item A17

COLUMN 61: F7S3 FCN: Father's 7 Secrets Survey Factor 3 (Consistency) Total

COLUMN 62: F7S4A B1: Father's 7 Secrets Survey Item B1

COLUMN 63: F7S4A B4: Father's 7 Secrets Survey Item B4

COLUMN 64: F7S4A B7: Father's 7 Secrets Survey Item B7

COLUMN 65: F7S4A B11: Father's 7 Secrets Survey Item B11

COLUMN 66: F7S4A FPT: Father's 7 Secrets Survey Factor 4a (Protecting) Total

COLUMN 67: F7S4B B9: Father's 7 Secrets Survey Item B9

COLUMN 68: F7S4B B6: Father's 7 Secrets Survey Item B6

COLUMN 69: F7S4B B13: Father's 7 Secrets Survey Item B13

COLUMN 70: F7S4B FPV: Father's 7 Secrets Survey Factor 4b (Providing) Total

COLUMN 71: F7S5 B2: Father's 7 Secrets Survey Item B2

COLUMN 72: F7S5 B10: Father's 7 Secrets Survey Item B10

COLUMN 73: F7S5 B8: Father's 7 Secrets Survey Item B8

COLUMN 74: F7S5 FLW: Father's 7 Secrets Survey Factor 5 (Loving My Wife) Total

COLUMN 75: F7S5 RFLW: Revised Father's 7 Secrets Survey Factor 5 (Loving My Wife) Total

COLUMN 76: F7S6 A2: Father's 7 Secrets Survey Item A2

COLUMN 77: F7S6 A9: Father's 7 Secrets Survey Item A9

COLUMN 78: F7S6 A7: Father's 7 Secrets Survey Item A7

COLUMN 79: F7S6 A12: Father's 7 Secrets Survey Item A12

COLUMN 80: F7S6 FLSN: Father's 7 Secrets Survey Factor 6 (Active Listening) Total

COLUMN 81: F7S7 B3: Father's 7 Secrets Survey Item B3

COLUMN 82: F7S7 B5: Father's 7 Secrets Survey Item B5

COLUMN 83: F7S7 B12: Father's 7 Secrets Survey Item B12

COLUMN 84: F7S7 FSPT: Father's 7 Secrets Survey Factor 7 (Spiritual Input) Total

COLUMN 85: TOT F7S: Father's 7 Secrets Survey Total Effectiveness Score

COLUMN 86: RTOT F7S: Revised Father's 7 Secrets Survey Total Effectiveness Score

COLUMN 87: MB 1: Father's New Personal Fathering Profile Men and Their Beliefs Item 1

COLUMN 88: MB 2: Father's New Personal Fathering Profile Men and Their Beliefs Item 2

COLUMN 89: MB 3: Father's New Personal Fathering Profile Men and Their Beliefs Item 3

COLUMN 90: MB 4: Father's New Personal Fathering Profile Men and Their Beliefs Item 4

COLUMN 91: MB 5: Father's New Personal Fathering Profile Men and Their Beliefs Item 5 COLUMN 92: MB 6: Father's New Personal Fathering Profile Men and Their Beliefs Item 6 COLUMN 93: TOT MB: Father's New Personal Fathering Profile Men and Their Beliefs Total COLUMN 94: MF 1: Father's New Personal Fathering Profile Men and Their Fathers Item 1 COLUMN 95: MF 2: Father's New Personal Fathering Profile Men and Their Fathers Item 2 COLUMN 96: MF 3: Father's New Personal Fathering Profile Men and Their Fathers Item 3 COLUMN 97: MF 4: Father's New Personal Fathering Profile Men and Their Fathers Item 4 COLUMN 98: MF 5: Father's New Personal Fathering Profile Men and Their Fathers Item 5 COLUMN 99: MF 6: Father's New Personal Fathering Profile Men and Their Fathers Item 6 COLUMN 100: MF 7: Father's New Personal Fathering Profile Men and Their Fathers Item 7 COLUMN 101: MF 8: Father's New Personal Fathering Profile Men and Their Fathers Item 8 COLUMN 102: MF 9: Father's New Personal Fathering Profile Men and Their Fathers Item 9 COLUMN 103: MF 10: Father's New Personal Fathering Profile Men and Their Fathers Item 10 COLUMN 104: MF 11: Father's New Personal Fathering Profile Men and Their Fathers Item 11 COLUMN 105: TOT MF: Father's New Personal Fathering Profile Men and Their Fathers Total COLUMN 106: ME 1: Father's New Personal Fathering Profile Men and Their Ethics Item 1 COLUMN 107: ME 2: Father's New Personal Fathering Profile Men and Their Ethics Item 2 COLUMN 108: ME 3: Father's New Personal Fathering Profile Men and Their Ethics Item 3 COLUMN 109: ME 4: Father's New Personal Fathering Profile Men and Their Ethics Item 4 COLUMN 110: ME 5: Father's New Personal Fathering Profile Men and Their Ethics Item 5 COLUMN 111: ME 6: Father's New Personal Fathering Profile Men and Their Ethics Item 6 COLUMN 112: ME 7: Father's New Personal Fathering Profile Men and Their Ethics Item 7 COLUMN 113: ME 8: Father's New Personal Fathering Profile Men and Their Ethics Item 8

COLUMN 114: ME 9: Father's New Personal Fathering Profile Men and Their Ethics Item 9

COLUMN 115: ME 10: Father's New Personal Fathering Profile Men and Their Ethics Item 10

COLUMN 116: TOT ME: Father's New Personal Fathering Profile Men and Their Ethics Total

COLUMN 117: CES 1: Child's Stability Item 1

COLUMN 118: CES 2: Child's Stability Item 2

COLUMN 119: CES 3: Child's Stability Item 3

COLUMN 120: CES 4: Child's Stability Item 4

COLUMN 121: CES 5: Child's Stability Item 5

COLUMN 122: CES 6: Child's Stability Item 6

COLUMN 123: CES 7: Child's Stability Item 7

COLUMN 124: CES 8: Child's Stability Item 8

COLUMN 125: CES 9: Child's Stability Item 9

COLUMN 126: CES 10: Child's Stability Item 10

COLUMN 127: CES 11: Child's Stability Item 11

COLUMN 128: CES 12: Child's Stability Item 12

COLUMN 129: CES 13: Child's Stability Item 13

COLUMN 130: CES 14: Child's Stability Item 14

COLUMN 131: CES 15: Child's Stability Item 15

COLUMN 132: CES 16: Child's Stability Item 16

COLUMN 133: CES 17: Child's Stability Item 17

COLUMN 134: CES 18: Child's Stability Item 18

COLUMN 135: CES 19: Child's Stability Item 19

COLUMN 136: CES 20: Child's Stability Item 20

COLUMN 137: CES 21: Child's Stability Item 21

COLUMN 138: CES 22: Child's Stability Item 22

COLUMN 139: CES 23: Child's Stability Item 23

COLUMN 140: CES 24: Child's Stability Item 24

COLUMN 141: TOT CES: Child's Stability Total

COLUMN 142: RTOT CES: Revised Child's Stability Total

COLUMN 143: AS 1: Francis Scale of Attitude Towards Christianity Item 1

COLUMN 144: AS 2: Francis Scale of Attitude Towards Christianity Item 2

COLUMN 145: AS 3: Francis Scale of Attitude Towards Christianity Item 3

COLUMN 146: AS 4: Francis Scale of Attitude Towards Christianity Item 4

COLUMN 147: AS 5: Francis Scale of Attitude Towards Christianity Item 5

COLUMN 148: AS 6: Francis Scale of Attitude Towards Christianity Item 6

COLUMN 149: AS 7: Francis Scale of Attitude Towards Christianity Item 7

COLUMN 150: AS 8: Francis Scale of Attitude Towards Christianity Item 8

COLUMN 151: AS 9: Francis Scale of Attitude Towards Christianity Item 9

COLUMN 152: AS 10: Francis Scale of Attitude Towards Christianity Item 10

COLUMN 153: AS 11: Francis Scale of Attitude Towards Christianity Item 11

COLUMN 154: AS 12: Francis Scale of Attitude Towards Christianity Item 12

COLUMN 155: AS 13: Francis Scale of Attitude Towards Christianity Item 13

COLUMN 156: AS 14: Francis Scale of Attitude Towards Christianity Item 14

COLUMN 157: AS 15: Francis Scale of Attitude Towards Christianity Item 15

COLUMN 158: AS 16: Francis Scale of Attitude Towards Christianity Item 16

COLUMN 159: AS 17: Francis Scale of Attitude Towards Christianity Item 17

81

COLUMN 160: AS 18: Francis Scale of Attitude Towards Christianity Item 18

COLUMN 161: AS 19: Francis Scale of Attitude Towards Christianity Item 19

COLUMN 162: AS 20: Francis Scale of Attitude Towards Christianity Item 20

COLUMN 163: AS 21: Francis Scale of Attitude Towards Christianity Item 21

COLUMN 164: AS 22: Francis Scale of Attitude Towards Christianity Item 22

COLUMN 165: AS 23: Francis Scale of Attitude Towards Christianity Item 23

COLUMN 166: AS 24: Francis Scale of Attitude Towards Christianity Item 24

COLUMN 167: TOT AS: Francis Scale of Attitude Towards Christianity Total Score

COLUMN 168: C7S1 A4: Child's 7 Secrets Survey Item A4

COLUMN 169: C7S1 A10: Child's 7 Secrets Survey Item A10

COLUMN 170: C7S1 A15: Child's 7 Secrets Survey Item A15

COLUMN 171: C7S1 A18: Child's 7 Secrets Survey Item A18

COLUMN 172: C7S1 CCM: Child's 7 Secrets Survey Factor 1 (Commitment) Total

COLUMN 173: C7S1 RCCM: Revised Child's 7 Secrets Survey Factor 1 (Commitment) Total

COLUMN 174: C7S2 A1: Child's 7 Secrets Survey Item A1

COLUMN 175: C7S2 A6: Child's 7 Secrets Survey Item A6

COLUMN 176: C7S2 A13: Child's 7 Secrets Survey Item A13

COLUMN 177: C7S2 A14: Child's 7 Secrets Survey Item A14

COLUMN 178: C7S2 A16: Child's 7 Secrets Survey Item A16

COLUMN 179: C752 CKN: Child's 7 Secrets Survey Factor 2 (Knowing your Child) Total

COLUMN 180: C7S3 A3: Child's 7 Secrets Survey Item A3

COLUMN 181: C7S3 A8: Child's 7 Secrets Survey Item A8

COLUMN 182: C7S3 A5: Child's 7 Secrets Survey Item A5

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COLUMN 183: C7S3 A11: Child's 7 Secrets Survey Item A11

COLUMN 184; C7S3 A17: Child's 7 Secrets Survey Item A17

COLUMN 185: C7S3 CCN: Child's 7 Secrets Survey Factor 3 (Consistency) Total

COLUMN 186: C7S3 RCCN: Revised Child's 7 Secrets Survey Factor 3 (Consistency) Total

COLUMN 187: C7S4A B1: Child's 7 Secrets Survey Item B1

COLUMN 188: C7S4A B4: Child's 7 Survey Item B4

COLUMN 189: C7S4A B7: Child's 7 Secrets Survey Item B7

COLUMN 190: C7S4A B11: Child's 7 Secrets Survey Item B11

COLUMN 191: C7S4A CPT: Child's 7 Secrets Survey Factor 4a (Protecting) Total

COLUMN 192: C7S4B B9: Child's 7 Secrets Survey Item B9

COLUMN 193: C7S4B B6: Child's 7 Secrets Survey Item B6

COLUMN 194: C7S4B B13: Child's 7 Secrets Survey Item B13

COLUMN 195: C7S4B CPV: Child's 7 Secrets Survey Factor 4b (Providing) Total

COLUMN 196: C7S5 B2: Child's 7 Secrets Survey Item B2

COLUMN 197: C7S5 B10: Child's 7 Secrets Survey Item B10

COLUMN 198: C7S5 B8: Child's 7 Secrets Survey Item B8

COLUMN 199: C7S5 CLW: Child's 7 Secrets Survey Factor 5 (Loving His Wife) Total

COLUMN 200: C756 A2: Child's 7 Secrets Survey Item A2

COLUMN 201: C7S6 A9: Child's 7 Secrets Survey Item A9

COLUMN 202: C7S6 A7: Child's 7 Secrets Survey Item A7

COLUMN 203: C756 A12: Child's 7 Secrets Survey Item A12

COLUMN 204: C7S6 CLSN: Child's 7 Secrets Survey Factor 6 (Active Listening) Total

COLUMN 205: C757 B3: Child's 7 Secrets Survey Item B3

COLUMN 206: C7S7 B5: Child's 7 Secrets Survey Item B5

COLUMN 207: C7S7 B12: Child's 7 Secrets Survey Item B12

COLUMN 208: C7S7 CSPT: Child's 7 Secrets Survey Factor 7 (Spiritual Input) Total

COLUMN 209: TOT C7S: Child's 7 Survey Total Father Effectiveness Score

COLUMN 210: RTOT C7S: Revised Child's 7 Secrets Survey Total Father Effectiveness Score

Appendix M

Raw Data Table

1	2	3	4	5	6	7	8	9	10	11	12	13	14	1.5	16	17	18	19
	F		С	С	F/C	С		F		F	F	D&A	SEX	PHYS	EMO	EMO	UNS	MR
	AGE	POP	CEN	AGE	REL	RES	ETH	ED	FA	AST	AR	AB	AB	AB	AB	NG	TM	ST
1	++	4	2	12	l	1	1	4	2			2	2	2	2	2	2	1
2	49	4	1	11	1	1	1	4	2			2	2	2	2	2	2	1
3	35	4	1	12	1	1	1	3	1	4	2	1	2	1	1	1	1	2
4	45	4	2	11	1	1	1	1	2			2	2	2	2	2	1	1
5	38	5	1	12	1	1	1	3	2			2	2	2	2	2	2	1
6	38	4	2	10	1	1	1	7	2			2	2	2	2	1	1	1
7	41	5	1	10	1	3	1	6	1	2	1	2	2	2	2	2	ι	1
8	43	1	2	11	1	1	1	4	2			2	2	2	2	2	1	1
9	12	3	1	10	1	1	1	5	2			2	2	2	2	2	2	1
10	50	4	1	11	1	1	1	6	1	5	5	1	2	2	2	1	1	2
11	45	5	2	10	1	1	1	5	2			2	2	2	2	2	2	1
12	38	1	1	11	1	1	1	4	2			2	2	2	2	2	2	1
13	45	1	1	12	1	1	1	5	2			2	2	2	2	2	2	1
14	36	5	2	12	1	1	1	1	2			2	2	2	2	2	2	2
15	42	4	ı	11	3	1	1	1	2			2	2	2	2	2	2	1
16	43	4	1	13	1	3	1	6	2			2	2	2	2	2	2	1
17	46	1	2	12	1	1	1	3	2			2	2	2	2	2	2	1
18	46	1	2	13	1	1	1	3	2			2	2	2	2	2	2	1
19	42	1	1	10	1	1	1	1	2			2	2	2	2	2	2	1
20	40	2	1	13	1	1	1	4	2			2	2	2	2	2	2	1
21	51	3	2	12	1	1	1	5	2			2	2	2	2	2	2	1
22	46	1	2	11	1	1	1	3	2			2	2	2	2	2	2	1
23	51	3	2	12	1	1	1	5	2	Τ.		2	2	2	2	2	2	1
24	48	4	2	11	1	1	1	3	1	0	5	2	2	2	2	2	2	1
25	40	2	2	15	2	1	1	1	2			2	2	2	2	2	2	1
26	44	3	1	10	1	1	1	6	2			2	2	2	2	2	2	1
27	43	4	1	10	1	1	1	1	2			1	2	2	2	2	2	1
28	36	4	1	10	1	1	1	3	1	4	2	1	2	2	1	1	1	2

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39_	40	41	42	43	44
	FES	FE	FES	ÆS	FES	표	FES	ES	FES	æ	FES	FES	FES	댽	TOT										
į	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	FES
1	4	4	2	4	+	4	4	4	4	4	4	3	5	4	4	4	5	+	5	4	5	4	4	4	97
2	5	5	5	5	1	2	5	2	4	5	5	4	5	4	5	2	4	4	5	5	4	2	4	4	96
3 [	4	-4	1	4	5	4	5	3	1	5	4	5	5	5	5	5	5	5	5	5	3	1	5	5	99
4	4	4	4	5	5	4	2	4	5	4	7	4	4	4	5	4	4	4	4	4	4	4	3	4	97
5	4	4	4	5	2	4	5	3	4	4	7	4	5	4	5	4	5	2	5	4	5	1	5	4	96
6	2	1	3	3	2	2	5	3	1	1	3	2	3	2	3	3	4	2	3	4	3	ı	5	4	65
7	4	4	2	3	4	3	4	3	4	4	4	7	5	2	4	2	4	2	4	4	4	2	7	4	84
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9	3	3	2	3	4	2	4	3	2	3	3	3	3	3	3	3	4	4	4	4	4	5	2	3	77
10	4	5	3	4	4	5	4	4	4	5	4	5	5	5	5	4	5	5	5	5	5	4	5	5	109
11	5	5	2	3	4	4	4	5	4	5	4	4	4	4	4	4	4	4	5	2	4	4	5	4	97
12	5	3	2	3_	2	4	5	4	3	5	4	5	5	5	4	4	2	4	5	5	5	5	+	4	97
13	4	4	2	4	4	1	5	2	4	5	4	2	5	4	4	4	5	5	5	4	5	4	4	4	94
14	2	2	2	4	3	4	5	4	3	3	4	1	5	4	4	4	5	7	4	4	4	4	2	4	85
15	2	4	2	3	2	3	4	3	4	7	2	3	4	3	4	4	-	2	4	3	2	2	2	4	74
16	4	+	4	4	4	2	5	4	4	4	4	5	4	4	4	4	4	4	5	4	4	4	4	4	97
17	4	4	4	4_	4	4	3	4	4	4	5	4	4	4	4	5	5	4	4	5_	4	4	3	4	98
18	4	4	4	4	4	4	3	4	4	4	5	4	4	4	4	5	5	4	4	5	4	4	3	4	98
19	2	4	2	2	2	1	5	1	1	7	2	5	5	4	5	5	1	5_	5	4	_5	5	5	4	84
20	5	4	3	4	5	4	3	4	5	5_	4	2	5	2	5	5	5	1	5	5	4	2	2	4	93
21	3	4	2	2	3	4	4	3	4	5	3	4	4	4	4	4	5	3	5	4	5	2	4	4	89
22	4	+	4	4	4	4	3	4	4	7	4	4	4	4	4	4	5	4	4	4	4	4	3	4	95
23	3	4	2	2	3	4	4	3	4	5	3	4	4	4	4	4	5	3	5	4	5	2	4	4	89
24	1	2	2	1	5	2	3	2	3_	3	1	2	2	2	2	2	3	4	3	3	2	2	5	2	59
25	4	2	4	4	2	4	5	2	2	2	4	4	4	2	4	4	4	4	5	4	4	4	4	4	86
26	4	2	5	4	4	4	2	2	4	5	4	4	4	4	4	4	5	4	5	4	2	4	2	4	90
27	4	2	4	3	4	4	4	4	4	4	4	4	4	4	5	4	4	4	5	4	4	4	4	4	95
28	4	1	1	3	5	3	5	4	4	5	5	1	5	5	5	5	5	1	5	5	5	5	5	5	97

	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
	F751	F751	F751	F7S1	F7S1	F752	F752	F752	F752	F752	F752	F753	F753	F7S3	F753	F753	F753
1	A4	A10	A15	A18	FCM	A1	A6	A13	Al4	A16	FKN	A3	A8	A5	A11	A17	FCN
1	-1	4	3	5	16	4	3	5	4	3	19	4	4	4	4	4	20
2	4	4	4	4	16	4	+	4	4	4	20	5	4	2	4	4	19
3	2	2	2	5	11	5	5	. 5	5	5	25	5	5	5	5	4	24
4	4	4	5	5	18	4	4	5	5	4	22	5	5	5	5	5	25
5	5	5	5	5	20	4	4	4	4	3	19	2	2	4	4	4	16
6	4	4	3	3	14	4	4	5	3	3	19	3	4	4	4	3	18
7	5	5	4	5	19	2	4	5	5	5	21	-1	4	4	4	5	21
8	5	5	5	5	20	5	5	5	5	5	25	5	5	5	4	5	24
9	3	+	4	5	16	3	3	3	3	3	15	4	4	4	1	2	18
10	5	5	5	5	20	5	5	5	5	5	25	5	5	5	5	5	25
11	2	3	3	4	12	3	2	3	2	3	13	5	4_	3	4	4	20
12	4	5	5	5	19	5	5	5	5	5	25	3	5	5	5	5	23
13	5	5	4	4	18	5	5	5	5	4	24	4	4	2	4	5	19
14	5	5	4	5	19	5	4	4	5	4	22	5	2	5	5	5	22
15	4	4	3	4	15	3	4	4	4	4	19	2	4	3	4	2	15
16	5	5	5	5	20	4	3	5	5	4	21	3	5	5	4	5	22
17	4	5	4	4	17	4	4	4	4	4	200	4	4	2	4	4	18
18	4	5	4	4	17	4	4	4	4	4	20	4	4	2	4	4	18
19	5	5	5	5	20	5_	5	4	5	5	24	4	5	5	5	5	24
20	4	3	2	4	13	3	3	5	4	3	18	5	5	4	5	5	24
21	5	5	4	5	19	4	4	4	4	4	200	4	4	4	4	4	20
22	4	5	4	4	17	4	4	4	4	4	20	4	4	2	4	4	18
23	5	5	4	5	19	4	4	4	4	4	20	4	4	4	4	4	20
24	2	1	1	4	8	2	3	4	3	1	13	1	3	4	1	2	11
25	4	2	1	4	11	4	4	4	4	4	200	4	4	4	4	4	20
26	5	5	4	4	18	5	4	4	5	4	22	4	5	4	4	4	21
27	4	5	4	5	18	4	3	4	4	4	19	5	4	4	5	4	22
28	5	5	5	5	20	5	5	5	5	5	25	5	5	5	5	3	23

	62	63	64	65	66	67	68	69	70	71	72	73	74	<i>7</i> 5
	F754A	F7S4A	F754A	F7SIA	F7SLA	F7S4B	F7S4B	F7S4B	F7S4B	F755	F750	F755	F750	F795
	Bl	B4	B7	B11	FPT	B9	B6	B13	FPV	B2.	B10	98	FLW	RFLW
1	3	4	4	4	15	5	5	5	15	4	4	5	13	9
2	3	4	4	5	16	5	_ 5	5	15	4	3	3	10	7
3	5	5	5	5	20	5	_ 5	5	15					
4	4	3	4	4	15	4	4	4	12	3	3	+	10	7
5	4	5	4	-1	17	5	5	5	15	3	5	5	13	8
6	4	3	3	3	13	5	5	5	15	3	3	3	9	6
7	3	4	3	3	13	5	3	4	12	1	3	2	6	3
8	4	3	4	4	15	5	4	4	13	4	2	5	11	9
9	4	4	3	4	15	5	4	3	12	4	2	4	10	8
10	5	5	5	5	20	5	5	5	15					
11	5	4	4	5	18	5	_ 3	4	12	5	2	4	11	9
12	5	4	5	5	19	5	3	5	15	4	1	5	10	9
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14	5	5	4	5	19	5	5	5	15					
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22	5	4	4	5	18	4	4	4	12	4	3	5	12	9
23	4	4	4	4	16	5	5	5	15	4	4	5	13	9
24	2	2	1	2	7	5	5	5	15	4	2	3	9	7
25	4	3	3	3	13	4	4	4	12	3	3	4	10	7
26	5	5	5	5	20	5	5	5	15	4	2	5	11	9
27	4	4	4	4	16	5	4	4	13	4	4	5	13	9
28	5	5	5	5	20	5	5	5	15	<u> </u>	<u> </u>	<u> </u>	<u> </u>	

	76	77	78	79	80	81	82	63	84	85	86
	F756	F756	F756	F756	F756	F757	F757	F757	F757	TOT	RTOT
	A2	A9	A7	A12	FLSN	B3	B6	B12	PSPT	F75	F75
1	4	2	4	5	15	3	4	2	9	122	118
2	5	4	4	5	18	3	4	3	10	124	121
3	S	5	5	5	200	1	3	1	5		
4	5	5	5	5	200	4	4	3	11	133	130
5	4	4	3	4	15	3	4	3	10	125	120
6	5	4	5	5	19	3	4	2	9	116	113
7	4	4	3	5	16	2	3	1	6	114	111
8	5	5	5	5	20	1	1	1	3	131	129
9	3	3	3	5	14	4	4	3	11	111	109
10	5	5	5	5	20	4	4	4	12	,	
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12	5	5	5	5	20	3	3	3	9	140	139
13	4	4	4	4	16	4	5	2	11	128	125
14	5	5	5	5	20	1	4	1	6		
15	4	4	3	4	15	2	4	2	8	108	105
16	5	5	5	5	20	1	3	1	5	124	119
17	3	4	4	4	15	3	4	3	10	122	119
18	3	4	4	4	15	3	4	3	10	122	119
19	5	5	5	5	20	4	4	3	11	143	139
20	4	4	5	5	18	1	4	2	7	121	119
21	4	4	4	4	16	4	5	3	12	131	127
22	3	3	2	3	11	3	4	3	10	118	115
23	4	4	4	4	16	4	5	3	12	131	127
24	4	2	2	3	11	2	2	1	5	79	77
25	2	4	4	4	14	2	2	1	5	105	102
26	5	4	4	5	18	5	5	5	15	140	138
27	4	4	4	4	16	2	2	3	7	124	120
28	5	5	5	5	20	1	1	ı	3	•	

	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
	MB	MB	MB	MB	МВ	МВ	TOT	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF	τοτ
	1	2	3	4	5	6	MB	1	2	3	4	5	6	7	8	9	10	11	MF
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6	1	3	5	3	4	4	20	5	3	3	2	5	3	2	1	3	1	3	31
7	1	4	1	1	3	4	14	5	5	5	5	5	1	5	3	5	5	5	49
8	1	1	1	1	1	1	6	5	5	5	5	5	5	4	4	4	3	5	50
9	1	-4	5	5	3	4	22	5	3	4	4	5	4	3	3	2	4	3	40
10	4	5	5	5	4	5	228	1	1	4	5	4	3	1	1	1	1	1	23
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13	4	5	3	4	5	5	26	5	5	5	5	5	4	4	2	+	1	5	45
14	2	4	2	1	1	3	13	5	5	5	5	5	5	5	7	5	2	5	51
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16	2	4	5	5	4	5	25	5	5	5	5	5	4	4	2	3	1	5	++
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18	+	4	4	5	4	4	25	5	4	5	5	5	5	5	2	2	4	4	46
19	1	4	4	5	4	4	22	5	5	5	5	5	5	5	4	4	4	4	51
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21	5	5	5	5	5	5	30	5	5	5	5	5	3	3	3	4	3	4	45
22	4	4	4	5	4	4	25	5	4	5	5	5	5	5	2	2	4	4	46
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25	3	2	4	4	2	4	19	5	5	5	4	5	4	5	4	4	2	4	47
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27	3	4	4	2	2	2	17	5	4	4	5	5	3	1	2	3	2	3	40
28	3	1	1	1	1	1	8	3	5	5	5	5	1	1	1	1	1	1	27

	106	107	108	109	110	111	112	113	114	115	116_	117	118	119	120	121
	ME	TOT														
	1	2	3	1	5	6	7	8	9	10	ME			CES 3	CES <sub>4</sub>	
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3	1	5	1	1_	4	4	5	1	3	1	32	3	5	2	2	$\square$
4	1	1	1	3	3	1	1	1	1	5	21	1	-	2	1	2
5	2	2		1	7	2	1	1_	1	1	16	3	1	2	1	1
6	2	2	5	1	5	1	1	2	1	3	23	1	2	2	1_	1
7	2	1	1	1	5	1	2	3	3	1	20	3	2	4	1_	3
8	1	5	1	1	1	1	1	1	1	1	14	2	1	5	2	1
9	5	2	1	1	1	1	1	3	1	1	17	2	2	2	4	3
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11	1	4	1	1	3	3	2	2	2	1	20	2	3	2	1	2
12	2	2	2	4	1	4	4	3	3	1	26	4	2	4	1	4
13	1	1	1	1	1	2	1	2	1	1	12	3	3	3	3	3
14	1	5	1	1	5	3	1	4	4	5	30	2	4	2	1	2
15	4	3	1	5	3	3	3	3	4	4	33	2	4	2	1	1
16	1	1	1	ı	5	2	1	1	4	3	20	4	4	3	3	3
17	1	1	1	1	1	2	2	4	1	1	15	2	4	3	4	4
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19	1	2	1	1	1	1	1	1	1	1	11	2	4	2	4	2
20	1	1	l	1	1	1	1	2	1	1	11	2	1	4	3	2
21	1	1	1	1	1	1	1	1	1	1	10	-4	3	4	3	2
22	1	1	1	1	1	2	2	4	1	1	15	2	2	2	1	2
23	1	1	1	1	1	1	1	1	1	1	10	2	1	2	1	2
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27	1	2	1	1	4	1	1	1	1	2	15	4	3	3	1	4
28	1	5	1	1	4	1	1	1	1	1	17	2	4	5	1	5

	122		124		126											137					142
- 1	ŒS	ŒS 7	ŒS B	ŒS	œ e	œ	œ	CES		CES 15		OES 17	CES 18	CES 19	(ES) 26	es R	CES N	ŒS 23	CES 24	TOT CES	CES
	6	3	3	4	10	11	12	13	14	2	16	3	4	5	4	4	4	3	4	82	54
1 2	1	3	2	3	3	1	4	2	3	4	•	3	-	5	2	4	3	4	3	72	31
3	1	4	1	4	5	-	3	5	1	3	-	4	5	5	5	3	3	1	5	80	50
4	1	4	4	5	5	5	5	2	4	1	1	5	5	5	4	5	5	+	5	91	62
5	2	4	1	1	4	1	3	+	1	3	2	1	2	4	1	3	3	5	3	68	36
6	-	5	3	4	5	1	5	5	1	4	1 5	2	2	5	1	4	3	5	4	84	51
7	1	5	3	2	3	1	5	3	3	i	1	4	1	3	3	4	3	3	5	70	48
8	1	1	2	2	1	2	2	5	1	1	2	4	1	2	4	5	5	5	5	65	39
9	1	2	2	3	4	2	3	1	1	1	3	4	2	5	4	4	5	2	2	64	42
10	3	4	3	2	5	4	3	4	4	3	5	4	2	5	3	5	4	3	4	88	57
11	1	4	2	1	5	3	1	5	4	4	1	1	1	5	4	2	1	3	2	60	30
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14	1	2	3	1	5	4	1	1	2	1	3	2	2	5	5	2	2	5	5	63	39
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17	3	4	3	4	1	4	2	1	1	4	5	4	3	4	5	1	4	4	4	81	53
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22	1	2	2	1 4	5	2	12	2	1	1	2	1	4	5	2	2	4	4	4	59	34
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26	2	2	2	4	4	2	2	4	4	1	1 4	1	1 2	15	4	4	2	1	1	72	42
27	1	4	3	1	1	4	2	1	1	2	4	1	1	5	4	2	2	1	1	65	46
28	2	2	2	1	13	5	3	5	3	14	4	1 4	2	5	3	4	2	2	4	77	47

	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167
	AS	A5	AS	AS	AS	AS	AS	A5	AS		A5	AS	TOT												
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AS
1	5	5	5	+	5	5	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	118
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3	1	5	2	1	5	3	3	5	3	2	3	3	2	3	3	3	3	3	3	5	3	3	3	3	76
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6	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	3	5	5	5	5	5	5	5	5	117
7	3	5	5	4	5	5	2	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	113
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28	1	3	3	3	3	1	3	3	1	1	1	3	3	3	3	3	3	3	3	1	2	3	3	2	58

	168	169	170	171	172	173	174	175	176	177	178	179	180
	C7S1 A4	C7S1 A10	C751 A15	C751 A18	CZSI	C751 RCCM	C752 A1	C752 A6	C752 A13	C752 A14	C752 A16	C752	C753
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13	4	4	3	4	15	11	_3	4	1	3	3	14	3
14	5	5	4	5	19	14	5	5	4	4	3	21	5
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22	4	5	2	3	14	11	5	5	5	4	4	23	4
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26	5	1	5	5	16	11	5	5	5	5	5	25	5
27	5	4	4	5	18	13	4	3	4	3	1	15	4
28	4	5	4	5	18	13	5	5	5	5	4	24	4

C753   C753   C753   C753   C753   C754   C754		181	182	183	184	185	186	187	188	189	190	191	192	193	194	195
A8         A5         A11         A17         CCN         RCN         B1         B4         B7         B11         CPT         B9         B6         13         CPV           1         5         5         5         5         22         17         5         5         5         4         19         5         5         5         15           2         2         4         3         4         15         11         4         4         4         16         5         4         4         13           3         3         2         2         5         15         10         5         3         3         2         13         5         5         5         15           4         5         5         4         19         4         4         4         5         17         5         5         5         15           5         3         2         2         4         14         10         4         4         4         5         17         5         5         5         15         15           7         3         5         4         21         17 </td <td></td> <td>[</td> <td></td> <td></td>														[		
1       5       5       5       5       22       17       5       5       5       4       19       5       5       5       15         2       2       4       3       4       15       11       4       4       4       16       5       4       4       13         3       3       2       2       2       5       15       10       5       3       3       2       13       5       5       5       5       15         4       5       5       5       5       15       10       5       3       3       2       13       5       5       5       5       15         5       5       5       4       5       24       19       4       4       5       5       15       5       5       5       15         6       3       3       5       3       18       15       4       5       5       5       19       5       5       5       15         7       3       5       4       21       17       5       5       5       19       5       5       5 <td></td>																
2								BI			B11					
3       3       2       2       5       15       10       5       3       3       2       13       5       5       5       15         4       5       5       4       5       24       19       4       4       5       4       17       5       5       5       15         5       3       2       2       4       14       10       4       4       4       5       17       5       5       5       15         6       3       3       5       3       18       15       4       5       5       5       19       5       5       5       5       15         7       3       5       4       21       17       5       5       5       19       5       5       5       15         8       2       5       5       4       12       17       5       5       5       20       5       5       5       15         9       3       2       3       4       14       10       4       5       3       2       14       4       4       17       5       5 </td <td>1</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>22</td> <td>17</td> <td>5</td> <td>5</td> <td>5</td> <td>4</td> <td>19</td> <td></td> <td>5</td> <td>5</td> <td></td>	1	5	5	5	5	22	17	5	5	5	4	19		5	5	
4         5         5         4         5         24         19         4         4         5         4         17         5         5         5         15           5         3         2         2         4         14         10         4         4         4         5         17         5         5         5         15           6         3         3         5         3         18         15         4         5         5         5         19         5         5         5         15           7         3         5         4         5         20         15         5         5         5         4         19         5         5         5         15           8         2         5         5         4         21         17         5	2	2	4	3	4	15	11	1	_ +	-	1	16	5		+	
5         3         2         2         4         14         10         4         4         4         5         17         5         5         5         15           6         3         3         5         3         18         15         4         5         5         5         19         5         5         5         15           7         3         5         4         5         20         15         5         5         5         5         5         5         5         5         15           8         2         5         5         4         21         17         5         5         5         5         5         5         15           9         3         2         3         4         14         10         4         5         3         2         14         4         3         5         12           10         4         5         3         3         18         15         5         4         4         4         17         5         5         5         5         5         5         5         5         5         5         5	3	3	2	2	5	15	10	5	3	3	2	13	5	5	5	15
6 3 3 5 3 18 15 4 5 5 5 5 19 5 5 5 15 7 3 5 4 5 20 15 5 5 5 5 5 20 5 5 5 15 8 2 5 5 4 21 17 5 5 5 5 5 20 5 5 5 15 9 3 2 3 4 14 10 4 5 3 2 14 4 3 5 15 11 5 4 5 3 22 19 5 5 5 5 20 5 5 5 15 12 4 4 4 4 4 15 11 4 4 4 4 16 5 5 5 5 15 13 3 2 3 4 15 11 4 4 4 16 5 5 5 5 5 20 14 4 3 3 4 15 11 5 11 5 3 4 16 5 5 5 15 15 5 1 4 4 2 2 18 16 4 4 4 4 16 5 5 5 5 15 16 4 4 3 3 4 19 15 5 5 4 5 5 5 19 5 5 5 5 15 17 5 5 5 4 4 2 2 18 16 4 4 4 4 16 5 5 5 5 15 18 5 4 4 4 2 2 18 16 4 4 4 4 16 5 5 5 5 15 19 1 1 1 3 4 14 10 15 11 5 3 4 16 5 5 5 15 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	5	5	4	5	24	19	4	4	5	4	17	5	5	5	15
7         3         5         4         5         20         15         5         5         5         4         19         5         5         5         15           8         2         5         5         4         21         17         5         5         5         5         5         5         5         5         5         15           9         3         2         3         4         14         10         4         5         3         2         14         4         3         5         12           10         4         5         3         3         18         15         5         4         4         4         17         5         5         5         15           11         5         4         5         3         22         19         5         15         15	5	3	2	2	4	14	10	4	4	4	5	17	5	5	5	15
8       2       5       5       4       21       17       5       5       5       5       5       5       5       5       5       15         9       3       2       3       4       14       10       4       5       3       2       14       4       3       5       12         10       4       5       3       3       18       15       5       4       4       4       17       5       5       5       15         11       5       4       5       3       2       19       5        5       5       5       5       5       5       5       5       5       5       5       5       5       5       5        5       5       5       5       5       5       5       5       5       5       5       5       5       5       5        5       5       5       5       5       5       5       5 </td <td>6</td> <td>3</td> <td>3</td> <td>5</td> <td>3</td> <td>18</td> <td>15</td> <td>4</td> <td>5</td> <td>5</td> <td>5</td> <td>19</td> <td>5</td> <td>5</td> <td>5</td> <td>15</td>	6	3	3	5	3	18	15	4	5	5	5	19	5	5	5	15
9 3 2 3 4 14 10 4 5 3 2 14 4 3 5 12  10 4 5 3 3 3 18 15 5 4 4 4 17 5 5 5 15  11 5 4 5 3 22 19 5 5 5 5 20 5 5 5 15  12 4 4 4 4 4 20 16 4 4 4 4 16 5 5 5 5 15  13 3 2 3 4 15 11 4 4 4 16 3 4 4 11  14 1 3 4 5 18 13 5 5 5 5 5 20 5 5 5 15  15 5 1 4 4 15 11 5 11 5 3 4 16 5 5 5 15  16 4 4 3 3 4 19 15 5 4 5 5 19 5 5 5 15  17 5 5 4 4 2 23 19 4 5 5 5 5 19 5 4 5 14  18 5 4 4 2 18 16 4 4 4 4 4 16 4 4 4 16 16 17  18 5 4 4 4 2 18 16 4 4 4 4 16 4 4 16 16 17  19 1 1 1 3 4 14 10 5 5 5 3 4 17  19 1 1 1 3 4 14 10 5 5 5 3 4 17  20 4 4 3 3 5 19 14 5 3 2 2 12 5 4 3 12  21 4 4 4 4 4 19 15 5 5 4 5 19 4 4 5 13  22 5 5 5 5 4 22 18 16 5 5 4 5 19 4 4 5 13  23 5 5 5 4 5 21 16 5 5 5 4 5 19 4 5 5 5 19  24 1 1 1 1 4 8 4 3 2 11 10 9 3 2 3 3 3 11 5 4 4 13  26 1 5 5 5 5 11 10 5 15 10 5 3 3 3 3 3 14 5 4 5 5 5 5 15  27 3 2 1 5 5 5 11 10 5 15 10 5 3 3 3 3 3 14 5 5 4 5 15	7	3	5	4	5	20	15	5	5	5	4	19	5	5	5	15
10	8	2	'n	5	4	21	17	5	5	5	5	20	5	5	5	15
11         5         4         5         3         22         19         5         5         5         5         5         5         5         5         5         15           12         4         4         4         4         4         4         4         4         16         5         5         5         15           13         3         2         3         4         15         11         4         4         4         16         3         4         4         11           14         1         3         4         5         18         13         5         5         5         5         20         5         5         5         15           15         5         1         4         4         15         11         5         3         4         4         16         5         5         5         5         15           16         4         4         3         4         19         15         5         4         5         5         5         19         5         5         5         15           17         5         5	9	3	2	3	4	14	10	4	5	3	2	14	4	3	5	12
12       4       16       3       4       4       11         14       1       3       4       5       18       13       5       5       5       5       5       20       5       5       5       15         15       5       1       4       4       15       11       5       3       4       4       16       5       5       5       15         16       4       4       3       4       19       15       5       4       5       5       19       5       5       5       15         17       5       5       4       4       23       19       4       5       5       5       19       5       4       5       14         18       5       4       4       4       4       4       4       4       4       4       4       4       4       12         19 <td>10</td> <td>-1</td> <td>5</td> <td>3</td> <td>3</td> <td>18</td> <td>15</td> <td>5</td> <td>4</td> <td>4</td> <td>4</td> <td>17</td> <td>5</td> <td>5</td> <td>5</td> <td>15</td>	10	-1	5	3	3	18	15	5	4	4	4	17	5	5	5	15
13         3         2         3         4         15         11         4         4         4         4         16         3         4         4         11           14         1         3         4         5         18         13         5         5         5         5         5         5         5         5         15           15         5         1         4         4         15         11         5         3         4         4         16         5         5         5         15           16         4         4         3         4         19         15         5         4         5         5         19         5         5         5         15           17         5         5         4         4         23         19         4         5         5         5         19         5         5         15           18         5         4         4         4         4         4         4         4         4         4         4         4         4         4         12           19         1         1         3         4	11	5	4	5	3	22	19	5	5	5	5	20	5	5	5	15
14         1         3         4         5         18         13         5         5         5         5         20         5         5         5         15           15         5         1         4         4         15         11         5         3         4         4         16         5         5         5         15           16         4         4         3         4         19         15         5         4         5         5         19         5         5         5         15           17         5         5         4         4         23         19         4         5         5         5         19         5         4         5         14           18         5         4         4         4         4         4         4         4         4         4         4         4         4         4         4         12           19         1         1         3         4         14         10         5         5         3         4         17         5         5         5         15           20         4	12	4	4	4	4	20	16	4	1	4	4	16	5	5	5	15
15	13	3	2	3	4	15	11	-1	+	4	4	16	3	4	4	11
16       4       4       3       4       19       15       5       4       5       5       19       5       5       5       15         17       5       5       4       4       23       19       4       5       5       5       19       5       4       5       14         18       5       4       4       2       18       16       4       4       4       16       4       4       4       12         19       1       1       3       4       14       10       5       5       3       4       17       5       5       5       5       15         20       4       4       3       5       19       14       5       3       2       2       12       5       4       3       12         21       4       4       4       4       19       15       5       5       4       5       13       12         22       1       4       4       4       19       15       5       5       4       5       19       4       4       4       5       13 </td <td>14</td> <td>1</td> <td>3</td> <td>4</td> <td>5</td> <td>18</td> <td>13</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>20</td> <td>5</td> <td>5</td> <td>5</td> <td>15</td>	14	1	3	4	5	18	13	5	5	5	5	20	5	5	5	15
17     5     5     4     4     23     19     4     5     5     5     19     5     4     5     14       18     5     4     4     2     18     16     4     4     4     4     16     4     4     4     12       19     1     1     3     4     14     10     5     5     3     4     17     5     5     5     15       20     4     4     3     5     19     14     5     3     2     2     12     5     4     3     12       21     4     4     4     4     19     15     5     5     4     5     19     4     4     5     13       22     5     5     5     4     23     19     5     4     5     19     4     4     5     13       22     5     5     5     4     23     19     5     4     5     19     4     4     5     13       22     5     5     5     4     23     19     5     4     5     4     18     5     5     5     15	15	5	1	+	4	15	11	5	3	4	4	16	5	5	5	15
18     5     4     4     2     18     16     4     4     4     4     16     4     4     4     12       19     1     1     3     4     14     10     5     5     3     4     17     5     5     5     15       20     4     4     3     5     19     14     5     3     2     2     12     5     4     3     12       21     4     4     4     4     19     15     5     5     4     5     19     4     4     5     13       22     5     5     5     4     23     19     5     4     5     19     4     4     5     13       23     5     5     5     4     23     19     5     4     5     19     4     4     5     13       24     1     1     1     4     8     4     3     2     1     1     7     5     5     5     5     15       25     3     2     2     1     10     9     3     2     3     3     11     5     4     4 <td< td=""><td>16</td><td>4</td><td>4</td><td>3</td><td>4</td><td>19</td><td>15</td><td>5</td><td>4</td><td>5</td><td>5</td><td>19</td><td>5</td><td>5</td><td>5</td><td>15</td></td<>	16	4	4	3	4	19	15	5	4	5	5	19	5	5	5	15
19     1     1     3     4     14     10     5     5     3     4     17     5     5     5     15       20     4     4     3     5     19     14     5     3     2     2     12     5     4     3     12       21     4     4     4     4     19     15     5     5     4     5     19     4     4     5     13       22     5     5     5     5     4     23     19     5     4     5     4     18     5     5     5     5     15       23     5     5     4     5     21     16     5     5     4     5     19     4     4     5     15       23     5     5     4     5     21     16     5     5     4     5     19     4     5     4     13       24     1     1     1     4     8     4     3     2     1     1     7     5     5     5     5     15       25     3     2     2     1     10     9     3     2     3     3	17	5	5	+	4	23	19	1	5	5	5	19	5	4	5	14
20     4     4     3     5     19     14     5     3     2     2     12     5     4     3     12       21     4     4     4     4     19     15     5     5     4     5     19     4     4     5     13       22     5     5     5     5     4     23     19     5     4     5     4     18     5     5     5     15       23     5     5     4     5     21     16     5     5     4     5     19     4     5     4     13       24     1     1     1     1     4     8     4     3     2     1     1     7     5     5     5     5     15       25     3     2     2     1     10     9     3     2     3     3     11     5     4     4     13       26     1     5     5     5     21     16     5     5     5     5     5     5     5     5     5     5     15       27     3     2     1     5     16     5     5     5     5<	18	5	4	4	2	18	16	4	4	4	4	16	4	4	4	12
21     4     4     4     4     19     15     5     5     4     5     19     4     4     5     13       22     5     5     5     5     4     23     19     5     4     5     4     18     5     5     5     5     15       23     5     5     4     5     21     16     5     5     4     5     19     4     5     4     13       24     1     1     1     1     4     8     4     3     2     1     1     7     5     5     5     5     15       25     3     2     2     1     10     9     3     2     3     3     11     5     4     4     13       26     1     5     5     5     5     5     5     5     5     5     5     5     5     15       27     3     2     1     5     15     10     5     3     3     3     14     5     4     5     14	19	1	1	3	4	14	10	5	5	3	4	17	5	5	5	15
22     5     5     5     4     23     19     5     4     5     4     18     5     5     5     5     15       23     5     5     4     5     21     16     5     5     4     5     19     4     5     4     13       24     1     1     1     1     4     8     4     3     2     1     1     7     5     5     5     15       25     3     2     2     1     10     9     3     2     3     3     11     5     4     4     13       26     1     5     5     5     5     5     5     5     5     5     5     15       27     3     2     1     5     15     10     5     3     3     3     14     5     4     5     14	20	4	4	3	5	19	14	5	3	2	2	12	5	4	3	12
23 5 5 4 5 21 16 5 5 4 5 19 4 5 4 13 24 1 1 1 1 4 8 4 3 2 1 1 7 5 5 5 15 25 3 2 2 1 10 9 3 2 3 3 11 5 4 4 13 26 1 5 5 5 5 21 16 5 5 5 5 20 5 5 5 15 27 3 2 1 5 15 10 5 3 3 3 14 5 4 5 14	21	4	4	4	4	19	15	5	5	4	5	19	4	4	5	13
24     1     1     1     4     8     4     3     2     1     1     7     5     5     5     15       25     3     2     2     1     10     9     3     2     3     3     11     5     4     4     13       26     1     5     5     5     5     5     5     5     5     5     5     5     15       27     3     2     1     5     15     10     5     3     3     3     14     5     4     5     14	22	5	5	5	4	23	19	5	4	5	4	18	5	5	5	15
25 3 2 2 1 10 9 3 2 3 3 11 5 4 4 13 26 1 5 5 5 5 21 16 5 5 5 5 20 5 5 5 15 27 3 2 1 5 15 10 5 3 3 3 14 5 4 5 14	23	5	5	4	5	21	16	5	5	4	5	19	1	5	4	13
25 3 2 2 1 10 9 3 2 3 3 11 5 4 4 13 26 1 5 5 5 21 16 5 5 5 5 20 5 5 5 15 27 3 2 1 5 15 10 5 3 3 3 14 5 4 5 14	24	1	1	1	4	8	4	3	2	1	1	7	5	5	5	15
27 3 2 1 5 15 10 5 3 3 3 14 5 4 5 14	25	3	2	2	1	10	9	3	2	3	3	11	5	4	4	13
	26	1	5	5	5	21	16	5	5	5	5	20	5	5	5	15
	27	3	2	1	5	15	10	5	3	3	3	14	5	4	5	14
	28	5	3	5	3	20	17	5	5	5	5	20	5	5	5	15

	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210
	C)23	<b>C755</b>	C755	C755	C756	C756	C756	C756	C756	C757	C757	C/57	C757	TOT	RTOT
	B2	Blo	B8	CLW	A2	A9	A7	A12	CLSN	B3	B5	B12	CSPT	C/S	C75
1	5	5	5	15	5	5	5	5	20	4	5	3	12	148	138
2	3	3	-1	10	3	4	4	4	15	4	5	1	10	106	99
3					2	3	3	2	10	1	1	1	3		
4	5	5	5	15	7	5	4	4	17	5	5	3	13	142	132
5	3	5	4	12	5	- 4	4	3	16	2	2	1	5	114	108
6	5	5	5	15	5	5	5	5	20	5	4	4	13	133	125
7	4	4	5	13	4	5	4	5	18	5	5	3	13	134	124
8	5	5	5	15	2	5	1	5	13	5	5	5	15	139	133
9	3	4	3	10	3	2	4	4	13	4	4	2	10	106	99
10	•				4	5	4	5	18	5	5	4	14		
11	4	4	4	12	5	4	4	2	15	1	4	1	6	121	116
12	4	4	4	12	4	4	4	-4	16	4	4	4	12	131	122
13	2	2	4	8	4	4	4	4	16	5	5	2	12	107	99
14	<u> </u>				5	5	5	5	20	1	2	1	4	Ŀ	
15	5	5	5	15	7	4	4	5	17	3	4	2	9	121	115
16	5	5	5	15	5	5	5	5	20	1	1	1	3	130	121
17	4	5	3	12	4	5	5	5	19	2	4	2	- 8	136	131
18	4	3	4	11	4	3	2	4	13	3	4	2	9	111	106
19	5	4	5	14	4	4	4	5	17	5	5	3	13	126	117
20	3	3	3	9	3	2	3	3	11	3	4	1	8	103	93
21	4	3	5	12	4	3	3	5	15	5	5	3	13	133	124
22	3	3	5	11	4	4	4	4	16	3	4	2	9_	129	122
23	5	5	5	15	4	3	4	5	16	5	5	3	13	140	130
24	4	1	4	12	4	3	4	3	14	2	4	1	7	89	84
25	2	4	5	11	3	1	2	3	9	1	1	1	3	80	75
26	5	5	5	15	5	5	5	5	20	5	5	5	15	147	137
27	5	5	5	15	2	5	2	4	13	1	3	1	5	109	99
28	L.	<u> </u>	<u> </u>	<u> </u>	4	3	4	5	16	1	1	5	7	·	

Appendix N

Statistical Calculations

# 7 SECRETS FOR CHILDREN COMMITMENT ALPHA RELIABILITY (ORIGINAL 4 ITEMS)

		Mean	Std Dev	Cases
1.	C7S1A4	3.5714	1.2599	28.0
2.	C7S1A10	3.8214	1.3068	28.0
3.	C7S1A15	3.7857	1.1974	28.0
4.	C7S1A18	3.9643	1.3739	28.0

#### Item-total Statistics

	Scale Mean	Scale Variance	Corrected Item-	Alpha
	if Item	if Item	Total	If Item
	Deleted	Deleted	Correlation	Deleted
C7S1A4	11.5714	6.6243	.4096	.3612
C7S1A10	11.3214	7.0410	.3056	.4543
C7S1A15	11.3571	6.6825	.4444	.3367
C7S1A18	11.1786	8.0040	.1256	.6138

Reliability Coefficients

N of Cases = 28.0 N of Items = 4

Alpha = .5216

# 7 SECRETS FOR CHILDREN COMMITMENT ALPHA RELIABILITY (REVISED 3 ITEMS)

		Mean	Std Dev	Case
1.	C7S1A4	3.5714	1.2599	28.0
2.	C7S1A10	3.8214	1.3068	28.0
3.	C7S1A15	3.7857	1.1974	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	ltem-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
C751A4	7.6071	4.3214	.4000	.5461
C7S1A10	7.3571	4.1640	.3998	.5489
C7S1A15	7.3929	4.2474	.4706	.4485

Reliability Coefficients

N of Cases = 28.0 N of Items = 3

#### 99

# 7 SECRETS FOR CHILDREN CONSISTENCY RELIABILITY (ORIGINAL 5 ITEMS)

		mean	Sta Dev	Cases
1.	C7S3A11	3.5714	1.1996	28.0
2.	C7S3A17	4.0000	.9813	28.0
3.	C7S3A3	3.3929	1.2573	28.0
4.	C7S3A5	3.4643	1.4268	28.0
5.	C7S3A8	3.4643	1.4006	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
C7S3A11	14.3214	9.4114	.6225	.4067
C7S3A17	13.89291	4.0992	.0503	.6697
C753A3	14.50001	1.3704	.2927	.5829
C7S3A5	14.4286	7.9577	.6757	.3373
C753A8	14.42861	1.4392	.2145	.6318

Reliability Coefficients

N of Cases = 28.0

Alpha = .6036

N of Items = 5

# 7 SECRETS FOR CHILDREN CONSISTENCY RELIABILITY (REVISED 4 ITEMS)

		Mean	Std Dev	Cases
1.	C7S3A11	3.5714	1.1996	28.0
2.	C7S3A3	3.3929	1.2573	28.0
3.	C7S3A5	3.4643	1.4268	28.0
4.	C753A8	3.4643	1.4006	28.0

#### Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Alpha if Item Deleted
C7\$3A11	10.3214	8.0780	.6719	.4642
C7S3A3	10.5000	10.3333	.2703	.7108
C7S3A5	10.4286	7.1429	.6452	.4539
C7S3A8	10.4286	9.6614	.2844	.7151

Reliability Coefficients

N of Cases = 28.0

N of Items = 4

		Mean	Std Dev	Cases
1.	C7S2A1	4.1071	1.1001	28.00
2.	C7S2A13	4.0714	1.1841	28.00
3.	C7S2A14	4.1071	1.0659	28.00
4.	C7S2A16	3.9643	1.1701	28.00
5.	C7S2A6	4.3571	1.0616	28.00

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
C7S2A1	16.5000	11. <del>4444</del>	.4428	.7468
C7S2A13	16.5357	10.3320	.5540	.7084
C7S2A14	16.50001	1.0741	.5273	.7183
C7S2A16	16.6429	9.8677	.6413	.6745
C7S2A6	16.25001	1.3796	.4809	.7337

Reliability Coefficients N of Cases = 28.0

Alpha = .7606

N of Items = 5

### 7 SECRETS SURVEY FOR CHILDREN ACTIVE LISTENING RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	C7S6A12	4.2143	.9567	28.0
2.	C7S6A2	3.8929	.9165	28.0
3.	C7S6A7	3.7857	1.0313	28.0
4.	C756A9	3.9286	1.1198	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
C7S6A12	11.6071	6.2474	.4547	.7419
C7S6A2	11.9286	5.8466	.5 <del>98</del> 1	.6706
C7S6A7	12.0357	5.2950	.6277	.6475
C7S6A9	11.8929	5.3585	.5256	.7109

Reliability Coefficients
N of Cases = 28.0 N of Items = 4

#### 7 SECRETS FOR CHILDREN LOVE WIFE RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	C7S5B2	4.0417	.9991	24.0
2.	C7S5B8	4.4583	.7211	24.0
3,	C7S5B10	4.1667	.9168	24.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
C7S5B2	8.6250	1.8098	.7561	.4965
C7S5B8	8.2083	3.1286	.4673	.8246
C7S5B10	8.5000	2.2609	.6308	.6571

Reliability Coefficients

N of Cases = 24.0

Alpha = .7691

N of Items = 3

#### 7 SECRETS FOR CHILDREN PROTECT RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	C7S4AB1	4.5357	.6372	28.0
2.	C7S4AB11	4.0000	1.1222	28.0
3.	C7S4AB4	4.1786	.9449	28.0
4.	C7S4AB7	4.0714	1.0516	28.0

#### Item-total Statistics

HEHI-IOMI SMUSUCS				
	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
C7S4AB1	12.2500	8.1204	.4334	.8982
C7S4AB11	12.7857	4.8413	.8100	.7549
C7S4AB4	12.6071	5.8029	.7479	.7837
C7S4AB7	12.7143	5.1005	.8199	.7477

Reliability Coefficients

N of Cases = 28.0 Alpha = .8497

N of Items = 4

### 7 SECRETS FOR CHILDREN PROVIDE RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	C7S4BB13	4.7500	.5182	28.0
2.	C7S4BB6	4.6429	.5587	28.0
3.	C7S4BB9	4.7857	.4987	28.0

#### Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Alpha if Item Deleted
C7S4BB13	9.4286	.8466	.4661	.6750
C7S4BB6	9.5357	.7024	.5819	.5273
C7S4BB9	9.3929	.8399	.5152	.6173

Reliability Coefficients

N of Cases = 28.0 N

Alpha = .7023

N of Items = 3

# 7 SECRETS SURVEY FOR CHILDREN SPIRITUAL INPUT RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	C7S7B12	2.3929	1.3700	28.0
2.	C7S7B3	3.2500	1.6471	28.0
3.	C7S7B5	3.7857	1.4235	28.0

#### Item-total Statistics

IICIII-fotti ommonica				
	Scale	Scale	Corrected	
	Mean	Variance	item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
C7S7B12	7.0357	8.7024	.5279	.9108
C7S7B3	6.1786	5.4114	.8772	.5573
C7S7B5	5.6429	7.3492	.7088	.7509

Reliability Coefficients

N of Cases = 28.0

N of Items = 3

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# 7 SECRETS SURVEY FOR CHILDREN TOTAL RELIABILITY ALPHA (ORIGINAL ITEMS)

		Mean	Std Dev	Cases
1.	C7S1A4	3.5833	1.2129	24.0
2.	C7S1A10	3.7917	1.3181	24.0
3.	C7S1A15	3. <b>7500</b>	1.2597	24.0
4.	C7S1A18	3.7917	1.4136	24.0
5.	C7S2A1	4.0417	1.1221	24.0
6.	C7S2A6	4.2500	1.1132	24.0
7.	C7S2A13	4.0833	1.1765	24.0
8.	C7S2A14	4.1250	1.0347	24.0
9.	C7S2A16	4.0000	1.2158	24.0
10.	C7S3A3	3.3333	1.3077	24.0
11.	C7S3A5	3.5000	1.4744	24.0
12.	C7S3A8	3.5000	1.3831	24.0
13.	C7S3A11	3.5833	1.2129	24.0
14.	C7S3A17	4.0000	.9780	24.0
15.	C7S4AB1	4.4583	.6580	24.0
16.	C7S4AB4	4.1667	.9631	24.0
17.	C7S4AB7	4.0417	1.0826	24.0
18.	C7S4AB11	4.0000	1.1034	24.0
19.	C7S4BB6	4.5833	.5836	24.0
20.	C7S4BB9	4.7500	.5316	24.0
21.	C7S4BB13	4.7083	.5500	24.0
22.	C7S5B2	4.0417	.9991	24.0
23.	C7S5B8	4.4583	.7211	24.0
24.	C7S5B10	4.1667	.9168	24.0
25.	C7S6A2	3.9167	.8805	24.0
26.	C7S6A7	3.7500	1.0734	24.0
27.	C756A9	3.9167	1.1389	24.0
28.	C7S6A12	4.2083	.8836	24.0
29.	C7S7B3	3.4583	1.5317	24.0
30.	C7S7B5	4.0417	1.1971	24.0
31.	C7S7B12	2.3333	1.2740	24.0

# 7 SECRETS SURVEY FOR CHILDREN TOTAL RELIABILITY ALPHA (ORIGINAL ITEMS)

#### ITEM-TOTAL STATISTICS

II LIM-IOINE SINIISIICS				
	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
C7S1A4	118.7500	296.8043	.5712	.9075
C7S1A10	118.5417	310.1721	.2205	.9139
C7S1A15	118.5833	304.7754	.3588	.9113
C7S1A18	118.5417	307.5634	.2538	.9138
C7S2A1	118.2917	300.8243	.5154	.9085
C7S2A6	118.0833	293.1232	.7289	.9051
C7S2A13	118.2500	303.0652	.4320	.9099
C7S2A14	118.2083	313.7373	.2002	.9131
C7S2A16	118.3333	293.5362	.6512	.9062
C7S3A3	119.0000	300.0870	.4491	.9098
C7S3A5	118.8333	288.9275	.6 <b>19</b> 3	.9066
C7S3A8	118.8333	310.3188	.2034	.9145
C7S3A11	118.7500	290.5435	.7287	.9048
C7S3A17	118.3333	305.1014	.4708	.9093
C7S4AB1	117.8750	308.1141	.5886	.9087
C7S4AB4	118.1667	296.8406	.7345	.9057
C7S4AB7	118.2917	293.519 <del>9</del>	.7400	.9051
C7S4AB11	118.3333	295.6232	.6669	.9061
C7S4BB6	117.7500	311.5000	.5002	.9098
C7S4BB9	117.5833	319.8188	.1075	.9128
C7S4BB13	117.6250	313.2011	.4439	.9103
C7S5B2	118.2917	298.6504	.6515	.9067
C7S5B8	117.8750	312.1141	.3733	.9106
C7S5B10	118.1667	307.7971	.4199	.9100
C7S6A2	118.4167	310.1667	.3612	.9107
C7S6A7	118.5833	308.0797	.3427	.9111
C7S6A9	118.4167	294.6014	.6713	.9060
C7S6A12	118.1250	301.3315	.6530	.9071
C7S7B3	118.8750	295.9402	.4527	.9102
C7S7B5	118.2917	303.3460	.4165	.9102
C7S7B12	120.0000	290.8696	.6823	.9055

Reliability Coefficients N of Cases = 24.0 Alpha = .9118

N of Items = 31

# 7 SECRETS SURVEY FOR CHILDREN TOTAL RELIABILITY ALPHA (REVISED ITEMS)

		Mean	Std Dev	Cases
1.	C7S1A4	3.5833	1.2129	24.0
2.	C7S1A10	3.7917	1.3181	24.0
3.	C7S1A15	3.7500	1.2597	24.0
4.	C7S2A1	4.0417	1.1221	24.0
5.	C7S2A6	4.2500	1.1132	24.0
6.	C7S2A13	4.0833	1.1765	24.0
7.	C7S2A14	4.1250	1.0347	24.0
8.	C7S2A16	4.0000	1.2158	24.0
9.	C7S3A3	3.3333	1.3077	24.0
10.	C7S3A5	3.5000	1.4744	24.0
11.	C7S3A8	3.5000	1.3831	24.0
12.	C7S3A11	3.5833	1.2129	24.0
13.	C7S4AB1	4.4583	.6580	24.0
14.	C754AB4	4.1667	.9631	24.0
15.	C7S4AB7	4.0417	1.0826	24.0
16.	C7S4AB11	4.0000	1.1034	24.0
17.	C7S4BB6	4.5833	.5836	24.0
18.	C7S4BB9	4.7500	.5316	24.0
19.	C7S4BB13	4.7083	.5500	24.0
20.	C7S5B2	4.0417	. <del>999</del> 1	24.0
21.	C7S5B8	4.4583	.7211	24.0
22.	C7S5B10	4.1667	.9168	24.0
23.	C7S6A2	3.9167	.8805	24.0
24.	C7S6A7	3.7500	1.0734	24.0
25.	C7S6A9	3.9167	1.1389	24.0
26.	C7S6A12	4.2083	.8836	24.0
27.	C7S7B3	3.4583	1.5317	24.0
28.	C7S7B5	4.0417	1.1971	24.0
29.	C7S7B12	2.3333	1.2740	24.0

# 7 SECRETS SURVEY FOR CHILDREN TOTAL RELIABILITY ALPHA (REVISED ITEMS)

#### ITEM-TOTAL STATISTICS

HEM-TOTAL ST	REM-TOTAL STATISTICS					
	Scale	Scale	Corrected			
	Mean	Variance	Item-	Alpha		
	if Item	if Item	Total	if Item		
	Deleted	Deleted	Correlation	Deleted		
C7S1A4	110.9583	267.6938	.5600	.9074		
C7S1A10	110.7500	280.0217	.2183	.9141		
C7S1A15	110. <i>7</i> 917	275.2156	.3490	.9114		
C7S2A1	110.5000	271.3043	. <b>509</b> 3	.9083		
C7S2A6	110.2917	263.4330	.7394	.9044		
C7S2A13	110.4583	273.8243	.4156	.9100		
C7S2A14	110.4167	282.6014	.2218	.9128		
C7S2A16	110.5417	262.7808	.6883	.9050		
C7S3A3	111.2083	269.9982	.4580	.9094		
C7S3A5	111.0417	259.7808	.6193	.9062		
C7S3A8	111.0417	279.6069	.2134	.9146		
C7S3A11	110.9583	260.3895	.7544	.9038		
C7S4AB1	110.0833	278.7754	.5544	.9087		
C7S4AB4	110.3750	267.0272	.7445	.9050		
C7S4AB7	110.5000	263.3043	.7660	.9041		
C7S4AB11	110.5417	265.2156	.6944	.9052		
C754BB6	109.9583	281.1721	.5047	.9094		
C7S4BB9	109.7917	289.0417	.1143	.9127		
C7S4BB13	109.8333	282.4058	.4696	.9099		
C7S5B2	110.5000	269.4783	.6376	.9064		
C7S5B8	110.0833	282.4275	.3483	.9107		
C7S5B10	110.3750	277.5489	.4256	.9096		
C7S6A2	110.6250	279.6359	.3728	.9103		
C7S6A7	110.7917	278.3460	.3320	.9112		
C7S6A9	110.6250	265.2011	.6710	.9055		
C7S6A12	110.3333	272.1449	.6333	.9069		
C7S7B3	111.0833	268.0797	.4180	.9110		
C7S7B5	110.5000	274.0870	.4004	.9103		
C7S7B12	112.2083	261.9112	.6755	.9051		

Reliability Coefficients

N of Cases = 24.0

N of Items = 29

# CHILDREN'S EMOTIONAL STABILITY FACTOR RELIABILITY ALPHA (ORIGINAL 24 ITEMS)

\		,		
		Mean	Std Dev	Cases
1.	CES1	2.8214	1.0203	28.0
2.	CES2	3.0714	1.1524	28.0
3.	CES3	2.8571	1.0440	28.0
4.	CES4	2.0357	1.2013	28.0
5.	CES5	2.5357	1.2013	28.0
6.	CES6	1.5000	.7454	28.0
7.	CES7	3.2500	1.2057	28.0
8.	CES8	2.6429	.9512	28.0
9.	CES9	3.0357	1.2905	28.0
10.	CES10	3.8571	1.2084	28.0
11.	CES11	3.1429	1.2084	28.0
12.	CES12	2.9643	1.2615	28.0
13.	CES13	3.4286	1.4764	28.0
14.	CES14	2.3214	1.2781	28.0
15.	CES15	2.7857	1.1661	28.0
16.	CES16	3.0357	1.3189	28.0
17.	CES17	3.3571	1.2828	28.0
18.	CES18	2.7857	1.4235	28.0
19.	CES19	4.3214	1.1564	28.0
20.	CES20	3.4286	1.1362	28.0
21.	CES21	3.5714	1.1362	28.0
22.	CES22	3.2857	1.1174	28.0
23.	CES23	3.5000	1.2910	28.0
24.	CES24	3.8571	.8909	28.0

# CHILDREN'S EMOTIONAL STABILITY FACTOR RELIABILITY ALPHA (ORIGINAL 24 ITEMS)

#### ITEM-TOTAL STATISTICS

TILM TOTAL	Jimione		_	
	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
CES1	70.5714	69.2169	.4837	.5529
CES2	70.3214	70.2262	.3580	.5643
CES3	70.5357	77.0728	.0167	.6038
CES4	71.3571	79.2011	1017	.6203
CES5	70.8571	74.0529	.1438	.5908
CES6	71.8929	76.2474	.1280	.5917
CES7	70.1429	71.9048	.2500	.5773
CES8	70.7500	76.2685	.0780	.5 <del>966</del>
CES9	70.3571	72.5344	.1942	.5845
CES10	69.5357	74.7024	.1104	.5950
CES11	70.2500	68.7870	.4102	.5562
CES12	70.4286	70.6243	.2950	.5709
CES13	69.9643	78.0357	0669	.6239
CES14	71.0714	72.9577	.1776	.5867
CES15	70.6071	74.0251	.1537	.5894
CES16	70.3571	67.4233	.4297	.5507
CES17	70.0357	66.1098	.5136	.5393
CES18	70.6071	74.3214	.0864	.6006
CES19	69.0714	76.6614	.0233	.6048
CES20	69.9643	75.1468	.1031	.5953
CES21	69.8214	72.6706	2327	.5799
CES22	70.1071	71.5066	.3024	.5717
CES23	69.8929	76.76 <del>59</del>	.0016	.6099
CES24	69.5357	73.5172	.2722	.5782

Reliability Coefficients

N of Cases = 28.0 Alpha = .5960 N of Items = 24

# CHILDREN'S EMOTIONAL STABILITY FACTOR RELIABILITY ALPHA (FIRST REVISION 19 ITEMS)

	Mean	Std Dev	Cases
1. CES1	2.8214	1.0203	28.0
2. CES2	3.0714	1.1524	28.0
3. CES5	2.5357	1.2013	28.0
4. CES6	1.5000	.7454	28.0
5. CES7	3.2500	1.2057	28.0
6. CES8	2.6429	.9512	28.0
7. CES9	3.0357	1.2905	28.0
8. CES10	3.8571	1.2084	28.0
9. CES11	3.1429	1.2084	28.0
10. CES12	2.9643	1.2615	28.0
11. CES14	2.3214	1.2781	28.0
12. CES15	2.7857	1.1661	28.0
13. CES16	3.0357	1.3189	28.0
14. CES17	3.3571	1.2828	28.0
15. CES18	2.7857	1.4235	28.0
16. CES20	3.4286	1.1362	28.0
17. CES21	3.5714	1.1362	28.0
18. CES22	3.2857	1.1174	28.0
19. CES24	3.8571	.8909	28.0

# CHILDREN'S EMOTIONAL STABILITY FACTOR RELIABILITY ALPHA (FIRST REVISION 19 ITEMS)

#### ITEM-TOTAL STATISTICS

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
CES1	54.4286	62.4021	.4510	.6365
CES2	54.1786	62.8929	.3552	.6446
CES5	54.7143	66.4339	.1448	.6685
CES6	55.7500	68.1944	.1595	.6648
CES7	54.0000	64.2963	.2567	.6557
CES8	54.6071	67.2844	.1617	.6650
CES9	54.2143	63.1376	.2882	.6519
CES10	53.3929	66.5437	.1374	.6694
CES11	54.1071	59.9511	.4971	.6266
CES12	54.2857	62.3598	.3394	.6455
CES14	54.9286	67.0317	.0978	.6750
CES15	54.4 <del>64</del> 3	68.4061	.0491	.6785
CES16	54.2143	59.5079	.4652	.6284
CES17	53.8929	60.0992	.4509	.6309
CES18	54.4643	65.7394	.1277	.6738
CES20	53.8214	66.6706	.1483	.6675
CES21	53.6786	66.4484	.1605	.6662
CES22	53.9643	64.3320	.2863	.6526
CES24	53.3929	66.3214	.2480	.6575

Reliability Coefficients
N of Cases = 28.0

N of Items = 19

# CHILDREN'S EMOTIONAL STABILITY FACTOR RELIABILITY ALPHA (SECOND REVISION 16 ITEMS)

		Mean	Std Dev	Case
1.	CES1	2.8214	1.0203	28.0
2.	CES2	3.0714	1.1524	28.0
3.	CES5	2.5357	1.2013	28.0
4.	CES6	1.5000	.7454	28.0
5.	CES7	3.2500	1.2057	28.0
6.	CES8	2.6429	.9512	28.0
7.	CES9	3.0357	1.2905	28.0
8.	CES11	3.1429	1.2084	28.0
9.	CES12	2.9643	1.2615	28.0
10	. CES16	3.0357	1.3189	28.0
11	. CES17	3.3571	1.2828	28.0
12	. CES18	2.7857	1.4235	28.0
13	. CES20	3.4286	1.1362	28.0
14	. CES21	3.5714	1.1362	28.0
15	. CES22	3.2857	1.1174	28.0
16	. CES24	3.8571	.8909	28.0

#### Item-Total Statistics:

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
CES1	45.4643	53.6653	.4476	.6634
CESF2	45.2143	55.5079	.2656	.6825
CESF5	45.7500	56.4907	.1918	.6914
CESF6	46.7857	59.5079	.1159	.6947
CESF7	45.0357	56.3320	.1995	.6906
CESF8	45.6429	56.9788	.2447	.6846
CESF9	45.2500	53.3056	.3410	.6732
CESF11	45.1429	50.7937	.5308	.6492
CESF12	45.3214	53.2632	.3553	.6714
CESF16	45.2500	51.6019	.4251	.6616
CESF17	44.9286	52.2910	.4021	.6650
CESF18	45.5000	56.2593	.1457	.7010
CESF20	44.8571	57.08 <del>99</del>	.1756	.6926
CESF21	44.7143	57.5450	.1486	.6956
CESF22	45.0000	53.7037	.3935	.6678
CESF24	44.4286	56.6984	.2910	.6805

Reliability Coefficients

N of Cases = 28.0 Alpha = .6935

N of Items = 16

# CHILDREN'S EMOTIONAL STABILITY FACTOR RELIABILITY ALPHA (SECOND REVISION 16 ITEMS)

	Mean	Std Dev	Cases
1. CES1	2.8214	1.0203	28.0
2. CES2	3.0714	1.1524	28.0
3. CES5	2.5357	1.2013	28.0
4. CES6	1.5000	.7454	28.0
5. CES7	3.2500	1.2057	28.0
6. CES8	2.6429	.9512	28.0
7. CES9	3.0357	1.2905	28.0
8. CES11	3.1429	1.2084	28.0
9. CES12	2.9643	1.2615	28.0
10. CES16	3.0357	1.3189	28.0
11. CES17	3.3571	1.2828	28.0
12. CES20	3.4286	1.1362	28.0
13. CES21	3.5714	1.1362	28.0
14. CES22	3.2857	1.1174	28.0
15. CES24	3.8571	.8909	28.0

### Item-Total Statistics:

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
CES1	42.6786	48.0780	.5046	.6645
CES2	42.4286	50.6243	.2626	.6914
CES5	42.9643	50.2579	.2676	.6910
CES6	44.0000	54.1481	.1418	.7011
CES7	42.2500	51.2315	.2071	.6986
CES8	42.8571	51.8307	.2573	.6915
CES9	42.4643	50.2579	.2370	.6958
CES11	42.3571	45.1270	.5957	.6476
CES12	42.5357	49.0728	.3166	.6850
CES16	<b>42.4643</b>	47.3690	.3939	.6742
CES17	42.1429	47.2381	.4183	.6710
CES20	42.0714	52.1429	.1722	.7018
CES21	41.9286	52.2169	.1675	.7024
CES22	42.2143	49.1376	.3749	.6780
CES24	41.6429	52.0899	.2625	.6912

Reliability Coefficients N of Cases = 28.0

N of Items = 15

#### 7 SECRETS SURVEY FOR FATHERS COMMITMENT RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	F7S1A4	4.1786	.9449	28.0
2.	F7S1A10	4.2857	1.1174	28.0
3.	F7S1A15	3.7857	1.1661	28.0
4.	F7S1A18	4.5357	.5762	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S1A4	12.6071	6.3214	.7166	.8023
F7S1A10	12.5000	5.0000	.8745	.7246
F7S1A15	13.0000	4.8889	.8475	.7411
F7S1A18	12.2500	8.8611	.4157	.9073

Reliability Coefficients

N of Cases = 28.0

Alpha = .8520

N of Items = 4

#### 7 SECRETS SURVEY FOR FATHERS KNOW RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	F7S2A1	4.0357	.8812	28.0
2.	F7S2A13	4.3571	.6215	28.0
3.	F7S2A14	4.2500	.7993	28.0
4.	F7S2A16	3.9286	.8997	28.0
5.	F7S2A6	3.9643	.7927	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S2A1	16.5000	7.0000	.6752	.8642
F7S2A13	16.1786	8.6706	.5103	.8946
F7S2A14	16.2857	6.8042	.8349	.8237
F7S2A16	16.6071	6.6177	.7555	.8438
F7S2A6	16.5714	6.9206	.8094	.8303

Reliability Coefficients
N of Cases = 28.0 N of Items = 5

		Mean	Std Dev	Cases
1.	F7S3A11	4.2143	.7868	28.0
2.	F7S3A17	4.0714	.9400	28.0
3.	F7S3A3	4.0000	1.0541	28.0
4.	F753A5	3.8929	1.0659	28.0
5.	F7S3A8	4.1786	.8189	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S3A11	16.1429	7.0159	.7134	.6109
F7S3A17	16.2857	7.1005	.5239	.6692
F7S3A3	16.3571	6.5344	.5498	.6580
F7S3A5	16.4643	7.7394	.2922	.7675
F7S3A8	16.1786	7.8558	.4535	.6969

Reliability Coefficients

N of Cases = 28.0

N of Items = 5

Alpha = .7291

#### 7 SECRETS SURVEY FOR FATHERS PROTECT RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	F7S4AB1	4.2500	.7 <del>99</del> 3	28.0
2.	F7S4AB11	4.2857	.8100	28.0
3.	F7S4AB4	4.1071	.7860	28.0
4.	F7S4AB7	3.8929	.8751	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S4AB1	12.2857	5.0265	.7854	.8913
F7S4AB11	12.2500	4.7130	.8846	.8563
F7S4AB4	12.4286	5.2910	.7112	.9158
F7S4AB7	12.6429	4.6085	.8266	.8774

Reliability Coefficients
N of Cases = 28.0 N of Items = 4

#### 7 SECRETS SURVEY FOR FATHERS PROVIDE RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	F7S4BB13	.4643	.6372	28.0
2.	F7S4BB6	4.2857	1.0131	28.0
3.	F7S4BB9	4.6429	.6785	28.0

Item-total Statistics				
	Scale	Scale	Corrected	
	Mean	Variance	ltem-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S4BB13	8.9286	2.5132	.8039	.8168
F7S4BB6	9.1071	1.4325	.85 <del>96</del>	.7904
F7S4BB9	8.7500	2.4907	.7437	.8497

Reliability Coefficients

No of Cases = 28.0 N of Items = 3

Alpha = .8751

# 7 SECRETS FOR FATHERS LOVE MY WIFE RELIABILITY ALPHA (ORIGINAL 3 ITEMS)

		Mean	Std Dev	Cases
1.	F7S5B10	3.0417	.9991	24.0
2.	F7S5B2	3.5417	.9771	24.0
3.	F7S5B8	4.2917	.9079	24.0

#### **Item-total Statistics**

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S5B10	7.8333	2.8406	.1850	.7474
F7S5B2	7.3333	2.4058	.3634	.4849
F7S5B8	6.5833	1.9928	.6417	.0400

Reliability Coefficients

N of Items = 3N of Cases = 24.0

# 7 SECRETS FOR FATHERS LOVE MY WIFE RELIABILITY ALPHA (REVISED 2 ITEMS)

		Mean	Std Dev	Cases
1.	F7S5B2	3.5417	.9771	24.0
2.	F7S5B8	4.2917	.9079	24.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S5B2	4.2917	.8243	.5984	
F7S5B8	3.5417	.9547	.5984	-

Reliability Coefficients

N of Cases = 24.0

N of Items = 2

Alpha = .7474

#### 7 SECRETS SURVEY FOR FATHERS ACTIVE LISTENING RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	F7S6A12	4.5000	.6383	28.0
2.	F7S6A2	4.2143	.8325	28.0
3.	F756A7	4.1071	.9165	28.0
4.	F7S6A9	4.0714	.8576	28.0

### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S6A12	12.3929	5.1362	.7297	.8375
F7S6A2	12.6786	4.5966	.6625	.8529
F7S6A7	12.7857	3.8783	.8135	.7899
F7S6A9	12.8214	4.3743	.7094	.8346

Reliability Coefficients

N of Cases = 28.0

N of Items = 4

#### 7 SECRETS SURVEY FOR FATHERS SPIRITUAL INPUT RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	F7S7B12	2.2857	1.0838	28.0
2.	F7S7B3	2.6429	1.2237	28.0
3.	F7S7B5	3.4643	1.2013	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S7B12	6.1071	5.0622	.7920	.8383
F7S7B3	5.7500	4.2685	.8570	.7735
F7S7B5	4.9286	4.8836	.7105	.9057

Reliability Coefficients
N of Cases = 28.0

N of Items = 3

# 7 SECRETS SURVEY FOR FATHERS TOTAL RELIABILITY ALPHA (ORIGINAL 31 ITEMS)

		Mean	Std Dev	Cases
1.	F7S1A4	4.1667	.8681	24.0
2.	F7S1A10	4.2917	1.0826	24.0
3.	F7S1A15	3.7500	1.1516	24.0
4.	F7S1A18	4.4583	.5882	24.0
5.	F7S2A1	3.8750	.8502	24.0
6.	F7S2A6	3.8333	.7614	24.0
<b>7</b> .	F7S2A13	4.2917	.6241	24.0
8.	F752A14	4.1250	.7974	24.0
9.	F7S2A16	3.7917	.8836	24.0
10.	F7S3A3	3.8333	1.0495	24.0
11.	F7S3A5	3.7083	1.0417	24.0
12.	F7S3A8	4.1667	.7020	24.0
13.	F7S3A11	4.0833	.7755	24.0
14.	F7S3A17	4.0417	.9546	24.0
15.	F7S4AB1	4.1250	.7974	24.0
16.	F7S4AB4	3.9583	.7506	24.0
17.	F7S4AB7	3.7500	.8470	24.0
18.	F7S4AB11	4.1667	.8165	24.0
19.	F7S4BB6	4.1667	1.0495	24.0
20.	F7S4BB9	4.5833	.7173	24.0
21.	F7S4BB13	4.3750	.6469	24.0
22.	F7S5B2	3.5417	.9771	24.0
23.	F7S5B8	4.2917	.9079	24.0
24.	F7S5B10	3.0417	.9991	24.0
25.	F7S6A2	4.0833	.8297	24.0
26.	F7S6A7	3.9583	.9079	24.0
27.	F7S6A9	3.9167	.8297	24.0
28.	F7S6A12	4.4167	.6539	24.0
29.	F7S7B3	2.7917	1.1413	24.0
30.	F7S7B5	3.5417	1.1788	24.0
31.	F7S7B12	2.3750	1.0135	24.0

# 7 SECRETS SURVEY FOR FATHERS TOTAL RELIABILITY ALPHA (ORIGINAL 31 ITEMS)

# ITEM-TOTAL STATISTICS

TEM-TOTAL STATISTICS				
	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S1A4	117.3333	174.3188	.7081	.8927
F7S1A10	117.2083	168.9547	.7525	.8908
F7S1A15	117.7500	168.1957	.7293	.8911
F7S1A18	117.0417	184.9982	.3725	.8986
F7S2A1	117.6250	173.2011	.7767	.8916
F7S2A6	117.6667	179.7971	.5352	.89 <del>6</del> 0
F7S2A13	117.2083	186.1721	.2785	.8997
F7S2A14	117.3750	176.7663	.6556	.8940
F7S2A16	117.7083	174.7373	.6 <b>75</b> 8	.8932
F7S3A3	117.6667	180.2319	.3538	,8 <del>994</del>
F7S3A5	117.7917	185.3025	.1734	.9030
F7S3A8	117.3333	181.6232	.4856	.8969
F7S3A11	117.4167	176.1667	.7061	.8933
F753A17	117.4583	174.7808	.6186	.8940
F7S4AB1	117.3750	180.8533	.4576	.8972
F7S4AB4	117.5417	180.4330	.5112	.8964
F754AB7	117.7500	173.3261	.7740	.8917
F7S4AB11	117.3333	178.4928	.5567	.8955
F7S4BB6	117.3333	186.7536	.1202	.9041
F7S4BB9	116.9167	192.5145	0866	.9048
F7S4BB13	117.1250	189.2446	.0922	.9021
F7S5B2	117.9583	192.2156	0689	.9070
F7S5B8	117.2083	178.6938	.4856	.8966
F7S5B10	118.4583	186.9547	.1227	.9037
F7S6A2	117.4167	181.1232	.4251	.8977
F7S6A7	117.5417	176.6938	.5712	.8950
F7S6A9	117.5833	176.4275	.6437	.8940
F7S6A12	117.0833	182.4275	.4784	.8972
F7S7B3	118.7083	177.4330	.4134	.8984
F7S7B5	117.9583	178.1286	.3746	.8994
F7S7B12	119.1250	175.5054	.5501	.8953

Reliability Coefficients
N of Cases = 24.0

Alpha = .9002

N of Items = 31

# 7 SECRETS SURVEY FOR FATHERS TOTAL RELIABILITY ALPHA (REVISED 30 ITEMS)

		Mean	Std Dev	Cases
1.	F7S1A4	4.1667	.8681	24.0
2.	F7S1A10	4.2917	1.0826	24.0
3.	F7S1A15	3.7500	1.1516	24.0
4.	F7S1A18	4.4583	.5882	24.0
5.	F7S2A1	3.8750	.8502	24.0
6.	F7S2A6	3.8333	.7614	24.0
7.	F7S2A13	4.2917	.6241	24.0
8.	F7S2A14	4.1250	.7974	24.0
9.	F7S2A16	3,7917	.8836	24.0
10.	F7S3A3	3.8333	1.0495	24.0
11.	F7S3A5	3.7083	1.0417	24.0
12.	F753A8	4.1667	.7020	24.0
13.	F7S3A11	4.0833	.7755	24.0
14.	F7S3A17	4.0417	.9546	24.0
15.	F7S4AB1	4.1250	.7974	24.0
16.	F7S4AB4	3.9583	.7506	24.0
17.	F7S4AB7	3.7500	.8470	24.0
18.	F7S4AB11	4.1667	.8165	24.0
19.	F7S4BB6	4.1667	1.0495	24.0
20.	F7S4BB9	4.5833	.71 <b>73</b>	24.0
21.	F7S4BB13	4.3750	.646 <del>9</del>	24.0
22.	F7S5B2	3.5417	.9771	24.0
23.	F7S5B8	4.2917	.9079	24.0
24.	F7S6A2	4.0833	.8297	24.0
25.	F7S6A7	3.9583	.9079	24.0
26.	F7S6A9	3.9167	.8297	24.0
27.	F7S6A12	4.4167	.6539	24.0
28.	F7S7B3	2.7917	1.1413	24.0
29.	F7S7B5	3.5417	1.1788	24.0
30.	F7S7B12	2.3750	1.0135	24.0

# 7 SECRETS SURVEY FOR FATHERS TOTAL RELIABILITY ALPHA (REVISED 30 ITEMS)

### ITEM-TOTAL STATISTICS

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
F7S1A4	114.2917	170.8243	.6776	.8969
F7S1A10	114.1667	165.3623	.7334	.8950
F7S1A15	114.7083	164.4764	.7161	.8952
F7S1A18	114.0000	181.0435	.3516	.9024
F7S2A1	114.5833	169.0362	.7778	.8953
F7S2A6	114.6250	175.3750	.5455	.8995
F7S2A13	114.1667	181.8841	.2781	.9033
F7S2A14	114.3333	172.6667	.6515	.8977
F7S2A16	114.6667	170.4928	.67 <del>96</del>	.8968
F7S3A3	114.6250	175.635 <del>9</del>	.3673	9028
F7S3A5	114.7500	181.0652	.1714	.9067
F7S3A8	114.2917	176.8243	.5162	.9001
F7S3A11	114.3750	171.9837	.7064	.8970
F7S3A17	114.4167	170.6884	.6156	.8978
F7S4AB1	114.3333	176.2319	.4764	.9005
F7S4AB4	114.5000	176.6087	.4904	.9004
F7S4AB7	114.7083	168.8243	.7911	.8951
F7S4AB11	114.2917	173.9547	.5726	.8989
F7S4BB6	114.2917	181.9547	.1377	.9074
F7S4BB9	113.8750	187.5924	0586	.9080
F7S4BB13	114.0833	184.7754	.1001	.9055
F7S5B2	114.9167	187.9058	0711	.9107
F7S5B8	114.1667	174.9275	.4665	.9006
F7S6A2	114.3750	176.7663	.4306	.9012
F7S6A7	114.5000	172.3478	.5782	.8986
F7S6A9	114.5417	172.2591	.6431	.8977
F7S6A12	114.0417	177.9547	.4914	.9006
F7S7B3	115.6667	173.2754	.4119	.9022
F7S7B5	114.9167	174.4275	.3577	.9036
F7S7B12	116.0833	171.2101	.5549	.8989

Reliability Coefficients

N of Cases = 24.0 N of Items = 30

# FATHERS EMOTIONAL STABILITY FACTOR RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	FES1	3.5714	1.0690	28.0
2.	FES2	3.3929	1.1655	28.0
3.	FES3	2.8214	1.1564	28.0
4.	FES4	3.5000	.9623	28.0
5.	FES5	3.5357	1.1380	28.0
6.	FES6	3.2857	1.0838	28.0
7.	FES7	4.0714	.9400	28.0
8.	FES8	3.2500	.9280	28.0
9.	FES9	3.4286	1.1362	28.0
10	. FES10	4.1429	1.0079	28.0
11	. FES11	3.6786	.9833	28.0
12	. FES12	3.5714	1.1684	28.0
13	. FES13	4.2857	.7629	28.0
14	. FES14	3.7143	.9372	28.0
15	. FES15	4.1786	.7228	28.0
16	. FES16	3.9286	.8576	28.0
17	. FES17	4.3214	.9833	28.0
18	. FES18	3.4643	1.2317	28.0
19	. FES19	4.5714	.6341	28.0
20	. FES20	4.0714	.8133	28.0
21	. FES21	4.0357	.9222	28.0
22	. FES22	3.2500	1.3229	28.0
23	. FES23	3.8214	1.0905	28.0
24	. FES24	4.0000	.5443	28.0

### FATHERS EMOTIONAL STABILITY FACTOR RELIABILITY ALPHA

### ITEM-TOTAL STATISTICS

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
FES1	86.3214	102.2262	.7636	.8120
FES2	86.5000	107.8889	.4390	.8264
FES3	87.0714	114.8836	.1475	.8395
FES4	86.3929	108.9140	.4997	.8243
FES5	86.3571	116.8307	.0712	.8426
FES6	86.6071	108.4696	.4533	.8258
FES7	85.8214	120.8188	0883	.8457
FES8	86.6429	111.1270	.4032	.8281
FES9	86.4643	109.5172	.3813	.8290
FES10	85.75 <b>0</b> 0	107.3796	.5497	.8220
FES11	86.2143	104.1746	.7341	.8146
FES12	86.3214	110.2262	.3377	.8311
FES13	85.6071	109.2103	.6325	.8216
FES14	86.1786	106.2262	.6612	.8182
FES15	85.7143	108.8042	.6996	.8202
FES16	85.9643	111.0728	.4464	.8268
FES17	85.5714	113.8095	.2431	.8342
FES18	86.4286	113.3651	.1904	.8384
FES19	85.3214	111.1892	.6196	.8239
FES20	85.8214	111.6336	.4412	.8272
FES21	85.8571	109.4603	.4957	.8246
FES22	86.6429	111.6455	.2318	.8374
FES23	86.0714	120.3651	0701	.8476
FE524	85.8929	112.0251	.6557	.8245

Reliability Coefficients
N of Cases = 28.0
N of Items = 24

# FRANCIS SCALE OF ATTITUDE TOWARDS CHRISTIANITY RELIABILITY ALPHA

		14	CULD	C
_		Mean	Std Dev	Cases
1.	FSATC1	3.8214	1.2488	28.0
2.	FSATC2	4.7857	.5681	28.0
3.	FSATC3	4.3214	.9833	28.0
4.	FSATC4	4.0000	1.2766	28.0
5.	FSATC5	4.1429	1.0789	28.0
6.	FSATC6	4.7143	.8968	28.0
7.	FSATC7	3.0357	1.2905	28.0
8.	FSATC8	4.7857	.6862	28.0
9.	FSATC9	4.4643	1.1380	28.0
10.	FSATC10	3.8571	1.1774	28.0
11.	FSATC11	4.6071	.9940	28.0
12.	FSATC12	4.7500	.6455	28.0
13.	FSATC13	4.2500	1.1426	28.0
14.	FSATC14	4.4643	.8381	28.0
15.	FSATC15	4.6071	.9165	28.0
16.	FSATC16	4.2500	1.2057	28.0
17.	FSATC17	4.6786	.6696	28.0
18.	FSATC18	4.6429	.8262	28.0
19.	FSATC19	4.6071	.73 <b>7</b> 3	28.0
20.	FSATC20	4.0357	1.4006	28.0
21.	FSATC21	4.4286	.8789	28.0
22.	FSATC22	4.6786	.6696	28.0
23.	FSATC23	4.6429	.6785	28.0
24.	FSATC24	4.2857	1.2724	28.0

# FRANCIS SCALE OF ATTITUDE TOWARDS CHRISTIANITY RELIABILITY ALPHA

ALL PA	T-7	<b>`T 4 1</b>		71101	700
ITEM	I-1C	ЛΑІ	_ D1 P	71121	LCS

TIEM-TOTAL STAT				
	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if ltem	Total	if Item
	Deleted	Deleted	Correlation	Deleted
FSATC1	101.0357	258.4061	.6221	.9550
FSATC2	100.0714	270.1429	. <i>7</i> 752	.9542
FSATC3	100.5357	261.9616	. <del>69</del> 16	.9539
FSATC4	100.8571	258.2011	.6121	.9553
FSATC5	100.7143	271.3968	.3483	.9578
FSATC6	100.1429	259.7566	.8434	.9525
FSATC7	101.8214	272.3003	.2577	.9601
FSATC8	100.0714	266.1429	.8186	.9534
FSATC9	100.3929	259.2103	.6669	.9543
FSATC10	101.0000	253.9259	.78 <del>96</del>	.9527
FSATC11	100.2500	255.6759	.8896	.9517
FSATC12	100.1071	265.9511	.8822	.9531
FSATC13	100.6071	254.8399	.7894	.9527
FSATC14	100.3929	264.6177	. <b>7196</b>	.9538
FSATC15	100.2500	258.8611	.8559	.9523
FSATC16	100.6071	259.0622	.6293	.9548
FSATC17	100.1786	265.9299	.8500	.9532
FSATC18	100.2143	264.2487	.7450	.9536
FSATC19	100.2500	267.8981	.6836	.9543
FSATC20	100.8214	254.4484	.6385	.9553
FSATC21	100.4286	261.0688	.8133	.9528
FSATC22	100.1786	266.1521	.8395	.9533
FSATC23	100.2143	265.5820	.8547	.9532
FSATC24	100.5714	256.8466	.6492	.9547

Reliability Coefficients
N of Cases = 28.0 N of Items = 24 Alpha = .9559

#### MEN AND THEIR BELIEFS RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	MB1	3.1786	1.4156	28.0
2.	MB2	3.5000	1.2910	28.0
3.	MB3	3.6786	1.4156	28.0
4.	MB4	3.4643	1.5271	28.0
5.	MB5	3.5357	1.3189	28.0
6.	MB6	3.6786	1.2781	28.0

### Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Alpha if Item Deleted
MB1	17.8571	35.3122	.5227	.9181
MB2	17.5357	33.3690	.7425	.8862
MB3	17.3571	32.0159	.7547	.8839
MB4	17.5714	30.5503	.7836	.8798
MB5	17.5000	32.3333	.8025	.8773
MB6	17.3571	32.2381	.8432	.8721

Reliability Coefficients

N of Cases = 28.0 Alpha = .9038

N of Items = 6

# MEN AND THEIR FATHERS RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	MF1	4.5357	1.1380	28.0
2.	MF2	4.2857	1.1501	28.0
3.	MF3	4.6786	.6696	28.0
4.	MF4	4.6429	.9512	28.0
5.	MF5	4.8214	.5480	28.0
6.	MF6	3.5714	1.4254	28.0
7.	MF7	3.9286	1.3313	28.0
8.	MF8	2.9643	1.2317	28.0
9.	MF9	3.3929	1.2274	28.0
10.	MF10	2.9286	1.3313	28.0
11.	MF11	3.9286	1.2150	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
MF1	39.1429	62.7196	.8008	.8799
MF2	39.3929	62.9140	.7789	.8811
MF3	39.0000	69.7037	.7420	.8895
MF4	39.0357	71.7394	.3602	.9029
MF5	38.8571	71.9788	.6635	.8943
MF6	40.1071	68.6918	.3269	.9119
MF7	39.7500	59.0093	.8637	.8743
MF8	40.7143	63.5450	.6817	.8868
MF9	40.2857	62.8042	.7267	.8839
MF10	40.7500	66.4167	.4728	.9007
MF11	39.7500	60.8611	.8499	.8761

Reliability Coefficients N of Cases = 28.0

N of Items = 11

#### CANDIDNESS SCALE RELIABILITY ALPHA

		Mean	Std Dev	Cases
1.	ME1	1.3929	.9560	28.0
2.	ME2	2.0714	1.4889	28.0
3.	ME3	1.2143	.7868	28.0
4.	ME4	1.3214	.9833	28.0
5.	ME5	2.4643	1.6212	28.0
6.	ME6	1.6786	.9449	28.0
7.	ME7	1.5000	1.0000	28.0
8.	ME8	2.2500	1.3229	28.0
9.	ME9	1.7500	1.2360	28.0
10.	ME10	1.7500	1.3229	28.0

#### Item-total Statistics

	Scale	Scale	Corrected	
	Mean	Variance	Item-	Alpha
	if Item	if Item	Total	if Item
	Deleted	Deleted	Correlation	Deleted
ME1	16.0000	40.9630	.2179	.7583
ME2	15.3214	36.9669	.2960	.7583
ME3	16.1786	43.2632	.0639	.7701
ME4	16.0714	38.4392	.4213	.7358
ME5	14.9286	34.8095	.3714	.7489
ME6	15.7143	36.6561	.6113	.7146
ME7	15.8929	37.1362	.5257	.7231
ME8	15.1429	35.8307	.4397	.7320
ME9	15.6429	33. <b>6455</b>	.6535	.6991
ME10	15.6429	32.9048	.6516	.6971

Reliability Coefficients N of Cases = 28.0 Alpha = .7553

N of Items = 10

# Fathering Appraisals 129 DEMOGRAPHIC VARIABLE FREQUENCIES

# FATHER'S AGE

		_	_	Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	35	1	3.6	3.6	3.6
	36	2	7.1	7.1	10.7
	38	3	10.7	10.7	21.4
	40	2	7.1	7.1	28.6
	41	1	3.6	3.6	32.1
	42	3	10.7	10.7	42.9
	43	3	10.7	10.7	<b>53.6</b>
	44	2	7.1	7.1	60.7
	45	3	10.7	10.7	71.4
	46	3	10.7	10.7	82.1
	48	1	3.6	3.6	85. <i>7</i>
	49	1	3.6	3.6	89.3
	50	1	3.6	3.6	92.9
	51	2	7.1	7.1	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# POPULATION OF RESIDENCE AREA

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	less than 2,500	7	25.0	25.0	25.0
	2,500-10,000	2	7.1	7.1	32.1
	10,000-50,000	4	14.3	14.3	46.4
	50,000-250,000	11	39.3	39.3	85. <i>7</i>
	over 250,000	4	14.3	14.3	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

### GENDER OF CHILD

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	male	15	53.6	53.6	53.6
	female	13	46.4	46.4	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

### CHILD'S AGE

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	10	8	28.6	28.6	28.6
	11	8	28.6	28.6	57.1
	12	8	28.6	28.6	85.7
	13	3	10.7	10.7	<del>96.4</del>
	15	1	3.6	3.6	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# FATHER'S RELATIONSHIP TO CHILD

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	bio	26	92.9	92.9	92.9
	step	1	3.6	3.6	96.4
	adopt	1	3.6	3.6	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# CHILD LIVES WITH FATHER

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	full	26	92.9	92.9	92.9
	part	2	7.1	7.1	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# ETHNICITY/RACE

			Valid	Cumulative
	Frequency	Percent	Percent	Percent
Valid Ang	do 28	100.0	100.0	100.0
Tota	al 28	100.0	100.0	
Total	28	100.0		

#### **FATHER'S EDUCATION LEVEL**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	HS	6	21.4	21.4	21.4
	AA	7	25.0	25.0	46.4
	BA	5	17.9	17.9	64.3
	MA	5	17.9	17.9	82.1
	PHD	4	14.3	14.3	96.4
	other	1	3.6	3.6	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# FATHER'S FATHER ABSENT

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	yes	5	17.9	17.9	17.9
	no	23	82.1	82.1	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

#### AGE FATHER'S FATHER ABSENCE STARTED

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	1	3.6	20.0	20.0
	2	1	3.6	20.0	40.0
	4	2	7.1	40.0	80.0
	5	1	3.6	20.0	100.0
	Total	5	17.9	100.0	
Missing	System Missing	23	82.1		
	Total	23	82.1		
Total		28	100.0		

#### REASON FOR FATHER'S FATHER ABSENCE

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	death	1	3.6	20.0	20.0
	Divorce/separation	2	7.1	40.0	60.0
	other	2	7.1	40.0	100.0
	Total	5	17.9	100.0	
Missing	System Missing	23	82.1		
	Total	23	82.1		
Total		28	100.0		

### SUBSTANCE ABUSE IN FATHER'S FAMILY OF ORIGIN

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	yes	4	14.3	14.3	14.3
	no	24	85.7	85.7	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

### SEX ABUSE IN FATHER'S FAMILY OF ORIGIN

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	no	28	100.0	100.0	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	yes	. 1	3.6	3.6	3.6
	no	27	96.4	96.4	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

### EMOTIONAL ABUSE IN FATHER'S FAMILY OF ORIGIN

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	yes	2	7.1	7.1	7.1
	no	26	92.9	92.9	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# EMOTIONAL NEGLECT IN FATHER'S FAMILY OF ORIGIN

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	4	14.3	14.3	14.3
	no	24	85.7	85.7	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# TOO MUCH UNSUPERVISED TIME IN FATHER'S **FAMILY OF ORIGIN**

				Valid	Cumulative
		Frequency	Percent	Percent	Percent
Valid	yes	7	25.0	25.0	25.0
	no	21	75.0	75.0	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# FATHER'S MARITAL STATUS

Valid	married	Frequency 24	Percent 85.7	Valid Percent 85.7	Cumulative Percent 85.7
	not married	4	14.3	14.3	100.0
	Total	28	100.0	100.0	
Total		28	100.0		

# Fathering Appraisals 135 DESCRIPTIVE STATISTICS FOR ALL VARIABLES

	N	Min.	Max.	Mean	Std. Deviation
TOTFES	28	59	109	89.89	10.95
FCM	28	8	20	16.79	3.26
FKN	28	13	25	20.54	3.31
FCN	28	11	25	20.36	3.26
FPT	28	7	20	16.54	2.91
FPV	28	6	15	13.39	2.13
FLW	24	6	14	10.87	2.11
RFLW	24	3	9	7.83	1.69
FLSN	28	11	20	16.89	2.77
FSPT	28	3	15	8.39	3.18
TOTF7S	24	79	143	121.50	13.83
RTOTF7S	24	77	139	118.46	13.67
TOTMB	28	6	30	21.04	6.79
TOTMF	28	18	53	43.61	8.99
TOTME	28	10	33	17.39	6.67
TOTCES	28	59	91	73.43	8.88
RTOTCES	28	30	62	45.50	7.50
TOTAS	28	52	120	104.86	16.88
CCM	28	8	20	15.14	3.30
RCCM	28	6	15	11.18	2.83
CKN	28	13	25	20.61	3. <del>99</del>
CCN	28	8	24	17.89	3.93
RCCN	28	4	1 <del>9</del>	13.89	3.75
CPT	28	7	20	16.79	3.18
CPV	28	11	15	14.18	1.25
CLW	24	8	15	12.67	2.20
CLSN	28	9	20	15.82	3.06
CSPT	28	3	15	9.43	3.85
TOTC7S	24	80	148	122.29	17.95
RTOTC7S	24	<i>7</i> 5	138	114.54	17.07
Valid N (listwise)	24				

#### TOTAL VARIABLE CORRELATIONS

N	TOTFES FOM	28 28	TOTCES	28 28
	FIGN	28	TOTAS	28
	FCN	28	COM	28
	FPT	28	RCOM	28
	FPV	28	CKN	28
	FLW	24	CON	28
	RFLW	24	RCCN	28
	FLSN	28	CPT	28
	PSPT	28	CPV	28
	TOTF75	24	CLW	24
	RTOTF75	24	CLSN	28
	TOTME	28	CSPT	28
	TOTME	28	TOTC75	24
	TOTME	28	RTOTC75	24

		TOTTES	<b>FCM</b>	FIXN	FCN	FPT	FPV	FLW	RFL.W	FLSN	PSPT	TOTF7S	RTOTF7S
Pearson	TOTFES	1.000	.396*	418*	.544**	<i>3</i> 12***	.007	.332	.269	.281	.161	.538 <del>***</del>	527
Correlation	FCM.	396*	1.000	.585**	.430°	.418*	089	.126	.284	.445*	.341	832	.811**
	FICN	.418*	.585**	1.000	.670	.512···	.142	.104	.080	.707-	.103	.7 <del>99</del>	.802**
	FCN	544**	.430*	.670***	1,000	.608	.027	016	005	.794**	- 064	.708°°	.718 <del>~</del>
	793	.712**	.418*	.51 2***	.608**	1.000	132	243	314	.495**	.197	<i>7</i> 07	.716 <sup>ee</sup>
	FPV	.007	089	.142	.027	.132	1.000	-259	171	.083	.228	.123	.143
	FLW	.332	.426*	.104	-JT 6	243	- 259	1.000	.885***	015	.218	322	.281
	RFLW	269	.284	.080	005	.314	171	.885**	1.000	024	.186	.289	.279
	FLSN	.281	.445	.707**	.794**	.195	.083	015	024	1.000	067	.698***	.705 <del>**</del>
	FSPT	.161	.341	.103	064	.197	.228	.218	.186	067	1.000	.556**	.551 <b>**</b>
	TOTES	.538**	.832**	.799m	.708**	<i>7</i> 07 <b>™</b>	.123	322	.259	.698**	.556***	1.000	.997**
	RTOTF7S	.527	811**	.802	.715***	.716 <b>**</b>	.143	.281	279	.705***	.551❤	.997***	1.000
	TOTMB	.172	.168	.110	118	.042	009	262	.175	087	£33***	374	.359
	TOTME	005	256	-192	079	030	241	.135	.150	179	.165	.494*	.497*
	TOTME	286	- 275	028	145	093	136	166	061	.143	388°	358	-344
	TOTOES	024	209	.163	.106	187	025	-388	-242	<i>3</i> 11	.003	122	124
	RTOTCES	.026	127	.226	.279	176	057	-255	-337	.304	.013	033	035
	TOTAS	171	.003	128	.070	-227	-260	- 082	028	031	346	.075	.085
	CCM	.376*	.568**	.390°	.540***	.358	.192	.119	.164	.440**	.221	.605**	.614**
	RCCM	.319	.502**	.21.5	.310	.253	.154	.160	.286	.230	.169	.441*	.457°
	CKN	.124	.614**	.207	.091	.216	129	.527	.464*	.130	.287	.376	.357
	CON	.452*	.444*	.230	.426*	433*	074	.122	.189	.258	.143	.478°	.488*
	RCCN	.466*	.410*	223	.394"	.425*	124	.140	.228	.223	.100	.126*	.437*
	CPT	.295	.682	332	.315	.409"	091	.365	.311	.368	.144	<i>.57</i> 1 <b>™</b>	.559T
	CPV	069	.101	.164	.129	.013	111	.208	.221	.263	280	018	023
	CLW	172	.291	.179	.214	120	-243	A21°	348	.365	041	-219	.199
	CLSN	.010	.483**	.131	027	.069	091	.242	.134	.221	328	.293	276
	CSPT	105	.391"	269	.170	021	.272	174	055	.175	573	.51.4°	.540
	TOTC75	.229	.607***	.417	.392	.330	025	.304	.302	.429*	.330	.586**	.583***
	RTOTOS	.216	_584**	396	343	319	-,046	.325	.339	.394	.303	.550=	.548**

<sup>\*.</sup> Correlation is significant at the 0.05 level (2-tailed)
\*\*. Correlation is significant at the 0.01 level (2-tailed)

# TOTAL VARIABLE CORRELATIONS (CONT.)

		TOTFES	FCM	FKN	FCN	FPT	FPV	FLW	RFLW	FLSN	PSPT	TOTE75	RTOTF75
Sig. (2-tail)	TOTFES		.037	027	.003	.000	.973	.113	.204	.148	.413	.007	.008
- 0	FCM	.037		.001	022	027	653	.038	.178	.018	.076	.000	.000
	FKN	.027	.001		.000	.005	.169	.629	.710	.000	.603	.000	.000
	FCN	.003	.022	.000		.001	.891	.941	.980	.000	.746	.000	.000
	FPT	.000	.027	.005	.001		.503	.253	.136	.007	.316	<b>.000</b>	.000
	FPV	.973	.653	.469	.891	503		.221	.426	.675	.244	.568	.505
	FLW	.113	.038	.629	.941	.253	.221		.000	.946	.305	.125	.184
	RFLW	.204	.178	.710	.980	.136	.426	.000		.910	.384	.171	.187
	FLSN	.148	លាខ	.000	.000	2007	.675	.946	.910		.736	.000	.000
	PSPT	.413	.076	.603	746	.316	244	.305	.384	.736		.005	.005
	TOTF75	.007	.000	.000	.000	.000	.568	.125	.171	.000	.005	-	.000
	RTOTF75	.008	.000	.000	.000	.000	.505	.184	.187	.000	.005	.000	
	TOTMB	.380	394	.578	.550	832	.965	.215	.413	.662	.000	.072	.065
	TOTME	.978	.168	.327	<i>6</i> 91	.880	.217	.528	.485	.362	.401	.014	.013
	TOTME	.140	.156	<i>B</i> 86	.463	.637	.489	.439	<i>7</i> 76	.469	.041	.086	.100
	TOTOES	.904	.286	.406	. <del>59</del> 2	.341	.900	.379	.255	.107	.988	.571	.564
	<b>KTOTCES</b>	.894	.519	.247	.151	.372	374	.228	.107	.115	.947	.878	. <del>869</del>
	TOTAS	.376	.986	516	<i>7</i> 22	246	.182	.704	.895	.874	.071	.729	.694
	CCM	.049	.002	.040	.003	.061	.328	.581	.445	.m9	.259	.002	.001
	RCCM	.09 <del>6</del>	.006	272	.108	.194	.435	456	.176	.240	.390	.031	.025
	CKN	.528	.001	.290	.645	.269	.513	.008	D22	.509	.139	.070	.087
	CCN	.016	.018	.239	.024	.022	.707	<i>.57</i> 1	377	.185	.168	.018	.016
	RCCN	.012	.030	.255	.036	.024	.529	<i>-5</i> 13	.284	.253	.613	.038	.033
	CPT	.127	.000	.084	.102	.031	.615	.079	.140	.054	.464	.004	.005
	CPV	<i>727</i>	.610	.403	512	.946	575	.330	299	.176	.150	.933	.915
	CLW	.421	.167	.401	.315	.576	252	.040	.096	.079	.848	.305	.351
	CLSN	.958	.009	.507	.992	726	.644	.254	.532	.258	.089	.164	.192
	CSPT	.595	.040	.166	.386	.915	.162	.416	.799	.374	.001	.010	.006
	TOTOS	.281	.002	.042	.058	.115	.907	.149	.151	.037	.116	.003	.003
	RTOTC75	.311	.003	.055	.101	.129	B31	.121	.105	.057	.149	.005	.006

<sup>\*.</sup> Correlation is significant at the 0.05 level (2-tailed)

\*\*. Correlation is significant at the 0.01 level (2-tailed)

TOTAL VARIABLE CORRELATIONS (CONT.)

						LAHON		T.)			
		TOTMB	TOTME	TOTME	TOTCES	RTOTCES	TOTAS	CCM	RCCM	CKIN	CCN
Pearson	TOTFES	.172	005	286	024	.026	174	.376*	.319	1.24	.452*
Correlation	FCM	.168	.256	- <i>27</i> 5	- 209	127	.003	.568**	.502**	-614-	.444*
	FKN	.110	192	028	.163	.226	128	.390°°	.215	207	.230
	FCN	118	079	145	.106	.279	.070	.540***	.310	.091	.426*
	FPT	.042	030	093	187	176	227	.358	253	.216	.433*
	FPV	009	241	136	025	057	260	.192	.154	129	- 074
	FLW	.262	.135	166	188	255	082	.119	.160	.527~	.122
	RFLW	.175	.150	-061	242	337	028	.164	.286	164*	.189
	FLSN	087	179	.143	.311	304	031	-440*	.230	.130	.258
	FSPT	.833**	.165	-388*	.003	.013	346	. <del>2</del> 21	.169	.287	.143
	TOTF75	374	.494*	358	- 122	033	.075	.605***	.441*	376	.478*
	RTOTF75	.359	497	-344	124	035	.085	614**	457*	.357	.488*
	TOTMB	1.000	.003	218	.256	.221	.362	.106	.032	.158	.011
	TOTME	.003	1.000	200	419*	-363	.210	.087	.189	.166	.251
	TOTME	-218	200	1.000	.209	.083	134	- 078	084	105	068
	TOTCES	256	419	.209	1.000	.905***	.170	.065	013	.048	073
	RTOTCES	.221	-363	.083	.905**	1.000	.304	.201	.071	043	058
	TOTAS	.362	.210	134	.170	.304	1.000	.323	.263	.082	.229
	CCM	.106	.087	078	.065	.201	323	1,000	.911**	342	.685**
	RCCM	.032	.189	084	013	.071	.263	.911**	1,000	377"	.702***
	CKN	.158	.166	105	.048	043	.082	342	377	1.000	517**
	CCN RCCN	.011	.251	068	073	058	.229	.685**	.702**	517~	1.000
	CPT	017	225	127	069	073	.196	.621**	.657**	.484**	.968
	CPV	106	.273	066	-258	-291	.073	.509**	.490**	655**	.758***
	CLW	- <i>.267</i> 036	102	.485**	.307	.160	106	.030	.012	.505	.231
	CLW		01.4	319	274	.205	.370	318	222	.568**	299
	CSPT	.191	.177	.140	.210 .053	.109 .068	.328 .435*	.381° .389°	351	.65 <del>7**</del> .392*	.458° .385°
	TOTOTS	.299	.151	342					363		
	RTOTOS	.161 .135	.294 .299	.104 .127	.067 .055	.027 006	.353 .319	.652***	.602	.785°	826** 827**
Sig. (2-tail)	TOTFES	.380	.978	.140	,904	uus .894	376	.609** .049	.596** .098	.901 <b>~</b> .529	,016
38. (x-mi)	FOM	394	.188	.156	.286	.519	بارد 986.	.002	.006	.001	.018
	FICN	.578	.100	.136	.406	247	.516	.040	.272	290	239
	FCN	.550	.691	.463	. <del>100</del> .592	.151	.722	.003	.108	.645	.024
	FPT	.332	.690	.403	.341	.131 .372	.246	.061	.194	269	.022
	FPV	.965	.217	.489	.900	<i>37</i> 4	.182	.328	.435	<i>5</i> 13	707
	FLW	.215	528	.439	.379	.228	.704	.58n	.456	.008	<i>5</i> 71
	RFLW	.413	.485	276	255	.107	.895	.445	.176	.022	377
	FLSN	.662	362	.469	.107	.115	874	.019	.240	.509	.185
	FSPT	.000	.401	.041	.988	.947	.071	259	.390	.139	.168
	TOTE7S	.072	.014	.086	.571	.878	729	.002	.031	.070	.018
	RTOTF7S	.085	.013	.100	.564	869	.694	.001	.025	087	.me
	TOTMB		987	.266	.189	257	.058	.593	.870	.423	.955
	TOTME	987		.306	.0226	,058	.283	.660	.335	399	.198
	TOTME	266	.306		285	.674	496	692	.670	594	733
	TOTCES	.189	.026	.285		.000	386	743	.946	.809	<i>7</i> 12
	RTOTCES	257	.058	.674	.000		.116	306	<i>7</i> 21	.829	.768
	TOTAS	.058	.283	.496	.386	.116		.094	.176	.660	.240
	CCM	.593	.660	.692.	.743	.306	.094		,000	.075	.000
	RCCM	.870	.335	.670	.946	721	.176	.000		.048	.000
	CIKIN	.423	.399	.594	.809	<i>8</i> 29	.680	.075	.048		.005
	CON	.955	.198	<i>7</i> 33	<i>J</i> 12	<i>76</i> 8	.240	.000	.000	.005	
	RCCN	.930	250	.520	729	712	.319	.000	.000	.009	.000
	CPT	.591	.160	.740	.186	.134	<i>7</i> 11	.006	.008	.000	.000
	CPV	.169	.604	.009	.112	.416	<i>.59</i> 2	.881	.953	.006	.238
	CLW	.868	.949	.129	.196	.338	.075	.130	296	.004	.156
	CLSN	.329	.368	.478	.283	.581	.089	.045	.067	.000	.014
	CSPT	.122	.445	.075	.789	. 731	.021	.041	.058	.039	.943
	TOTOS	.451	.163	.630	.757	.999	.091	.001	.002	.000	.000
	RIOTOS	.529	.156	.555	.800	977	.125	.002	.002	.000	.000

<sup>\*.</sup> Correlation is significant at the 0.05 level (2-tailed)
\*\*. Correlation is significant at the 0.01 level (2-tailed)

		TOT	AL VARI	ABLE C	ORRELA	TIONS (	CONT.)		
		RCCN	CPT	CPV	CLW	CLSN `	CSPT	TOTC7S	RTOTOS
Pearson	TOTFES	.466*	295	069	172	.010	105	.229	.216
Correlation	FCM	.410*	.682**	.101	291	.483**	391*	.607***	.584**
	FKN	.223	_332	.164	.179	.131	.26 <del>9</del>	.417	.396
	FCN	394*	.315	.129	214	027	.170	.392	.343
	FPT	.425*	.409*	.013	120	.069	021	.330	.319
	FPV	124	-091	111	-243	091	272	025	046
	FLW	.140	.365	.208	.421*	.242	174	.304	.325
	RFLW	.228	311	.221	.348	.134	055	.302	.339
	FLSN	.223 .100	.368	.263	.365	.221 .328	.175 .573₩	.429* .330	394
	FSPT TOTF75	.100	.144 .571=	280 018	041 .219	.348 .293	.514°	.586**	.303 .550***
	RTOTES	.437*	.571-	023	.199	.276	.540**	.583**	.548***
	TOTMB	017	106	023	036	.191	299	.161	.135
	TOTME	225	.273	102	014	.177	.151	.294	299
	TOTME	-,127	066	.485***	319	.140	-342	.104	.127
	TOTCES	069	-258	307	274	.210	.053	.067	.055
	RTOTCES	073	- 291	.160	.205	.109	.068	.027	006
	TOTA5	.196	.073	106	.370	.328	435*	353	.319
	CCM	.623 ***	.509***	.030	.318	.381*	.389°	.652***	.609**
	RCCM	.657***	.490**	.012	.222	.351	.363	.602***	.596**
	CKN	.484**	.655***	.505**	.568***	.659**	.392*	.785™	.801⇔
	CCN	.968**	.758***	.231	.299	.458*	.385*	.826™	827-
	RCCN	1.000	.7 <b>55**</b>	.194	244	.405"	.354	.754***	.770**
	CPT	.755~	1.000	.309	.433*	.667*	.362	.852**	.866**
	CPV	.194	.309	1.000	.704**	.455*	024	.487*	.506°
	CLW	244	.433*	.704-	1.000	517-	.234	.633***	.627~
	CLSN	.405*	.667***	A55°	.517***	1,000	.343	747**	745
	CSPT	354	.362	024	234	343	1.000	.631**	.613
	TOTOS	.754***	.852 <b>™</b>	.487*	.633**	747**	.631**	1.000	.995**
e:	RTOTC75	.770***	.866**	.506*	.627**	745**	.613**	.995**	1.000
Sig. (2-tail)	TOTFES	.012 .030	.127	<i>727</i>	.421	.958 .009	.595	.281 .002	.311 .003
	FCM FKN	.050	.000 .084	.610 .403	.167 .401	.507	.040 .166	.042	.055
	FCN	.038	.102	.512	315	.892	.166	.058	.101
	FFT	.024	.031	.946	.576	.726	.915	.115	.129
	FPV	.529	645	.575	252	.644	.162	.907	.831
	FLW	.513	.079	330	.040	254	.416	.149	.121
	RFLW	.284	.140	299	.096	532	.799	.151	.105
	FLSN	253	.054	.176	.079	258	374	.037	.057
	FSPT	.613	.464	.150	.848	Д89	.001	.116	.149
	TOTETS	.038	.004	.933	305	.164	ono	.003	.005
	RTOTF75	.033	.005	.915	351	.192	.006	.003	.006
	TOTMB	.930	.591	.169	.868	329	.122	.451	.529
	TOTME	.250	.160	.604	.949	.368	445	.163	.156
	TOTME	.520	<i>74</i> 0	.009	.129	.478	.075	.630	.555
	TOTCES	.729	.186	.112	.196	.283	.789	<i>7</i> 57	.800
	RTOTCES	<i>7</i> 12	.134	.416	.338	.581	.731	.B99	.977
	TOTAS	.319	.711	.592	.075	.089	.021	.091	.128
	CCM	.000	.006	.881	.130	.045	.041	.002	.002
	RCCM	.000	.008	.953	.296	.067	.058	.002	.002
	CKN	.009	.000	.006	.004	.000	.039	.000	.000
	CON	.000	.000	.238	.156	.014	.043	.000	.000
	ROCN	-	.000	.323	.252	.033	.065	.000	.000
	CPT	.000		.110	.035	.000	.059	.000	.900
	CPV	.323	.110		.000	.015	.903	<u>அ</u>	.012
	CL.W	.252	.035	.000	· ma	ano	272	.001	.001
	CLSN	.033	.000	.015	mo		.074	.000	.000
	CSPT	.065	D59	.903	.272	.074	.001	.001	.000. 0000.
	TOTOS	.000	.000	.016	.001	.000.	7007	.000	TOTO
	RTOTOS	.000	.000.	.012	.001	.000	TELL	TION.	•

<sup>\*.</sup> Correlation is significant at the 0.05 level (2-tailed)
\*\*. Correlation is significant at the 0.01 level (2-tailed)

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Appendix O

Curriculum Vitae

#### **CURRICULUM VITAE**

Leslie G. Brost, M.A. 6259 Reed St. Arvada, Colorado 80003 (303) 736-2602

### **Education and Honors**

May 2001	Doctor of Clinical Psychology (anticipated). APA Accredited Graduate School of Clinical Psychology: George Fox University, Newberg, OR. Current GPA: 3.9
May 1998	Master of Arts, Clinical Psychology. George Fox University, Newberg, OR. GPA at Graduation: 3.9.
May 1995	Bachelor of Arts, Whitworth College, Spokane, WA. Major in psychology; Minors in Religion and Spanish. Graduated Magna Cum Laude.
June 1992	Associate of Liberal Arts. Spokane Falls Community College, Spokane, WA. Graduated Cum Laude.
1989-1995	Psi-Chi - National Honors Society in Psychology
1992	Honors at Entrance, Whitworth College
1992-1995	Whitworth President's Scholarship
1992-1994	Comstock Foundation Scholarship
1992-1993	Laureate Society, Whitworth College
1993-1994	Laureate Society, Whitworth College
1994-1995	Whitworth Psychology Departmental Scholarship
1994-1995	Laureate Society, Whitworth College

#### Clinical Experience

Aug 2000-current Pre-Doctoral Internship in Psychology:

West Denver Child & Family Center

Mental Health Corporation of Denver, Denver, CO.

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Director of Internship Training: Kathryn Lund, Ph.D.

Supervisors: Peggy Kolschefsky, Psy.D.

Karen Mallah, Ph.D.

Working with children and adults, while providing individual, play, and Family therapy. Administrating, scoring, interpreting and writing psychological assessment reports for children. Co-teaching ADHD/ADD parenting classes. Attending training seminars. Receiving individual and group supervision weekly.

Sep 1999-May 2000

Pre-Intern: Woodland Park Hospital, Portland, OR. Supervisor: Robin I. Blair, Psv.D.

Provided group co-therapy for adult clients admitted to the Partial hospitalization Program. Treatment issues addressed include depression, suicidal ideation, substance abuse, interpersonal skill building, Post Traumatic Stress Disorder, and grief. Administered assessment measures of emotional functioning and symptoms at intake, generate interpretive reports, gave feedback to clients, and charted their treatment progress. Second rotation was in the Adult Inpatient Program. Gained experience interacting with and providing group therapy for inpatient adults. Received weekly group and individual supervision.

Oct. 1998-June 1999

Practicum II: Yamhill County Family & Youth Services,

McMinnville, OR.

Supervisors: Dawn Hoffman-Gray, Psy. D.

Laurie Birchill, LCSW

Provided individual and family therapy for school aged children in a community mental health center. Treatment issues included attachment, anxiety, acute stress, grief, school failure, disturbance of conduct, parenting techniques, and attention-deficit disorder. Conducted psychosocial interviews and completed intake reports. Charted client's treatment progress. Attended weekly consultation meetings with a multidisciplinary staff. Received weekly group and individual supervision.

Aug. 1997-May 1998 Practicum I: Rainbow Family Services, McMinnville, OR.

Supervisors: Gary E. Nielsen, Ph. D.

Kara Schrenk, LCSW

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Provided individual therapy to foster care adolescents dealing with substance dependence and law violations. Provided family therapy to adolescents and families focused upon enhancing interpersonal skills, parenting skills, conflict resolution, and problem solving. Conducted diagnostic interviews and wrote treatment plans, reports, and case notes. Received weekly group and individual supervision.

Jan. 1998-May 1998

Group Co-Facilitator: George Fox University. Newberg, OR. Supervisor: Wayne Colwell, Ph. D.

Co-facilitated a process group for undergraduate students. Explored with clients issues of individuation, relationship and family dynamics, sexual orientation, and personal integrity. Received weekly group supervision.

Jan. 1997-May 1997

Pre-Practicum: George Fox University. Newberg, OR. Supervisor: Wayne Colwell, Ph. D.

Provided individual psychotherapy for undergraduate students. Focused on issues of identity formation, problem solving, relationship dynamics, academic performance, and personal integrity. Developed therapeutic goals with clients and monitored their progress throughout the treatment process. Received weekly individual and group supervision.

Jan. 1995- May 1995 Chaplain's Assistant: Airway Heights Corrections Center.

Airway Heights, WA.

Supervisors: Chaplain David Bon Noel Wiscomb, Ph. D.

Provided weekly pre-marital and marriage enrichment classes for inmates and their fiancees/spouses. Administered the PREPARE/ENRICH Inventory to couples, with results utilized as feedback and discussion material within the sessions.

# Teaching Experience

Feb -May 1999

ParentCare© Co-Instructor: Tuality Hospital, Hillsboro, OR.

Supervisors: Terri Bennick, Psy.D.

Dawn Hoffman-Gray, Psy.D. Derenda Schubert, Ph.D.

Co-instructed ten, two-hour skill development classes for the parents of adolescent children. Topics covered included, an introduction to

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theory regarding development, attachment, and temperament, enhancing parent-child relationships, nurturing emotional intelligence, developing problem-solving skills, setting appropriate limits, allowing natural consequences for behavior, and engaging in positive discipline practices. Received weekly training and group supervision.

High School

T. 1. 0004

Obedience Class Instructor: Spokane Dog Training Club, Spokane, WA. Instructed several ten-week, novice-level, behavioral modification courses for owners and their canine companions.

### **Additional Clinical Training**

Feb 2001	James McClelland, Psy.D. <u>Self-Mutilation in Adolescents.</u> Mental Health Corporation of Denver, Denver, CO.
Feb 2001	Carleen Robinson Batista, LCSW, from University of Miami Center for Family Studies. Brief Strategic Family Therapy. Mental Health Corporation of Denver, Denver, CO.
Jan 2001	Carl Clark, M.D., MHCD Chief Executive Officer. <u>Testifying in Court</u> . Mental Health Corporation of Denver, Denver, CO.
Jan 2001	Peggy Kolschefsky, Psy.D. <u>Treatment of Attention Deficit Disorder In Children.</u> Mental Health Corporation of Denver, Denver, CO.
Jan 2001	Laurence B. James, Psy.D., Attorney at Law. Mental Health Law Update for Clinicians. Mental Health Corporation of Denver, Denver CO.
Nov 2000	Rae Marie Smilanic, M.D. <u>Assessing Lethality in an Adult.</u> Mental Health Corporation of Denver, Denver, CO.
Nov 2000	John Kulsar, Assistant Program Manager. <u>Dialectical Behavior Therapy:</u> Behavioral Chain Analysis and Diary Cards in DBT Therapy.
Oct 2000	Mental Health Corporation of Denver, Denver, CO. Ginny Trierweiler, Ph.D. <u>Promoting Positive Change in Children and Families.</u> Mental Health Corporation of Denver, Denver, CO.
Sep 2000	Susan Hahn, Pharm. D. <u>Pharmacology of Psychiatric Drugs.</u> Mental Health Corporation of Denver, Denver, CO.
Oct 1998	Michael Carson, Ph.D. Clinical Use of the 16 PF. George Fox University,

Newberg, OR.

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Feb 1998	Jackie Hudson, MA, MS & Carolyn Rexius LCSW. A Biblical Model of
	Domestic Violence and Incest. CAPS Conference, Portland, OR.
Oct 1997	Eric M. Johnson, Ph.D., ABPP. Therapists in the Courtroom: Ethical,
	<u>Legal, and Clinical Considerations.</u> George Fox University, Newberg, OR.
Mar 1997	Jose Cervantes, Ph.D., ABPP. Intervention Issues with Latino Children,
	Adolescents, & Families. George Fox University, Newberg, OR.
Feb 1997	Michael Conner, Psy.D. Training in Emergency Psychological Services
	and Crisis Intervention. George Fox University, Newberg, OR.
Nov 1996	Brad Johnson, Ph.D. The Practice of REBT with Religious Clients. George
	Fox University, Newberg, OR.
Oct 1996	Gerald Koocher, Ph.D. Psychological Ethics and Clinical Practice.
	Oregon Psychological Association, Portland, OR.

#### **Professional Affiliations**

1996- Current American Psychological Association (Graduate Student Affiliate)

# **Publications**

Brost, L. G. (1996). Beyond incarceration: Ministering to inmates through community. The preacher's magazine, 27(1), 48-51.

Brost, L. & Johnson, W. (1995). Retrospective appraisals of fathers' effectiveness and psychological health of adults. <u>Psychological Reports</u>, 77, 803-807.

#### **Professional References**

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Yamhill Co. Family & Youth Services
2045 SW Hwy 18, Suite 200
McMinnville, OR 97128
503-434-7462

Chaplain David Bon Airway Heights Corrections Center P.O. Box 1899 Airway Heights, WA 99001-1899 509-244-6760

Rodger K. Bufford Licensed Psychologist George Fox University Graduate School of Clinical Psychology Newberg OR 97132

Dawn Hoffman-Gray, Psy.D. Licensed Psychologist Yamhill Co. Family & Youth Services 2045 SW Hwy 18, Suite 200 McMinnville, OR 97128 503-434-7462

Peggy Kolschefsky, Psy.D. Licensed Psychologist West Denver Child & Family Center Mental Health Corporation of Denver 1405 N. Federal Denver, CO 80204 303-504-1522

Kathryn Lund, Ph.D.
Chief Psychologist
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Karen Mallah, Ph.D., Licensed Psychologist Program Manager West Denver Child & Family Center Mental Health Corporation of Denver 1405 N. Federal Denver, CO 80204 303-504-1500

Gary E. Nielsen, Ph.D. Licensed Psychologist Forensic Psychology Associates 2290 State Street Salem, OR 97308 503-399-1123

Gale Roid, Ph.D.
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Kara Schrenk, M.Ed., LCSW Adolescent & Family Therapist Rainbow Family Services 525 E. 4th Street McMinnville, OR 97128 503-472-2240

Gerald Sittser, Ph. D. Professor of Religion Whitworth College Spokane, WA 99251 509 466-4381