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THOMAS PETER DUNN

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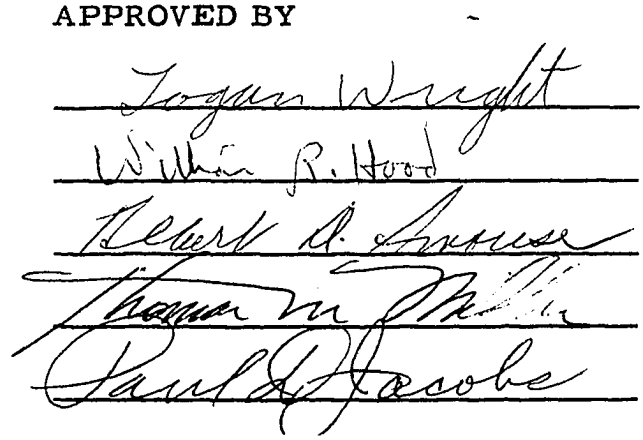
A FACTOR ANALYTIC STUDY OF FIVE MEASURES

OF PERSONAL EFFECTIVENESS

APPROVED BY



DISSERTATION COMMITTEE

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Special acknowledgment is made to my wife, Morena, for her personal support, typing, and helpful comments. Also, our daughters, Angela and Gretchen, have provided inspiration and joy while we worked.

This dissertation is dedicated to my wife Morena.

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CHAPTER I

INTRODUCTION

The purpose of the present study is to determine the relationship among five objective measures which are available for the specific purpose of assessing personal effectiveness (behavior that is considered significantly above average in adaptiveness). The type of behavior presumably measured by these indices is considered too adaptive to be described as normal or average. The research which is conducted within this area assumes that human adaptiveness is not distributed dichotomously into normal and abnormal groups but rather is distributed normally; for every disturbed individual there is a person who is conspicuously healthy or effective. Numerous labels have been used to describe such behavior, including positive mental health (Jahoda, 1958), self-actualization (Maslow, 1954), normal personality (Shoben, 1957), psychological health (Mehlman and Kaplan, 1958), efficiency (Wishner, 1955), personal soundness (Barron, 1963), personal integration (Seeman, 1959), competence (White, 1959), and personal effectiveness (Wright,

1965). The reader will note that these labels refer primarily to social-personality type variables rather than intellectual abilities such as giftedness (high I.Q.) or creativity. The present study attempts to determine the extent to which five indices measure the same phenomena.

The concept of personal effectiveness has remained underdeveloped both in terms of theory and application. Wright (1965) has emphasized the need for new theoretical models for the investigation of personal effectiveness rather than enlargement upon traditional clinical theories such as psychoanalysis, which are often "so shackled to pathology that they can only conceive of health in terms of absence of weaknesses" (Wright, 1965). In the same article, Wright cites examples in which clinicians have been insensitive to and/or unable to assess a person's positive mental health. Shostrom (1964) notes that while diagnostic instruments have provided an estimate of the new patient's pathology, there is a need to measure the client's current level of positive mental health which could suggest directions for growth toward mental health. Jahoda (1958, p. 89) also emphasizes the fact that few indices of positive mental health have been developed. The immediate relevance of personal effectiveness extends beyond the traditional clinical work of treating emotionally disturbed patients. Fostering development of persons who have already achieved an average level of adjustment but who desire to develop themselves more fully, becoming more successful in all aspects of their lives, is a new role for the psychotherapist.

Maslow's (1954) study of the lives of historical figures whom he considered to be among the upper one percent of the psychologically healthy persons represented a pioneer effort within the area of positive mental health. He enumerated the characteristics he considered unique to his group. These characteristics are: efficient perception of reality; acceptance of self, others, and nature; spontaneous responsiveness to internal and external demands; problem-centered rather than ego-centered; autonomy of action; identification with man; effectiveness and enjoyment of interpersonal relationships; democratic character structure; creativity; and the seeking of and ability to enjoy privacy and personal detachment (Maslow, 1959, p. 126).

While Maslow's more detailed elaboration of self-actualizing characteristics served to add new knowledge to the area of positive mental health, his list of characteristics, as well as his selection of people, indicated more about Maslow's own values and preferences than it provided objective evidence for a self-actualizing syndrome of positive mental health. Smith (1959) has termed Maslow's reasoning "circular" and discusses how the problem of circularity arises when one's "evidence" is that which one set out to explain. For example, the concept of instinct was once considered an explanatory concept rather than a descriptive term as it is now. Herding behavior was "explained" by a herding instinct; the "evidence" for a herding instinct was that certain species of animals herd together. In like manner, Maslow's approach contains

circularity in that his list of self-actualizing characteristics cannot serve as evidence for the existence of a unitary motivational system because Maslow chose his characteristics from those individuals who were considered, in his opinion, to be exceptionally healthy, rather than relating independent criteria to his own list of self-actualizing characteristics. Yet Maslow fulfilled one of his main purposes of dramatically calling attention to the area of positive mental health at a time when psychologists' focus within the area of mental health was almost exclusively upon psychopathology. Secondly, Maslow's use of values exemplifies the fact that values are involved when thinking about either mental illness or health. Shoben (1957) has stated that it is doubtful if one can conceptualize effectiveness without reference to values. Wright (1965) has pointed out that once value judgments are made, the business of gathering data and relating variables can proceed and future judgments concerning personal effectiveness can make use of the resulting data, and thereby be less arbitrary and less value-laden.

Shoben (1957), like Maslow, has postulated a number of characteristics to describe effectiveness, or positive mental health. He suggests that development of capacities which are uniquely human constitutes a syndrome and serves as a criterion for effectiveness. He lists such behaviors as (a) symbolic cognition, (b) altruism, (c) delay of gratification, (d) accurate assessment of behavioral consequences, (f) intimacy of interpersonal relationships, (g) contributions to general welfare, and

(h) self-respect. At the present, Shoben's contribution, as it is developed thus far, is analogous to Maslow's in that it is more theoretical than empirical.

Wishner's (1955) work concerning effectiveness provides a more rigorous contribution to the theory and methodology of positive mental health. For Wishner, effectiveness is most closely tied to a criterion of efficiency in task accomplishment; he utilizes it as the dimension on which to measure both positive mental health and psychopathology. Two types of expended energy are distinguished: "focused behavior (F), energy expended on the task, and diffuse behavior (D), energy expended in irrelevant directions" (Wishner, 1955). Wishner hypothesizes that efficiency is a function of the ratio of focused to diffuse activity, and of productivity (E=f (F/D, P). He contends that this is a type of ego function. The degree of efficiency of behavior reflects the degree with which the person is able to focus his attention and action on the task requirements. For example, reduced physiological response during the resting state or whenever irrelevant stimuli are presented is evidence of efficient, non-diffuse behavior. Increased responding during relevant task presentation represents focused and thereby efficient energy mobilization.

Wishner contends that his continuum of psychological health and psychopathology and his concept of efficiency is limited to situations in which a very high degree of specification of task requirements can be made. Thus Wishner's model and research is an example of a highly

specified and circumscribed approach to theorizing about effectiveness in that he does not refer to types of effectiveness such as interpersonal behavior.

Seeman (1959) believes that effective behavior as demonstrated from a variety of psychological investigations can be defined in terms of an integration between the human organism and its environment. Such integration, in turn, can be explained as resulting from a state of adaptive integration between various human subsystems, e.g., biochemical, physiological, perceptual, cognitive, developmental, and interpersonal. Seeman's theory, along with those of Maslow, Shoben, and Wishner, represents models specifically focused upon personal effectiveness.

Neither theory nor research have been elaborately developed within the area of positive mental health. Wright (1965) suggests that investigators might consider "pre-exploratory" research involving the conducting of empirical investigations in order to generate theoretical hypotheses concerning the distribution and relationship among effectiveness variables which can be tested in subsequent studies. This approach allows for an emphasis upon a continuous interaction between data and theory thus avoiding the hazards of theories which are not adequately based on sound empirical studies. All too often the premature elaboration of theories leads to a blinding of the investigator to alternative views, data, and methodologies. Such theories not only give a false appearance of too much certainty and knowledge but also can mislead clinical practice

as well as scientific investigation.

Barron (1953a), Fitts, (1965), Shostrom (1964), Duncan (1966), and Wright, Bond, and Denison (1968) have developed objective and quantifiable personality tests which are designed to measure personal effectiveness or positive mental health. The latter two indices by Duncan (1966) and Wright et al. (1968) are sociometric measures while the first three indices are in self-report form. These five measures represent all the reliable and valid indices that are presently available.

Positive mental health criteria have been translated into empirical indicators. The next research step needed at this point in the investigation of personal effectiveness is a study of the interrelations among these criterion measures. Smith (1959) suggests that intercorrelation and factor analysis of a battery made up of the available measures of positive mental health would be of special value in determining the interrelationship of these criterion measures. He notes that the assumption that effectiveness is a unitary syndrome prejudices the researcher because the focus is on what is common to individuals who function well. He adds that at this time in the early phase of the development of the area of positive mental health, it may well be that researchers should give up the notion of settling for any single criterion.

The present investigation is a factor analytic study of the relationship among these criterion measures which could aid in the development of a more accurate conceptualization of positive mental health. For

example, is personal effectiveness as now measured a general trait or underlying quality, or are there several independent dimensions? An individual may obtain a high score on one or two instruments and a relatively low score on the other measures of positive mental health, thereby indicating that there are different aspects to personal effectiveness as defined by the indices used. These aspects are not necessarily separate manifestations of some underlying quality but rather represent a cluster of characteristics that may not be equally developed within a given person, e.g., endorsement of Shostrom's (1964) Self Actualizing Value subscale while obtaining a low score on Barron's (1953a) Ego Strength scale, or a high self-rating on Fitts' (1965) Personality Integration subscale while receiving a low rating by his peers on Duncan's (1966) Personality Integration Reputation Test.

Factor analysis of all the items from the five available indices would aid in the refinement of the definition of personal effectiveness by determining the number of factors or independent dimensions within the domain. Human intellectual abilities have been found to be "neither completely general nor completely specific" (Nunnally, 1959, p. 163). The same may hold true for personal effectiveness. Cooley (1963, p. 21) has pointed out that factor analysis is an excellent method for identifying the fundamental and meaningful dimensions of a psychological domain (personal effectiveness in the present study). He also notes that factor analysis is especially useful when the investigator wishes to reduce the

number of dimensions of a set of variables by taking advantage of their intercorrelations. The five available measures of effectiveness have never been intercorrelated and such a study is needed at present.

If a general effectiveness factor were discovered which was comprised of items from several effectiveness indices, a new scale could be constructed that would reduce redundancies in measurement. With a new scale, theorists would have a clearer idea of what they were actually measuring.

There is also a fundamental need to become aware of both the degree of independence among the five available measures of personal effectiveness, as it has been difficult to compare the results of various studies that have utilized different criterion measures. This question can be answered by intercorrelation and factor analysis of the totals of the five indices and by the amount of overlap of individual test items from the various measures within a given factor. For example, if all of the items from a given index are found to comprise one separate factor, it would speak for the independence of that particular instrument and would indirectly suggest that the independent criteria used to validate that index are not highly related to the validating criteria of the other indices.

Review of Personal Effectiveness Measures

Five objective and quantifiable measures have been developed for the specific purpose of measuring personal effectiveness. They are: (1)

the Self Actualizing Value (SAV) subscale (Shostrom, 1964); (2) the Barron Ego Strength scale (Es) (Barron, 1956); (3) the Personality Integration Reputation Test (PIRT) (Duncan, 1966); (4) the Expanded Sociometric Device (ESD) developed by Wright, Bond, Denison (1968); (5) the Personality Integration Scale (PI) (Fitts, 1965). The review of these scales will include the development of each, studies demonstrating validity and reliability, and finally a discussion of known relationships of each scale with other indicators of personal effectiveness.

Self Actualizing Value Subscale. Shostrom (1964) developed the SAV subscale as part of the Personal Orientation Inventory (POI), a more general measure of personality. The SAV is of particular interest to researchers concerned with personal effectiveness because it offers the only available objective measure of the values derived from Maslow's concepts of self-actualizing people. A high score on the SAV presumably means that an individual conforms to, and lives by, values of self-actualizing people as defined by Maslow (1956).

The SAV subscale of the POI consists of 26 pairs of alternative value statements which were selected by clinical judges from a pool of observed value statements of clinically healthy and clinically troubled patients as submitted by therapists. Items were also derived from the writings of Maslow (1954), May (1958), Fromm (1956), Riesman (1950), and Rogers (1961). Following the initial construction, value items were stated twice, once in the form of affirming a value, e.g., "People are

basically good," and one in the exact opposite, e.g., "People are basically evil." Shostrom (1964) points out the relevance of this elaboration of choice since many tests assume that the examinee is aware of the "opposite" of a given question when in fact he is not. Perls (1947, p. 17) points out that opposites are related more to the context in which a word is found than to the word itself. Endorsement of only one item of a particular pair presumably reflected subscription of self-actualizing values.

Shostrom (1964) determined the validity of the SAV by demonstrating that it discriminated between Ss drawn from a pool of 650 college students and 450 therapy patients who had been judged by clinicians to have a relatively high level of self-actualization from the same pool who had not evidenced such development. He found that the SAV subscale discriminated in the predicted direction between three groups nominated by clinicians as either relatively self-actualized, "normal adults," or relatively non-self-actualized.

In another validity study of the SAV, Fox (1965) administered this subscale to a group of 100 hospitalized psychiatric patients and differentiated the hospitalized sample from a sample of self-actualized Ss nominated by clinicians from a pool of 50 persons judged to be relatively self-actualized, and from a normal adult sample who were employees of a large university and who were not apparently neurotic. Knapp (1965) studied the relationship between the POI and the construct of neuroticism as measured by the Eysenck Personality Inventory (Eysenck and Eysenck, 1963) which includes measures of the dimensions of intraversion-

significantly and negatively correlated with neuroticism. Similarly, Shostrom and Knapp (1966) demonstrated a direct relationship between decreases in pathology as measured by the Minnesota Multiphasic Personality Inventory (MMPI) and increases in all subscales (including the SAV) of the POI with a group of patients undergoing psychotherapy. Two groups of Ss were involved. The first group of subjects consisted of 37 patients beginning therapy at a private clinic. The second group was made up of 39 patients in advanced stages of psychotherapy. They had been in therapy from 11 to 64 months, with a mean duration of 26.5 months. Both groups were administered the MMPI and POI. The advanced group of clients seemed significantly higher than the beginning group on the SAV (critical ratio significant at .01 confidence level). There were no differences between the groups on the validity scales of the MMPI but significant differences were obtained on seven of the scales relating to pathology. Shostrom and Knapp both conclude that as self-actualization increases, mental illness decreases. They also postulate that pathology is replaced by the development of a workable value system. It is in this sense that the authors feel that the SAV subscale serves as a measure of progress in therapy alone or in conjunction with the MMPI. Thus the initial studies reported have supported the validity of the SAV subscale of the POI.

Klavetter and Mogar (1967) have assessed the test-retest reliability of the SAV using 48 college students and found it to be .87 after

15 weeks duration. Shostrom (1964) has obtained data indicating no significant sex differences in the use of the SAV with either college students or patients with regard to norms. Therefore, there is evidence that the SAV is a reliable and valid measure of the values of those judged to be self-actualized as opposed to normal or neurotic.

Ego Strength Scale. Barron's Ego Strength Scale was developed empirically as a predictor of neurotics' success in psychotherapy rather than as an index of personal effectiveness per se. Barron refers to the term "personal soundness as a way of reacting to problems, not the absence of them" (Barron, 1954). However, it is this author's impression that the Es scale measures processes which are related to a person's ability not only to solve problems, but also to function optimally, and avoid difficulties which might cause a person to require psychotherapeutic help, the success of which was the original target of the Es measure.

The items for the Es scale were originally derived from the Minnesota Multiphasic Personality Inventory (MMPI) to predict responses of psychoneurotic patients to psychotherapy. Barron (1953a) utilized successful response to therapy as measured by clinical judges as the validating criterion. These judges based their ratings concerning improvement upon clinical data in the patients charts as well as a presentation of the case by the therapist. Change rather than level of adjustment was emphasized. Since Barron's Ss had been given the MMPI before entering therapy, an item analysis was able to identify the pre-treatment

attributes that were related to the degree of improvement the Ss demonstrated following individual psychotherapy.

The content of the 68 items derived for the Es scale was examined, and items grouped according to the areas of functioning they represented, as follows: (a) basic personal adequacy, (b) physical functioning and physiological stability, (c) psychasthenia and seclusiveness, (d) attitudes toward religion, (e) moral posture, (f) sense of reality. Examination of the data revealed that the pre-therapy characteristics of the improved patients as compared with the unimproved patients were good physical functioning, spontaneity, conventional and undogmatic religious beliefs, permissive morality, good reality contact, and feelings of personal adequacy and vitality. Barron (1953b) concluded that these strengths are of the sort that are generally ascribed to a well functioning ego, and that it is latent ego strength which is the most important determinant of response to psychotherapy and optimal functioning. Wirt (1955) has cross-validated these findings. In another study, Quay (1955) has shown that 74 psychiatric patients could be separated from normals (92 student nurses) on the basis of the Es scale.

During the early stages of the development of the Es scale, Barron stated that "consideration of the scale content and its correlates, suggests that it [Es] is useful as an assessment device in any situation where some estimate of adaptability and personal resourcefulness is wanted"(Barron, 1953b). Barron further developed his contention that the Es scale is a

measure of effectiveness rather than simply ability to respond to therapy in the study of graduate students described below.

Barron (1954) investigated independence, creativity, interpersonal relations, and effectiveness in goal-directed behavior among 80 graduate students as criteria of personal effectiveness. The assessment of these dimensions was based on ratings by the students' professors, scrutiny of Ss personal histories, and researchers who interviewed and made ratings over a three day period. The students were also administered the Es scale. The ten highest scores on the Es were rated significantly higher than the ten lowest scores on adjectives check-lists and other ratings by the staff and professors. The general impression was of greater resourcefulness, vitality, and self-direction among the high scores as opposed to effeminacy, inhibitions, and affectation in the low Es group. The "personally sound" graduate students differed from the "personally unsound" students in the same way that patients who profited from psychotherapy differed from the unimproved patients. In terms of absolute level of adjustment, the distribution of Es scores showed a clear progression in group means from unimproved patients through the improved patients and unsound graduate students to the personally sound graduate students. This progression of group means suggests to the present author that the Es scale is related to personal effectiveness.

Further evidence for the Es scale as a measure of positive mental health is presented by Barron (1953b). He found that the Es scale

correlated .48 with the Intellectual Efficiency subscale of the California Psychological Inventory using an Air Force officer sample. The efficient use of one's abilities is generally considered an indication of personal effectiveness (Maslow, 1954; Wishner, 1953, 1955, 1965). Still more evidence of the Es scale as a measure of positive mental health has been presented by Hunter and Goodstein (1967) who found Ss with high Es scores to be less defensive and to make use of more logical analysis (coping) responses as measured by ratings of an interview than those with low Es scores. Barron (1956) has shown that, in general, high scorers on the Es were more effective and healthy in their management of over-aggressive feelings and impulses during an interview and observation in small groups by clinical raters. Greenfield, Roessler, and Crosley (1959) found that a long recovery group of patients with infectious mononeucleosis differed significantly on the Es scale from a short recovery group. This finding was interpreted as evidence for the intertwining of psychological and somatic health. These findings provide further evidence to the effect that the Es scale is a valid and reliable measure of personal effectiveness.

Holmes (1967) has shown that the validity is not affected by sex differences. Both odd-even (r=.76) and test-retest after three months (r=.72) procedures have indicated the reliability of the Es scale (Barron, 1953b).

Personality Integration Reputation Test. Duncan's Personality Integration Reputation Test (PIRT) is the third measure of positive mental

health employed in the present study. Duncan (1966) utilized the six categories identified by Jahoda (1958) as descriptive of positive mental health to construct a six-item sociometric device, the PIRT. Jahoda's (1958) work was an extensive survey of the current assumptions about global personality functioning, which she organized into categories of positive mental health. Her categories include: (1) attitudes toward the self; (2) growth, development, and self-actualization; (3) integration of the personality; (4) autonomy, self determination, or independence; (5) perception of reality; and, (6) environmental mastery-success and adaptation. The PIRT was originally designed to aid in researching Seeman's (1959) concept of organismic integration by serving as a criterion measure.

In Duncan's (1966) initial construct validity study, he predicted that Ss scoring high on the PIRT would obtain significantly higher scores than would a randomly chosen group on the following independent criteria of positive mental health: self concept (as measured by a self-report form of the PIRT), locus of control, locus of evaluation, environmental contact as measured by involvement in school and social activities, academic achievement, creativity or cognitive complexity, and intellectual efficiency. Duncan's predicted results were obtained in both the original and cross-validation samples except in the case of creativity as measured by the circles test (Torrance, 1960). The Tennessee Self Concept Scale or TSCS (Fitts, 1965) was administered to the cross-validation sample

as an additional criteria of personal effectiveness but no significant differences on any of the 29 variables measured between groups was obtained. However, the high PIRT group scores in the predicted direction in terms of personality integration when compared to Fitts' (1965) norm group on 22 of the 29 TSCS subscales. A sign test demonstrated this finding of predictable direction in 22 out of 29 cases to be significant at the .01 level of significance.

Seeman (1966) replicated Duncan's validity study using female subjects, with the exception that he omitted the creativity test and added the Tennessee Self Concept Scale. The PIRT was used to select samples of 23 college women high in personality integration and 20 randomly selected women. The high group, as compared with the random group, had a more positive self concept, higher environmental contact, and greater intellectual efficiency. Thus the findings were essentially the same as Duncan's with one exception: in the female groups, unlike the male groups, no difference was found in locus of evaluation and control. Seeman speculates that possible effectiveness for college women requires less internal locus of control than does effectiveness for men.

Wright (1966) has also contributed to the validity of the PIRT. He studied the relationship of PIRT scores to response style, self concept, reported perception of others, and congruence as measured by discrepancy between first and third person forms of a sentence completion technique developed by Getzels (1951) entitled the Projective Direct Personality

Questionnaire (PDPQ). College sorority members completed first and third person forms of the PDPQ. Wright's findings supported the earlier findings of Duncan (1966) and Seeman (1966) that individuals with higher PIRT scores also describe themselves in more positive terms. He also found that the PIRT correlated positively and significantly with the positive quality of third person ratings, i. e., more positively reported perception of others. Wright points out that the above results support Rogerian self theory which states that a person who accepts himself will thereby be better able to accept others (Rogers, 1951). Lastly, high congruence between first and second person responses was not obtained. A post hoc analysis revealed the reason to be that high PIRT scorers tended to make more commited responses and tended to be more willing to admit both good and bad things about themselves and others. Wright labeled this tendency "openness."

From a psychometric point of view, it would be worthwhile to know the factor structure of the PIRT. Wright (1967) has obtained data indicating that the PIRT is comprised of a very potent first factor which accounts for approximately 90 percent of the total variance associated with four different matrixes (an initial sample of females, an additional sample of females and males, and these two groups combined). This first factor indicates that positive mental health as measured by Duncan's scale can be regarded as a unitary or general factor. In addition, replications have shown the factor structure to be reliable and not susceptible to sex

differences. However, the factor should be viewed as a measure of perceived effectiveness and Wright (1967) has termed it "effectiveness stimuli value."

The three studies cited above by Duncan (1966), Seeman (1966), and Wright (1967) are interpreted as supporting the construct validity of the PIRT. Test-retest reliability of the PIRT has been demonstrated by Wright (1968b) utilizing subjects from a sorority and a male dormitory. The Pearson r's were .90 for the females and .95 for males. The time interval between initial testing and follow-up testing was four and one-half months. The same study, using three groups made up of both males and females belonging to a youth organization failed to demonstrate inter-sex congruence when the sex of the rater and person rated on the PIRT differed. That is, a tendency exists to obtain different scores when males are rated by other males than when the same males are rated by females. The same finding held true when females were rated.

The relationship among different types of data that can be obtained using the PIRT has been investigated by Wright (1968b). He has shown that equivalent results, in terms of intercorrelation of scores and correlations of the scores with another variable (self ratings on the six PIRT items), are obtained regardless of whether Ss complete the PIRT items with nominal data for separate items, or ordinal, or interval data for the three nominees on each item, or interval data for an entire group. Very high intercorrelations (r=.83 to .98) among all forms of the standard

sociometric PIRT and consistently low correlation coefficients were obtained between the PIRT scores and the additional variable of self ratings on the PIRT.

Expanded Sociometric Device. Wright, Bond, and Denison (1968) have developed an Expanded Sociometric Device for measuring personal effectiveness in an attempt to provide a more omnibus measure of effectiveness, as well as a longer instrument which might overcome the bias of some potential users against a six item scale (PIRT). It was also hoped that a longer scale would provide increased reliability and subsequently increased validity. The PIRT and 48 additional sociometric items constructed on the basis of a survey of the literature, were administered to groups of fraternities and sororities. The 48 additional items were divided into six groups of eight items for each of Jahoda's (1958) categories. On the basis of their content validity and correlation with Duncan's scale, 30 (five for each of Jahoda's categories) of the 48 items were selected for the lengthier test of personal effectiveness. The correlation of the total of these 30 items with Duncan's scale was .92 for males and .91 for females.

In a more recent study by Wright (1968a), this 30 item sociometric has been factor analyzed. The first factor, tentatively termed "task and perceptual effectiveness" explained 28% of the variance for females, and 27% for males, and 28% for both groups combined, in the rotated factor matrix. Three additional factors were extracted which were essentially

the same for both sexes but differing in the amount of variance each factor explained. These items and their factor groupings can be seen in Appendix A. These additional factors and the percent of matrix variance that was accounted for by each was as follows: perceive "openness" (14%=females, 12%=males, 13%=total), "self-actualization and autonomy" (21%=females, 12%=males, 19%=total), "commitment" (9%=females, 20%-males, 16%= total). A more recent study by Wright and Dunn (in press) replicated these findings and revealed that the four-factor structure is essentially stable and not appreciably affected by sex differences or membership in fraternities and sororities as compared to dorm students.

The ESD is the most recently developed measure of personal effectiveness. The ESD constitutes an extention of the PIRT, both in terms of its development and in that it is also a sociometric measure of perceived effectiveness. More research utilizing the ESD is needed since its validity studies have thus far not included independent criteria aside from its relationship to PIRT. The validity of the ESD now rests solely upon its correlation with the PIRT and its content or face validity. A factor study by Wright and Dunn (in press) has shown the ESD to be a more omnibus measure (four as opposed to one factor) than the PIRT which is available for researching the correlates and development of a phenomenon about which little is known, namely those characteristics which differentiate persons who are considered especially effective by their peers. As a more omnibus measure than the PIRT, it may well be

significantly related to more external criteria than the PIRT.

Personality Integration. Fitts' Personality Integration subscale (PI) is another positive mental health index that is in the form of a self report. The items were empirically derived from the Tennessee Self Concept Scale (TSCS). The PI scale consists of 25 items that originally differentiated a group of 75 people who were judged by a variety of criteria as higher in terms of level of adjustment or degree of personality integration. Data was collected from three different groups of people who comprise the total group of 75 persons in the original validation PI group (Fitts, 1968). The first of these subgroups was comprised of 12 people personally and intimately known by Fitts for several years who, in his subjective judgment, "represented individuals who were well above the average in terms of mental health and personality integration"(Fitts, 1968, p. 2). His use of this first subgroup of subjects represents the same type of circularity already mentioned concerning Maslow (1954), where the researcher's own values weigh heavily as criteria for nomination as being personally effective. The second subgroup consisted of 12 people who had been personally selected and trained as child care workers at a local psychiatric facility. The criteria for selection for these jobs were good personal mental health, emotional maturity and stability, warmth, patience, high frustration tolerance, etc. --in general, personal characteristics typical of good personality integration. They were selected on the basis of previous experience and training plus personal

interviews by three different persons including a psychiatrist. The third group of approximately 40 subjects were all trainees in the Peace Corps who had already been carefully screened and selected by persons other than Fitts. Each of the three groups showed similar patterns of response on the TSCS and were therefore all pooled to constitute the larger PI group.

Item responses to all TSCS items were analyzed for this group and compared with similar analyses for the norm group, three groups of psychiatric patients representing 100 psychotic diagnoses, 100 neurotics, and 100 personality disorders. Results were also available from another large patient group, the defensive positive or DP group, which was composed of people with established psychiatric diagnoses who still reported highly positive self concepts. The final items chosen for the PI scale were those in which the PI group gave a uniquely different pattern of response from all of these other groups. Response patterns for any given item were compared across these various groups using a Chi Square analysis. In contrast to the other empirical scales of the TSCS, where different groups showed different response trends on certain items (either a tendency to score higher or lower), the trends for the PI group were tendencies to five more specific responses to given items; e.g., sometimes responding in the "true" direction and sometimes within the "false" categories rather than scoring either consistently "true" or "false." This finding by Fitts (1965) of a different response

style of high personal effectiveness groups has been also noted by Wright (1965).

Fitts (1965) has also repeatedly shown that the PI group differed from the norm group in a direction opposite from that of patient groups on all subscales of the TSCS, including the General Maladjustment Scale, Psychosis Scale, Personality Disorder Scale, and Neurosis Scale. The reliability of the PI scale has been borne out by the test-retest method after 11 to 13 months duration and found to be .90 (Fitts, 1965).

In another validity study, Thomas (1968) has demonstrated that college students who are high in personality integration, as measured by the PI scale, perform significantly higher in terms of grade point average than other students with whom there is no difference in ability. This finding is similar to those obtained by Duncan (1966) and Seeman (1966), both of whom included intellectual efficiency as a validating criteria for the PIRT.

The PI scale not only differentiates groups nominated as especially effective from those considered low in personality integration and emotionally disturbed (Fitts, 1965) but also correlates significantly with other personality measures in predicted directions. McGee (1960) has shown that the PI correlates negatively or not significantly, using a psychiatric patient sample, with the ten pathology and four validity subscales of the MMPI. This would be expected since the MMPI is a measure of psychopathology. McGee has also reported that the PI scale correlates

significantly (r=. 48) with Barron's Ego Strength Scale, thus indicating that effectiveness, as measured by the Es scale, is significantly and positively correlated with the PI scale. Ashcraft and Fitts (1964) investigated the effects of psychotherapy as measured by the TSCS. The scale was administered to an experimental group consisting of 30 patients who had been in therapy for an average of six months and a no-therapy group of 24 persons who had been waiting for an average of six months. All subjects were measured on a test-retest basis. t-tests were used to test directional hypotheses for each TSCS variable. The therapy group changed significantly and in an "improved" direction on 17 of the 20 variables studied, while the control group changed on only two variables. The experimental group showed a significantly higher PI score from their pre-therapy PI score.

An investigation by Richard (1966) provides a unique instance in which Duncan's PIRT and Fitts' PI scales have been used in combination as a criterion measure of personality integration. Initially, Richard divided members of social fraternities into high, medium, and low personal effectiveness groups on the basis of the PIRT alone. The subjects were also administered the TSCS. Each subject was brought into the laboratory and took part in five separate interpersonal encounters with an experimenter while physiological measures of skin resistance, heart rate, and skin temperature were taken. Hypothesized group differences between high and low personality integration (as measured by the PIRT)

groups were not obtained on their physiological reactions to a stressful stimulus (pistol shot) and time taken to adapt or return to their original resting state (time to initial base level and time to return to basal after the experimental situations). When new high and low psychologically integrated groups were reconstituted on the basis of both peer ratings (PIRT) plus scores on the Personality Integration subscale of the TSCS, the high and low effectiveness groups differed in the predicted direction on 19 of the 28 subscales of the TSCS. The new reconstituted high group also showed less physiological reactivity (autonomic liability scores) during the experimental situations. These physiological data are interpreted as supporting Seeman's concept of organismic integration and Thetford's (1952) hypothesis that well adjusted subjects react less to stressful stimuli than maladjusted subjects.

A review of the relationship among Richard's (1966), Duncan's (1966), and Seeman's (1966) results is of special relevance for the present study because all indicate that there is a relationship between Duncan's PIRT and Fitts' PI scale even though there are no published reports of the PI and PIRT having been statistically correlated. The relationship may not be a strong one. A significant difference between high and low personality integration groups constituted on the basis of the PIRT has been obtained only by Seeman (1966) on the PI scale. Duncan (1966), using the PIRT as a criterion, found no significant differences on the PI scale, only a directional trend. Finally, Richard (1966) did not obtain even

directional results on the PI scale when the PIRT was used as the only basis for dividing high and low personality integration groups. However he did find significant differences on physiological measures and the other TSCS subscales (18 of 28) when he reconstituted the high and low groups on the basis of the PIRT in combination with the PI scale.

Thus, the results of Duncan's (1966) and Richard's (1966) investigations indicate that the relationship between the PI and the PIRT is probably smaller than might initially be expected. Richard's and Duncan's results are not as surprising when the differences in content of the scales are examined (see Appendix B). For example, the PI requires the responder to rate himself on a five-point scale from "completely true" to "completely false" on items such as "I treat my parents as well as I should" (Fitts, 1965, p. 3) which refers to a person's own behavior in connection to his family. In contrast, the third item of the PIRT asks the respondent to rate another group member in regard to that peer's perception, i. e., "who are three members in your group who seem best able to keep an open mind and not jump to premature conclusions" (Duncan, 1966, p. 517). Thus the actual behavior that is focused upon in many cases is markedly different between the PI and PIRT, and may well contribute to a lower relationship between the two scales. Secondly, the PI is a self report instrument whereas Duncan's PIRT is a sociometric device; some differences might be anticipated on this basis.

In sum, five indices for the specific purpose of measuring positive

mental health or personal effectiveness have been developed, validated, and found to be reliable. Although there are differences in content, form, and method of construction, all are within the domain of positive mental health. The Es scale purports to measure the basic "constructive forces within the personality." The PI scale was empirically derived from the TSCS and contains items relating to the manner in which a person sees and accepts himself and behaves in terms of adequacy in the personal, social, ethical, and physical spheres of functioning. The Es and PI are similar in that they both contain items relative to basic physical, personal, and social skills but differ inasmuch as the PI scale originated as, and is more strictly a measure of positive mental health per se. While promoting freedom from gross pathology, the PI's focus is not measuring the ability to cope with psychopathology as does the Es scale. Shostrom's Self Actualizing Value subscale has been found to be a measure of personal effectiveness and is unique in its reliance on Maslow's theory.

Duncan's (1966) PIRT and the Wright et al's (1968) Expanded Sociometric Device are highly related, and both measure overall perceived "effectiveness, and are sociometric devices in contrast to the Es, PI, and SAV scales which take the form of self reports. The Es, PI, and SAV have been employed as measures of progress in psychotherapy and to differentiate personal effective Ss from psychiatric patients and non-patients, while the PIRT and ESD have not been so utilized. The PI and Es scales have been shown to be related on one occasion (McGee, 1960)

and the PI and PIRT appear to be related to a lesser degree (Richard, 1966; Duncan, 1966; Seeman, 1966).

The major purpose of the present study is to empirically determine the interrelationships among the above five measures and the dimensionality of personal effectiveness. Both intercorrelation and factor analysis of the total scores of the five indices were employed. In addition, a factor analysis of the items of all the measures combined was utilized to determine if positive mental health, as measured by these instruments, consists of a single underlying quality (factor) or if many specific dimensions can be identified.

The present study also examined the stability of the correlations and factor structure for the effectiveness measures across sexes and between two groups of college students: those living in either dormitories or social fraternities and sororities. Although the restricted age and educational levels of the present sample does not effect the internal validity of this study since the interrelationship of the effectiveness measures is the primary concern, generalization of present results to other populations may be limited. This is because of the hazards which accompany attempts to generalize from college samples to other non-college groups. College students probably undergo personality elaboration and are coping with circumstances that are somewhat different from those of young children or middle aged adults, however, most of the research conducted within the area of positive mental health has employed college

students and only fraternities and sororities have been studied in most instances. In the present study a more representative sample of college students including both dorm students and "greeks" are utilized.

CHAPTER II

METHOD

Subjects

The Ss were 393 single, white students who attended a large, state-supported university in the Southwest. Ss who lived together in either a social fraternity or sorority or on a dormitory floor voted as a group to participate in the present study. It was necessary to acquire data from groups of Ss, since the sociometric devices included in the study require Ss to have extensive observation of one another. Of the 202 female subjects, 104 lived in dormitories and 98 were active members of social sororities. Among the 191 males, 92 resided in dormitories and 99 were members of social fraternities. Subjects ranged in age from 19 to 20 years with a mean age of 19.63 years for males and a mean age of 19.47 year for females. Thirteen groups, ranging in size from 23 to 37 members, with a mean group size of 32, participated in the research. Each fraternity (three), sorority (three), and dormitory floor (three female, four male) group was tested separately as an individual group. Any dorm floor, sorority, or fraternity not having 80 percent of its constituents present for the testing session was excluded, as it was felt that a

representation of less than 80 percent of the total group might produce something other than a random sample. For example, the group could be selective in favor of the more cooperative members, or members who are not involved in extracurricular activities, etc.

Instruments

Five measures of positive mental health or personal effectiveness were administered together as a battery in the following order: (I) Duncan's (1966) six-item Personality Integration Reputation Test (PIRT); (II) Thirty additional sociometric items recently developed and validated by Wright et al. (1968) constituting a lengthier version of the Duncan-type instrument, termed the Expanded Sociometric Device (ESD) for measuring personal effectiveness; (III) the short form (39 items) of the Barron Ego Strength Scale (Barron, 1956); (IV) the Personality Integration subscale (PI) of Fitts' (1965) Tennessee Self Concept Scale (25 items); and (V) the Self Actualizing Value (SAV) subscale of Shostrom's Personal Orientation Inventory (26 items). The entire test battery and instructions can be seen in Appendix B.

Procedure

The testing sessions for each of the 13 groups were monitored to insure that Ss would not talk to one another or observe other Ss' answers. Ss were encouraged to read the instructions to themselves as the experimenter read them aloud (see Appendix B).

Prior to analyzing the data, the PIRT scores and the 30 additional sociometric items (ESD) were corrected to allow for the number of respondents in each group, since raw scores for the Ss on these measures are affected by the number of other Ss in the particular rating group. Data was processed on the IBM computer. An IBM System/360 Scientific Subroutine Package (1967), which included correlation and varimax factor analysis subroutines, was used to analyze the data. The program was based on a principal component solution and varimax rotation of the factor matrix.

The principal component analysis was used to determine the minimum number of independent dimensions needed to account for most of the variance in the original set of variables. The varimax rotation was used to simplify factors rather than the variables of the factor matrix. Varimax rotation was chosen because it provides the most adequate statistical and conceptual solution in that the emphasis is on the purity of factors rather than variables. Thus factors extracted by the varimax method tend to be "invariant under changes in the composition of the test battery" (Kaiser, 1958). Kaiser (1958) points out that if the purpose of the analysis is to allow inferences about the dimensionability or basic structure of some psychological domain (positive mental health in the present study) on the basis of a sample of tests drawn from that domain, this invariance property is of the utmost importance.

Initially, it was planned that the six items of the PIRT plus each

individual item of the ESD, Es, PI, and SAV were to be treated as separate variables (126 variables in all) and factor analyzed for a more detailed estimation of the interrelationship of the five effectiveness measures. However, an unforeseen practical problem arose once the data was collected. The most readily available computer did not have the core memory storage capacity required to factor analyze 126 variables. The next step taken by E was to seek out other computer facilities which resulted in expensive, frustrating mistakes and underestimations of the time required for an out-of-state computer to execute the 126 variable factor analysis. It was finally determined that no computer, to which E had access, was capable of factoring the 126 variables. Therefore, appropriate methods were sought to reduce the number of variables while still enabling the study of the interrelationship among the measures with the least loss of information.

Since the Es, PI, and SAV scales had never been factor analyzed, there were no alternative methods of reducing these 90 items to a smaller number. However, Wright (1967) has factor analyzed the PIRT and found an extremely potent first factor which accounted for approximately 90 percent of the total variance associated with the intercorrelational matrix comprised of the six PIRT items. Wright and Dunn (in press) also factor analyzed the 30 item ESD and obtained groupings of items under four factors (see Appendix A). This finding of four factors in the ESD provided an acceptable means of reducing the number of sociometric variables and

thereby reducing the total number of variables to be factor analyzed.

It was thus decided to employ each subject's total score for the PIRT and scores of each of the four factors derived from the ESD. The reduction of the ESD variables was accomplished by obtaining a mean score of the particular items making up each of the four factors derived by Wright and Dunn (in press): Task and Perceptual Effectiveness, Self Actualization-Autonomy, Openness, and Commitment. These mean scores from the ESD were calculated for each subject and separately for males and females since Wright and Dunn (in press) found that the items within a given factor differed according to sex (see Appendix A). This procedure reduced the number of sociometric scores (PIRT from 6 to 1; ESD from 30 to 4).

The five reconstituted sociometric scores were then combined with the 90 self report items thereby reducing the total number of variables to be factored from 126 to 95. In sum, 95 variables which consisted of 39 Es, 25 PI, 26 SAV, 1 PIRT, and 4 ESD scores were subjected to a principal component factor analysis and varimax rotation. In addition, the total scores of the five instruments were intercorrelated and factor analyzed in order to determine the overall interrelationship and factor structure of the effectiveness measures.

CHAPTER III

RESULTS

An attempt was first made to determine the relationship among five indices of positive mental health and thereby to what extent the Es, PI, SAV, PIRT, and ESD measure the same aspects of personal effectiveness. Both intercorrelation and a principal component factor analysis were employed. The data from the total sample of 393 Ss was also analyzed according to sex and residency, in either a greek "house" (fraternity or sorority) or dormitory, in order to determine the stability of the relationship among measures across groups. Some further indications concerning the dimensionality of the domain of positive mental health (as measured) were also noted from a factor analysis of the 90 self report items (Es, PI, and SAV) plus the five sociometric variables consisting of the score of the PIRT and four components of the ESD (Task and Perceptaul Effectiveness, Self Actualization and Autonomy, Openness, and Commitment).

The statistical procedures employed in this investigation were those of the Pearson product moment correlations, followed by a principal component analysis and varimax rotation (Kaiser, 1958). R^2 was

employed to estimate communalities. The solution was obtained by rotating all factors with given values greater than 1.0. All computations for the present study were performed on an IBM computer using a modified program from the System/360 Scientific Subroutine Package (1967).

The intercorrelations of the five effectiveness measures for the total sample (N=393) are shown in Table 1. The most striking aspect was that the correlational coefficients, while all positive and statistically significant in six of the ten cases, are generally quite low. It should be noted that only one of the correlations was above the conventional significance level of .40. The correlational coefficient of +.85 between Duncan's Personality Integration Reputation Test (PIRT) and the Expanded Sociometric Device (ESD) was the one exception in which a strong relationship between measures was obtained. Otherwise, the five indices of positive mental health were not found to be highly related, especially among either of the sociometric devices (PIRT or ESD) and any of the self report measures (Es, PI, and SAV). Only two of the six intercorrelations between the sociometric indices and the self report measures were statistically significant. These two coefficients (r=.11 between the Es and PIRT; r=.10 between SAV and ESD) indicated that the relationships were quite small when the r's were squared to determine the amount of variance explained (approximately one percent).

No indications for a pervasive underlying quality or factor were provided by the intercorrelations of the total scores. All the correlations

Table 1

Intercorrelations of the Total Scores
of Five Effectiveness Measures
for the Total Sample (N=393)

Variable	1. Es	2. PI	3. SAV	4. PIRT	5. ESD
Es		.37**	.14**	.11*	.07
PI			.21**	.08	.09
SAV				.07	.10*
PIRT					.85***

* significant at .05 level
** significant at .01 level
*** significant at .001 level

were positive, but nine of the ten were low, even near zero in instances of the relationship between the self report and sociometric measures. The intercorrelations in Table 1 suggest that, if there is some trait common to effective behavior, it is of modest proportion since there are two distinct groupings of correlation coefficients firstly among the Es, PI, and SAV, and secondly between the PIRT and ESD.

Table 1 depicts the correlations obtained among the five effectiveness measures with the total sample, thus it serves as an overview. However, the stability of the relationship among the five measures can be seen in the separate analyses conducted according to sex and residence. The intercorrelations of the five indices for males (n=187), females (n=202),

greeks (n=197), and dorms (n=196) are shown in Table 2.

Again the three self report measures are more highly intercorrelated among themselves than with the two sociometric indices which obtained the highest and most significant intercorrelations with each other. The correlation between the Es and SAV for males (r=.10) and dorms (r=.09) are exceptions in that these are the only cases in which the statistically significant coefficients were not obtained among the self report measures. Nevertheless essentially the same correlational relationships were obtained for the males, females, greeks, and dorms as with the total sample seen in Table 1. That is, the self report measures correlated most highly with each other, there were a few small but statistically significant correlations between the self report measures and either the PIRT or the ESD (e.g., see Table 2, Es and PIRT for greeks) and the ESD and PIRT correlated very highly with each other.

Fisher-z transformations for testing the difference between the independent correlations (Bruning and Kintz, 1968) were conducted to compare each of the correlation coefficients of males with females, and dorm with greek samples shown in Table 2 in order to determine the stability of the relationship among the measures. Only in the case of the correlations between the ESD and PIRT were significant differences found. A z of 4.1 was obtained when the correlation coefficients for males (r=.90) and females (r=.78) were compared, indicating a difference which is significant beyond the .001 level. A comparison of dorms (r=.80) and greeks

Table 2

Intercorrelations of Scores of Five Effectiveness Measures for Males, Females, Greeks, and Dorms

Variable	1. Es	2. PI	3. SAV	4. PIRT	5. ESD
Es					
Male		.41**	.10	.05	.01
Female		.38**	.21**	.14*	.09
Greek		.40**	.23**	.17*	.17*
Dorm		.32**	.09	.03	-.04
PI					
Male			.22**	.13**	.13*
Female			.19**	.07	.09
Greek			.24**	.09	.11
Dorm			.23**	.05	.08
SAV					
Male				.09	.12
Female				.08	.10
Greek				.08	.15*
Dorm				.06	.03
PIRT					
Male					.90***
Female					.78***
Greek					.89***
Dorm					.80***

* significant at .05 level
** significant at .01 level
*** significant at .001 level

(r=.89) obtained a z of 3.2 which is also significant at the .001 level.

A further partitioning of the samples was performed since the samples shown in Table 2 always combine Ss, either across sex or across residence. For example, in Table 2, males refers to all male Ss residing in both dorms and fraternities combined. Thus the intercorrelations of the scores of the five effectiveness measures for male dorm (n=92), male greek (n=99), female dorm (n-104), and female greek (n=98) samples were obtained and are shown in Table 3. Generally the findings are the same as were seen in Tables 1 and 2. Among the self report measures, the intercorrelations were significant in every case except for the male-dorm sample between the Es and SAV (r=.01). The Fisher-z test was again utilized for assessing the stability of the relationship between the Es and SAV. All possible comparisons of the coefficients obtained between the Es and SAV were made. The only statistically significant difference obtained between groups for the relationship between the Es and SAV was between the male dorm sample (r=.01) and male greek sample (r=.26) with a z of 1.77 (significant at .05 level). Therefore, male greeks tend to score either higher or lower on both the Es and SAV significantly more often than did the male dorm sample which showed no such tendency.

The sociometric indices (PIRT and ESD) again obtained the highest intercorrelations with each other for the individual group samples seen in Table 3. It was noted earlier that males differed significantly from

Table 3

Intercorrelations of Scores of Five Effectiveness Measures for Male-Dorm, Male-Greek, Female-Dorm, and Female-Greek Samples

Variable	1. Es	2. PI	3. SAV	4. PIRT	5. ESD
Es					
Male-Dorm		.35**	.01	-.02	-.10
Male-Greek		.44**	.26**	.11	.14
Female-Dorm		.33**	.20*	.05	-.02
Female-Greek		.44**	.23**	.22**	.21
PI					
Male-Dorm			.25**	.15	.17
Male-Greek			.24**	.13	.16
Female-Dorm			.22*	.03	.09
Female-Greek			.20*	.08	.09
SAV					
Male-Dorm				.07	.06
Male-Greek				.10	.14
Female-Dorm				.08	.03
Female-Greek				.08	.17
PIRT					
Male-Dorm					.88***
Male-Greek					.92***
Female-Dorm					.73***
Female-Greek					.83***

* significant at .05 level
** significant at .01 level
*** significant at .001 level

females and that dorms differed significantly from greeks for the correlation coefficients between the PIRT and ESD. Comparisons of these corresponding relationships were made for the results shown in Table 3. The Fisher-z's obtained between male dorm (r=.88) and male greek (4=.92), female dorm (r=.73) and female greek (r=.83), and between female greek (r=.83) and male greek (r=.92) familed to reach statistical significance at the .05 level. Only the difference between the male dorms (r=.88) and female dorms (r=.73) was significant with a z of 3.2 which is significant at the .001 level. Thus the differences obtained among the correlation coefficients between the PIRT and ESD for the various groupings of the data are apparently related more to differences between the correlations for male and female dorm residents only, rather than overall sex differences. Only in the female greek sample were significant correlations obtained between any of the self report measures and either the PIRT or ESD (Es and PIRT, r=.22; Es and ESD, r=.21).

Scatter plots of the scores of the five indices were drawn for each sex and residence sample group in order to determine if curvelinear relationships might exist among the five measures, thus accounting for some of the generally low correlation coefficients obtained. Close inspection of the scatter plots failed to reveal any curvelinear relationship among any of the five measures. Special attention was paid to the scatter plots wherein the PIRT or ESD and the self report measures (Es, PI, SAV) were plotted as coordinates, because of the very low intercorrelations

obtained in all of these groups. For example, the correlation coefficients between the SAV and PIRT were consistently very low and ranged from +.07 in male dorm residents to +.10 among male greeks. The latter example was typical of the present findings and the scatter plots further confirmed the unrelatedness of the sociometric indices (PIRT and ESD) and the self report measures (Es, PI, and SAV) that was seen in the intercorrelations of the five measures.

In summary, the intercorrelation coefficients among the five effectiveness measures were low except between the PIRT and ESD even though significant in many cases. Scatter plots were drawn and curvelinearity was ruled out as an alternative explanation to the finding that the five indices of positive mental health are not highly related. The self report measures correlate more highly among themselves than with either of the sociometric devices (PIRT and ESD). The coefficients between the Es and PI, PI and SAV, and Es and SAV were statistically significant in every case except in the male dorm sample between the Es and SAV. The male greeks (r=.26) obtained a significantly different correlation coefficient than the male dorm (r=.01) between the Es and SAV. The relationship between the PIRT and the ESD was highly statistically significant (a=.001) in every case, with the male dorm's (r=.88) and female dorm's (r=.73) correlation coefficients differing significantly. Finally, the correlation coefficients between either the ESD or PIRT and any of the three self report measures were most often near zero and

statistically significant in only a few cases where groups were combined to produce larger samples. Exceptions occured in the cases of the Es and the PIRT, and the Es and ESD with the female greeks.

A principal component factor analysis of the total scores of five effectiveness measures was performed in order to verify the impression obtained from the intercorrelation tables (Tables 1, 2, and 3) that the present data did not reveal any evidence of a pervasive, underlying quality of positive mental health. Secondly, factor analysis was utilized to support the impression that the relationship obtained among the Es, PI, and SAV was distinct from the relationship among the PIRT and ESD. The rotated factor matrixes and percent of variance accounted for by each factor for the total sample and the female, male, dorm, and greek samples separately are shown in Table 4. The factorial picture of the total scores of five measures was essentially identical for all analyses of the data, i.e., two factors emerge: a first comprised of the sociometric measures (ESD and PIRT) and a second factor made up of the three self report measures (the Es, PI, and SAV). Factor I was termed "effectiveness stimulus value" since it was based upon perceived effectiveness as seen by peers. In addition, the factor loadings on Factor I for both the PIRT and ESD were very high and identical (e.g., .96 and .96 in total sample) and agree with Wright's (1967) analysis of the PIRT. Factor II was tentatively named "self affirmation of personal integration" since its most common element involved self report measures of positive mental health

(Es, PI, and SAV).

As can be seen in Table 4, the SAV scale obtained lower factor loadings with Factor II than either the Es or PI in all the samples thus indicating that the SAV scale is less related to Factor II. The extent of difference between Factors I and II is suggested firstly by the near zero factor loadings of the self report measures upon Factor I and of the sociometric scales on Factor II, and secondly in that Factor I accounted for slightly more variance than Factor II in every sample indicates the distinctiveness of the two factors as two independent dimensions.

Table 4

Loadings and Percentages of Variance Accounted for by Each Factor in Factor Analyses of Total Scores of the Five Effectiveness Measures

Sample	Total		Female		Male		Dorm		Greek	
Factor	I	II	I	II	I	II	I	II	I	II
Es	.04	.75	.07	.77	.07	.78	.06	.71	.12	.76
PI	.03	.79	.02	.77	.08	.82	.06	.80	.02	.79
SAV	.07	.55	.07	.58	.12	.48	.06	.55	.07	.61
PIRT	.96	.07	.94	.07	.97	.08	.95	.04	.97	.07
ESD	.96	.06	.94	.07	.97	.07	.95	.01	.96	.11
% of Variance explained by Factor	.36	30	36	31	38	30	36	29	38	32
Total	66		67		68		65		70	

It is not surprising that only two factors were extracted in the analysis of the total scores since the grouping of intercorrelations among self report indices was so obviously distinct from that between the sociometric measures. Secondly, the correlations between the self report and sociometric indices were very low, often near zero. None of the remaining unexplained variance consisted of factors that accounted for even one percent of variance.

A more detailed analysis of the data was conducted to further specify the interrelationship of the measures and elaborate personal effectiveness as measured by the five indices. A factor analysis, utilizing each of the 90 self report items from the Es (39), PI (25), and SAV (26 items) as variables and the total PIRT score (variable 91). Four additional variables were utilized based on the following four factors derived from the ESD by Wright and Dunn (in press): "Task and Perceptual Effectiveness" (Variable 92), "Self Actualization and Autonomy " (Variable 93), "Commitment" (Variable 94), "Openness" (Variable 95). As was noted earlier, the available computer did not have a large enough storage capacity to factor analyze all 126 items from the five indices as was originally planned. Thus a total of 95 variables were factor analyzed for the total sample (N=393): males (n=189), females (n=202), greeks (n=197), and dorms (n=196). The factors and variables making up each factor for these data groupings are shown in Table 5.

An item in Table 5 was placed within the factor on which its

Table 5

Factor Loadings and Factorial Location of 95 Effectiveness Variables[a]

	Item Content	Item Loading				
		Total	Females	Males	Dorm	Greek
	Factor I: "Optimism"					
90.	People are basically good. (SAV)	.76	.78	XXVII[b]	III	III
87.	I have had moments of intense happiness when I felt like I was experiencing a kind of ecstasy or bliss. (SAV)	.74	.74	III	III	III
89.	I can like people without having to approve of them. (SAV)	.67	.67	III	III	III
88.	People are both good and evil. (SAV)	.84	.80	III	III	III
77.	I enjoy detachment and privacy. (SAV)	.74	.78	XI	III	XI

[a]An item was placed within the factor on which its highest factor loading was obtained in the analysis of the total sample.

[b]Roman numerals indicate the particular factor on which a given item obtained the highest factor loading if other than the particular factor grouping found for the total sample.

(Table continued on next page)

Table 5 (Continued)

		Total	Females	Males	Dorm	Greek
85.	I like to withdraw temporarily from others. (SAV)	.69	.54	III	III	III
79.	It is better to be yourself. (SAV)	.91	.94	XX	III	XII
74.	Kindness and ruthlessness need not be opposites. (SAV)	-.48	-.49	XVII	XVII	VII
57.	I ought to get along better with other people. (PI)	-.54	-.62	XXVIII	VII	XXXII
56.	I treat my parents as well as I should. (PI)	-.41	-.53	XXVIII	XXXIV	XXXII
32.	I have had blank spells in which my activities were interrupted and I did not know what was going on around me. (Es)	.36	.53	XXVIII	XI	X
73.	For me, work and play are the same. (SAV)	-.54	-.55	XXIII	IV	XXXII
86.	I find some people who are stupid and uninteresting. (SAV)	.48	.38	XXXIII	XIII	III
70.	I live in terms of my wants, likes, dislikes, and values. (SAV)	.44	.50	XI	XXIX	XV
80.	I have had an experience where life seemed just perfect. (SAV)	.84	.83	XI[b]	XXI	XIII
82.	It is a good idea to think about your greatest potential. (SAV)	.88	.90	V	XXVI	XIII

Table 5 (Continued)

		Total	Females	Males	Dorm	Greek
81.	I am assertive and affirming. (SAV)	.74	.72	V	XXVI	XIV
84.	I am self-sufficient. (SAV)	.65	.61	XXXI	XIII	XIV
78.	I feel dedicated to my work. (SAV)	.61	.65	XXXI	XII	XIV
1.	I have a good appetite. (Es)	.59	.62	XXXVI	XXXI	XXXI
33.	I can be friendly with people who do things which I consider wrong. (Es)	.66	.71	XXXVI	XXXV	XVIII
83.	I am able to risk being myself. (SAV)	.86	.88	XX	XIV	XII
25.	I believe my sins are unpardonable. (Es)	.39	.42	II	XXIX	II
29.	I brood a great deal. (Es)	.41	.36	II	I	XXX
53.	I should have more sex appeal. (PI)	-.37	-.42	XXV	XXXVI	XXXIII
55.	I wish I didn't give up as easily as I do. (PI)	-.45	-.53	XVI	XX	V
58.	I often act like I am "all thumbs." (PI)	-.37	-.38	VII	I	XXIII
4.	I find it hard to keep my mind on a task or job. (Es)	-.39	XXVIII	XII	XXXII	XIV
12.	I am easily downed in an argument. (Es)	.59	.58	XXIV	XXI	XXXIV
22.	I feel weak all over much of the time. (Es)	.41	.44	XXV	XXI	VI

Table 5 (Continued)

	Total	Females	Males	Dorm	Greek
39. My plans have frequently seemed so full of difficulties that I have had to give them up. (Es)	.30	VIII	VIII	.34	VI
61. I have trouble doing the things that are right. (PI)	-.41	-.46	XXXV	XVIII	V
Factor II: "Effectiveness Stimulus Value"					
92. Task and Perceptual Effectiveness (ESD)	.93	-.92	I	-.92	I
91. Effectiveness Stimulus Value (PIRT)	.91	-.88	I	-.90	I
95. Openness (ESD)	.88	-.88	I	-.86	I
94. Commitment (ESD)	.84	-.81	I	-.82	I
93. Self Actualization and Autonomy (ESD)	.74	-.69	I	-.74	I
Factor III:					
9. I am in just as good physical health as most of my friends. (Es)	-.67	XVIII	XXII	I	XXIV
18. During the past few years I have been well most of the time. (Es)	-.49	XX	IV	VII	XVI

Table 5 (Continued)

	Total	Females	Males	Dorm	Greek
23. I have had no difficulty in keeping my balance in walking. (Es)	-.37	XIX	XXXV	I	IX
75. The truly spiritual man is sometimes sensual. (SAV)	.72	IV	-.52	.39	XIII
Factor IV:					
71. I believe that man is essentially good and can be trusted. (SAV)	.67	81	XXVII	XXV	XIII
76. I have no problem in fusing sex and love. (SAV).	62	45	VI	XXIX	X
Factor V:					
17. I like to cook. (Es)	-.42	VII	XXVI	XXII	XXXI
47. I ought to go to church more. (PI)	-.38	XIV	XVI	IV	XXXIV
60. I get along well with other people. (PI)	.72	XV	XIII	VII	XXXII
Factor VI:					
48. I am satisfied to be just what I am. (PI)	-.34	XIV	XXXVII	XX	XXXVI
49. I understand my family as well as I should. (PI)	-.73	XIV	XIII	XX	IX

Table 5 (Continued)

		Total	Females	Males	Dorm	Greek
	Factor VII:					
65.	I often make my decisions spontaneously. (SAV)	.68	I	V	V	VIII
68.	I trust the decisions I make spontaneously. (SAV)	.65	I	V	V	VIII
	Factor VIII:					
24.	I like to flirt. (Es)	.55	XXV	XXIV	XXXIII	XX
27.	I like to talk about sex. (Es)	.61	XXI	XV	XXVII	XXX
	Factor IX:					
2.	I have diarrhea once a month or more. (Es)	.40	VII	XXII	VI	XVII
30.	I dream frequently about things that are best kept to myself. (Es)	.53	X	XXIV	XXI	XXXIII
69.	I believe the pursuit of self-interest is not opposed to interest in others. (SAV)	-.64	XXIV	XX	XXX	XII
	Factor X:					
43.	I have a lot of self-control. (PI)	.76	XXI	XXXV	XII	XXVIII

Table 5 (Continued)

		Total	Females	Males	Dorm	Greek
	Factor XI:					
5.	I have had very peculiar and strange experiences. (Es)	.73	VI	XXIII	VI	XXIV
11.	Parts of my body often have feelings like burning, tingling, crawling, or like "going to sleep." (Es)	.26	I	VI	XV	VIII
15.	I have met problems so full of possibilities that I have been unable to make up my mind about them. (Es)	.40	VII	XII	XXX	XXVII
	Factor XII:					
66.	I live by values which are primarily based on my own feelings. (SAV)	-.71	III[b]	IX	XXIV	XXXIII
67.	My moral values are self determined. (SAV)	-.50	III	IX	XXIV	XXIX
	Factor XIII:					
38.	I feel unable to tell anyone all about myself. (Es)	.45	.37	XXVIII	XXVII	II
42.	I am not interested in what other people do. (PI)	.75	.84	XXI	XIX	XVIII

Table 5 (Continued)

		Total	Females	Males	Dorm	Greek
	Factor XIV:					
19.	I have never had a fainting spell. (Es)	.68	XXIX	XXVI	XXVI	VII
31.	My way of doing things is apt to be misunderstood by others. (Es)	.44	VI	VII	XXI	XXVI
	Factor XV:					
3.	At times I have fits of laughing and crying that I cannot control. (Es)	-.39	XXVII	VI	VI	XXVII
34.	If I were an artist I would like to draw flowers. (Es)	-.72	XXX	XXXVII	VI	IV
	Factor XVI:					
72.	I feel free to be myself and bear the consequences. (SAV)	-.75	XXII	XIII	XIV	XXXIV
	Factor XVII:					
21.	My hands have not become clumsy or awkward. (Es)	.29	XV	II	XIV	X
44.	I have a lot of self-control. (PI)	-.75	XXIII	XXIV	XVIII	XXVI
64.	I do not feel at ease with other people. (PI)	.78	XXV	XIII	XXXVII	XXXII

Table 5 (Continued)

		Total	Female	Males	Dorm	Greek
	Factor XVIII:					
7.	My sleep is fitful and disturbed. (Es)	.37	V	XXXI	XXV	XXII
62.	I change my mind a lot. (PI)	.78	XX	XXXII	X	V
	Factor XIX:					
8.	When I am with people I am bothered by hearing very queer things. (Es)	-.81	XII	XIV	XXXV	VI
10.	Everything is turning out just like the prophets of the Bible said it would. (Es)	-.32	XXIII	XV	IV	XXXII
	Factor XX:					
28.	I get mad easily and then get over it soon. (Es)	.75	XXXI	XIX	IX	VIII
	Factor XXI:					
41.	I am a calm and easy going person. (PI)	-.66	IX	XXXI	XVI	XXVI
52.	I don't feel as well as I should. (PI)	.41	V	XI	XXXII	XXV
63.	I try to run away from my problems. (PI)	-.33	V	VII	X	V

Table 5 (Continued)

		Total	Female	Males	Dorm	Greek
	Factor XXII:					
20.	When I get bored I like to stir up some excitement. (Es)	-.12	I	VII	XV	XX
	Factor XXIII:					
13.	I do many things which I regret afterwards (I regret things more or more often than others seem to). (Es)	.32	XV	XIV	I	VI
16.	Some people are so bossy that I feel like doing the opposite of what they request even though I know they are right. (Es)	-.72	XX	XXXII	XXXIII	XXVII
45.	I am hard to be friendly with. (PI)	.33	XI	XXIX	-.70	XXXV
	Factor XXIV:					
37.	When someone says silly or ignorant things about something I know about, I try to set him right. (Es)	.41	VIII	VIII	XX	II
59.	I give in to my parents. (PI)	.70	I	VII	VIII	XXIV
	Factor XXV:					
50.	I should trust my family more. (PI)	-.70	XXIII	X	XXVIII	XI

Table 5 (Continued)

		Total	Female	Males	Dorm	Greek
	Factor XXVI:					
26.	I frequently find myself worrying about something. (Es)	-.56	I	XIV	XI	VI
46.	I like my looks just the way they are. (PI)	-.52	I	VIII	XI	XXVIII
	Factor XXVII:					
40.	I am an attractive person. (PI)	.27	XVI	XXXIII	VII	XVIII
	Factor XXVIII:					
6.	I seldom worry about my health. (Es)	.32	XVIII	XIII	VI	XIX
36.	Often I cross the street in order not to meet someone I see. (Es)	-.70	-.29	VI	VI	X
	Factor XXIX:					
14.	I go to church almost every week. (Es)	.35	XVII	XVI	IV	IV
51.	I am as sociable as I want to be. (PI)	.42	XXIV	XVIII	XXXVI	XXXV
54.	I am not the person I would like to be. (PI)	.66	XIX	XXVI	VIII	XXXVI
	Factor XXX:					
35.	When I leave home I do not worry about whether the door is locked and the window closed. (Es)	-.77	XII	XXXIV	V	XXXIV

highest factor loading was obtained in the analysis of the total sample. The factor loadings are listed in Table 5 for the total sample and in those cases where a particular item was placed in the same factor in the males, females, dorms, or greeks as in the total sample. The Roman numerals in Table 5 indicate the particular factor upon which a particular item obtained its highest loading if other than that factor corresponding to the factor structure of the total sample. The complete rotated factor matrixes for the total sample as well as the male, female, dorm, and greek samples can be seen in Appendix C. The total percent of variance accounted for by the 30, 37, 31, 37, and 36 factors of the separate analyses for the total sample, males only, females only, dorms only, and greeks was 65%, 70%, 73%, 73% and 71% respectively. It is important to note that additional factors could have been extracted if factors which account for less than 1% of variance could have been extracted since undoubtedly not all the remaining 30 to 35% of variance was error variance. The percent of variance accounted for by each factor for all samples can be seen in Table 6.

The larger factor analysis confirmed the findings of the earlier analyses. Firstly, positive mental health as analized in this study, is a complex and multidimensional domain rather than containing a large general factor. A large number of factors were obtained: 30 for the total sample and as many as 37 factors for one dormitory sample. The fact that this many factors extracted with only approximated two-thirds of the

Table 6

Percent of Variance Accounted for by Each of the Factors Extracted from the Female, Male, Dorm, Greek and Total Samples

Factor	Percent of Variance				
	Total	Female	Male	Dorm	Greek
I	14.02	20.09	5.00	3.22	6.10
II	4.38	5.35	3.00	6.01	3.20
III	1.74	2.23	3.50	5.83	5.90
IV	2.38	2.78	2.14	2.01	2.12
V	1.58	2.30	2.06	2.12	2.09
VI	1.55	2.20	1.93	2.24	2.31
VII	2.03	1.79	1.95	2.06	1.80
VIII	1.86	1.92	1.67	1.84	1.89
IX	1.63	1.93	1.84	1.71	1.51
X	1.54	2.22	1.90	1.80	1.82
XI	1.84	2.03	1.16	1.51	1.78
XII	1.67	2.04	1.80	1.63	2.01
XIII	1.50	2.00	1.86	1.98	2.06
XIV	1.54	2.68	2.22	1.92	1.43
XV	1.65	2.20	1.71	1.53	1.42
XVI	1.54	2.14	1.96	1.62	1.61
XVII	1.46	2.05	1.69	1.78	1.52
XVIII	1.66	2.15	1.49	1.68	1.53

(Table continued on next page)

Table 6 (Continued)

Percent of Variance Accounted for by Each of the Factors Extracted from the Female, Male, Dorm, Greek, and Total Samples

Factor	Percent of Variance				
	Total	Female	Male	Dorm	Greek
XIX	1.53	2.14	1.69	1.45	1.62
XX	1.41	2.35	1.00	1.71	1.31
XXI	1.66	2.05	1.61	1.51	1.98
XXII	1.55	2.34	1.65	1.71	1.68
XXIII	1.51	2.34	1.63	1.52	1.32
XXIV	1.94	2.03	1.75	1.75	1.71
XXV	1.94	2.09	1.82	1.68	1.54
XXVI	1.68	2.01	1.78	1.82	1.73
XXVII	1.67	2.05	2.02	1.72	1.78
XXVIII	1.68	1.94	1.88	1.75	1.62
XXIX	1.71	2.12	1.71	1.54	1.61
XXX	1.37	1.78	1.55	1.68	1.61
XXXI		1.06	1.79	1.76	1.82
XXXII			1.56	1.48	1.91
XXXIII			1.57	1.81	1.53
XXXIV			1.77	1.88	1.61
XXXV			1.77	1.91	1.89
XXXVI			1.70	1.68	1.92
XXXVII			1.74	1.97	

total variance accounted for in each case further confirmed that the measures of positive mental health used are fairly independent measures and are not highly related, for if these measures were highly related fewer independent factors would be expected. Secondly, the small degree of relatedness among the indices was also seen in that at least half of the factors extracted from the analysis of each sample contained items exclusively from only one of the three self report measures. For example, 16 of the 30 factors for the total sample contained items purely from either the Es (3), PI (4), or SAV (4). In the case of the other data groupings, 20 factors of 31 factors obtained for females, 21 of 37 (males), 22 of 37 (dorm), and 23 of 36 (greeks) contained items from only one of the three self report scales rather than consisting of items from different measures.

Thirdly, the sociometric variables (91-95) from the ESD and PIRT were again highly related to each other and constituted a separate factor (Factor II) independent of the first 90 variables which are made up of the self report items from the Es, PI, and SAV. This independence of the sociometric variables from self report measures is consistent across both sex and residency and can be seen in Factor II in Table 5. This factor's content changes for males and greeks but the content is identical in every breakdown of the data according to subgroups and in the total sample. The amount of variance accounted for by this second (sociometric) factor for the total sample, and the males, females, dorms,

and greeks was 4.38, 5.00, 5.35, 6.01, and 6.10 percent respectively. It is important to note this variance represents additional variance explained in addition to that explained by the first factor.

Factor II contained all of the sociometric variables and was named "Effectiveness Stimuli Value" as was done in the earlier analysis of the PIRT (Wright, 1967). The high degree of relationship between the ESD and PIRT is again emphasized. As can be seen in Table 5, Factor II is very homogeneous in that all five of the sociometric variables therein had high factor loadings. The highest loadings were on "Task and Perceptual Effectiveness," followed by the PIRT, "Openness," "Commitment," and "Self Actualization and Autonomy" in that order for all groupings of that data.

Examination of Factor I in Table 5 indicated something of the nature of personal effectiveness as measured by the Es, PI, and SAV scales and the "Self Affirmation of Personal Effectiveness" factor based on the intercorrelation of totals of the self report measures in the earlier analysis. Factor I for the total sample and females accounted for the largest percent of variance in larger analysis, 14.02 and 20.09 percent respectively. Factor I is also an example of where the most overlap or relatedness among the self report measures occured. The highest factor loadings were generally obtained by the SAV items (17), followed by the 9 Es items and 6 PI items. Factor I was labeled "Optimism" since the items with the highest loadings were related to hopefulness (e.g.,

number 82: "It is a good idea to think about your greatest potential." It also includes elements of confidence (e.g., number 83: "I am able to risk being myself") and assertiveness (e.g., number 82: "I am assertive and affirming.") Other variables included in Factor I, and compatible with the designation of "optimism," were dedication (see items 73 and 78) and the ability to concentrate (see items 4, 32, and 29).

The extent of stability of the factor structure across groups and of Factor I ("Optimism") in particular can be seen by close examination of Table 5. Generally, except for Factor I and Factor II ("Effectiveness Stimulus Value"), the structure varies markedly depending upon the sample inspected. That is, there is considerable scattering of items; for instance, an item which is part of one factor in the total sample may constitute a factor alone in the dorm sample. A much larger sample size would have been required to analyze sex and residence separately, e.g., only male dorm, as was done with the earlier analysis of the total scores of the five indices, since in the larger factor analysis 95 variable were utilized and there were only 92 subjects in the male dorm sample.

Although the analysis of the males, dorms, and greeks did not yield any factors comparable in size to the number of items contained in Factor I for the total and female samples, it was evident that generally groups of the same items as are in Factor I were within the same factors together. For example, reading down the column with Factor I in Table 5, the SAV items 85, 87, 88, and 89 were within the same factor(Factor

III) for the males, dorms, and greeks. More factors were obtained among the males whose data yielded 37 factors, six more than the females, suggesting that the relationship among self report items for the males may be less than females and more differentiated in the sense of smaller sets of items made up this factor for the males. The implication accepted was that personal effectiveness as measured by the Es, PI, and SAV may be slightly more complex for males than females. Greeks and dorms were judged to be more alike than different in regard to the distinctiveness of effectiveness aspects measured by the self report indices since they obtained 37 and 36 factors respectively. Factor III for males, dorms, and greeks was interpreted as related to Factor I ("Optimism") of the total and female samples as already mentioned.

Only Factors I and II were considered distinct and stable since the percent of variance attributed to the remaining factors was very small, generally less than two percent. This stabilizing or leveling off of the percent of variance accounted for by each factor can be seen in Table 6 beginning with Factor III and IV and continuing throughout the remaining factors for all samples. In view of the small percent of variance mentioned above, the unstable nature of the items within the remaining factors, and low related intercorrelation of items within these factors, it was assumed that the remaining factors did not warrant interpretation.

CHAPTER IV

DISCUSSION

The present findings indicate that whether one is judged to be personally effective depends to a large extent upon which inventory of personal effectiveness is employed. Low to moderately low correlations were obtained among the measures utilized in this study. The present results did yield a small first factor composed of items from the Es, PI, and SAV which was virtually unrelated to a second factor composed of items from the sociometric indices (PIRT and ESD). The larger factor analysis yielded between 30 and 37 factors in various samples and a great deal of scattering of items among factors. However, the results do indicate that if a person is judged to be personally effective by his peers when the PIRT is utilized, then he will probably be rated likewise on the ESD. Very high correlation coefficients were obtained between these two sociometric measures. This high relationship is not surprising since the ESD was designed to be an elaboration on the PIRT and part of the validation procedure for the ESD was to correlate it with the PIRT (Wright, Bond, and Denison, 1968).

Even though positive and statistically significant correlations were

obtained among the Es, PI, and SAV in almost every sample, the correlations were modest, indicating the basic unrelatedness among them. Only the Es and PI had been correlated in prior research, in which McGee (1960) obtained an r of .48 with 102 hospitalized psychiatric patients. The present study obtained correlation coefficients between the Es and the PI ranging from .33 (dorms) to .44 (female-greeks) and an .37 with the total sample. The difference between the .33 correlation in this study and the .48 obtained by McGee (1960) was not found to be statistically significant.

The self report measures were found to be more highly related to one another than to the sociometric devices on which near zero correlations were most often obtained between either the PIRT or ESD and the Es or PI or SAV. Evidence for the large degree of difference between the self report and sociometric measures was also seen in the factor analysis wherein neither total scores nor individual items (from the self report indices and sociometric measures) were both within the same factors. For example, the factor loadings of self report measures were near zero in the factor in which all sociometric measures were located in every breakdown of the data. These findings probably stem from the fact that the content and form of the PIRT and ESD are very different from that of the self report measures. Thus, there was generally not a direct contradiction between what people say about themselves and how others describe them since the content of the self report differs from

that of the sociometric measures.

Little evidence for an underlying quality of personal effectiveness as measured by these five indices was found in the present study. Although the correlation coefficients were positive in almost every sample among the five measures, many were quite low and there was virtually no overlap between the three self report and the two sociometric measures. Strong evidence of a pervasive interrelationship among the measures was not found that would suggest a general personality pattern or syndrome of personal effectiveness.

Firstly, the "effectiveness stimuli value" factor made up exclusively from the PIRT and ESD in both the factor analyses of the total scores and the larger factor analysis of the 90 self report items and the five sociometric variables. Secondly, the "self affirmation of personal effectiveness" factor that resulted from the factor analysis of the total scores of measures and was made up exclusively of the Es, PI, and SAV. It became apparent in the factor analysis of the items of the self report measures combined that this general factor was actually composed of one interpretable factor (optimism) and 29 to 36 additional factors within the four subsamples. Only 70 percent of matrix variance was explained by the 30 to 37 factors extracted. It is highly likely that if the percent

of variance a factor could explain had not been limited to at least one percent, there would have been even more factors extracted. The "optimism" factor was the only consistent factor made up from self report items which was interpretable in terms of a notable percent of variance being explained and inspection of the correlational tables made up individual items. The intercorrelation of the items within the factors other than the optimism factor were quite low and the item groupings within factors were not stable enough to warrant interpretation.

"Optimism" was found to be a component of positive mental health as measured by the self report indices in the larger factor analysis. Optimism based on self affirmation of items relating to hopefulness, assertiveness, confidence in one's abilities, and self determination is consistent with both common sense and formal theoretical development within the domain of mental health and specifically in regard to positive mental health or personal effectiveness (Maslow, 1954; Barron, 1954; Jahoda, 1958). Barron described his personally effective graduate students as maintaining a "sense of the ultimate worthwhileness of their lives" (Barron, 1954, p. 21). Thus the fact that optimism was found to be a component of personal effectiveness as measured by the Es, PI, and SAV is consistent with

the literature and suggests that optimism is a basic quality of positive mental health as measured by the self report indices. Optimism as assessed in the present study was a stable finding across sex and residency affiliation. The same items which made up the optimism factor in the total sample and female sample were generally together among the males, dorms, and greeks.

The small extent of overlap as seen in the few exceptions of significant correlations between the Es or PI or SAV and either the PIRT or the ESD further indicated that there was not a contradiction between what a person says about himself and what others say about him in regard to personal effectiveness. The small but significant correlations obtained, e.g., SAV and ESD for the total sample: r of .10 (alpha =.05), may stem in part from a small degree of similar content, i.e., self-actualization and autonomy are in both ESD and SAV. Only in regard to self-actualization was the content of a self report measure (i.e., SAV) and a sociometric measure (i.e., ESD) similar. The low correlation between the SAV and either the PIRT or ESD possibly results from the fact that the content of only one of the six items of the PIRT and five of the 30 ESD items specifically mention self-actualizing characteristics.

It may well be that self-actualization as measured by the SAV,

PIRT, ESD and as derived from Maslow's (1954) theory, is not as highly related to other aspects of positive mental health as conceptualized and measured by other workers in the field. Two findings support this contention. First, the "self-actualizing and autonomy" component of the ESD obtained the lowest factor loadings (.74) across all groups on the "effectiveness stimulus value" factor. This factor consisted of the total score of the PIRT and three additional components of the ESD: ("task and perceptual effectiveness" (.93), the PIRT (.93), "openness" (.88), and "commitment" (.84). Secondly, the SAV was least related to the "self affirmation of personal effectiveness" factor as evidenced by the lowest factor loadings (Es = .75, PI = .79, SAV = .55).

It will be recalled that the results of Duncan's (1966) and Richard's (1966) studies suggested that the PI and PIRT were not highly related. This impression was confirmed in the present study. The correlations between the PI and PIRT were quite low in all nine partitionings of the sample and significant in only one case, i.e., males, an r of .13 (alpha = .05). This small degree of relatedness between the PIRT and PI is consistent with earlier comments emphasizing the differences in overall content of these two scales and

especially when the PIRT's exclusive focus on personal effectiveness per se is contrasted with the references in the PI to psychopathology.

To what extent the present findings can be generalized is difficult to determine since there are limitations beyond the restricted sample used. Jahoda has pointed out that the definition and relationship of the aspects of positive mental health "vary with time, place, culture, and expectations of social group" (Jahoda, 1958, p. xi). In addition, "a social environment or culture may be conducive either to sickness or health: (Jahoda, 1958, p. x). Smith has also offered comments relevant to the generalizability of positive mental health studies and specifically in regard to the interrelationship of indices of personal effectiveness. The rather small relationship among the five measures employed in the present study may well relate to the particular environment in which the subjects live. More generally, however, in regard to the whole question of interrelationship among positive mental health measures, the small relationship among the present indices is consistent with Smith's suggestion in the following quote that the use of several measures is both useful and meaningful because

> ...it recognizes the possibility that, in the life situations most people face, optimal functioning in terms of one criterion is likely to be attained only at the cost of some limitation in other respects. Put differently, reality enforces a choice of values. At the unfavorable extreme (one thinks of the concentration camp), it seems clear that people cannot at once be adjusted

> and integrated and accurate in their grasp of the presenting reality (Smith, 1959).

In the same article, he has suggested that one can evaluate human environments in terms of their compatibility with different types of optimal functioning.

Finally, there are a few possibilities for further research into the study of personal effectiveness. First, the large number of factors extracted in the present study and the number of "test pure" factors in terms of items suggest that the present self report measures are themselves quite heterogeneous. The Es, PI, and SAV have never been individually factor analyzed and such a study would be worthwhile in clarifying these measures and reducing redundancies of measurement. Second, the "optimism" factor obtained in the present study suggests that a new scale comprised of the relevant items could be further refined and employed by investigators of effectiveness. Third, studies employing several criteria measures need to be conducted for purposes of improving the definition of personal effectiveness. The determining of the relationship of effectiveness scores to environmental factors is needed. Once such studies have been conducted, investigation of the development of positive mental health and ways it can be fostered can proceed.

CHAPTER V

SUMMARY AND CONCLUSIONS

The major purpose of the present study was to determine the interrelationship among five measures of personal effectiveness and if a single underlying quality or dimension was present. Both intercorrelation and factor analysis of the total scores and the individual items of the Es, PI, SAV, and components of the PIRT and ESD combined were employed.

No evidence of a pervasive general factor was obtained. The self report measures (Es, PI, and SAV) were found to constitute from 29 to 36 individual factors, depending on the sample analized which were independent from a sociometric factor consisting of the PIRT and ESD. This sociometric factor was termed "effectiveness stimulus value" following Wright (1967) and it was concluded that the PIRT and ESD measure essentially the same aspects of personal effectiveness just as Wright et al. (1968a) had intended in their development of the ESD. Effectiveness for males was judged to be more complex than for females.

One factor, "optimism," was found to be relatively consistent across groups and to constitute the only interpretable factor based on

the 90 self report items. "Optimism" was considered a basic component of personal effectiveness as measured by the self report measures and it is consistent with both common sense and the theoretical works of Maslow (1954), Barron (1956), and others.

The marked independence of the self report measures from the sociometric indices was interpreted as resulting from differences in scale content, especially in reference to psychopathology, rather than indicating that the manner in which a person describes his own effectiveness is contradicted by his peers. The few cases of statistically significant, but low, correlations between either the PIRT or ESD and either the PI, or Es, or SAV was interpreted as relating to similarities in content, e. g., self-actualizing behavior as referred to in both the SAV and ESD.

Two findings led the present author to conclude that self-actualizing behavior as measured by the SAV, ESD, and as derived from Maslow's theory for these indices is not highly related to other aspects of personal effectiveness as measured and conceived by other investigators. These findings were that the SAV generally related less to the factors based on the self report indices and that the "self-actualization and autonomy" component of the ESD obtained the lowest factor loadings on the sociometric factor.

The lack of a high relationship among measures of personal effectiveness was related to Smith's (1959) contention that particular

environments reinforce certain aspects of positive mental health. Consequently a person's development of one aspect of personal effectiveness may be related to less development of another aspect. Finally, suggestions for further research were made.

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APPENDIX A

ESD VARIABLES

ESD Variables 92, 93, 94, and 95 according to groupings of items under the four factors extracted by Wright (1969).

Variable 92 Task and Perceptual Effectiveness*

1. whose emotions (fear, anger, love, guilt, etc.) do not hamper their ability to handle situations well?

14. best able to find satisfactory ways of handling most situations which arise?

19. who tend to perceive things as they really are, rather than in an extreme or distorted fashion?

24. best able to assume the responsibilities which accompany adulthood?

26. who usually try to get to the bottom of a difficulty rather than avoid it?

27. who have the best capacity for being a good leader?

28. who attack a problem directly rather than indirectly?

29. who are most adequate to judge when to conform and when to exert their own individuality?

Items within Variable 92 that are unique to males:

6. who can best employ a variety of methods for obtaining a desired result?

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*The mean score of each subject on each variable was employed in the present study.

20. who try to understand fully the viewpoint of others?

22. best able to objectively evaluate the world around them?

23. who are best able to perceive a situation from another person's point of view?

Items within Variable 92 that are unique to females:

3. who have the most clear impression of who they are, where they are going and what they are becoming?

10. who feel long range goals are very important?

25. who continue working on a task until it is completed?

30. who have the right amount of criticism toward themselves and their work?

Variable 93 Self Actualization and Autonomy

5. who enjoy participating in a wide variety of experiences?

7. who are most frequently involved in interesting activities and tend to lose all sense of time?

15. who seem best able to act independently or even disagree with others without feeling rejected or even uncomfortable?

17. who feel their actions are determined much more by themselves than by external forces or circumstances?

18. who are most aware of their motives for conforming or rebelling?

Items within Variable 93 that are unique to females:

4. who tend to accept themselves the way they are?

6. who can best employ a variety of methods for obtaining a desired result?

9. who seem to have friends whose weaknesses and strengths their friends accept?

12. who feel life has meaning and purpose?

22. best able to objectively evaluate the world around them?

Variable 94 Committment

11. who are making the best use of their abilities?

16. who most often forego immediate pleasure in the interest of more remote rewards?

Items within Variable 94 that are unique to males:

3. who have the most clear impression of who they are, where they are going and what they are becoming?

10. who feel long range goals are very important?

12. who feel life has meaning and purpose?

13. who believe the set of human values they have acquired are helpful to them?

25. who continue working on a task until it is completed?

30. who have the right amount of criticism toward themselves and their work?

Variable 95 Openness

2. who tend to perceive themselves as they really are rather than in an extreme or distorted fashion?

4. who tend to accept themselves the way they are?

8. who have close friends whose beliefs are different from their own?

21. who seek evidence regarding their beliefs, and can change them according to the evidence they find?

Items within Variable 95 that are unique to females:

13. who believe the set of human values they have acquired are helpful to them?

20. who try to understand fully the viewpoint of others?

23. who are best able to perceive a situation from another person's point of view?

Item within Variable 95 that is unique to males:

9. who seem to have friends whose weaknesses and strengths their friends accept?

APPENDIX B

TEST BATTERY

Instructions

Answer the following 36 questions with the names of three members of your (dorm) (fraternity) (sorority). Do not use your own name. Do not use the name of anyone who is not a member of your (dorm) (fraternity) (sorority) and who is not here in the room also filling out the questions. Do not sign your name to this sheet, since this is a research project and we are not interested in knowing how members rate each other. You must provide only three names under each question. A person's name can be mentioned more than once provided it is on a <u>different</u> question and that no one is mentioned twice on the same question.

In making your decisions about whom you will nominate for each question, try to think back and recall actual instances when the person displayed the described behavior. These questions are not trying to discover the most popular members of your (dorm) (fraternity) (sorority), so try to eliminate that concept in making your decisions. Remember you are to fill in three names after each question. Use ONLY the names of people who are <u>here</u> participating in this research study.

TEST I

(PERSONALITY INTEGRATION REPUTATION TEST)

1. Who are the three persons in your (dorm) (fraternity) (sorority) who seem best able to express their feelings without hurting the feelings of others?

2. In your opinion who are the three persons in your (dorm) (fraternity) (sorority) who seem to understand themselves best; that is, are aware of their shortcomings and strengths?

3. Who are the ones in your (dorm) (fraternity) (sorority) who seem best able to keep an open mind and not jump to premature conclusions?

4. Who are the three persons in your (dorm) (fraternity) (sorority) who seem the most able to deal effectively with everyday tensions and anxieties?

5. Which three persons in your (dorm) (fraternity) (sorority) seem capable of forming deeper and more profound relationships with others and seem to be genuinely concerned with other people?

6. Which three persons in your (dorm) (fraternity) (sorority) seem to you to have been the most successful in all phases of their life: social, personal, educational, etc. ?

TEST II

(EXPANDED SOCIOMETRIC DEVICE)

7. Who are the three persons in your (dorm) (fraternity) (sorority) whose emotions (fear, anger, love, guilt, etc.) do not hamper their ability to handle situations well?

8. Who are the three persons in your (dorm) (fraternity) (sorority) who tend to perceive themselves as they really are rather than in an extreme or distorted fashion?

9. Who are the three persons in your (dorm) (fraternity) (sorority) who have the most clear impression of who they are, where they are going and what they are becoming?

10. Who are the three persons in your (dorm) (fraternity) (sorority) who tend to accept themselves the way they are?

11. Who are the three people in your (dorm) (fraternity) (sorority) who enjoy participating in a wide variety of experiences?

12. Who are the three persons in your (dorm) (fraternity) (sorority) who can best employ a variety of methods for obtaining a desired result?

13. Who are the three persons in your (dorm) (fraternity) (sorority) who are most frequently involved in interesting activities and tend to lose all sense of time?

14. Who are the three persons in your (dorm) (fraternity) (sorority) who have close friends whose beliefs are different from their own?

15. Who are the three persons in your (dorm) (fraternity) (sorority) who seem to have friends whose weaknesses and strengths their friends accept?

16. Who are the three persons in your (dorm) (fraternity) (sorority) who feel long range goals are very important?

17. Who are the three persons in your (dorm) (fraternity) (sorority) who are making the best use of their abilities?

18. Who are the three persons in your (dorm) (fraternity) (sorority) who feel life has meaning and purpose?

19. Who are the three persons in your (dorm) (fraternity) (sorority) who believe the set of human values they have acquired are helpful to them?

20. Who are the three persons in your (dorm) (fraternity) (sorority) best able to find satisfactory ways of handling most situations which arise?

21. Who are the three persons in your (dorm) (fraternity) (sorority) who seem best able to act independently or even disagree with others without feeling rejected or even uncomfortable?

22. Who are the three persons in your (dorm) (fraternity) (sorority) who most often forego immediate pleasure in the interest of more remote rewards?

23. Who are the three persons in your (dorm) (fraternity) (sorority) who feel their actions are determined much more by themselves than by external forces or circumstances?

24. Who are the three persons in your (dorm) (fraternity) (sorority) who are most aware of their motives for conforming or rebelling?

25. Who are the three persons in your (dorm) (fraternity) (sorority) who tend to perceive things as they really are, rather than in an extreme or distorted fashion?

26. Who are the three persons in your (dorm) (fraternity) (sorority) who try to understand fully the viewpoint of others?

27. Who are the three persons in your (dorm) (fraternity) (sorority) who seek evidence regarding their beliefs, and can change them according to the evidence they find?

28. Who are the three persons in your (dorm) (fraternity) (sorority) best able to objectively evaluate the world around them?

29. Who are the three persons in your (dorm) (fraternity) (sorority) who are best able to perceive a situation from another person's point of view?

30. Who are the three persons in your (dorm) (fraternity) (sorority) best able to assume the responsibilities which accompany adulthood?

31. Who are the three persons in your (dorm) (fraternity) (sorority) who continue working on a task until it is completed?

32. Who are the three persons in your (dorm) (fraternity) (sorority) who usually try to get to the bottom of a difficulty rather than avoid it?

33. Who are the three persons in your (dorm) (fraternity) (sorority) who have the best capacity for being a good leader?

34. Who are the three persons in your (dorm) (fraternity) (sorority) who attack a problem directly rather than indirectly?

35. Who are the three persons in your (dorm) (fraternity) (sorority) who are most adequate to judge when to conform and when to exert their own individuality?

36. Who are the three persons in your (dorm) (fraternity) (sorority) who have the right amount of criticism toward themselves and their work?

TEST III

(BARRON'S EGO STRENGTH SCALE)

This first section of the inventory consists of numbered statements. Read each statement and decide whether it is true as applied to you or

false as applied to you. If a statement is TRUE or MOSTLY TRUE, as applied to you, blacken between the lines in the column headed "1". If a statement is FALSE or NOT USUALLY TRUE, as applied to you, blacken between the lines in the column headed "2". (Thus "1" = TRUE; "2"= FALSE.)

Remember to give YOUR OWN opinion of yourself. Do not leave any blank spaces. In marking your answers on the answer sheet, be sure that the number of the statement agrees with the number on the answer sheet. Make your marks heavy and black. Erase completely any answer you wish to change. Do not make any marks on this booklet.

Before you begin the inventory, be sure to put your name, your sex, your age, and the other information called for in the space provided on the answer sheet.

1. I have a good appetite.

2. I have diarrhea once a month or more.

3. At times I have fits of laughing and crying that I cannot control.

4. I find it hard to keep my mind on a task or job.

5. I have had very peculiar and strange experiences.

6. I seldom worry about my health.

7. My sleep is fitful and disturbed.

8. When I am with people I am bothered by hearing very queer things.

9. I am in just as good physical health as most of my friends.

10. Everything is turning out just like the prophets of the Bible said it would.

11. Parts of my body often have feelings like burning, tingling, crawling, or like "going to sleep."

12. I am easily downed in an argument.

13. I do many things which I regret afterwards (I regret things more or more often than others seem to).

14. I go to church almost every week.

15. I have met problems so full of possibilities that I have been unable to make up my mind about them.

16. Some people are so bossy that I feel like doing the opposite of what they request, even though I know they are right.

17. I like to cook.

18. During the past few years I have been well most of the time.

19. I have never had a fainting spell.

20. When I get bored I like to stir up some excitement.

21. My hands have not become clumsy or awkward.

22. I feel weak all over much of the time.

23. I have had no difficulty in keeping my balance in walking.

24. I like to flirt.

25. I believe my sins are unpardonable.

26. I frequently find myself worrying about something.

27. I like to talk about sex.

28. I get mad easily and then get over it soon.

29. I brood a great deal.

30. I dream frequently about things that are best kept to myself.

31. My way of doing things is apt to be misunderstood by others.

32. I have had blank spells in which my activities were interrupted and I did not know what was going on around me.

33. I can be friendly with people who do things which I consider wrong.

34. If I were an artist I would like to draw flowers.

35. When I leave home I do not worry about whether the door is locked and the windows closed.

36. Often I cross the street in order not to meet someone I see.

37. When someone says silly or ignorant things about something I know about, I try to set him right.

38. I feel unable to tell anyone all about myself.

39. My plans have frequently seemed so full of difficulties that I have had to give them up.

TEST IV

(PERSONALITY INTEGRATION SCALE)

The following statements are to help you describe yourself as you see yourself. Please respond to them as if you were describing yourself to yourself. Do not omit any item. Read each statement carefully; then select one of the five responses listed below. On your answer sheet, mark the column of the response you chose.

Write only on the answer sheet. Do not put any marks on this booklet.

Completely false	Mostly false	Partly false and partly true	Mostly true	Completely true
1	2	3	4	5

40. I am an attractive person.

41. I am a calm and easy going person.

42. I am not interested in what other people do.

43. I am a religious person.

44. I have a lot of self-control.

45. I am hard to be friendly with.

46. I like my looks just the way they are.

47. I ought to go to church more.

48. I am satisfied to be just what I am.

49. I understand my family as well as I should.

50. I should trust my family more.

51. I am as sociable as I want to be.

52. I don't feel as well as I should.

53. I should have more sex appeal.

54. I am not the person I would like to be.

55. I wish I didn't give up as easily as I do.

56. I treat my parents as well as I should (Use past tense if parents are not living).

57. I ought to get along better with other people.

58. I often act like I am "all thumbs."

59. I give in to my parents. (Use past tense if parents are not living.)

60. I get along well with other people.

61. I have trouble doing the things that are right.

62. I change my mind a lot.

63. I try to run away from my problems.

64. I do not feel at ease with other people.

TEST V

(SELF ACTUALIZING VALUE SCALE)

The following section of the inventory consists of pairs of numbered statements. Read each statement and decide which of the two paired statements most consistently applies to you.

You are to mark your answers on the answer sheet. If the first statement of the pair is TRUE or MOSTLY TRUE as applied to you, blacken between the lines in the column headed "1". If the second statement of the pair is TRUE or MOSTLY TRUE as applied to you, blacken between the lines in the column headed "2". Remember to give YOUR OWN opinion of yourself and do not leave any blank.

65. I often make my decisions spontaneously.
I seldom make my decisions spontaneously.

66. I live by values which are in agreement with others.
I live by values which are primarily based on my own feelings.

67. My moral values are dictated by society.
My moral values are self-determined.

68. I trust the decisions I make spontaneously.
I do not trust the decisions I make spontaneously.

69. I believe the pursuit of self-interest is opposed to interest in others.
I believe the pursuit of self-interest is not opposed to interest in others.

70. I live in terms of my wants, likes, dislikes, and values.
I do not live in terms of my wants, likes, dislikes and values.

71. I believe that man is essentially good and can be trusted.
I believe that man is essentially evil and cannot be trusted.

72. I feel free to be myself and bear the consequences.
I do not feel free to be myself and bear the consequences.

73. For me, work and play are the same.
For me, work and play are opposites.

74. Kindness and ruthlessness must be opposites.
Kindness and ruthlessness need not be opposites.

75. The truly spiritual man is sometimes sensual.
The truly spiritual man is never sensual.

76. I have a problem in fusing sex and love.
I have no problem in fusing sex and love.

77. I enjoy detachment and privacy.
I do not enjoy detachment and privacy.

78. I feel dedicated to my work.
I do not feel dedicated to my work.

79. It is better to be yourself.
It is better to be popular.

80. I have had an experience where life seemed just perfect.
I have never had an experience where life seemed just perfect.

81. I am assertive and affirming.
I am not assertive and affirming.

82. It is a good idea to think about your greatest potential.
A person who thinks about his greatest potential gets conceited.

83. I am able to risk being myself.
I am not able to risk being myself.

84. I am self-sufficient.
I am not self-sufficient.

85. I like to withdraw temporarily from others.
I do not like to withdraw temporarily from others.

86. I find some people who are stupid and uninteresting.
I never find any people who are stupid and uninteresting.

87. I have had moments of intense happiness when I felt like I was experiencing a kind of ecstasy or bliss.
I have not had moments of intense happiness when I felt I was experiencing a kind of bliss.

88. People are both good and evil.
People are not both good and evil.

89. I can like people without having to approve of them.
I cannot like people unless I also approve of them.

90. People are basically good.
People are not basically good.

APPENDIX C

ROTATED FACTOR MATRIXES OF 95 EFFECTIVENESS VARIABLES FOR MALES, FEMALES, DORMS, GREEKS AND TOTAL

Rotated Factor Matrix for Male Sample (37 Factors)

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
1	.0921	.0186	-.0504	-.0833	.0672	-.0924	.0328	.0156
2	-.1061	-.1212	.1859	.0585	.0292	.3325	.0571	-.0454
3	.0186	-.0163	-.0598	-.1029	-.1670	.3351	.1864	-.0921
4	.0486	.0377	.0784	.0596	-.0224	.0057	.0101	.0791
5	.1179	-.1564	-.0639	-.0480	.1585	.0637	-.0366	-.1345
6	.0387	-.1102	.1056	-.0339	.1258	-.0806	.2366	.0539
7	-.0035	.0552	-.0717	.0901	.0000	-.0396	.1606	-.0740
8	.0574	-.0494	-.1836	-.1353	-.0684	.0654	-.0335	-.1327
9	-.0329	-.0644	.0737	.0676	.0667	.0515	.0346	.0084
10	-.1663	-.0179	.0922	-.0282	-.0135	.0493	.1102	-.0539
11	.0649	-.0249	.0135	.0005	.0472	.3589	.0634	.1043
12	.1445	-.0308	-.0068	.0177	-.0302	-.0395	.0400	-.0934
13	.0987	-.0626	-.0650	-.0744	.0462	-.1391	.1585	.0511
14	.0559	-.0761	-.0354	.0591	-.0123	-.0196	-.0196	-.0353
15	.0235	-.2283	.1001	-.0914	.0543	.1053	-.0337	-.1899
16	-.0963	.0244	-.1639	-.0317	-.0276	-.1619	.0184	-.0044
17	.0144	-.0899	.0470	.0532	-.0201	-.0879	-.0082	-.0267
18	.0523	.1216	.1443	.3163	-.1062	.1836	.1013	.2183
19	.0787	.0368	-.1354	-.0268	-.0034	.1949	.1147	.2307
20	-.0219	-.1319	.1284	-.0717	-.2795	-.0905	.3412	-.1259
21	-.0210	-.4775	.0369	.2424	-.0103	.0604	-.0482	.1680
22	-.0383	-.1963	-.1024	-.0188	-.0087	.0416	-.0377	.0282
23	-.1088	-.0846	.0903	.1265	-.0286	-.0319	.1154	.0346
24	-.0609	.1313	-.1079	-.0770	.1499	-.0885	.1736	.0447
25	-.0688	-.3812	.0022	.0441	-.3440	.0536	-.0147	-.0056
26	.0415	-.0549	-.0311	-.2265	.0744	.0010	-.0652	.2180
27	-.0633	.0053	-.0372	.0190	.0557	-.0744	.0552	.0289
28	.0294	.0512	.0283	-.0596	.0548	.0155	-.0328	.0572
29	.0546	-.7264	.0157	-.0757	.0322	-.0173	.1473	.0726
30	-.0957	-.1733	.0101	-.1044	-.0523	.0943	-.0421	.1113
31	-.0210	-.0709	-.0017	.0719	.2487	.0178	-.3781	-.1489
32	-.0695	-.1115	-.0156	.2218	-.0425	.0581	.1448	.0115
33	-.0212	-.0540	-.0278	.0154	-.1261	.0864	-.0134	-.0762
34	-.2530	-.2186	.0713	.1104	-.1692	-.0124	-.0089	-.1992
35	.1351	-.1282	-.0251	-.1931	.0077	-.1044	.1160	-.1038
36	.0523	.0113	-.0696	.0091	-.0207	.8242	.0671	-.0356
37	.0014	-.0823	-.0641	-.0720	-.0545	.0667	.0093	.0589
38	.0090	-.1737	-.1608	-.0186	.0297	.1158	-.0747	-.0093
39	.1283	-.1284	-.0213	-.0663	-.0024	.1724	.0012	-.4061
40	-.0724	.0998	.0531	.2455	.1679	-.0321	.1202	-.1085
41	.1607	-.0239	-.2077	-.0198	.1136	-.0952	.2690	-.0025
42	.1045	.0333	-.0451	.0325	.0329	.0090	-.0413	.0816
43	.1079	-.2876	-.1704	.0001	-.0063	-.0397	-.1957	-.2915

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
1	-.1120	-.0112	-.0312	.0724	-.0633	.1062	.0694	.0032
2	.0248	.1324	-.0656	.1625	.0011	-.2159	.1302	-.1094
3	-.0565	.0841	.0684	.1044	-.1951	-.1695	.0101	-.0273
4	.0053	.0326	.0108	.8056	-.0970	.0329	.0108	.0787
5	-.2076	-.1052	.0681	.2672	-.0167	-.0431	-.2849	.1013
6	-.0582	-.0131	-.1237	-.2202	-.2904	.0438	.0423	-.1610
7	-.0944	-.1347	-.0493	.1448	.0070	.0404	.0363	-.0574
8	.0454	.0672	-.0212	-.0797	.0559	-.7575	.0998	-.0538
9	-.1299	-.0611	-.0960	.0476	.0674	-.0103	.0248	-.0010
10	.0352	-.0014	-.0715	.0350	.0254	-.1746	.4511	-.1753
11	-.0486	-.0588	-.0021	.2355	.0531	-.2631	-.0681	-.0654
12	.0492	.0140	.0132	-.0010	.0036	-.0871	.1006	.0351
13	.0298	-.1704	.0454	.1629	-.0365	-.5157	.0769	.0861
14	-.0712	.0450	-.0860	.0262	-.0213	-.0046	-.0310	.8135
15	-.1074	-.0968	.0842	.3046	-.2594	-.2428	-.0420	.0977
16	.1158	.0921	.1259	-.1086	-.0744	.1576	.0752	-.0853
17	-.1221	-.0657	.0322	.0296	-.0846	.0333	-.0209	.0011
18	-.1192	-.0873	-.2446	-.0506	.0073	-.1294	.0079	.1175
19	.1345	.2304	-.0273	.0439	.0856	.0158	.0697	-.0969
20	.2072	.1411	.1172	-.0096	.0819	.1419	.0307	-.2213
21	-.0033	-.0779	.0632	-.3067	.0519	.0281	.0192	.0794
22	.0303	.0031	-.0714	.0260	-.0099	-.0505	.0440	-.0300
23	.0377	-.1182	-.1035	.0677	-.0469	-.0873	.0244	-.0386
24	.1850	.2547	-.2106	-.0607	-.1397	.1615	.0235	-.1139
25	-.1398	-.1044	-.1431	.0137	.0068	-.0584	.2392	-.0228
26	.0726	-.1554	-.1189	.2992	-.1697	-.3018	.2028	.1303
27	-.0515	-.0132	.0589	-.0256	-.0259	-.0132	.1327	-.0705
28	-.0425	-.0356	.0355	.0299	-.0507	.0361	-.0138	.0028
29	-.0026	.0241	-.0185	.0185	-.0768	-.0942	.0572	.0291
30	-.1537	-.2049	.0171	.1024	-.0191	-.1421	-.0219	-.0038
31	-.1993	.0510	-.0594	-.0173	-.0778	-.0582	.1425	-.0196
32	-.2329	.0264	-.1100	.0806	.0670	.0279	.1246	-.0519
33	.1652	-.0710	-.0556	.0560	-.0943	-.2877	.0434	-.0914
34	-.0839	.0150	-.0458	-.0626	.1467	-.1972	.0306	-.1536
35	.2217	-.0972	.0950	.0992	.1099	.1776	.1357	-.2061
36	-.0583	-.0296	.0128	-.0231	.0131	-.0056	.0634	.0936
37	-.0010	.0364	-.0545	.0049	-.0618	-.0880	.7824	.0536
38	-.0861	.0248	-.0552	.0432	-.0207	-.2505	.0373	-.0637
39	.0598	.1571	-.0697	.1432	.0658	-.0883	-.1180	.0675
40	-.1014	-.0383	-.2219	.0680	-.1092	-.1406	.0948	-.1676
41	-.0036	.2324	.2459	.0665	-.1667	-.1795	.0711	.0772
42	.0665	-.0301	-.0200	-.0007	-.0521	-.1001	-.0648	.0489
43	.0290	.1246	-.0606	.1057	.0414	.2497	.1245	.1043

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
1	-.0218	.0297	-.0763	-.0598	.0896	.0532	-.0829	.1163
2	.0732	.0129	-.0786	-.1767	.1336	-.4902	-.1479	.0072
3	.0171	-.0346	-.0020	.0121	-.1340	-.1483	-.1490	.0257
4	.0564	-.0406	.0114	.1160	.0350	-.0321	.0409	.0248
5	-.0136	-.0891	.0716	.1092	.0637	-.0317	-.2890	-.2070
6	-.0521	-.2462	-.0989	.1059	.1315	.0647	.2640	.0336
7	-.3212	.1713	.0278	-.0102	.5004	-.0977	.1355	.0132
8	.0344	.0333	.0105	.0774	.0873	.0395	-.0741	.0001
9	-.0207	-.0795	-.0080	.1222	-.0607	-.7498	.0637	.8720
10	.0682	.0432	.2402	-.0876	-.0300	.0553	-.0234	-.0471
11	-.2503	.1224	-.3130	.1581	-.1013	.0498	-.0380	-.1042
12	.0561	.0229	.0686	.0954	.0514	-.0624	-.0173	.7488
13	.0409	.0628	-.1638	.2269	.1002	-.1550	.1877	.2047
14	-.0224	-.0023	-.0019	-.0181	.0190	.0045	.0277	.0129
15	.2281	.0258	.0241	.0450	.0903	-.0531	-.0223	.0242
16	-.0311	.0447	.1739	-.2164	.1312	-.5417	-.0260	-.0763
17	-.0072	.0192	-.0686	-.0038	-.0434	-.0446	.0778	.0904
18	-.0688	-.0278	.1162	-.1081	-.0365	-.1500	.0034	.0583
19	.3112	-.0011	.0806	.0621	.0366	-.0541	-.0517	-.0376
20	-.0513	.0659	-.0132	-.0067	-.0455	-.1270	-.0693	-.2277
21	.0496	-.0409	-.0471	.2132	.0243	-.0108	.0964	.0993
22	.0116	-.0322	.0114	-.0787	.0635	-.0313	.0158	.0796
23	.0530	-.0076	.0381	-.0882	-.0287	-.1027	.0410	-.0487
24	.0424	.1037	.0895	-.1559	-.0939	.1242	.0945	.2754
25	.2100	-.0292	.1772	.0800	-.0226	-.1181	.0037	-.0119
26	-.1393	-.0042	-.0957	.0077	-.0881	-.0083	.1107	.0861
27	-.0773	-.0707	-.0217	.0184	.0575	-.0442	.0568	.0076
28	-.0935	.0869	.8321	-.0164	-.0105	-.0289	.0544	.0467
29	-.0808	.1171	-.0773	.0584	-.0597	-.0654	-.0235	-.0037
30	.0156	-.0413	-.2083	.0533	.1216	-.1167	-.0546	.3278
31	.0695	-.1094	-.1187	.0598	.0571	.0905	-.0384	-.0424
32	.1126	.1785	-.0557	-.2230	-.0567	-.0244	.0788	.0961
33	-.0867	-.0858	.2928	-.0236	-.0851	-.0126	.3789	.1793
34	.0006	.2024	-.0467	-.1855	.2093	.0262	.0177	-.2034
35	.0113	-.2910	.0149	-.1840	.1701	.1680	.0208	.0768
36	-.0027	.0385	.0154	-.0396	-.0038	-.0448	.0882	-.0282
37	.0305	.0205	-.0354	-.0115	-.0375	-.0791	.0162	.0872
38	-.0697	.0576	-.2237	-.0622	-.1747	.0137	.1412	.0273
39	.0760	-.2831	-.0343	.0810	.0846	.0666	.2325	.0501
40	-.1598	.1481	.1411	.1390	.0373	.1882	-.1000	.1760
41	.0739	.0023	-.0152	.1518	.1096	.0876	.0210	-.2751
42	.0612	-.1132	-.0167	.0402	.7892	.0049	-.0239	.0491
43	-.2508	.1205	.0154	-.0014	-.0245	-.0499	.1079	.0589

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
1	.0185	.0410	-.0132	-.0525	-.0177	.0558	.0007	.0462
2	.1902	.0383	-.1651	.1281	-.0862	.0595	.0390	.1206
3	-.1416	-.1101	.2223	-.0976	-.0472	-.0778	-.1379	.2937
4	-.0642	-.0367	.0202	-.0357	-.0370	-.0527	.1692	.0285
5	-.2180	-.1263	-.1536	-.2480	.0555	-.0828	-.1427	-.1121
6	.2251	-.1207	-.2166	.1433	-.0429	-.0587	-.0995	-.2392
7	-.2299	-.0709	-.0306	.0516	.0132	-.1116	-.1161	-.0236
8	-.0942	.0609	-.0414	.0346	-.0468	-.0317	-.0810	-.0134
9	-.0519	-.0885	.0648	-.1226	.0801	.0697	-.0425	-.0170
10	-.2659	.0117	-.1108	.0234	.1665	-.0426	-.0587	.0209
11	-.0279	-.1583	-.0838	.0951	-.0625	.1244	-.0144	-.0486
12	-.0961	-.1505	.0080	.0501	.0138	-.0236	.0966	.0689
13	.1232	-.0593	.0775	-.0879	.0257	.0874	.1466	-.0855
14	.0309	.0747	.0126	.0184	.0653	-.0307	.0965	.0191
15	.1704	.0370	-.0726	.0533	.1484	.1760	.0395	.0737
16	-.0959	.0499	.0930	.0665	-.2175	-.1248	-.0476	-.0919
17	-.0681	-.7571	-.0759	.0030	.0128	-.0681	-.0276	.0529
18	.0206	-.0826	-.1357	-.2425	-.0821	.0366	.3158	.0381
19	.0578	-.4241	-.0610	.0652	.0034	-.1710	.1431	-.0254
20	-.0464	.1335	.1497	.0413	.1313	-.1191	.0680	-.0445
21	-.9854	.1016	-.0778	-.0629	.0355	.0006	.0738	-.1483
22	-.8006	-.0722	-.0133	.0332	-.0397	.0366	.0523	-.0662
23	-.1307	-.0643	.0166	-.0615	.0551	.0184	.0030	.0693
24	-.1938	.1937	-.1390	.0360	-.2167	.1033	-.1107	-.0843
25	-.2019	.0498	-.1421	-.2230	-.1413	.0325	-.1147	-.0779
26	.1192	.1670	.0814	-.1274	.0262	-.2307	-.0084	.0390
27	-.0509	.0817	.0806	-.0157	-.0148	.8178	.0183	-.0088
28	-.0070	.0369	.0698	.0233	-.0367	.0050	.0172	-.0296
29	-.1365	-.1717	-.0423	-.0093	-.0509	-.0221	-.0148	-.0044
30	-.1189	.0328	-.0214	-.0957	-.1366	-.3515	.0863	.0029
31	-.1440	-.1800	.0584	-.0954	-.2388	.1703	.0817	.0795
32	-.0075	.0054	.1819	-.3133	.0306	-.0371	-.2637	-.0398
33	.0091	.0147	.0282	-.0104	-.1388	-.0148	-.0313	-.2393
34	-.0309	-.1170	.0943	-.1371	.0125	-.0790	-.0275	-.0380
35	.1878	-.1930	.0694	-.1603	-.0353	-.0896	.0077	.0537
36	-.0137	.0462	-.0865	-.1018	.0055	-.0723	-.0398	.0491
37	-.0063	.0107	-.0209	-.0274	-.0158	.1419	.0134	-.0631
38	-.2255	-.0787	.1760	-.4527	.0043	.1501	.0487	.0411
39	-.0411	.0888	-.0534	-.2975	-.0843	.0892	-.0318	-.0051
40	-.0043	-.1961	-.1906	-.1881	-.0450	.0585	.1160	.0210
41	-.0007	.0017	-.0869	-.2283	-.0925	-.1586	.2824	.0047
42	.0023	.0363	.0166	-.0913	-.1236	.0860	.0674	.0951
43	.1567	.0631	-.0612	.0332	-.0688	-.0962	.1581	.2100

Variable	Factors					
	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	n^2
1	.0027	-.0475	-.0234	-.7850	.0633	.7475
2	.0289	-.0121	-.1052	.0362	.0773	.7560
3	-.0403	.1549	.1323	.0693	.2879	.6919
4	-.0093	.0677	.0519	-.0766	.0106	.7645
5	.0772	.1066	.2095	.0283	.0258	.7282
6	.0795	.0928	.1169	-.0442	.0298	.7020
7	.1853	-.0759	.1118	-.1117	.2380	.7280
8	.0729	.0479	.0602	.0691	-.0276	.7542
9	-.0801	-.0730	.1454	.0882	.0271	.7450
10	-.0465	-.2923	-.1472	-.3089	.1981	.7677
11	-.0566	-.0567	.2666	-.1222	-.0388	.6769
12	-.0038	.0816	-.0405	-.1982	.0031	.7389
13	.0417	.0155	.0674	.1084	.0536	.6979
14	.0543	.0690	.0187	.0157	-.0024	.7268
15	-.2205	.0775	.1149	-.0098	-.2013	.6552
16	.1039	.2149	-.0263	-.1017	-.0318	.7228
17	.0553	.0592	.0284	.0536	-.0087	.6777
18	.0734	-.1667	.1924	-.1559	-.0139	.7028
19	-.0460	-.0861	.1742	-.2101	.0325	.6691
20	-.2219	.1401	.1934	-.0216	.1232	.6979
21	-.0355	.1563	.2657	-.1793	.1395	.7133
22	-.0558	-.0284	.1108	.0203	-.0465	.7532
23	.0323	.0358	.7444	.0589	.1053	.7342
24	.0910	.1017	.1856	.1986	.0615	.7202
25	.0436	-.0465	-.0399	.0473	.1763	.6757
26	.0852	.0040	.0544	-.1343	.0496	.6330
27	-.0168	-.0121	.0201	-.0351	.0805	.7631
28	-.0326	-.0128	.0392	.0465	-.0735	.7596
29	.0801	.0202	.0329	.0515	-.0008	.6871
30	.1408	.0294	.0490	.2295	.1064	.6219
31	.0994	.2636	.2106	.1271	.1615	.6944
32	-.0430	.1112	.0815	-.1231	-.1696	.5765
33	.1687	.1782	-.0474	-.3927	-.0122	.7546
34	-.2139	.1061	.1302	-.1439	.3342	.7172
35	.1766	-.3133	.0019	.1769	.1204	.7628
36	.0410	.0411	-.0313	.0792	.0122	.7655
37	-.0814	.0619	.0577	-.0477	-.1090	.7301
38	.1437	.0759	.0398	-.2123	-.0970	.6738
39	-.0663	-.1187	.2619	-.0887	-.0840	.6978
40	-.2560	-.0806	.0124	.2023	.1222	.6905
41	.1056	-.1613	.0254	.0135	.1839	.7242
42	-.0184	.0210	-.0488	-.0435	-.0053	.7454
43	.0216	-.1299	.2936	-.0943	-.0083	.6951

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
44	.1829	-.0499	-.1910	.1259	-.0744	.0181	.1112	-.1497
45	.0902	-.0519	.0983	-.0403	-.0285	-.0024	.0795	.0394
46	.0821	-.1060	-.0513	-.0358	-.0539	-.0328	-.0133	.8120
47	-.1745	-.1039	.0969	.0203	.0498	-.0213	.1561	-.0014
48	.0319	-.0366	-.0867	-.0696	.0070	.0243	.0794	.0569
49	.2032	-.0409	.0340	-.0004	-.0207	-.0193	-.0743	.0887
50	-.0497	.0269	-.0554	-.0107	.0675	.0342	.1313	-.0921
51	-.0862	-.1170	-.0050	.0005	.0353	.0514	.0063	-.0325
52	-.0813	-.0205	.0433	-.0543	.0458	-.0042	-.0645	-.0207
53	.1332	-.1644	-.1723	-.1145	.2076	.0951	-.0592	.0274
54	.0479	-.1635	-.0138	-.1395	-.0349	.1447	-.0298	.1821
55	.1957	.0945	.0301	-.0171	.1189	.2269	.0762	-.0352
56	.1434	-.0554	-.0123	-.2285	-.0598	-.0440	.0773	.0106
57	.0226	.0227	.0369	.0042	-.0084	.0509	.0209	-.0483
58	-.0121	-.0574	-.0216	.0360	-.0956	.1266	.7394	-.0245
59	.0338	-.1001	.0233	-.0983	.3182	-.2270	.4126	-.0728
60	.0572	.0445	-.0382	.2276	-.0200	-.0094	.0951	.0659
61	.0800	-.0442	.0274	-.0207	.0165	.0460	.1028	-.0602
62	-.0763	.0426	.0772	-.0687	-.0544	.0502	.1060	-.0525
63	.0780	-.1405	-.1657	-.0755	.0960	.0558	.4305	.1674
64	.0269	-.0478	-.0585	-.1213	-.0706	-.0038	.0857	-.0454
65	-.1303	-.0400	-.0859	-.6301	.1028	-.1071	-.0173	.1191
66	.0432	.0086	-.0474	.0030	-.0543	-.0526	-.0619	.0051
67	-.0319	.1135	-.1419	-.2114	.0334	.0294	.0614	-.1002
68	.1141	.0086	.1333	-.7681	.0033	.0466	.0501	-.0155
69	.0966	.2178	-.2699	.0130	-.2592	-.0331	.0685	-.1689
70	.2174	-.1225	-.0412	.3140	.0815	-.2057	.1502	.1561
71	.0001	-.0816	-.0940	.0404	-.1360	.0822	-.0762	-.0206
72	-.0253	-.1521	-.1033	-.1883	.2496	.1589	.0265	.0375
73	.0604	.0020	-.0580	-.1390	-.0027	.0716	.0437	.0304
74	.0925	.0565	.0376	.0248	-.0325	-.0257	-.0751	.0176
75	.1082	-.0031	-.5251	.0662	-.2316	.0425	-.0679	-.0732
76	.0256	-.2684	-.2038	.1542	-.1720	.3865	-.1851	-.1415
77	.0866	.0712	-.1950	-.0004	-.1574	-.1599	.0432	-.0609
78	.0909	-.0075	-.0527	-.0253	.0069	-.0676	-.0796	-.0082
79	-.0144	-.0812	-.1588	-.1228	-.2338	-.0373	.1016	.0309
80	.0582	-.2013	-.1466	-.0057	-.1244	.1713	.1421	-.1204
81	.2621	.0890	.0753	-.1923	-.3788	-.0812	.0467	-.0464
82	.0869	-.0123	-.1513	.0718	-.7243	.0511	.0598	.0718
83	-.1063	-.1125	-.1158	-.0025	.0184	-.0221	-.0631	.0551
84	-.0935	-.0224	-.0936	-.1849	-.1795	.0888	.0824	-.0348
85	-.0622	.0676	-.5189	.0038	-.1484	-.1799	.0854	-.0496
86	-.1298	.0862	-.2700	-.0166	-.0376	-.0490	-.0176	-.0170

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
44	.2528	-.0948	.0409	-.1164	.0028	-.1010	-.0553	.1070
45	.0060	-.0584	.0363	.0315	-.1161	-.0196	-.0094	.0153
46	-.0036	.0641	.0249	.0867	.0285	.0746	.0395	-.0367
47	.2407	-.1293	.0636	-.1264	.0541	-.3159	.0339	.3588
48	.0097	-.0874	.0194	-.0054	.0351	.0382	-.0843	.0609
49	.1892	-.6434	.0188	-.0623	-.2344	-.0731	-.1294	-.0608
50	-.0656	-.7700	-.0617	.0283	.0143	.0229	.0414	.0435
51	.0183	.0394	.0525	-.0235	-.0431	-.0395	.0198	-.0252
52	.0220	-.0189	-.7970	-.0234	-.0116	-.0231	.0875	.0215
53	-.0302	-.1207	-.1788	-.0808	-.2892	-.1630	.0804	-.0460
54	.1195	.0977	-.0703	-.0165	-.0321	-.0030	-.1673	.1746
55	.0708	-.1255	.1189	.1306	-.0216	.0672	.1148	.6217
56	.0041	-.3173	-.1257	-.1532	.0182	.0576	-.2028	.1577
57	.1141	-.0593	.0086	.0361	-.1111	.0392	.0314	-.0694
58	-.0757	-.0825	-.0183	-.0091	-.1357	-.0080	.0395	.0641
59	-.0394	.0426	.2115	-.0891	-.0208	-.1541	.0162	-.0041
60	.1275	-.0161	.0759	-.0195	-.5638	-.0446	.1328	-.0724
61	-.0164	-.0633	-.0894	.0838	.0006	-.0541	.0187	.1077
62	-.0258	.0216	-.0330	.0378	.0162	.0365	-.0549	-.0090
63	-.0238	-.1059	.0503	.2688	.0674	-.0148	-.0295	-.1271
64	-.1160	-.0766	-.0307	.1383	-.7584	.0536	.0071	.0710
65	.0661	.0237	-.1230	-.0886	-.0936	-.0300	.0187	-.0798
66	.8274	-.0211	-.0284	.0140	.0543	-.0564	.0076	-.0178
67	.3829	.0487	-.0551	-.0357	.0371	.0872	.0576	-.0789
68	-.0328	-.0431	-.0044	.0266	-.0204	-.1838	.0742	-.0260
69	.0259	.1393	.0683	-.2100	-.0604	-.0780	-.0248	.0967
70	.0816	.0331	-.2576	.1687	-.1445	-.1250	-.1353	-.0813
71	-.0143	-.0179	-.0367	.0002	-.0213	-.0186	.0630	.0718
72	.0851	-.0474	.0131	-.0320	-.2550	.0046	.1369	-.0429
73	-.0488	.0356	.0420	.0360	-.0600	.0150	.0122	.1062
74	.1047	-.0273	.0621	.0617	-.0402	-.0391	.0576	-.0396
75	.1135	-.0340	.0471	.2280	.0679	.1423	.0874	-.1091
76	.0313	.0064	-.0273	.0372	-.2211	.0759	-.0097	.0013
77	-.0659	-.0602	-.3917	.0294	-.0255	.0719	-.1711	.0884
78	.0258	.0172	.0527	.1421	.0082	.0855	.0453	.0634
79	.1571	.0353	-.2454	.1893	.1119	.0055	.2439	.1528
80	.1392	-.2335	-.3565	.0526	.0396	.0556	-.0128	-.0070
81	.0397	.1061	.0818	.0379	-.0658	.0507	.1888	.1797
82	.0526	.0256	.0185	-.0139	-.0641	-.0611	.0348	-.0745
83	-.0217	-.0166	-.0276	.1107	-.0150	-.1069	-.0665	-.0665
84	-.0076	.0616	-.0947	.0172	-.2072	-.2249	-.2261	.0017
85	.0397	-.0695	-.0994	.0068	-.0267	-.0058	-.1667	.0826
86	.0522	-.0022	-.0959	.0082	-.0271	.0981	.0992	-.0308

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
44	-.1302	-.0032	-.1666	.0461	.0672	-.1121	.0224	-.3459
45	.0183	.0825	.0467	.0771	.1229	-.0170	.0328	-.0033
46	.0403	-.0468	.0414	.0517	.0692	.0107	.0553	-.0374
47	.1534	-.1519	.0067	-.1162	-.0939	.1173	.0919	.0405
48	.1142	.0959	-.0824	.0481	.0391	-.0233	.0581	.0269
49	-.0780	.0807	.1244	.0081	-.0808	-.0794	-.0321	-.0516
50	.0625	-.0908	-.0286	-.0115	.1090	.0519	-.0156	.0200
51	-.0008	.8108	.0830	.0473	-.0649	.0679	.0821	.0310
52	-.0628	-.0555	-.0294	.0382	.0622	-.0422	-.0283	-.0257
53	.1201	.2253	.1052	-.0592	.0601	.0063	.0167	-.0346
54	-.1074	-.0115	.0104	-.1029	.1342	.0439	-.1638	.2973
55	-.0574	-.0230	.0034	.0187	.0330	.0686	.0752	.0109
56	.1213	.0619	.2422	.0843	.0513	.0657	-.0648	-.0958
57	-.0394	.0681	-.0095	.0564	.1030	-.0626	-.0316	-.0301
58	-.0853	-.0396	-.1037	-.0446	-.0047	-.0422	.0331	.0086
59	.0073	.0967	.1960	.1195	.0033	.0809	-.0058	.1088
60	-.1905	-.0123	.1206	.1458	-.1573	-.0130	-.0337	.0467
61	-.1017	-.0307	.0002	.0492	-.0064	.0053	-.0474	.0745
62	-.0259	-.0356	-.0327	.0547	.0915	.0309	.1165	.0459
63	.3359	.0486	.1534	-.0475	.0533	-.0541	.1251	.0196
64	.0917	.0534	-.0948	-.0394	.0931	.0414	.0782	-.0151
65	-.1011	.0056	.2662	-.1418	-.0399	.0690	.1022	.0886
66	.0928	-.0030	-.0319	.0040	.0286	.0689	-.0394	.0279
67	.0456	.3020	.0187	.1646	.1121	-.0997	.1822	-.0240
68	.0484	-.0078	-.0538	.1343	-.0489	.0119	.0926	-.0304
69	-.0450	.0161	-.0593	.4159	.1126	-.0420	.0175	.0424
70	-.0668	-.0656	-.0617	.0020	-.0208	-.0633	.2492	-.2098
71	-.0678	-.0297	-.0044	.0357	-.0052	.0955	.0060	.0231
72	-.1562	-.0694	-.1278	.3252	-.1385	-.0282	.1142	.1513
73	.1244	.0990	.0627	.0187	.0152	-.0181	.8144	-.0455
74	.7450	.0150	-.1310	-.0218	-.0038	.0179	.1311	.0678
75	-.0323	.1300	-.0424	.0063	.0742	.1744	-.1156	-.1031
76	.0881	.0814	.0755	.1491	.1333	.1536	-.0114	.1759
77	.0609	.0733	-.0180	-.0165	-.2163	-.0880	-.0450	.1880
78	.0236	-.0091	-.0088	-.0445	-.0008	.0456	.0028	.0334
79	.1502	-.0424	.0442	.4636	-.0877	-.0567	-.0089	-.0480
80	-.0012	.0260	-.0031	.1878	-.0213	.1268	.1182	.0944
81	.0105	.2038	-.0203	-.0490	.0523	.0016	.1309	.2250
82	.0115	-.0568	-.0590	.0420	-.0408	.0820	.0002	.0239
83	-.0286	.0659	-.0183	.7705	.0456	.0189	.0047	.0540
84	-.1451	.0002	.0536	-.1491	.1443	-.0175	.0676	.1982
85	.1791	-.0420	.0094	.1461	-.0478	-.1232	-.2097	.0249
86	.0261	.0528	.0348	.0056	-.0194	-.0388	.0220	-.0013

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
44	-.1206	-.2075	.0525	.0897	-.2031	.0093	.1308	.0574
45	-.0201	.0038	-.0480	-.0319	-.8187	-.0030	-.0336	.0727
46	-.0223	-.0052	-.0143	.0298	-.0520	.0220	-.0083	-.0472
47	.2361	-.0609	-.1423	.0093	.2039	-.1273	-.1755	.1581
48	.0521	.0014	-.1388	.0424	.0130	.0843	.0489	-.0351
49	-.1120	-.1327	-.0561	.1486	.0016	.0282	-.0295	.1644
50	.0888	.0468	.0180	-.1598	-.0666	-.0310	-.0325	-.1242
51	.0699	-.0178	.0670	-.0945	-.0902	-.0748	-.0300	-.0255
52	-.0451	.0042	-.0029	-.0380	.0472	-.0641	-.0173	.0219
53	.4053	-.0969	.1317	.0719	-.0792	-.0151	.0294	.0033
54	.0550	-.4054	.0319	-.2281	-.1117	.2321	-.0528	-.1598
55	-.0370	-.1667	-.0602	.0731	-.2072	-.0658	-.0261	-.0722
56	-.0367	.0028	-.0061	-.4091	-.1298	.0402	.1328	.0176
57	.0662	.0031	-.1428	-.7564	-.0105	-.0274	.0228	.0271
58	-.0106	-.0302	.0752	-.0423	-.0912	.0594	-.0601	.0896
59	.0969	.0640	-.0073	.0373	-.0890	.1342	.0971	.1129
60	.0522	-.1026	.0258	-.1890	-.2878	.1567	.1675	-.1897
61	.0307	-.0473	-.1062	-.1415	-.0241	-.0274	.0709	.0335
62	.0794	-.0325	-.0030	-.0244	-.0694	-.0089	.0845	.8405
63	.0576	-.1309	-.0253	-.0822	-.0993	.0983	-.0943	.1402
64	-.0057	-.0375	-.0006	-.0683	-.0613	-.0216	-.0081	.0396
65	.0582	.0554	.1297	.0343	-.1475	.0049	-.0374	.0314
66	-.0165	.0813	.0719	-.0775	-.0248	-.0497	.0078	-.0287
67	-.1451	.0110	-.2114	-.0590	.2640	.1767	.1470	-.0227
68	-.0418	.0003	-.1025	-.0628	.0531	-.0305	.1080	.0700
69	.1525	-.1853	-.0169	-.0739	-.0276	-.0664	-.1691	.1016
70	-.1242	.1404	-.1145	-.1095	.1249	.1118	-.1176	.1403
71	-.1086	-.1051	-.7416	-.0981	-.0168	-.1035	.0081	.0111
72	-.1439	.0463	-.0351	-.2199	.0213	-.1540	.1056	.1521
73	-.0221	-.0643	-.0260	.0003	-.0170	.0587	.0214	.1313
74	-.0063	.0031	.1630	.0394	-.0097	-.1008	-.0191	-.0359
75	-.0140	.1153	-.0988	.0058	-.0962	.1144	-.0272	.1498
76	-.1114	.1909	.0740	.0407	.2455	-.1022	.0119	-.0361
77	.0428	.2437	-.0868	.0296	.0213	.0068	-.1663	.0682
78	-.0290	.0353	-.0330	-.0300	.0206	-.0163	.7869	.0723
79	.1331	-.1435	.0704	-.0235	.0339	.0746	-.0836	.0517
80	-.0619	-.0092	-.2085	.0483	-.2292	-.0099	.1577	-.1560
81	-.0871	.1024	-.0756	-.0814	-.0287	.0783	.1234	-.1036
82	-.0151	-.0416	-.1802	.0142	-.0269	-.0682	.0467	.0979
83	.0345	.0472	-.0353	-.0234	-.0860	.0146	-.0555	.0188
84	-.0456	-.1267	.1273	.0088	.0858	.1137	.4889	-.0017
85	-.0719	-.1282	-.3637	.0573	.0422	.0948	.0551	.0479
86	-.0938	.0529	.0492	-.0104	.0163	.0427	-.0395	-.0471

Variable	Factors					
	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	n^2
44	.1622	.1824	.0902	-.2054	.0179	.6665
45	.0050	.0299	-.0402	-.0246	-.0143	.7664
46	.0025	-.0614	.0486	-.0122	.0215	.7385
47	-.0716	-.0707	-.0600	.0397	-.1774	.7389
48	.0096	.0515	.0824	-.0586	.8259	.8140
49	-.0294	-.0944	.0370	-.0969	.1477	.7644
50	.0047	.0967	.0751	.0367	.0191	.7470
51	-.0487	-.0317	.0004	-.0185	.1016	.7669
52	-.0987	.0986	.0851	-.0357	-.0204	.7196
53	.1665	-.0591	.0165	.0381	-.0093	.6385
54	.0044	.0192	-.0137	.0750	.2532	.7366
55	-.0503	.0625	-.0675	-.0186	.1304	.7133
56	.1460	.1152	.1284	-.0698	-.1793	.6960
57	-.0554	.1021	.0128	.0165	.0282	.6852
58	.0310	.0502	.1040	-.0191	.0731	.6914
59	.0105	.0642	-.1670	-.1098	.0843	.6253
60	.1036	.0109	-.0116	.0427	.1139	.7854
61	-.0121	.7822	.0076	.0266	.0770	.7426
62	.0490	.0351	.0520	-.0315	-.0388	.8127
63	.0168	.2694	.1193	.0813	.0069	.7258
64	-.0720	-.0023	.0306	-.0796	-.0828	.7281
65	-.1593	.0140	-.0174	-.0457	.0188	.7069
66	-.0527	-.0153	.0257	.0707	.0022	.7548
67	.2901	.0034	.0026	.0315	-.0456	.7232
68	.0813	-.0016	-.1128	-.0707	.0749	.7718
69	.0667	-.1061	.2346	-.0197	-.0424	.6958
70	-.1473	.0677	-.2512	-.0460	.1307	.7763
71	.0605	.1424	.0515	.0257	.0811	.7045
72	-.0470	-.0362	-.0811	-.1825	.0543	.6406
73	-.0211	-.0612	.0460	.0810	.0521	.7942
74	-.0057	-.1388	.0346	.0216	.1302	.7220
75	.0265	.2289	-.0231	.0023	.0003	.6723
76	.1133	.1577	-.0911	-.0955	.0314	.7285
77	.1410	-.2812	.0341	-.0568	.1489	.6415
78	.0499	.0629	.0048	.0145	-.0167	.7024
79	.1186	.0634	-.1992	.0026	.2189	.7526
80	.0260	-.0150	-.2492	.0717	-.1802	.6815
81	-.0539	-.1260	.1885	-.1861	.0158	.6373
82	-.0230	-.0046	-.0128	.0614	.0028	.6643
83	-.0314	.0720	-.0531	.0767	-.0030	.7153
84	-.1277	.0969	-.0134	-.0500	.1611	.7176
85	-.1468	-.1452	-.1116	.0613	.0378	.7447
86	-.7886	.0128	-.0340	.0161	-.0110	.7856

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
87	.0106	-.0469	-.5690	-.0118	.0589	.0174	.1048	-.0351
88	.0167	-.0989	-.7249	-.0331	-.1179	.0519	-.0234	.0574
89	.0529	.0856	-.7646	.0655	.0531	.0675	.0114	.0559
90	-.0246	-.0141	-.4237	-.0802	-.1083	.0619	-.0139	.0671
91	.9226	-.0282	-.0234	.0390	.0047	-.0369	.0026	-.0170
92	.9259	.0419	-.0207	-.0171	-.0081	.0531	.0257	.0183
93	.7320	-.1587	-.0076	-.0649	-.0548	.0345	-.0233	.1143
94	.8461	.1134	-.0377	-.0147	-.0697	.0901	.0231	-.0206
95	.8776	-.0541	-.0089	.0186	.0041	-.0576	-.0221	.0062

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
87	-.0632	-.0615	-.1258	.0281	.1879	-.0118	.0499	-.0569
88	.0270	.0525	-.0214	-.0560	-.1801	-.0411	.0459	-.0003
89	.0410	-.0237	.0775	-.0969	-.0336	-.1802	.0035	.0643
90	-.1112	.0432	.0169	-.0264	.0058	.0037	-.0212	-.0802
91	.0253	.0162	.0527	-.0251	.0017	-.0214	.0128	.0418
92	-.0724	-.0357	-.0363	.0520	.0043	-.0026	-.0153	.0672
93	.1722	-.0356	.0076	-.0032	-.0656	-.0537	.1091	-.0673
94	-.1597	-.0399	.0141	-.0268	.0294	.0393	-.0256	.1041
95	.1296	.0236	.0330	.0721	-.0430	-.0472	-.0944	-.0091

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
87	.0544	-.0455	-.0071	.1974	-.1446	.0578	-.0054	.0495
88	-.1313	.0089	.0745	.1001	.0843	.0023	.0053	.0362
89	.0362	.0015	-.0569	.0028	.0354	.0146	.1373	-.0212
90	-.1838	-.0683	-.1728	-.0359	-.0211	-.0546	.0595	-.0445
91	.0391	-.0696	.0066	-.0465	-.0506	.0202	.0191	.0107
92	.0198	.0336	-.0518	-.0318	.0620	-.0233	-.0107	.0352
93	.0684	.0359	-.0034	.0025	.1155	.0642	.1021	.0854
94	.0096	-.0034	.0276	.0274	.0544	.0294	-.0276	-.0421
95	-.0306	-.0894	.0453	-.0247	-.0451	.0208	.0053	.0163

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
87	-.0589	.0297	-.0693	.0452	-.1047	-.1145	.1865	-.1902
88	.0033	.0187	-.1296	.0161	.2167	.0269	-.0029	-.0548
89	.0099	-.0069	-.0120	-.0458	.0137	.0056	.0153	-.0225
90	.1370	.0452	-.6524	-.0576	-.0615	-.0097	.0133	-.0311
91	-.0308	.0092	-.0482	-.0343	-.0450	.0209	.0052	.0104
92	-.0041	.0000	.0263	-.0172	.0190	.0124	.0534	-.0158
93	.0661	.0711	.1182	-.0315	-.0978	-.0586	.0121	-.0886
94	.0028	-.0299	-.0072	.0917	.0099	-.0289	.1041	.0001
95	.0625	-.0861	-.0377	-.0660	-.0165	-.0267	-.0736	-.0011

Variable	Factors					
	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	n^2
87	-.1922	-.2301	-.0061	-.0662	.1713	.7087
88	-.1341	-.0237	-.0125	.0579	.0676	.7367
89	-.0105	.0548	-.0227	-.0471	-.0442	.7017
90	-.0024	-.0417	-.0766	-.0702	.0770	.7842
91	.0725	.0036	.0548	-.0254	.0264	.8913
92	.0141	.0415	-.0347	-.0111	-.0313	.8989
93	-.0597	-.0797	-.1156	.0144	.0163	.7481
94	.0518	.0762	.0303	-.0471	-.0449	.8292
95	.0382	.0166	-.0442	-.0200	.0534	.8590

Rotated Factor Matrix for Female Sample (31 Factors)

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
1	.6206	-.0185	-.0300	-.0575	.2442	-.0015	.1540	.1039
2	.1185	.1126	-.0839	.1265	-.1168	-.0141	-.7044	.0102
3	.0512	-.1080	-.0337	-.0609	-.0020	.1245	-.0474	.0240
4	-.2707	-.1587	.0636	.0807	.1749	.1840	.0715	-.0211
5	-.0516	.1358	-.0104	.0008	.0581	.7456	.0208	.1242
6	-.1411	.0197	-.0112	.0599	.0238	.1059	-.0534	.0022
7	.0968	-.1370	-.1561	-.0249	.3298	.1627	.0649	-.0303
8	-.0330	-.0834	-.0346	-.0614	.0497	.0960	.0352	.0270
9	.0416	-.0944	.0108	.1635	.2924	.0145	.3481	.1106
10	-.2278	-.0021	.0898	.0070	.1467	.0230	-.0540	-.0853
11	-.5134	-.0543	.0347	.0673	.1259	-.0217	-.0706	.0087
12	.5880	-.0078	-.0462	-.0880	.0852	.0190	.0822	.0506
13	-.2187	-.0321	-.0340	.0802	-.0307	.2370	.0792	-.0191
14	.0421	-.0135	-.0864	.0129	-.0096	-.0334	-.0457	.0331
15	-.3759	-.0219	.1475	-.1004	-.0115	.2526	.4982	.1382
16	.0732	-.0209	.0738	-.0257	.3367	.0593	.0160	.0198
17	-.1639	-.0867	.0001	.0846	-.1261	-.1213	.6250	-.2161
18	.2392	-.0571	-.0044	-.0448	-.0264	.0648	.2263	.0380
19	-.1990	-.0266	.0762	.0365	.1059	.1567	-.0161	.0061
20	.4109	-.0600	.1025	-.0465	.0568	.0032	-.2138	-.0592
21	.2825	-.0037	.1390	-.1418	.1267	.1260	-.1505	-.0704
22	.4449	-.0756	.0518	-.0089	.4516	.0381	.1604	.1473
23	-.1233	-.1187	.0355	.0435	.0247	.0537	.0230	.1373
24	.1052	.0206	-.1023	.0540	.0374	-.0093	-.0149	.0001
25	.4236	-.0748	.0857	-.1034	.1850	.0124	.0099	.1782
26	-.4030	-.0706	.0032	-.1301	.1917	.1780	-.0102	-.0166
27	.3100	-.0032	-.2019	-.1086	-.0061	-.0243	.2342	-.1941
28	-.1091	.0649	.0443	.0431	.0248	.0150	.0089	-.0343
29	.3673	.1251	.1518	.1771	.1158	.3352	-.0507	-.0614
30	.1167	-.0168	.0704	-.0537	.0371	.0587	-.0024	-.0254
31	.1853	.0005	-.1084	.0155	-.0823	.4600	-.0164	.0205
32	.5318	.0901	-.2174	.0157	.1907	-.0148	-.0126	.0797
33	.7157	.0561	-.0352	-.0968	.0079	-.0432	.0218	-.0192
34	-.2629	.0102	.2822	.0745	.0099	.0317	-.0418	.0308
35	.0042	-.1632	-.1130	-.0005	-.0098	-.0720	.1120	.1508
36	.2150	-.1428	-.1042	.1357	-.1173	.1009	-.0209	.1996
37	.3331	-.0763	-.0851	-.0891	-.0538	-.0028	.0115	.3736
38	.0343	.1922	.0360	-.0181	.3164	.0639	.0904	-.0860
39	.2958	-.0378	.0890	.0532	.0719	.1276	-.0411	.7161
40	.0958	-.0933	.0408	-.0111	.0898	.0060	-.0583	.0257
41	.2690	-.1157	.0567	-.0304	-.0485	.0611	.0038	.0841
42	.0413	.0426	-.0228	-.0666	-.0181	-.0706	-.0145	-.0039
43	-.0462	.0421	.0898	-.0247	-.0449	-.0781	.0125	.0899

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
1	-.0430	-.0222	.1777	.0451	.0577	.0674	.0491	-.0577
2	-.0069	.0861	-.1473	.0359	-.0444	-.1021	-.0072	-.1264
3	-.0895	.0450	.1073	-.0383	.0719	-.0437	-.0221	-.0688
4	.0781	-.0075	.0010	.0008	.0354	-.1456	-.0895	-.0720
5	.0649	.0426	.0596	-.0957	-.1222	-.0174	-.0513	.0259
6	-.0164	.0565	.0657	-.0732	.0341	-.0499	-.1311	.0557
7	.0661	-.0442	-.0955	-.1222	-.0490	-.1273	.0932	-.1699
8	-.0424	-.0491	.1155	-.8231	-.0735	-.0178	.0694	-.0054
9	.0316	-.0122	-.1685	-.0223	.0860	-.0585	-.0395	.0606
10	-.1244	-.0265	-.1272	-.1520	.0748	.0608	-.1289	.1201
11	-.0753	.1351	.3323	.0151	.2225	-.1322	.0911	.0438
12	.1214	.1866	.0920	-.0301	-.0373	.0948	-.0616	-.0448
13	.3375	.0072	.0368	-.2034	.0571	-.0845	-.4237	.0981
14	-.0430	-.0386	.0126	.0784	-.0869	.0038	-.0319	.0463
15	-.0301	.2212	-.0188	.0562	-.0825	-.1407	.0370	.0161
16	-.3129	-.2498	-.1278	.0331	.0273	-.2629	.0066	.0226
17	.0230	.0368	-.0846	-.1035	-.0390	-.2288	.1131	-.1372
18	-.1047	-.1521	-.0386	-.0087	.0906	-.0403	.0412	-.0190
19	-.0190	.0545	-.0838	.0904	-.0346	-.0085	.0614	-.0339
20	-.1094	.0651	.1102	.0445	.0091	.0570	-.0719	-.0947
21	-.0995	.0490	-.0424	-.1838	-.0207	.0665	-.3468	.2314
22	-.0170	.0979	.0832	.1222	-.1662	-.0768	-.0311	-.0606
23	-.0448	.0979	-.0183	.2012	.0456	-.0681	-.0952	.0041
24	.0063	.0457	-.0150	-.0369	.0948	-.0398	.0101	-.0496
25	.2089	-.0321	.0759	.0091	-.1008	-.1478	.0123	-.0999
26	.0429	.1035	-.0528	-.0638	.0807	-.1580	.1151	-.3084
27	-.0493	.1297	-.0925	.0165	-.0849	-.0295	-.0596	.0659
28	-.0514	-.0696	-.0047	-.0699	-.0035	.0363	-.0149	-.1257
29	.1602	.1257	-.0439	.1703	.0743	-.0610	-.0935	.0026
30	.0604	.8034	.0514	.0202	-.0275	.0051	.0604	-.0326
31	-.0326	.1211	.1401	-.0814	.0659	-.0619	-.0139	-.1065
32	.0013	.2511	.0977	-.0208	-.1143	-.0464	.1304	-.1335
33	.0418	.0107	.0627	-.0228	-.0631	-.0581	.0091	.0288
34	.0275	.0886	-.0032	-.0183	.0452	-.0530	.0694	-.2241
35	-.0550	.2809	-.1988	-.3374	.1418	.1527	.0756	.0532
36	-.0791	.4235	-.1214	.0774	.0621	-.0224	-.0485	-.2456
37	-.0836	-.1055	-.2096	.0669	.1577	-.0058	-.0426	-.0758
38	.1524	.0019	-.0307	-.1997	.3795	-.1816	-.1008	-.0124
39	.1161	.0115	.0223	-.0663	-.0406	-.1026	.0162	-.0163
40	-.0098	.0557	.0470	.0003	.0301	.0482	-.1031	-.7634
41	.7479	.0458	-.0697	.0644	.1279	-.0965	-.0350	.0127
42	.0784	-.0221	.0288	.0659	.8434	-.0157	.0944	-.0266
43	-.0426	-.0197	.0382	-.0884	.0222	-.0369	.0790	-.0227

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
1	-.0638	-.1377	.0458	.1193	.0589	.1677	.0066	.1181
2	-.0268	.0704	-.0169	-.0129	-.0023	-.0849	-.0506	.0986
3	-.0363	-.0686	.0998	.0829	.0346	.0467	.0319	-.0733
4	-.0235	-.0208	-.0589	.0367	.0490	-.0015	-.0049	.0158
5	.0142	.0818	.0743	-.0021	-.0749	.0301	.0826	-.1067
6	.0141	.6832	-.0343	.0453	.1655	-.0108	-.1566	.1332
7	.1905	.0611	.1681	.2710	.1573	-.2038	-.0835	.1525
8	-.0840	.0679	-.0379	-.0077	.1061	.0416	-.0196	-.0320
9	.0807	.4590	.0090	.0342	-.0666	.0003	-.0145	.0415
10	-.1355	.1355	.0585	-.0345	-.0207	-.0079	-.6608	.0262
11	-.0298	.1217	-.0130	-.0767	-.1982	.1082	.0293	.0138
12	-.0007	-.0177	.0988	.0308	.1645	.0356	.1154	-.0982
13	.2136	.1302	.0841	.0858	-.0010	-.0280	-.1544	-.0883
14	.8074	.0323	-.1430	.0761	.0426	-.1004	.1309	-.0219
15	.0291	.1378	-.0752	.0028	.0629	.0712	.0954	.1162
16	-.1880	-.0165	.0142	.3739	.0114	.1451	.0782	.1172
17	-.2296	.0168	.0354	.0270	.0262	-.0529	-.1128	-.0636
18	.1092	.3440	.2481	.3896	-.0992	.0545	.0684	-.0819
19	-.0655	.0602	-.0187	.0794	-.0331	-.0503	.1511	.0143
20	-.1348	.3767	-.0861	.1043	-.0633	-.0869	.1581	-.1377
21	.2339	.0014	.0753	-.1621	-.0975	-.0346	.1025	-.0614
22	.0117	.0795	.1944	.1298	.0211	.1935	.0210	-.0172
23	-.1521	.0656	.6670	.0905	.0660	-.0619	-.1006	-.0189
24	.0629	.0334	.1020	.0816	.0090	.0023	.0049	-.0384
25	-.1298	-.0799	-.0517	.0980	.1809	.1286	-.0954	-.0137
26	.0695	.0662	.0406	.1803	.0851	-.0116	-.0673	-.0944
27	-.1799	-.1004	.0837	.0778	.3475	-.1127	.0789	-.0402
28	.0861	.0412	-.0154	.0200	-.0663	.0274	-.0028	-.0112
29	.2029	-.0163	-.0709	-.0342	.2841	-.1408	-.2010	.2093
30	-.0419	.0520	-.0250	.0223	-.0104	.0344	.0113	.0466
31	-.2139	.0595	-.0961	.0224	-.0674	-.1171	-.1361	.0007
32	-.0647	.1017	.0187	.1034	-.0362	.0440	.0682	-.0752
33	-.1532	.1045	-.0015	.0438	-.0152	-.0738	.0377	-.0923
34	-.0218	-.0530	-.1135	.0613	.0018	.0922	-.0359	-.0457
35	-.0425	-.0531	-.1110	-.0680	-.1960	-.0426	-.2697	-.0031
36	.0065	-.2173	.2225	-.0553	.1127	-.1059	.1816	-.0242
37	-.0056	.1630	.0245	-.2519	.0700	-.0817	-.0627	.0718
38	-.1118	.0252	-.0437	.0202	.0606	-.2517	.2952	-.0087
39	.0203	.0111	.0926	-.0100	.0799	.0344	.0194	-.0201
40	-.0588	-.0627	-.0002	-.0912	.0175	-.0796	.0417	-.0453
41	-.0726	-.0535	-.0363	.0719	-.0480	.0311	.0290	.0537
42	-.0649	.0518	-.0142	.0581	.0079	-.0006	-.0525	.0090
43	.0487	.1046	.0133	-.0355	.8424	.0912	.0081	-.0419

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	n^2
1	.0653	-.0182	.0824	-.0338	.0183	.1669	-.0309	.6603
2	-.0492	.1571	.0869	-.0049	-.0970	.1555	-.0304	.7138
3	-.0946	-.0612	.6995	.0872	.0241	.0545	.0443	.6206
4	.0332	.0532	.0827	.6757	-.0308	.0298	.0363	.7001
5	-.0185	-.0414	.1347	.0952	-.0958	.0495	.0396	.7134
6	-.0216	.1284	-.0157	.0034	-.1406	-.0605	-.0336	.6577
7	-.0593	-.1517	-.1198	-.0114	.1916	.1292	.0581	.6164
8	.0073	-.0033	.0439	.0162	.0645	-.0138	-.0867	.7741
9	.0749	-.1185	-.1593	.0868	.1942	.0623	-.1508	.6447
10	-.0358	-.0302	.0321	.0034	.0914	-.0382	-.0421	.6823
11	.0385	-.0167	.1174	.0117	.0522	.1464	.0154	.6195
12	.2163	-.1960	.1784	.0088	.1001	.0962	-.0189	.6470
13	-.1726	.0515	.0137	-.0683	-.2599	.0105	.1601	.7168
14	.0674	.0194	-.0265	.0019	.0522	-.0196	-.0714	.7570
15	-.0377	.0108	.1162	-.0233	.0074	.1441	-.0065	.6802
16	.1511	.0288	-.0995	-.1113	-.0572	-.0617	.0039	.6474
17	-.0281	.2260	.0118	.0931	-.1825	.0907	-.0480	.7947
18	.0791	.3026	.0697	.0772	-.0076	.3200	.0316	.7417
19	-.0488	-.0344	-.0384	.0059	-.7130	.0168	-.0765	.6691
20	.1253	-.0457	-.2115	-.2557	.2153	-.0623	.1433	.7182
21	.1711	-.0760	-.0330	.0767	-.2677	.1149	-.0412	.6458
22	.1012	.0000	-.0264	.0334	-.0211	-.0040	.0082	.6417
23	.1785	-.0589	.1470	-.0257	-.0728	-.0622	-.0193	.6901
24	.7840	.0387	-.1073	.0589	.0523	.0291	.0775	.7080
25	.2963	-.1937	-.0998	-.2237	-.1584	.1238	-.0038	.6820
26	-.0293	-.0445	-.1969	.0979	.1111	-.0039	.2839	.6209
27	.3236	-.0104	.1163	.0843	-.0538	.0008	-.2946	.6980
28	-.0630	-.0470	-.0360	-.0504	-.0606	-.0665	-.8332	.7793
29	.0116	.0501	.0305	-.0842	.2085	.0298	.0196	.7154
30	.0621	-.0501	.0536	.0197	-.0506	-.0021	.0643	.7105
31	.0340	-.0289	-.0170	.1287	-.2489	-.1234	-.2469	.5802
32	.0270	-.1827	-.2186	.0243	-.1515	.0531	-.0022	.6523
33	.0156	-.0026	-.1047	-.0813	-.0043	.0537	-.0321	.6172
34	.1259	-.0239	.1066	.0313	-.0368	.6042	.0941	.6630
35	.2444	.0748	-.0570	-.0939	.0958	.2987	.0714	.6829
36	-.0695	.1721	-.0435	-.2917	.0542	.1823	-.0353	.7500
37	.1661	-.3463	-.0554	-.0388	-.2148	.1286	.1453	.7211
38	.1019	-.1806	.1280	-.1538	.0443	.0548	.1374	.6877
39	-.0082	-.0740	.0530	-.0254	.0107	-.0145	.0235	.6945
40	.0913	-.0242	.0715	.1414	-.0542	.0753	-.1542	.7083
41	.0593	.0067	-.0782	.0658	.0238	-.0321	.0534	.7407
42	.0717	.0152	.0386	.0336	.0155	.0110	-.0165	.7690
43	.0061	.0530	-.0396	.0392	.0243	.0024	.0764	.7961

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
44	.0341	-.0038	.0209	.0261	.0089	-.0466	.0273	.1437
45	-.0200	-.0426	-.0072	-.0323	.0203	.0758	.0435	.0072
46	-.4379	-.1084	.0092	.0877	-.0966	.1068	.0219	-.1628
47	-.3505	-.0477	.1959	-.0955	-.0242	.0116	.0521	-.0175
48	.0474	-.0465	-.1320	-.0984	-.0425	.1049	-.0236	-.0002
49	-.1888	-.0282	.0971	.0827	.1254	-.0445	.0707	.1161
50	-.1167	.0641	.0188	-.0070	-.2273	-.2080	.0573	-.0373
51	-.2781	.0092	-.1695	-.0481	.0212	-.0339	-.0696	.2850
52	-.2222	-.0193	-.0752	.0136	.7012	-.0055	-.0179	.0254
53	-.4258	.0163	-.1213	.0590	.1867	-.2060	.1565	.1525
54	-.2652	-.0642	-.0467	.0414	.1095	.0486	.0094	.0443
55	-.5317	-.0419	.0616	.0861	.0821	-.1053	.1529	.0834
56	-.5398	.0156	-.0444	.0375	.0552	.0538	.1576	.0593
57	-.6294	.0104	.1569	.0052	-.0205	-.1777	.0958	.0664
58	-.3884	-.0397	.1746	.0337	-.1347	.0943	.1204	-.0030
59	.2973	-.0830	.0390	.0132	-.0802	.0298	.0159	.0756
60	.1021	-.0863	-.0523	-.0203	-.0401	.0341	-.0622	.0072
61	-.4600	-.0647	.0301	.1344	-.0385	-.1068	.1290	.0608
62	-.0731	-.0937	.0622	-.0527	.0348	.0062	-.0179	-.0300
63	-.3228	-.1145	.1530	.3470	-.1001	.0088	-.0400	-.0687
64	-.1099	-.2240	.1349	.0031	.0155	-.0074	.1708	.0276
65	-.5325	-.0482	.1603	.0792	.0680	-.0038	.1389	.0490
66	-.2294	-.0054	.6482	-.0102	-.0464	-.0081	.0479	.0391
67	.1466	-.1905	.7092	-.0570	-.0193	-.0243	.0871	.0479
68	-.4828	.0233	.1672	.0832	.0577	-.0309	.1336	.2178
69	-.1121	-.1007	.1376	.0586	.0717	.0956	.0751	-.0414
70	.5050	.1027	.1361	.1656	.0851	-.0229	.0745	-.0889
71	.1100	-.0590	-.0503	.8178	.0195	.0574	-.0510	-.0126
72	.1576	.0295	.0199	.1421	-.0032	.0133	-.0603	-.0199
73	-.5547	-.0778	-.0142	.2570	-.1051	-.0864	-.0066	.1244
74	-.4988	.0531	.0130	.2272	-.0691	.0156	-.0055	.0406
75	.1524	.0347	-.0138	.6583	-.0113	-.1012	-.0178	.0295
76	-.1570	-.0009	.0230	.4585	.0210	.0816	-.0218	.2613
77	.7842	-.0024	.0203	-.0199	-.0821	-.0144	.0251	-.0713
78	.6520	-.0434	-.0516	.0865	-.1005	-.0389	-.1291	.1897
79	.9415	.0439	-.0290	.0427	.0161	-.0204	-.0799	.0218
80	.8393	.0150	-.0067	.0848	-.0381	.0390	-.0684	.0156
81	.7217	.0073	-.0114	-.0071	-.0201	-.0920	-.0207	.2292
82	.9021	-.0028	-.0921	.0113	-.0319	.0123	-.0955	.0746
83	.8867	.0672	-.0183	-.0538	.0342	.0037	-.0633	.0440
84	.6142	.0314	.0898	-.1355	-.0817	-.0085	-.0289	.2224
85	.5486	-.0027	-.0195	.0758	.0671	-.0406	.0134	-.1027
86	.3828	-.0748	.1252	.1163	-.0295	.3430	.1407	-.1167

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
44	.3348	-.0592	.1754	.2138	-.0516	-.1320	.0136	-.1014
45	-.0226	.0233	.8330	-.0867	.0167	-.0030	-.0603	-.0287
46	-.0715	.1512	-.0035	-.0531	.1345	-.2575	.0854	-.1145
47	-.1297	.2553	-.0313	.1425	-.0003	-.3872	.1600	.0726
48	.1442	-.0249	.0635	-.0885	.0131	-.7177	-.0937	-.0262
49	.0171	-.0084	-.0271	.0598	.0271	-.7117	.0194	.0597
50	-.0184	.0107	.1798	-.0141	.2110	-.2151	-.0296	-.1984
51	-.1199	.1287	.0300	.0684	-.0404	-.0192	-.2242	-.0159
52	-.0669	.0310	.0649	-.0899	.0394	-.0173	.0575	-.0933
53	-.0169	.2056	.2075	-.0354	.2368	.0401	-.0852	-.0425
54	-.0128	.1661	-.1222	.2085	.1305	-.1468	-.0370	.0119
55	.0181	.0394	.0497	-.1009	-.0264	-.2269	-.1512	-.2382
56	-.0877	-.0836	.1664	.0492	.1441	-.2090	-.1810	-.0955
57	-.0050	.0244	-.0571	-.0361	-.0147	-.1250	-.3090	.0028
58	.0336	.1203	.1609	.1222	.0013	-.0838	-.0487	-.1093
59	-.0343	.0216	-.0458	-.0232	.0037	.0131	-.0011	.0006
60	.0193	-.0769	.0631	.1207	-.0947	-.1074	-.7608	-.1191
61	-.0154	-.0691	-.0122	-.0576	-.0363	.0421	-.2575	-.0790
62	.0841	.0620	.0372	.0255	.0562	-.0038	-.0081	.0915
63	.2336	.2140	.0325	-.1214	.0205	-.1817	-.2509	-.0467
64	.1840	.0143	.1676	.0736	-.0143	-.2171	-.0422	-.2194
65	.1876	.0477	-.0364	-.1671	.0324	.1433	.0316	-.1666
66	-.0188	.2201	-.0520	.0465	-.0497	-.0091	-.1231	.1381
67	.0652	-.0808	.0380	.0045	.0016	-.0079	.1365	-.1462
68	.0354	.1839	-.0525	-.3402	.1335	.0078	-.0925	-.0831
69	.0053	-.0845	-.0341	-.0598	-.0037	-.0397	.0584	-.0304
70	.0688	-.0230	.1126	-.0155	.0273	-.1170	.0088	.1408
71	-.0146	-.0170	.0133	.0280	-.0164	-.0266	.0284	-.0420
72	-.0066	-.0178	.0439	.0385	.0207	.0064	-.0071	-.0877
73	-.0305	.0172	-.0630	.0259	-.1311	.0827	.0228	.0164
74	-.1954	-.0504	.1631	-.0183	-.1708	.0251	.1543	.1070
75	-.0294	-.0961	-.1544	.0727	-.1142	.1080	-.0195	.0508
76	.0085	.0621	.1957	.0023	.0397	-.0376	.0109	.3299
77	.0497	-.0227	.0779	.1253	-.0553	.0862	.0368	.0994
78	.1144	-.0516	-.0585	-.0101	-.0421	-.0773	.0623	-.0184
79	.0222	-.0183	-.0434	-.0005	.0034	.0352	.0063	.0025
80	-.0153	.1058	.0045	-.0944	-.0217	.0272	.0399	.0257
81	.0930	-.0262	.0689	.0325	.0693	.0938	-.1576	-.1134
82	.0905	.0167	-.0485	.0425	.0412	.0449	-.0167	-.0071
83	-.0248	.0090	-.0337	-.0154	.0400	.0061	.0082	-.0052
84	-.1347	.0139	.0848	-.0289	.0440	-.0450	-.0436	.0695
85	-.0453	.0035	-.0927	.0548	-.1558	.0218	-.0201	-.0214
86	-.2899	-.1903	.0148	.1119	.2658	.0561	-.1673	-.0309

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
44	-.1351	.0736	.0261	.0269	.0183	-.0862	-.5462	-.0677
45	.0116	.0156	.0272	.0172	.0400	-.0596	.0108	.0164
46	.0759	.0464	-.0015	.0910	.1737	.0857	-.2125	-.1271
47	.2119	.1768	.0796	.0214	-.2059	-.1624	-.1414	.0619
48	-.0054	.0301	.0310	.0454	.0616	.0230	.1057	-.0985
49	-.0244	.0130	-.0605	-.0153	.0174	-.0072	-.0755	.0163
50	.2590	-.1688	.0850	.0316	.1412	.0843	-.2830	.0476
51	.1012	.0328	-.1488	.0326	.0489	-.1763	-.1570	-.4842
52	-.0029	.0683	-.1233	-.0149	-.0859	-.0333	-.1447	-.1388
53	.1314	-.0573	.0140	-.0584	-.0461	.1893	.0407	.0503
54	.0721	.1641	-.5484	.1253	.0636	-.0528	-.0335	-.1320
55	-.0237	.2029	-.2518	.1755	.0786	.0679	.1236	.0200
56	.1208	.0439	-.2257	.0225	.0435	.1343	.0339	-.1696
57	-.1228	-.0226	-.0675	-.0007	.1653	.0232	.0880	.0253
58	.0520	.0978	-.0442	-.0064	.0497	.0886	-.1670	-.2609
59	-.0244	-.1225	.0707	.0040	-.0921	.0045	.0816	-.0431
60	-.0067	.1053	.0393	.0263	-.0631	.0005	-.0683	.0269
61	.0521	-.1647	-.0877	.4230	-.0229	.0297	-.2075	-.0776
62	.0577	.0721	-.0091	.8221	-.0140	.0704	.0256	.0369
63	.1665	-.0413	-.1487	.2268	-.0894	.1974	.1209	-.0232
64	.1206	.0051	-.0691	-.0693	-.0343	-.0067	-.0120	.1388
65	.0179	.0539	.1085	-.0011	-.0254	-.0164	-.0596	-.1921
66	-.1285	-.1939	.1100	.1146	.0590	.0601	-.0149	-.0215
67	-.0118	.1521	-.0160	.0150	.0644	-.0822	-.0657	-.1086
68	.1378	-.0202	.0176	.1235	-.0499	-.0654	.0223	-.1355
69	-.0103	-.1157	-.0147	-.0415	.0322	.0285	.0643	-.7963
70	-.0082	-.0128	.1245	-.0125	.0637	-.2035	.1006	-.1004
71	-.0055	.0295	.0753	-.0283	-.1003	-.0111	.0254	.0084
72	.0977	.0151	.0342	-.1168	-.0906	-.8056	-.0183	-.0000
73	-.0022	.1066	-.0714	.0584	-.0894	-.2792	.1536	.1449
74	.0404	-.0868	-.2687	.1341	-.1371	-.2887	-.1072	-.0838
75	.0258	.1130	-.0968	-.0733	.1065	-.2671	-.1043	-.0726
76	-.0372	-.0703	-.0777	.0748	.2342	-.3462	-.0249	-.0907
77	-.0090	-.0795	-.0497	-.0487	-.0619	.0432	-.0069	.1593
78	.1172	.1042	.0208	-.0040	.1086	.0908	.2234	.0551
79	-.0112	-.0159	.0072	-.0611	-.0247	-.0395	.0308	.0052
80	.0904	-.0145	.1209	.0310	.1050	-.0663	.0342	.0064
81	.0733	.1052	-.0436	.1067	-.0546	-.1781	-.0072	-.0000
82	-.0032	-.0008	.0336	-.0211	-.0170	-.0801	.0182	-.0169
83	-.0148	.0091	.0500	-.0743	-.0196	-.1766	-.0230	.0508
84	.0203	-.1181	-.0365	.0935	-.0329	-.2097	-.0643	.0309
85	.2239	-.1040	-.1244	-.0020	-.1166	.0599	-.1716	-.0000
86	-.0613	-.1467	-.1482	.0000	-.0057	.0412	-.1148	-.0502

Variable	Factors							
	XXV	XXVI	XXVII	XVIII	XXIX	XXX	XXXI	n^2
44	.0630	.1360	-.1635	.0258	.1648	.0986	.0957	.6805
45	-.0017	.0179	.0820	-.0085	.0515	-.0075	-.0053	.7355
46	.0420	-.0037	.0570	.3525	.1672	-.0954	.0481	.6785
47	-.0188	.0388	-.0602	.1051	-.1008	-.0245	-.0437	.6654
48	.0794	-.0156	-.1625	.1844	-.1118	.1351	.0927	.7386
49	.0166	.0086	.2286	-.0393	.0990	-.0429	-.0248	.6823
50	-.1311	-.1636	.1194	.0204	-.2976	-.0395	.0347	.6452
51	-.2064	.0157	.1110	.0788	.0332	-.0254	.0612	.6795
52	.0067	.1695	.0432	.1450	-.1393	-.0292	-.0255	.7214
53	-.2155	-.1489	-.0120	.0403	-.0316	.1032	.0065	.6270
54	.0275	.0280	-.0144	.0506	-.1216	.0468	-.0532	.6179
55	.0410	-.0375	.1910	.0718	-.0330	-.0829	.1268	.7216
56	.1227	.0639	.0093	.0555	-.1164	.0971	-.0028	.6438
57	.1655	.1685	-.0927	.0933	-.0593	.1139	-.0303	.7301
58	.1372	-.4237	-.0943	-.0063	-.0781	.0989	.0458	.6494
59	-.0768	-.6882	.1021	-.0215	-.0229	-.0039	-.0857	.6508
60	-.0000	-.0268	.0225	.0417	.0937	-.0676	-.0384	.6955
61	.0405	-.1850	.0229	.0247	.0714	.0180	.0265	.6624
62	.0530	.0182	.0648	.0442	-.0756	.0142	-.0275	.7555
63	-.0255	.0726	.0233	-.1714	-.0197	-.0050	-.1080	.7055
64	.4189	-.0256	.3373	-.2186	.0065	.1166	-.0286	.6727
65	.0815	.0319	.0396	-.0021	-.0218	-.4042	.0042	.6910
66	-.0730	-.0876	.0012	.1436	-.1027	.0427	.0150	.7029
67	-.0653	-.0090	-.0398	-.0595	.0001	.0941	-.0629	.7004
68	.1109	.1240	-.1513	.0688	-.1059	-.3133	.0696	.7553
69	.0637	-.0637	.0272	-.0335	.0030	.0127	-.0289	.7483
70	-.0049	-.0903	-.0961	-.1113	-.0962	.3237	.1728	.6408
71	.0261	.0533	-.1095	.0591	.1139	.0230	-.0105	.7494
72	-.0052	.0338	-.0407	-.0044	-.0329	-.0502	.0111	.7514
73	.0379	-.1676	-.1247	.3178	-.0626	-.0623	.0890	.7572
74	.0521	-.1191	.0740	-.1004	-.0204	.0663	.0345	.7015
75	.0113	-.1346	.1510	.0608	-.2493	.0062	-.0036	.7707
76	.0325	.0123	-.1089	-.0399	-.2203	.0172	-.1159	.7441
77	-.0202	-.0519	.1464	-.0741	-.0852	-.0501	-.0255	.7580
78	.0219	-.0125	.0132	.2727	.0996	.0211	.0340	.7176
79	.0174	.0022	.0712	-.0780	-.0166	.0218	-.0037	.9223
80	.0389	-.1047	.0378	-.1086	.0632	-.0809	-.0118	.8208
81	.0143	-.0129	.0247	.0510	.1151	.0850	-.1096	.7501
82	.0510	-.0395	.0164	-.0210	-.0029	.0220	-.0269	.8700
83	.0394	-.0192	-.0758	.0333	.0545	.0028	-.0820	.8665
84	-.0258	.0607	-.2077	.0782	.1859	.0810	-.0262	.6690
85	.1395	-.0082	.1732	-.1056	-.0636	-.1301	.3224	.6721
86	-.0220	-.0425	-.3251	.0790	-.0331	.0889	.0783	.7633

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
87	.7416	-.0569	.0259	.1303	-.0834	.0697	-.0382	.0098
88	.8023	-.1438	.1828	.1335	-.0357	.0102	.0430	.0239
89	.6715	-.0131	-.0512	.0810	-.0735	-.0355	-.0641	.0867
90	.7875	-.0447	.0400	.1899	.0165	.0771	.0204	-.0282
91	.0075	-.8864	.0053	.0936	-.0348	.0514	.0544	.0381
92	-.0040	-.9239	.0235	.0797	.0540	-.0279	.0179	.0266
93	-.0030	-.6999	.0630	-.1453	.1134	-.2016	-.0006	-.0630
94	.0141	-.8140	.0344	.0733	.0574	-.1029	.0008	.0148
95	-.0384	-.8854	.0556	-.1001	-.0891	.0666	.0685	.0006

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
87	.0138	.0813	-.1437	-.0359	.0909	.0231	-.0960	-.1315
88	-.0381	-.0155	-.0692	.0093	.0427	-.0304	.0125	-.0685
89	-.0316	-.0612	-.0416	-.0351	.0189	-.0838	-.2071	.0437
90	-.0010	.0272	-.0875	-.0061	.0930	.0965	-.0734	-.1449
91	-.0110	-.0524	-.0295	.0202	-.0235	.0380	.0382	-.1297
92	.0278	-.0010	.0053	.0058	-.0384	.0137	.0003	-.0626
93	-.0354	-.1316	.0179	-.1083	.0266	-.1075	-.1333	.0627
94	.1678	.0049	.0338	-.0378	-.0454	-.0808	-.0076	-.0031
95	-.0371	.0234	.0304	-.0257	.0245	.0018	-.0567	.0462

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
87	.0930	-.0285	-.1059	-.1056	-.0251	.1108	.0754	.0555
88	.0409	-.0590	-.0711	.0325	-.0395	.0695	-.0130	.0229
89	-.0848	-.0555	-.0872	-.0989	-.0495	.0303	.0765	.1352
90	-.0057	.1079	.0185	-.1229	.0405	.0789	.0818	.0418
91	-.0016	-.0334	-.0009	.0918	.0555	.0053	-.0444	.0614
92	.0053	-.0509	.0165	.0495	-.0324	-.0134	-.0148	-.0079
93	-.0295	.1819	.0409	-.1182	-.0914	-.0256	.0294	-.2308
94	.0398	.0047	.0554	.1112	-.0039	.0241	.0036	.0194
95	-.0122	.0057	-.0296	-.0327	-.0163	.0466	.0262	-.0538

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	$_n^2$
87	.0001	-.0085	-.0625	-.0691	.0496	-.0540	.1648	.7434
88	.0728	.0112	-.0527	.0353	.0350	-.0990	.0474	.7748
89	.0195	.1677	-.0150	-.1037	-.0215	-.2302	.2406	.7446
90	.0151	-.0435	-.0317	.0524	.0125	-.0066	.1344	.7877
91	.0658	.0179	.0455	.0545	-.0206	-.0613	-.0234	.8601
92	-.0006	-.0198	.0107	.0982	.0252	.0017	.0304	.8903
93	.0209	-.0907	.0026	-.1248	-.0147	.0038	.0300	.7753
94	-.1182	-.0569	-.0028	.1625	-.0554	.1188	.0453	.8039
95	.0533	.0235	.0593	-.1049	.0345	-.0508	.0086	.8551

Rotated Factor Matrix for Dorm Sample (37 Factors)

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
1	-.0325	-.0634	-.0037	-.0454	.0431	-.0728	-.0067	.0668
2	.1738	.1432	-.0003	.0048	.1687	-.3333	-.0895	-.0956
3	.0857	-.1511	-.0202	.1043	-.0509	-.7264	.1053	.0260
4	.0631	-.0965	.0685	-.0674	.1018	-.0739	.0093	.0612
5	.2010	-.0062	-.1041	.0722	.0047	-.2679	.0186	.1523
6	.1580	.2008	.0568	-.0319	-.1238	.3654	-.1857	-.0659
7	.1743	-.0240	-.0591	.1883	-.0615	.0108	.0570	.0014
8	.0236	-.0799	.0549	.0643	-.1239	-.0269	.0716	.0342
9	.5520	.0576	-.0418	-.0338	-.0846	.0622	-.0631	-.1082
10	.0587	.0397	-.1424	.3737	-.0757	.0909	.0241	-.0070
11	.0594	.0825	-.1321	-.0333	-.0087	-.2703	.0851	.0173
12	.0734	-.2185	.0760	-.0209	.0476	-.0652	-.0267	.0517
13	.3298	-.0430	.1388	-.0412	-.0981	.0656	-.2483	.1015
14	-.0339	-.0625	.0576	-.7632	.0498	.1147	-.0191	-.1158
15	.2435	.0194	-.0751	-.1916	-.0359	-.0929	.0386	.1230
16	.0620	.0615	-.0074	.1042	.0424	-.0466	-.0137	-.0506
17	.0165	-.0543	-.0089	.0266	-.0535	-.0940	-.0008	-.1091
18	.1635	-.0023	-.0466	-.1908	.1503	-.0785	-.4873	-.3299
19	.0928	.0424	.1274	-.0877	.0707	.0239	-.0367	.1099
20	.0385	.0103	-.0457	.0487	-.0579	-.0081	-.0174	.0329
21	.2586	-.0573	.1682	-.2577	.0639	-.1278	-.1669	.0573
22	.2649	-.1831	.0080	-.0554	-.1456	-.0888	.1708	-.0860
23	.7019	-.0328	-.1126	.0453	.0670	-.1792	-.0226	.0162
24	.0151	-.0634	-.0072	-.0120	-.1659	.2138	-.0960	-.0635
25	.0480	-.0182	.0042	.1170	-.0324	-.1319	-.1809	-.1625
26	.0625	.1096	.0141	-.1115	-.1756	-.0025	-.0140	.0146
27	.1111	-.0081	-.0766	.0679	.0101	.0447	-.0644	.0614
28	.0370	.0511	-.1139	-.0472	-.0588	-.0478	.0085	.1208
29	.3492	.0980	.1681	.0158	-.0267	-.0768	.0803	-.1927
30	.0754	.0842	-.0647	-.0026	-.1364	-.2767	-.1459	-.0422
31	.1265	.0519	-.1847	.0360	.1059	-.0025	-.0534	.0912
32	.1822	.0045	-.1528	-.0275	-.0438	-.0935	.0711	-.0412
33	-.0495	.0079	.0050	-.1255	.0012	.0423	-.0548	-.1348
34	.0984	.0856	-.0793	.0236	-.0133	-.6649	-.0782	-.0298
35	-.1237	-.1480	-.0694	.2959	-.4203	.0998	-.0351	-.1950
36	.0952	-.0849	.0488	-.1930	-.0897	-.3415	-.2683	.0200
37	.3027	-.1426	.1061	-.0664	.0137	.0308	-.0035	-.0200
38	.1294	-.0349	.0644	-.0421	-.0615	-.2502	-.0560	.0531
39	.3473	-.0973	-.0923	-.2035	-.2394	-.0083	-.0813	.0125
40	.0836	.0026	.0267	-.0040	-.0075	-.0084	-.4945	.3181
41	.0585	-.1050	.1684	-.0105	-.0841	.0252	-.0741	.0451
42	.0258	.0633	.0490	.0354	.0190	-.0078	-.0118	-.0554
43	.0047	.0280	.0787	-.0300	.0001	.0445	-.0163	-.0925

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
1	-.0734	-.0678	.0084	-.0439	-.0097	.0761	.0411	.0182
2	-.0773	-.1629	.0363	-.1443	.1935	.0711	-.2637	-.3204
3	.0685	-.0380	.0327	.0948	-.0126	.0096	.0570	.0284
4	-.1203	-.0668	.1091	-.0787	-.0475	-.0626	.0066	.1097
5	-.1520	-.0935	-.0487	.0973	.0970	-.0366	.0412	.0247
6	.0528	.0751	.2602	.1051	.1937	-.0968	-.1417	.0941
7	.0908	-.2179	.0639	.0383	.0014	-.1678	.1530	-.0131
8	-.0091	-.0335	.0109	-.0544	-.0200	.0164	.0320	-.0716
9	.1111	.1114	-.0036	-.0822	-.0610	-.1021	-.2058	-.0071
10	.1779	.1481	.1417	-.0052	-.1924	.0210	-.0824	-.0651
11	-.2636	.0664	-.0400	-.0167	-.0812	-.0177	-.3509	-.0957
12	.1008	.0735	-.0111	-.0727	-.0093	.0330	-.0301	-.0260
13	-.1009	-.0381	.0403	.1551	-.0500	-.0134	.0529	.2865
14	.0362	-.1236	-.0210	-.1507	.0047	-.0344	.0696	-.0076
15	.0046	-.0647	-.2164	-.1286	-.0804	.0650	-.0849	-.0291
16	.0640	-.0317	.0140	.0175	.0636	-.0374	.1302	.0139
17	-.0336	.0414	.0412	.0175	.0636	-.0374	.1302	.0139
18	.2687	-.1533	.1248	-.0541	-.0078	.1848	-.0084	.0398
19	.0175	-.0569	-.0171	.0278	.0301	-.0303	.0277	-.0958
20	-.0114	-.0008	-.0056	.0617	-.0807	.0222	-.7820	.0727
21	.0334	.0938	.0814	.2100	.0531	-.3080	-.0441	-.2470
22	-.0366	.0582	-.1078	.0603	.0514	-.0147	-.0192	-.0167
23	-.0025	-.0418	.0406	.0403	-.0003	.0232	.0243	.0089
24	-.0738	.0264	.1011	-.0013	-.0411	-.0505	-.3134	.0075
25	.0702	.0755	.0605	-.0332	.0107	.0491	.0973	.0381
26	-.2421	.0190	.4164	-.1700	-.1159	-.1541	-.0103	-.0024
27	.0284	.0087	-.0774	-.0029	-.0153	.0528	.0292	.0110
28	.8098	-.0232	.0085	.0022	-.0207	-.0162	.0362	-.1050
29	.0373	.0710	.1049	-.1614	.1449	-.2200	-.2216	.1598
30	-.2716	-.1254	.1873	.1685	.0791	-.0668	.0637	.0423
31	-.2124	-.0292	-.1890	.0190	.0165	-.2100	.0795	.1541
32	.0038	-.1217	.2840	-.1037	.0798	.0121	-.2102	-.0455
33	.1323	.3098	-.0283	.0225	-.0215	-.0855	-.0934	.1090
34	.0431	.0025	-.0014	-.0232	-.1140	.0944	-.1483	-.0184
35	-.2369	-.1194	.0408	.0143	.1245	-.0064	-.0968	-.0955
36	-.1523	.0250	-.0812	-.1784	.0935	-.0547	.1571	-.2080
37	.0817	.4322	.0495	-.0158	-.0643	-.0816	.0182	-.0534
38	-.0915	.0219	-.1840	-.0862	.0726	-.2073	-.1718	.0632
39	-.0930	-.1316	-.1418	-.2345	-.0820	.2272	.1217	.1376
40	.1026	-.0113	.0892	-.0157	-.0550	-.0346	-.0252	-.1066
41	-.1134	-.1291	.0252	.0072	.0831	-.0377	-.0820	.7611
42	.0921	-.0182	.0762	.0504	.0140	-.0615	.0402	.0761
43	.0175	.0098	.0550	-.8392	-.0320	.0534	.0491	-.0356

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
1	-.0765	-.0052	.1184	.0701	.0605	-.0538	-.1051	-.0405
2	.1369	.0272	.1694	.0664	-.0854	-.1178	-.0860	.0623
3	-.0123	-.0223	.0182	.0332	.0778	-.0455	-.0057	-.1241
4	-.1022	-.0669	.1183	-.0021	.0152	-.0239	.0730	.0623
5	-.1541	-.0183	-.1069	.0603	.0232	-.0883	-.1086	.1262
6	.0125	.1100	-.0728	-.0972	.0686	-.0365	.0287	-.0032
7	.0912	-.2836	.0471	-.1018	-.0985	-.0122	-.0045	.0211
8	.0707	.0049	.1110	.0082	.0930	.0260	-.0925	.0230
9	.1528	.1053	-.0482	-.1093	.0428	.0541	.0121	.1559
10	.3132	.0066	.1104	.0970	-.0355	.1907	.1320	-.0175
11	-.1483	.1114	.1876	-.1498	.0745	.0059	-.3039	-.0110
12	-.0239	-.0963	.0278	.0097	.6675	-.0067	.0430	-.0503
13	.0392	-.0982	.0137	-.0630	.1341	.1737	-.0048	-.0323
14	.1254	-.1268	.0031	-.0002	.0787	-.0473	-.0359	.1167
15	-.0067	-.0659	-.2377	-.1994	-.0085	.2018	.1228	-.0673
16	-.0065	-.0655	-.0253	-.0129	-.1111	-.0603	.0144	-.0497
17	-.0223	-.0254	-.0136	-.0297	-.0020	.8250	.0591	.0743
18	-.0142	.0619	.0984	.1790	.0263	.0898	-.0092	.0774
19	-.0153	.0962	.0217	.0110	.0321	.0796	-.0342	-.0628
20	-.0080	-.0685	-.0697	-.0270	-.0041	-.1176	.0451	.0197
21	-.1118	.1115	-.0654	-.1402	.2518	.0116	.1224	.0549
22	-.1845	-.1172	.1008	-.1035	.3273	.0753	-.1209	.0783
23	-.1329	-.0358	.0459	-.0165	.0623	.0018	.0447	-.0074
24	.0291	.0848	.1122	.1096	.2626	-.0869	-.0975	.0591
25	.1040	.1071	-.1707	.0248	.1854	.0396	-.2186	.0537
26	.1544	-.1875	-.0451	.1444	.0143	-.0917	.2699	.0883
27	-.1071	-.0186	-.0616	-.0414	.0817	.0527	.0009	-.0392
28	-.0741	-.0038	.0882	.0145	.0213	-.0418	.0526	.0534
29	.0121	-.1664	-.2904	-.0450	.2316	.0019	-.1188	-.0720
30	-.0277	.1452	-.0273	-.0258	.4020	-.1792	.0134	-.0558
31	.0049	.0100	.0874	.1280	.4321	.1362	-.2874	.0868
32	.1562	.0160	.0052	.1992	.2622	-.0791	.1014	.2446
33	-.0859	-.1609	-.1449	.0392	.0129	-.0706	.0898	-.1023
34	.1322	-.0791	-.0587	-.1668	.0517	.2613	-.0426	-.0215
35	.2105	-.0256	.0949	.0976	-.0764	.0003	-.0337	.0284
36	.0644	-.0453	.0594	.0902	-.1144	-.2657	.0223	.0074
37	.0866	.0126	.2415	.3733	.0024	-.0445	.2051	-.0408
38	.0389	-.0431	.2486	-.0055	.0821	.0926	.0556	.0962
39	.0365	.0872	.2046	.0010	.0772	-.1172	-.0591	-.3111
40	.0475	.0293	.1341	.1498	.1367	.2386	-.2165	.0373
41	-.0147	.0080	.0748	.0552	-.0431	-.0050	-.0304	-.0166
42	-.0404	-.0792	.7618	-.0812	.0353	-.0107	-.0552	.0493
43	-.1110	-.0871	-.0626	.0129	.0407	-.0242	-.0006	.0071

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
1	-.0117	.0356	-.0737	-.0316	-.0500	-.0089	-.8363	.0058
2	.0470	-.0312	-.1473	.0108	.1028	-.1946	.0200	.2353
3	-.0389	-.0185	.0326	.0319	-.0103	.0648	-.0433	.0241
4	.1282	.0200	.0598	-.0335	-.0835	-.0920	.0033	.7179
5	.1495	-.1523	.2762	-.0682	-.2151	-.0921	-.0460	.1703
6	.0907	-.0970	.0778	-.0351	.0109	-.1137	-.1630	-.0847
7	.4305	-.0228	-.0471	.1048	.0508	.0268	-.2556	.1937
8	.0877	.0204	.0032	-.0074	.0499	-.0064	.1098	-.0788
9	.0251	-.0914	-.1496	.0103	.1476	-.0610	.0272	.2357
10	.0529	.0175	.0451	-.1270	-.1485	-.1677	-.2436	-.0116
11	.2426	-.0133	.0650	.0703	.0693	.0431	-.0835	-.0044
12	.0338	-.0424	-.1360	.1109	-.0582	-.0339	-.0917	.0336
13	-.0943	.0473	-.0650	.1307	-.1123	.0206	-.1113	.1248
14	.0270	.0062	.0632	.0373	.0040	.0355	-.0639	.0669
15	-.0678	-.0446	.2184	.0183	-.0851	-.3479	-.0527	.0662
16	-.0593	-.0780	.0011	-.0476	.0163	-.0891	-.1126	-.0076
17	.0450	-.0726	-.0481	-.0049	-.0355	.0003	.0529	-.0259
18	.0599	-.0459	.0727	.0255	-.1046	.0135	-.2143	.0600
19	-.0025	-.8121	-.0051	-.1531	-.0394	.0110	.0206	.0013
20	-.0404	.0152	.0325	-.0352	-.0356	.0689	.0287	.0037
21	.0368	.0034	.0161	.0917	-.0812	.0580	-.1166	-.0536
22	.2551	-.0651	-.0391	-.0540	-.2074	-.1045	-.0910	.1165
23	.0588	-.0463	-.0360	.0330	-.0408	.0587	.0257	-.0460
24	.1587	.1055	-.1710	.0332	-.0009	.0429	.1592	-.0697
25	.0761	-.2902	-.0291	.3249	-.4282	-.0508	.0260	.1484
26	-.0306	-.0136	.0363	-.1001	-.0879	.0043	-.1485	.1860
27	-.1279	-.0133	-.8074	-.0357	-.0739	.0272	-.0691	-.0505
28	-.0796	-.0400	-.0342	-.0280	.0251	-.0615	.0792	-.1026
29	-.0508	.1895	-.0699	-.1356	-.0197	-.2442	-.0820	.0536
30	-.0667	-.0091	.1157	-.0365	-.0330	-.2439	.0156	-.0030
31	-.0974	-.1158	.0334	-.2004	-.0101	.0151	.1640	.1967
32	.2506	-.2134	.0631	.2750	-.1223	-.0005	-.1326	-.0366
33	-.0467	-.0993	-.1813	.1495	-.1485	.0578	-.1116	.1193
34	-.1057	.0229	.0546	-.0486	.0323	-.1231	-.0917	.0242
35	-.0721	-.0896	-.0273	.0033	.0089	-.1563	.0279	-.1185
36	.2133	.0326	.0031	.0237	-.2898	-.0476	.1309	-.1131
37	.0050	-.1460	-.1755	-.0271	-.0826	-.1326	.0808	.0873
38	.1455	.0210	-.2649	-.1778	-.1648	.0279	-.0760	-.1760
39	.1111	-.0701	.0120	-.0491	-.1571	-.0151	.1499	.1195
40	.1322	.0157	-.0647	-.0741	.0672	.1776	.1319	.2062
41	-.0524	.0656	-.0256	-.0492	.0026	-.0183	-.0150	.0805
42	-.0778	-.0130	.0529	.0766	.0205	-.0221	-.1268	.1193
43	-.0390	.0215	-.0250	.0239	-.0420	.0457	-.0679	.0481

Variable	Factors					
	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	n^2
1	-.0771	.0335	-.0759	-.0201	-.1007	.8161
2	-.0663	-.1104	-.0218	-.0271	.0525	.7119
3	.0002	.0711	-.0161	-.0562	-.2551	.7140
4	.0158	-.0032	-.0517	-.0085	-.0385	.6934
5	.0446	.3061	.0894	.2321	.0233	.6538
6	-.0660	.1123	.1322	-.0609	-.1061	.5755
7	-.1346	.0188	.2282	.0741	.1019	.6936
8	.0329	-.0921	.8040	.0270	.0007	.7692
9	.0061	.0678	-.0268	.0462	.1555	.6487
10	.0828	-.1504	.2126	.1099	-.0948	.7033
11	.2070	.1959	-.0016	-.1859	.0119	.7127
12	.0769	-.0642	.0824	-.1192	-.0663	.6372
13	.0247	.1847	.3137	-.1835	-.0556	.6505
14	.0713	.0933	-.0538	.0533	-.0616	.7608
15	.2238	.1960	.1487	-.1132	-.2516	.7532
16	-.7826	.0947	.0052	.0762	.0792	.7375
17	.0821	-.0536	.0207	.0108	-.0253	.7778
18	-.0024	-.0396	-.0548	-.0190	.1984	.7684
19	-.0644	.0362	.0166	-.0257	.0097	.7840
20	-.1278	-.0793	-.0304	.1911	.0220	.7370
21	-.0887	.0663	-.1217	.1630	.1032	.6692
22	-.1844	-.1592	-.0720	.2558	-.0567	.6812
23	-.0720	-.0846	.0237	-.1476	-.0901	.6382
24	-.4871	-.1475	.0115	-.0914	-.2422	.7571
25	-.2618	.0138	.0841	.1553	-.0121	.7669
26	-.0562	.2044	.1880	-.1244	-.1147	.7156
27	-.0319	-.0129	.0369	.0349	-.0851	.7665
28	-.0531	.0714	.0239	.0644	.0364	.7755
29	.0950	.2190	.0253	.0614	.0061	.7781
30	.0459	-.1071	.2125	-.0212	-.1616	.6907
31	.0495	.1500	.1584	.0774	.0518	.7417
32	-.1071	.0713	.0004	.0132	.0827	.6915
33	-.2204	.0576	.4629	-.0403	.1549	.6754
34	-.0376	-.0872	.0479	-.0475	.1098	.7161
35	.1450	-.1092	-.1034	-.1040	.1291	.6577
36	.2523	-.0456	.0357	.0185	-.0894	.7359
37	-.0509	.0147	.0044	-.1219	-.2231	.7495
38	-.0613	.2770	.1497	.1257	.0311	.6291
39	.0370	.1334	.0712	.0475	.0001	.7164
40	-.0686	.0462	.0541	-.0466	-.2008	.7320
41	.0687	-.0097	-.0250	.0568	.0137	.7209
42	.0143	.0869	.0774	-.0567	.0153	.7056
43	-.0128	-.0553	.0502	-.0191	-.0257	.7811

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
44	.2394	-.0880	.0295	.0130	.1141	.0595	.0283	-.2819
45	-.0841	-.0756	.0222	-.0311	.0385	-.0534	-.0713	.0629
46	.0198	-.0678	.0250	.0105	-.0485	-.0015	.0226	-.0303
47	.0470	.1917	-.1651	-.5378	-.0190	.0436	.1449	-.0076
48	.1411	.0122	.0234	-.0619	-.0111	.0231	-.1677	.0480
49	.0906	-.1462	.0242	.0021	.0713	-.0428	.0076	-.0999
50	.0023	.0828	.1050	-.0615	.0682	.0266	-.0662	.0459
51	.0774	.0282	-.0212	.1382	-.0497	-.0988	-.2439	.0643
52	.1056	.0881	-.0012	-.0450	-.2515	.1280	-.1567	-.3279
53	.1040	.0664	-.0351	-.0643	-.0423	-.0409	.0440	.0521
54	-.0594	.0455	.0777	.0070	-.0277	-.0339	-.1837	-.4811
55	-.1936	-.0124	.0884	-.3222	-.1153	-.0931	-.1833	.0936
56	-.0246	-.0413	-.0074	-.0431	-.0434	.0403	-.0988	-.0636
57	-.1378	.0006	-.1123	.0013	-.0283	-.0094	-.5924	-.1734
58	.2996	-.0027	.0593	.0835	.0145	-.0946	-.0443	.2006
59	-.0345	-.0485	.0603	.0766	-.0580	-.0206	-.0058	.7030
60	.1332	-.1615	.0743	.1445	.0320	.1378	-.6349	.0555
61	-.0278	-.0296	-.0060	-.1072	-.0251	-.0929	-.1364	.0263
62	.0008	-.0427	-.0485	-.0898	-.0678	-.0370	.0477	.0093
63	.0701	-.0508	.0698	-.1862	-.0194	-.0523	-.0731	.0284
64	.0283	-.0410	.0718	-.0660	-.0655	-.1088	-.0986	-.0299
65	.0923	-.0215	.0172	.0985	-.6393	.0454	.0998	.0802
66	-.0035	-.0938	.0685	.0311	-.0254	-.0624	.0593	.0406
67	-.0443	-.0379	.2050	.0226	-.0182	-.0617	-.0996	-.0438
68	-.0485	-.0094	.0689	-.0678	-.7826	-.0903	-.0308	.0327
69	.0266	-.0474	.1047	.0143	-.0117	.0106	-.0116	.0024
70	.0002	-.0115	.0897	-.0083	.0601	.0743	.0956	.0465
71	.0262	.0592	.1638	-.0346	.0852	.0983	-.0885	-.0457
72	.0808	-.0503	-.0105	-.1193	-.2446	.0270	-.1051	-.0601
73	.0408	-.0721	-.0599	-.4100	-.2125	.0826	.0356	.0731
74	-.0659	.0374	-.0590	-.1224	.1223	-.0918	.0725	-.0101
75	.0077	-.0083	.3943	.1258	.1311	.1055	.0073	-.0101
76	-.0288	.0956	.0040	-.0231	-.0027	-.0990	.0167	-.0678
77	-.0407	-.0716	.3126	-.0162	.1319	.0152	.2215	-.1032
78	-.0368	-.1863	.0300	-.1875	.0841	-.1128	.0211	-.0126
79	-.1616	-.0017	.3783	.0408	-.1571	.0281	.0809	-.0106
80	.0028	-.0454	.3602	-.0719	-.1093	.1372	.0885	.1790
81	-.0690	-.1794	-.0299	-.0435	-.0785	-.0232	-.1666	-.0569
82	.0234	-.0955	.3266	.0781	.0919	-.1126	-.0310	-.2160
83	-.0740	.1139	.0202	.0715	.0425	.0899	.0555	.0432
84	-.0131	-.0388	-.0134	-.0579	-.1064	-.1140	-.0393	-.0746
85	-.1112	-.1471	.6206	-.0841	-.0031	.0071	.0403	-.1207
86	.1017	.1378	.3040	.0907	.1177	.0452	.0023	.1599

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
44	-.1249	.1381	.0344	-.0219	-.2076	.0255	-.0191	.2264
45	-.0319	-.1075	.1018	.0232	.0724	-.1282	.0036	.0041
46	.0171	-.0155	.7774	-.0726	.0230	-.0093	-.0250	.0122
47	.0747	-.0046	.1330	.1511	-.0536	-.0793	-.1344	-.0322
48	-.2511	-.0216	.2942	.0164	-.1267	-.0096	.0153	.1620
49	.0097	-.0138	.0064	.0415	.0178	-.0784	-.0313	-.1072
50	-.0138	-.0137	-.0554	-.0179	.0436	-.0041	.0390	-.0436
51	.0736	.0144	-.1221	-.0301	-.0063	-.1646	-.0126	.0173
52	-.0162	.0570	-.0750	-.0009	-.0498	-.0525	-.0208	-.3502
53	-.0876	.0239	.0069	-.0234	.0648	.0888	.1600	-.0293
54	-.0459	-.0135	.1934	.1361	-.0902	-.0979	-.0716	-.0292
55	.0318	.2623	.0137	-.2095	.1595	.1479	.0105	.1604
56	.1032	-.0404	-.0137	.0108	-.0562	.0993	.0695	.0115
57	-.1411	.0697	-.2283	-.0810	-.0376	.0035	-.0560	.0866
58	-.1436	.0908	.0637	.0489	-.0621	-.1278	-.2091	.0283
59	.1199	-.0290	.0091	.1412	-.0357	.0076	-.0549	.0666
60	.0072	.0925	.0826	.0674	.0022	-.1717	.0104	.0874
61	.0165	-.1294	-.0150	.0982	-.0439	.0286	-.0610	-.0276
62	.0219	-.7940	-.0063	-.0211	-.0838	-.0259	.0022	.0950
63	.0812	-.3667	.1684	.1215	.2220	.1451	-.3606	.1347
64	-.0332	-.0907	-.0645	-.0088	.0148	-.0727	.0092	.0073
65	.1781	.0255	.1680	.0582	.0483	.0160	-.0062	.0130
66	-.0700	-.0110	.0444	.0699	-.0190	.0088	.0796	.0272
67	.0410	-.0300	-.0752	-.0843	-.0384	-.2244	-.0897	-.0032
68	-.0143	-.0776	-.0011	-.0381	-.0914	-.1898	-.0506	.0934
69	-.0473	-.0130	.0177	-.0414	.0421	-.0003	-.0579	-.0102
70	-.0644	.0418	.0387	.0339	-.0924	-.0000	-.1238	-.0261
71	-.0622	-.0223	.0495	.0233	.0725	.0119	.0033	-.0740
72	.0015	-.0006	-.0424	.0364	-.0183	-.7790	.0224	.0299
73	-.0309	.1042	-.0392	.0752	-.0558	-.0191	.0808	.1709
74	-.0856	-.0409	-.0219	.1567	.0632	.0443	.0244	-.0120
75	.0203	-.0600	-.3670	-.2320	.2191	-.0459	-.0880	-.0211
76	.0768	-.0650	-.1856	-.1137	-.0396	-.1418	.1426	.0614
77	.1872	-.0851	-.0922	.2965	.1228	.0842	.1056	.0156
78	-.0383	-.1142	.0897	-.4182	-.0153	-.1018	.0664	.3259
79	.0634	.1029	-.0144	-.0247	.0538	-.1015	-.0296	.0262
80	.0462	-.0809	.2029	-.2247	.1160	-.1653	.0968	-.1130
81	.3624	.1254	-.1090	-.0276	-.2633	-.0715	-.1723	.3837
82	.1220	-.1000	.1060	-.0268	-.0699	-.1352	-.0641	.2323
83	.0022	-.0144	.0995	-.0008	-.1633	-.6766	.0198	.0439
84	.0326	-.1128	.0554	-.0720	-.7812	-.1133	-.0163	-.0080
85	-.0573	-.0672	.0824	.0638	.0377	.1498	-.0538	-.1386
86	.0076	.0539	-.0859	.0544	-.6181	-.0256	-.1091	-.0687

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
44	-.0469	-.4069	.0898	-.1176	-.1495	.0694	-.3989	-.1485
45	.0286	.0185	.0370	.0023	.0232	-.1379	-.7078	.1356
46	-.0368	.0031	.0836	-.0821	-.0057	.0574	-.0927	-.0029
47	.0322	.0438	-.0063	-.0133	-.0770	.0860	.0770	-.1647
48	.2177	.0466	.0097	-.4338	-.0500	-.0430	.0416	.0862
49	-.0442	.0883	.0989	-.7610	-.0100	-.0393	-.0024	-.0219
50	-.0259	-.0537	.0823	-.0349	.0621	.0139	-.0453	-.0207
51	.2279	-.1850	-.1084	-.1184	-.0351	-.0794	-.0631	.0258
52	-.0024	.0007	-.0053	-.0086	.2342	-.0040	-.0897	.0331
53	-.0002	-.0103	.0883	-.0677	.0775	.0153	-.0625	.0229
54	.0941	-.1329	.0839	-.1292	.1802	-.0780	.0216	.0285
55	.0432	-.2225	.0355	-.3614	.0324	-.0901	-.0822	.0542
56	.0268	-.0163	.0809	-.0830	-.0783	-.0485	-.1072	.0918
57	-.1205	-.1029	.0395	-.1540	.0098	.0282	.2007	-.0465
58	.0630	-.2210	-.0346	.1127	-.0067	-.1211	-.0829	.0387
59	-.0486	-.0445	-.0351	.0521	.0995	-.1491	-.0368	-.0051
60	-.0397	-.1888	-.0995	-.0421	-.0121	-.1579	-.2170	-.0353
61	-.0179	-.7699	.0572	.0987	.1028	.0198	.0308	.0048
62	.0388	-.0951	.0268	.0135	-.0232	-.0640	-.0394	-.0392
63	-.0534	-.1090	.0875	.0101	-.0230	.0869	.0283	-.0284
64	.0369	.0046	-.0185	-.1064	.0669	.0291	-.0710	.0271
65	-.1060	-.0659	-.0740	.1113	.0275	-.0013	.0221	-.0855
66	-.0209	-.0668	-.0329	-.0146	.0597	-.0782	.0429	-.8154
67	.0468	.0735	-.0500	.0227	-.0364	.0016	.0781	-.7140
68	-.0749	.0271	.0072	-.0363	-.0203	.0615	.0550	-.0058
69	.0700	-.0089	-.0249	-.0606	-.0546	.0096	.0319	-.0871
70	-.0588	.0946	.0048	.0376	.0348	.1364	-.0807	-.0583
71	-.0766	-.0676	-.0569	.0119	.0697	.0603	.0346	-.0106
72	.0428	.0046	-.0028	.0281	-.0841	-.0197	-.0722	-.0411
73	.0673	.0135	-.1572	.1096	-.3138	-.0651	-.0553	.0555
74	.7849	.0159	-.0485	.0136	-.0108	-.0322	-.0197	-.0202
75	-.0538	-.2513	.2219	-.0145	-.2019	-.0625	-.0056	-.0965
76	.1120	-.1427	.0048	-.2238	.1244	-.2980	.0826	-.0135
77	-.0433	.2616	-.1902	.0507	-.0263	-.1471	-.1430	-.1176
78	-.2037	.0142	.0444	.0807	.0648	.0004	.2038	-.0406
79	.0838	.0287	.1312	-.0043	.0842	.0635	.0150	-.2899
80	.1042	-.1340	-.1126	-.0032	.4001	.0101	-.1249	-.1170
81	.1155	.0439	.0100	.0292	.2411	-.0045	-.0904	-.0619
82	-.1397	-.0054	.0000	.0954	.0956	-.0569	.0202	.1587
83	-.1120	.0118	.1108	-.1052	.1485	.0545	-.0660	-.1620
84	-.1347	-.0055	-.0525	-.0496	-.0428	-.1524	.0212	-.0547
85	.0290	-.0249	-.1233	.0759	-.0484	.1338	-.1812	-.0430
86	.1457	-.1263	.0749	.1174	.0160	.1568	.0507	.0005

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
44	-.0228	-.0235	.1161	-.0181	-.0252	.1422	-.0774	-.0606
45	-.0060	-.0331	-.0105	.0764	-.0886	-.0591	-.1150	-.0554
46	.0547	-.0031	.0679	-.0228	.0274	.0308	.0081	.0555
47	-.1155	-.1312	.0375	.0482	-.0794	-.1674	-.0442	-.0558
48	.1943	-.1768	-.2415	.2396	-.1323	.1093	.0125	.1502
49	-.0496	.0512	-.0397	-.0097	-.0335	.0350	.0754	-.0232
50	-.0351	.1722	.0372	.7866	-.0268	-.0137	.0301	-.0267
51	.0951	.1382	.1991	-.0695	-.2884	.0999	.0366	.1380
52	.0335	-.1431	.2121	-.1854	-.0277	.2337	-.1827	.3909
53	-.0390	-.0666	-.0200	.0774	.0340	-.0359	-.0322	-.0338
54	.0943	-.1165	-.2206	-.1221	.0420	-.0498	.0382	.0718
55	.0717	-.0801	.0951	-.0734	.0605	-.0966	.0403	.0828
56	.0556	-.0050	.0393	.1135	-.0309	.0271	-.0253	-.0089
57	.0739	-.0502	-.1099	.1633	.0569	-.0068	.0176	-.0283
58	-.0483	-.2521	-.0182	.4287	.1381	.0406	.0053	-.1365
59	-.0207	-.1521	-.0864	.0417	-.0060	-.0102	-.0971	.0492
60	-.0398	-.0166	-.0403	.0341	.0820	-.0446	-.0172	-.0721
61	.0590	.1218	-.0341	.0874	.0384	-.0148	.0063	.0514
62	.0221	-.0794	-.0110	-.0151	.0131	.0001	-.0232	-.0640
63	.0027	.0081	-.0227	.2201	-.1506	-.1090	.1841	-.0158
64	.0601	-.0040	-.0891	.0738	.0745	-.0072	-.1050	.0223
65	-.1232	.0305	.0095	-.0677	.1559	.1896	.0030	-.0089
66	-.0667	-.0510	.0179	.0249	-.0622	.0194	.0494	-.0821
67	.0974	.0120	-.0763	-.0196	.0401	.0832	-.1403	.0159
68	.0532	.0719	.0093	-.0171	-.0509	-.0804	.0288	-.0458
69	.0180	-.0338	-.0183	-.0056	-.0775	.8403	.0019	-.0418
70	-.0284	-.0271	-.1219	.0446	-.7716	.1027	-.0585	.0439
71	.7384	.0311	.1654	-.0527	-.0449	.0524	.0404	.0573
72	.0044	.0557	.0245	-.0379	-.0694	.0205	.0693	-.0002
73	.3622	-.1122	-.1265	-.1247	.1580	-.0881	.1111	.0967
74	-.0796	.0170	.1025	.0037	.0043	.0865	.0850	-.0821
75	.0583	-.1114	.0544	-.0095	-.1670	.0721	.0740	.0851
76	.0749	-.0478	.0816	-.0989	-.5445	-.0018	-.0229	.0300
77	-.1035	.1077	-.2474	.1703	-.0294	-.0114	-.0474	.1990
78	.1123	.0662	.0761	.0012	.1808	-.0573	.1206	.1136
79	-.1030	-.3302	-.0683	.2525	-.1125	.1671	.0253	.3177
80	.1694	-.0255	-.0103	.1257	-.1603	-.0691	.1140	-.2579
81	.2608	-.0497	.0393	.0063	-.0397	.0989	-.1590	.0556
82	.0604	-.3791	.0176	-.0042	-.1845	.2473	.0874	-.0690
83	.0434	-.1630	.0432	.0714	.0192	-.0250	.0279	.1039
84	-.0337	.0100	-.0530	-.0248	-.0438	-.0608	-.0365	.0402
85	-.1939	-.0163	.1104	-.0040	-.0809	.1193	-.0564	.1273
86	-.0554	.0227	.0542	-.0325	-.0925	.0036	.0540	.0134

Variable	Factors					
	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	n^2
44	.0549	-.0144	.0178	.1376	-.0001	.7608
45	-.0338	.1159	.0749	-.1128	-.0892	.6912
46	-.0131	-.0123	-.0055	.0376	.0651	.6672
47	.1135	-.1185	.0748	-.1086	-.0730	.6263
48	-.0510	-.0155	-.0086	.0383	.0234	.7420
49	.0034	.1007	-.0056	-.1252	-.1165	.7282
50	.0202	.0578	.0346	-.0460	-.0475	.7238
51	-.0037	-.0488	-.0848	-.5596	.1124	.7971
52	-.0192	.0841	.1120	.0045	.0730	.8024
53	.0616	.0518	.0149	-.7394	-.1059	.6811
54	.1022	.4169	-.0120	-.1615	.0540	.7613
55	.0424	.0895	-.0776	-.0201	-.2654	.7372
56	-.0765	.7617	-.0917	-.0332	-.0998	.7206
57	-.0009	.1408	-.0099	.0533	-.0285	.6777
58	.2501	.0904	-.0240	-.1266	-.0982	.7280
59	.1318	-.0274	.0054	-.1170	.0656	.6779
60	-.0410	.0767	-.0856	-.0612	-.1551	.7377
61	-.0488	.0338	.0354	-.0808	.0007	.7368
62	-.0379	.0330	-.0189	.0158	-.0892	.7149
63	.0570	.2070	.1552	-.1427	-.1349	.7180
64	.0429	.0765	-.0290	-.0601	-.8174	.7967
65	.0082	.0005	.1419	-.1281	-.1216	.6877
66	-.0622	-.0535	-.0931	.0395	.0748	.7703
67	.0286	-.0618	.1358	-.0318	-.0654	.7379
68	-.0230	.0717	.0669	.0419	-.0246	.7457
69	.0825	.0149	.0189	-.0067	-.0028	.7684
70	-.0018	.0485	-.0881	-.0638	.0884	.7573
71	.0515	.0836	.0478	.0174	-.0960	.7086
72	.0820	.0222	-.0012	.0377	-.1050	.7623
73	.0409	-.0911	.0134	-.1473	.1572	.7322
74	-.0046	.0510	.0519	-.0798	-.0436	.7698
75	.1547	.0717	.1209	-.0143	-.0997	.7390
76	.0858	-.0065	.1774	.0134	-.0100	.6845
77	.1023	-.0450	.0178	-.0293	-.0100	.6893
78	-.1627	.1729	-.1225	-.1145	.1416	.6998
79	.0173	.0296	-.1083	.0810	-.0766	.7095
80	.0071	-.0023	-.0137	.0300	.0015	.7586
81	.0126	.0509	-.0140	-.1218	-.1854	.7391
82	.0906	-.2700	-.0822	-.0223	-.0922	.7284
83	-.0389	-.1487	.0220	-.0103	.0261	.7005
84	.0160	.0554	.1071	-.0065	-.0025	.7623
85	.0496	.0162	-.0565	.0443	-.0669	.6941
86	-.0712	.0140	-.1303	.1159	.0336	.7244

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
87	.0976	.0238	.7355	.0461	-.0927	.1270	-.0659	.1517
88	-.0651	-.057)	.7513	-.0220	-.0066	-.0464	.0556	.0212
89	-.1306	-.1308	.5838	-.0990	.0517	.0273	-.0321	-.0600
90	-.0035	.0576	.5999	.1031	-.0341	.0089	-.0434	.0068
91	.0268	-.9052	.0113	-.0369	-.0043	.0267	-.0382	.0044
92	.0300	-.9273	.0346	-.0022	.0110	-.0802	-.0162	.0355
93	.0094	-.7422	.0870	.1292	-.1468	.0029	-.0642	.0175
94	-.0014	-.8265	-.0232	-.0596	.0541	-.0217	.0373	-.0105
95	-.0396	-.8623	.0603	.0268	-.0267	-.0105	-.0247	.0033

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
87	-.0154	-.0054	.0497	-.0354	-.0519	.0983	.1384	.1379
88	.0071	.0563	-.0176	-.0217	-.1538	-.1188	.0068	.0373
89	-.1780	.1596	-.1582	-.0139	.0156	-.0581	.0407	.1830
90	-.0979	.0574	.0876	-.1175	-.0033	-.0660	-.0708	.1263
91	.0093	-.0119	-.0069	-.0211	.0317	.0333	.0238	.0915
92	.0003	-.0294	-.0057	-.0101	-.0023	.0372	-.0223	.0419
93	-.0070	.1253	.0193	.0750	.0140	-.1661	-.1016	-.1009
94	.0403	-.0866	.0073	-.0552	-.0071	.1036	.0417	.0784
95	-.0747	.0114	.0520	.0451	-.0068	-.0388	.0433	.0075

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
87	.1251	.0739	.1076	-.0730	.1116	-.0614	.1013	-.0076
88	-.0953	-.0685	-.0001	-.0278	.0795	-.0052	.1054	-.1577
89	-.0882	-.0889	.1936	-.0919	-.1723	-.0619	-.0942	-.0498
90	-.1782	.1827	-.0934	.0690	-.0268	-.0253	-.0871	-.0385
91	-.0032	-.0301	-.0503	.0535	.0783	.0184	-.0269	.0017
92	.0221	-.0622	.0053	.0301	.0853	-.0179	-.0416	-.0116
93	.0243	.1301	.0522	-.2063	.0258	.0198	.0931	-.0523
94	-.0193	-.0494	.0100	-.0346	-.0131	-.0101	-.0919	-.0591
95	-.0658	.0270	-.0490	-.0574	-.0200	.0520	.0230	-.0392

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
87	.1223	.0235	.0283	-.0109	.0480	.0316	-.0016	-.0589
88	.0515	-.0979	-.0328	.0946	-.0092	.0582	.0277	.0552
89	.0156	-.1028	.0263	.0748	-.0280	.0080	-.0233	-.1791
90	.4509	-.0463	.0105	-.0019	-.0184	-.0659	.0106	.0737
91	.0087	-.0306	-.0408	-.0306	.0180	.0170	-.0330	.0113
92	.0542	.0233	.0124	-.0044	.0107	.0129	-.0338	.0878
93	-.1593	.0320	-.0324	-.0124	-.0560	-.0169	.0811	-.0951
94	.1048	-.0457	.0326	.0869	.0134	.0285	-.0169	.1841
95	-.1112	.0616	.0047	-.1188	.0072	.0240	-.0218	-.1551

Variable	Factors					
	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	n^2
87	.0405	.0544	-.1187	-.0039	.0876	.7741
88	-.0069	-.0699	.1564	-.0069	-.0723	.7427
89	-.2186	-.0040	.2196	.0116	-.0379	.7689
90	.0055	.0272	-.0179	.0145	-.0236	.7436
91	-.0398	.0329	.0286	.0605	-.0604	.8654
92	.0306	.0309	.0033	.0437	.0031	.9063
93	-.0355	-.1292	.0822	-.1307	-.0617	.8390
94	.0495	.0495	-.0702	-.0063	.1253	.8220
95	.0309	-.0052	.0605	.0565	-.0689	.8489

Rotated Factor Matrix for Greek Sample (36 Factors)
(Fraternity and Sorority)

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
1	.0614	-.0361	-.0381	-.0475	-.0448	.0468	-.1141	.0610
2	-.0704	-.0274	-.0942	-.0563	.0350	.0533	.0198	.0279
3	.0734	-.0806	-.0377	-.2430	.1528	-.1088	-.1462	-.1428
4	.1303	.0470	-.1961	.1311	.3107	.2641	-.0081	-.0621
5	.0630	.1466	.1220	-.0001	.2349	.1834	.0970	-.0381
6	.1254	-.1014	-.0623	-.0987	-.0604	.0374	.0003	-.0270
7	.0142	.0030	-.0529	-.0115	.0976	.0407	.0114	-.0333
8	.1301	-.2890	.0852	-.1075	.0488	.4014	.0124	-.1136
9	-.0318	-.0606	-.0376	.0506	.1498	.1277	.0230	-.1619
10	-.0795	-.2667	.0669	-.2172	-.1206	.0865	-.0358	.0175
11	.0887	-.0891	.0821	.0841	.0776	.1003	.1225	-.3513
12	.1033	-.0592	-.0597	-.1024	.0201	.0638	-.0361	.0828
13	.0654	.0111	-.0300	.1086	.1405	.7015	-.0012	-.1344
14	.0581	.0996	-.1814	.4052	.2018	-.0263	.0842	-.1773
15	.0866	-.0734	-.1048	.0731	.0003	.3043	-.0444	-.2618
16	-.1441	.0200	.1437	.0129	.0945	-.0886	-.0137	.0300
17	.0306	.0827	-.0615	.0440	.0803	.0109	-.0847	-.0233
18	.0526	.0499	.0175	.0004	.0153	.0198	-.1514	-.0607
19	.0050	.0704	.0370	.0293	.0764	-.0117	-.7747	-.0156
20	-.0154	-.0890	.0014	-.2511	.0051	-.0071	-.1399	.1369
21	.0043	-.1055	-.0455	-.3150	.1331	.0988	-.0643	.0577
22	-.1321	-.0509	-.0248	-.1329	.0085	.2877	-.2102	.0314
23	-.0298	.0844	.0515	-.1396	.1989	-.0415	-.0676	-.0780
24	-.0512	.0083	.0099	.0730	.1045	-.1274	.0516	.1642
25	-.0350	-.4970	.0454	-.2662	.1702	.0540	.0285	-.0248
26	.0772	-.0442	-.0841	.0291	-.0918	.6209	.0018	.1004
27	-.0856	.0335	.0258	.0071	.0441	-.1002	-.0546	.0526
28	.0301	.1099	-.0128	.0734	.0386	-.1477	.0188	.7098
29	-.0193	-.1228	-.1110	-.1195	.2630	.0699	-.2493	-.0443
30	.0336	-.0342	.0042	-.2080	.2762	.1751	.0557	-.1139
31	-.0349	-.2048	.0892	.0804	.1312	.0025	.1667	-.1322
32	-.0015	-.3094	-.0438	.0479	.1195	-.1396	-.0291	-.0965
33	-.0124	-.0079	.0838	.1281	-.0561	.0856	.1752	.0739
34	-.0127	.0030	-.0042	-.7887	-.0322	-.0518	.0225	-.0131
35	.1286	.0363	-.0359	-.0576	-.1768	.0566	-.3400	.1676
36	.0868	-.0351	.0630	-.0027	.3144	.0577	.0669	-.0469
37	-.0042	-.7954	.0193	.0307	.0415	.0213	.0126	-.0786
38	-.0633	-.2976	.1381	.2669	.0077	.2462	-.0523	.0152
39	.1473	.0246	-.0458	-.1093	.1775	.5178	.0412	-.1013
40	-.0627	.0204	-.0274	.0411	-.0109	.0309	.2150	.0212
41	.0928	-.1654	.1262	.0529	-.1481	.1596	-.2739	.0436
42	.0657	.0568	-.0149	.0320	-.0260	-.0307	-.0469	.0187
43	.0633	-.0373	.0423	.0622	.0259	-.0191	-.0320	.0024

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
1	.0594	-.0460	.0386	.0038	-.0249	-.0643	.0318	.0842
2	-.0529	.0349	.0525	.0124	-.0077	.0134	.0343	.1331
3	.1198	-.0537	-.1506	.0689	.1918	-.0624	-.0815	.0683
4	.0052	-.0745	-.0109	.2666	-.0283	.3372	.1005	.0727
5	.2985	.2162	-.0125	.0979	-.0785	-.0969	-.1407	.0656
6	.0822	.1455	-.1342	-.1078	.0581	.0640	.0818	.0793
7	.0462	-.0365	-.0039	.0111	-.1124	.0306	.0038	.0024
8	-.2273	-.1981	.0343	.0546	-.1133	-.1202	-.1154	-.0535
9	.2330	.0851	-.0500	.1287	.1511	-.2315	.1121	.2339
10	.1507	-.1932	.0821	.0235	.0474	.0205	-.0099	.2351
11	-.1662	.1110	.1479	-.0863	.0876	.0736	-.0747	.1075
12	-.0349	-.0003	.0250	.0516	-.0126	.1038	-.0866	.0323
13	-.0329	.0029	.0515	.1742	.0167	.1302	.0386	-.0325
14	-.0655	.0386	-.0195	.1117	-.0798	.2202	-.0914	-.0551
15	.1424	.0280	.0353	.0350	.0791	.0283	-.0276	.0340
16	.0071	-.0536	-.0503	-.1369	.0221	-.0624	-.0671	-.0529
17	.0586	.0170	-.0736	.0008	-.0138	-.0406	-.0566	.0717
18	.1069	.0075	-.0132	.0192	-.0134	.0576	.0631	.7450
19	-.0983	-.0125	-.0259	.0768	.0204	.0937	-.0559	.1777
20	.1369	-.0041	-.1544	.0741	-.0330	.0244	.0501	-.0007
21	.0804	.5680	-.1779	-.0306	.0194	.0871	.0820	-.0173
22	.1287	.0774	.0679	-.0594	-.1560	.0154	.1358	.1708
23	.4626	.2748	-.0459	.0415	.0565	.0497	-.1129	.0049
24	.0107	.0096	.1036	-.0518	-.0145	-.0642	-.0302	.0090
25	.2109	.1950	.0306	.2198	-.1118	.0812	.0024	.1342
26	.0188	.0135	-.1158	-.0708	-.0110	.0492	.0839	.0640
27	-.0864	-.0465	.0135	.1177	-.0303	.1083	.0075	-.0409
28	.0183	.0426	-.0374	.0389	.0745	.0126	.0088	.0084
29	-.0012	.1795	-.1141	.2223	-.0433	.0233	.1092	.0679
30	.1375	.1068	.0473	.0388	-.1210	.0272	-.2290	.0528
31	.1658	.1148	-.0744	.0502	-.0142	.0467	-.1227	.2001
32	.0783	.4789	.0915	.0395	.1732	.0163	.1396	.0459
33	.0645	-.1775	.0688	.0813	-.0182	.0841	.0260	.1242
34	-.0746	.0525	.0145	.0187	.0658	.0248	.0761	-.0702
35	.1685	-.0526	-.1695	-.1657	-.2535	-.0563	-.0693	-.1952
36	-.1513	.4104	-.1028	-.0583	-.0929	-.1014	-.1511	.2584
37	-.0444	.1006	-.0811	-.0250	-.1286	.0723	-.0908	-.0805
38	.0375	.2142	-.0949	.0211	-.0722	-.1164	.1783	.1247
39	-.0812	.2177	.0969	.0929	-.1236	-.0101	-.0244	.0371
40	-.0439	.1412	.1138	.0830	-.0632	.0851	.0316	.0254
41	-.0275	.0883	-.1580	.0810	.0255	-.0049	.0476	.2905
42	-.0301	-.0054	-.0100	.0288	-.0637	-.0424	.0363	-.0125
43	.0016	.0318	.1138	-.0388	-.0080	.0213	-.0496	.0193

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
1	-.0017	.0400	-.0597	.0249	-.0164	-.1061	.0411	.0025
2	-.7796	-.0025	-.0097	.0091	-.0770	-.0189	-.0579	.0381
3	-.2419	.0976	-.0429	.0517	.0692	.0638	.0183	.0219
4	.1252	-.0889	.0443	.0425	-.0701	-.1425	-.2638	.1026
5	.0730	-.1758	-.0167	.0688	.0525	-.0313	.0816	-.3386
6	-.0893	.0059	-.4409	-.1846	.2578	-.1276	.3831	.0548
7	-.0150	-.0793	-.0993	.0113	.0890	-.7696	.0291	-.0108
8	-.1157	-.0785	-.0535	.1302	.1011	.0243	.0092	-.1619
9	-.1201	-.1169	.0646	.1293	.0832	-.1754	.0496	.3702
10	-.0724	.0552	.1113	-.2357	-.2632	-.3830	-.0799	.0312
11	-.0646	-.0084	-.0978	.0840	.2097	-.0637	.0720	-.0662
12	-.0389	-.0832	.0487	-.0595	.0953	.0216	-.0280	.7639
13	-.1127	-.0066	-.0199	.1431	.0661	.0064	-.0972	.0711
14	.0246	-.0430	-.0027	.0173	-.2367	.1428	.1197	-.0612
15	-.1231	-.1180	-.2171	.0071	.0140	.1999	-.0634	.0593
16	-.1163	.1018	-.0730	-.0276	-.0275	-.0577	-.0331	.0133
17	.0895	-.0225	.0653	-.0061	.7875	-.0670	.0406	.0860
18	-.1527	.0540	-.0273	-.0007	.0771	-.0102	-.0255	.0579
19	-.0029	.0152	.0161	.0456	.0763	.0243	.0207	.0079
20	-.0616	.0448	.0303	-.4142	-.0516	.0575	.0292	.0585
21	.1064	-.0919	-.0334	.0962	-.0468	.0365	-.0070	.0143
22	.1760	-.1266	-.1014	-.2046	.1108	.0198	-.2695	.0177
23	.1219	-.0672	-.0835	-.0569	.0104	-.1137	-.1082	.0441
24	.0646	.0125	-.0468	-.7692	.0043	-.0105	-.0377	.0388
25	-.0755	.1159	.0012	-.0387	.0573	.2077	-.0735	-.2693
26	-.0231	.0279	.1255	.0492	.0242	-.0700	-.0351	.0147
27	.0342	.1022	.0130	-.0710	-.0440	.0378	.0799	-.0350
28	.0407	-.0418	-.0273	-.0064	.0178	-.0975	.0466	.0642
29	-.0151	-.0270	.0593	.0252	.1620	-.1245	-.0521	-.1762
30	.0350	.0143	.0222	.1442	.0828	-.1251	-.3889	.0407
31	-.0054	-.0947	-.1216	-.0991	.0929	.0310	-.0426	-.0498
32	.0897	-.1044	.0105	.1652	.0859	.0727	.0365	-.0147
33	-.0966	.6165	-.1731	.0671	.0626	-.0349	-.0381	-.0114
34	-.0503	-.0579	.0246	.0274	-.0493	-.0305	-.0144	.0773
35	-.0066	.0934	-.1476	-.0113	.0263	-.2722	-.1538	.1376
36	-.1870	.0987	-.0384	-.0573	-.0560	-.0603	.0055	.1828
37	-.0118	-.0157	.0129	.0158	-.1049	-.0623	-.0125	.1476
38	.1391	.1290	.1488	.2084	-.0648	-.0051	.0514	.0363
39	.2183	.0763	-.0306	-.0762	-.2569	-.1379	.1424	.0385
40	-.0545	-.6937	-.0636	.0767	.0763	-.0879	-.0602	.1165
41	-.0618	-.2894	-.1094	-.0999	-.0540	-.2017	-.0229	-.1986
42	-.0130	.0235	-.8123	.0179	-.1080	-.0764	-.0306	-.0543
43	.0528	.0350	-.0198	-.0773	-.0376	-.0928	-.0182	.0148

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
1	.0711	.0201	.0386	.0547	-.0668	-.0287	.7503	-.0542
2	.0432	-.0226	-.0560	.0729	-.0390	-.0379	-.0013	-.0160
3	.0716	-.0535	.4490	-.0980	.0429	-.0929	.2221	.1600
4	.0559	.0749	-.0490	.0641	-.0591	-.0283	.0538	.0989
5	.0593	-.0587	.0777	-.0129	-.1902	-.1014	-.0278	.0551
6	-.2697	-.1058	-.0155	-.0389	-.0377	.0215	-.1578	-.0820
7	.0351	-.0979	-.0953	-.1359	.0049	-.0593	.1319	-.0098
8	-.1605	.0186	-.0556	-.0361	.2238	.1102	.1369	-.1434
9	-.0373	.0939	-.0762	-.0327	.1428	.0116	.0277	.0128
10	-.0965	.0269	.0764	.2640	.0159	.0635	.0133	-.1042
11	.0073	-.2667	.2568	.1198	.1464	.1128	.2482	-.0453
12	.0515	-.0678	.0066	.0065	.0409	-.0368	-.0116	-.0114
13	-.0136	-.0908	-.0258	.0596	.0237	-.1195	-.0968	-.0173
14	.1149	-.0591	-.1377	-.2113	-.1760	.0656	.0801	-.0439
15	.0865	.1844	.4447	.0131	-.0193	.0127	-.1680	.2084
16	.0609	.0019	-.7385	-.0580	-.0355	.0177	-.0497	.0755
17	.0496	.0077	.0642	.0386	-.0153	-.0600	.0024	.1352
18	-.1003	-.1005	.0736	-.0284	.0114	-.0390	.0917	-.0007
19	.0153	-.0514	.0179	-.0674	-.0024	-.0307	.1986	-.0169
20	.0971	-.0104	-.3681	-.1748	.0558	-.1505	-.0018	.0335
21	.1430	-.0960	.0060	-.1784	.0265	-.0005	-.1338	-.1200
22	-.0365	.0280	.0729	.0416	.0290	.1393	.1675	-.0368
23	-.0657	-.0934	.1245	-.0705	.2896	.0049	.0618	-.0489
24	.0346	.0099	-.0447	-.0591	.0851	.0843	-.0206	-.0037
25	-.1221	.0731	.0133	-.0542	.0130	-.1232	-.0554	-.0488
26	-.2362	-.0858	.1178	-.0055	.0019	-.0222	.2022	.1071
27	.0001	.1011	-.0037	.0026	.0585	.7553	-.0115	.0397
28	.0892	.1937	-.0536	-.0367	.0819	.0640	-.0958	.0070
29	-.1163	-.2893	.1816	-.0694	-.0102	-.3011	.1295	.0413
30	.0233	-.0521	.2851	-.0650	-.2103	-.1095	-.0184	-.0942
31	-.0073	-.3995	.2623	-.0940	-.1626	.2353	.0764	-.0053
32	-.0561	.1061	-.0267	-.0001	-.0437	.0873	.2911	.0358
33	.0525	-.1170	-.1846	-.0392	-.0889	.0678	.0867	.0163
34	-.0533	-.1149	-.0152	.0403	-.0248	.0123	.0733	-.0543
35	-.0288	.0971	.0471	-.0265	-.0932	.1532	-.0619	.0181
36	.0536	.0817	.2090	.1599	.1124	-.2142	.1033	-.1148
37	.0897	-.0029	.0404	-.0165	-.0642	-.0296	.0463	.1084
38	-.2348	-.0457	.1657	-.1973	.0552	.0315	.0690	.0465
39	.1032	.1382	.1190	-.0414	.0164	-.0516	-.1245	.0985
40	-.1494	.0128	-.0170	.0216	-.0616	-.0780	.0021	-.0249
41	.1338	-.3310	.1105	-.0461	.0276	-.0866	-.1357	.1983
42	.0156	-.0152	.0227	-.0164	.0770	-.0226	.0844	.0824
43	-.0735	-.0523	-.0480	-.8284	.0029	-.0089	-.0476	.0379

Variable	Factors				
	XXXIII	XXXIV	XXXV	XXXVI	n^2
1	.0025	.0221	.0060	-.0546	.6535
2	-.1031	.0195	-.0048	.0450	.6954
3	-.1212	.0061	-.1077	-.1351	.6777
4	.0042	.0092	-.1436	.0368	.6389
5	-.2729	.0026	-.1787	-.0761	.6675
6	.0346	.0798	-.1259	.0461	.7374
7	.0536	-.0262	.0336	-.0076	.7148
8	-.1178	.0511	.0432	-.0139	.6617
9	-.0219	-.2284	-.2885	-.0867	.7069
10	.0659	.0994	.0353	-.0275	.7029
11	-.2321	-.0041	.0373	.1041	.6778
12	.0617	.1520	-.0122	.0097	.7109
13	-.0274	.1645	.0579	-.0635	.7260
14	-.0482	.2453	-.1248	-.0983	.6845
15	-.1844	-.0631	-.0604	-.0180	.7027
16	-.0657	-.1060	.0092	-.0355	.7103
17	.0210	.0227	-.0064	-.1331	.7428
18	.0392	-.0151	-.1019	-.0127	.6997
19	-.0511	.0012	.0413	.0385	.7379
20	.1356	-.0426	-.0358	.2450	.6509
21	.1024	-.0099	-.0059	-.1184	.6774
22	.0811	-.1165	-.0079	.0346	.5345
23	.1643	.0595	-.0389	.1612	.6321
24	-.0034	-.0260	.0109	-.0066	.7077
25	.1467	-.0297	.0196	.0128	.7357
26	-.0953	.0440	-.0590	-.0333	.6247
27	.0683	-.0407	-.0834	.0931	.6983
28	-.0446	-.1296	.0914	.0358	.6756
29	-.1019	.0477	-.0380	-.0223	.6335
30	-.0140	-.1278	.0265	.1020	.6536
31	.0316	-.1035	-.0001	-.0831	.6177
32	-.0432	.2760	.1170	.2284	.7565
33	.0348	.1407	.1191	-.0146	.6794
34	.0046	.0694	.0750	.0266	.7063
35	-.0919	.3628	.0231	.0657	.7411
36	-.2033	-.0468	-.0208	.0254	.7312
37	-.0695	-.0633	-.0156	.0729	.7800
38	.0900	.0509	.2000	-.1545	.6885
39	.0006	.0531	.0934	-.0757	.6957
40	-.0119	.0610	.1095	-.0511	.6864
41	.0333	.1135	.0490	-.0352	.7255
42	.0464	-.0088	-.0889	-.1229	.7515
43	-.0444	-.1456	.0189	-.0230	.7775

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
44	.1423	.0961	-.0256	-.1489	-.0310	.0836	-.0247	-.1071
45	.0646	-.1919	-.1412	.0396	.2225	-.0239	-.0035	.0132
46	.0516	.0664	.0731	.0335	.1261	-.0078	-.1527	-.0961
47	-.0212	.0535	.0127	-.0519	.0466	.1862	.0303	-.1919
48	.0593	.0872	.0925	.0243	.1004	.0887	-.0160	-.0511
49	.1305	-.0440	-.0661	.1362	-.0334	-.0404	.1350	.0228
50	-.0256	-.1929	-.0388	-.0166	.1360	.0214	.1777	.0159
51	-.0675	-.0102	.0205	-.0949	.0244	.0531	.0004	.1242
52	-.1775	.0511	-.0238	-.0020	.0903	.1498	.0109	-.0380
53	.0851	-.0251	.0197	.0448	.0747	-.0657	.0694	.0428
54	.0700	.0441	-.0287	.0222	.0495	.0606	.0246	.0196
55	.2038	.0613	-.1094	.1208	.4070	.1162	.0016	-.0596
56	.1045	-.0620	-.1335	-.0257	.0119	-.0213	.1900	.0718
57	-.0620	.0210	-.0589	-.0990	.0384	.1373	.0499	.1474
58	.0132	.0252	-.0019	.0489	.3091	.0786	.0357	-.2572
59	.0571	-.2090	-.1116	-.2172	-.0524	.0716	.0149	.0276
60	.0150	-.1529	.0522	.3835	-.0085	.0265	.0677	-.0161
61	.1594	-.0957	-.0034	.0063	.4368	-.0839	.1612	.0622
62	-.0134	.1035	-.1532	-.0335	.3766	.0716	-.0852	-.0504
63	.0923	-.0837	.0610	.0227	.7813	.0643	-.0786	.0503
64	-.0098	-.0655	.0220	.0846	.0780	.0366	-.0161	.0549
65	-.0992	-.0155	.0394	-.1028	-.0112	.0774	.0035	.6778
66	.0464	-.0379	-.0106	-.0055	-.0266	.0377	-.0450	-.0274
67	-.0330	.0449	.0109	.0031	-.0144	.0485	.0130	.0273
68	.1343	-.0330	.0589	.0584	.0763	.3737	-.0784	.4006
69	.1075	.1545	.1654	-.0675	.0506	.3029	.0791	-.1831
70	.1668	.1009	.1017	-.1053	.0775	.0880	.0714	-.0692
71	-.0465	-.1724	.1442	.0700	.0072	.0900	.0403	-.0394
72	-.0654	-.0406	.1537	-.0141	-.0241	.3260	-.0381	.0462
73	.0866	.0247	.1196	.0683	.1855	.0495	-.0246	.1229
74	.1304	-.1400	-.0788	-.0500	-.0308	.0098	-.5352	.0281
75	.1127	.0127	.2340	-.0453	.0599	-.1211	.0400	-.0414
76	.0858	-.0806	-.0052	.0071	-.0932	.0375	.0528	-.0899
77	.0776	.0711	.0818	-.0109	-.0186	.0126	-.0307	-.0160
78	.1474	-.1440	.0129	.0425	.0732	.1129	-.0508	.0269
79	-.0105	-.1940	.0873	.1012	.1948	-.0774	-.1770	-.0573
80	-.0032	.0579	-.0277	.0766	.0376	-.0253	-.0075	-.0543
81	.2676	.0145	-.0223	-.0036	-.0411	-.0185	-.0363	-.1580
82	.0948	-.0312	.0769	.0180	-.0020	.0569	-.0838	-.1750
83	.0040	.0199	.0943	-.0276	-.0274	.1424	-.0280	.0714
84	-.1094	.0829	.1708	-.1602	-.0189	-.0450	.0105	-.0603
85	-.0629	-.0249	.6412	-.0432	.1150	-.0520	.0039	-.0145
86	-.0701	-.0389	.5086	-.2469	.0760	-.2463	.0659	.0697

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
44	.0709	.0262	.0695	-.0138	-.0322	-.0110	.0259	.0769
45	-.0258	-.2115	-.0403	.1678	-.0369	.0146	-.0976	.2870
46	-.0137	.0852	-.2351	-.0735	.0130	-.1168	.1917	-.0029
47	.0096	-.0376	.0059	-.0045	.0147	-.0539	-.0296	-.0055
48	.2941	.0724	.0876	.0829	-.1537	.4082	.1054	-.0234
49	.6956	-.1081	.0778	.0445	-.1044	.0561	.1237	.1155
50	.2396	-.0246	.2571	-.1132	-.0835	-.0153	-.0700	.0098
51	.0895	.0144	-.0892	.0262	.0703	.0071	-.0002	-.1313
52	.1018	.0250	.0378	.0686	.0169	-.0007	.0683	.0858
53	.0428	-.0154	-.0415	.0297	-.0047	-.0000	-.0147	-.0466
54	-.0224	-.0352	.0245	.0399	-.0086	.0821	-.0585	.0194
55	.0963	-.0641	.0489	-.0688	.0091	.1468	-.1939	.0779
56	.2009	.0176	.0748	.0907	-.1688	-.0152	-.1886	.2403
57	-.0488	.1140	-.1116	.0312	-.2755	-.0529	.1101	.2261
58	-.0017	-.0055	.1057	-.1161	.0126	-.0308	.0873	-.0197
59	-.1670	-.2704	-.1477	.1984	.0788	.1890	.2311	.1280
60	.1158	.0469	-.0804	.1859	.0842	.1730	.0690	.0934
61	.1242	.0471	-.1041	.0657	-.2195	-.0260	.0742	-.0884
62	.0404	-.1093	.0160	-.0577	-.0786	.1697	.0295	.1634
63	-.0071	.0544	.0098	.0327	.0381	.0483	.0662	-.0118
64	.0027	-.0216	.0475	-.0635	.0553	.0529	.0919	-.0574
65	-.0747	-.1209	.0493	-.0319	.0727	-.0721	-.0609	-.0640
66	.0382	.0984	-.0435	-.0592	.0699	-.0361	.0368	.0270
67	.0503	-.0173	-.0388	-.0051	-.0655	.0315	.0378	.0017
68	.1170	-.1716	.0218	.0952	.0107	.0832	-.2252	-.1733
69	-.0381	.2337	-.0875	.3443	-.0503	-.0903	-.3776	.0318
70	.0736	-.0023	.0327	.0900	-.0480	-.0503	.7879	.0568
71	.1107	.0030	.0264	.0174	-.7471	.0004	.0099	.0569
72	.1500	.1600	.1158	.2663	-.0566	.0662	.1300	.1127
73	.0080	.0063	-.0059	.0322	.1438	.1616	.1602	-.2862
74	-.0285	.0108	.3013	.0309	.1043	-.0924	-.0162	-.0763
75	.0029	.1343	.0135	.1165	-.4934	.0976	-.0010	-.1841
76	-.0810	.6859	.0817	.1779	-.1606	.0724	-.0901	-.0280
77	.0459	.0024	.8364	.0365	-.0773	.0034	.0335	-.0278
78	.0045	.0328	-.0219	-.0325	-.0378	.7583	-.0466	.0647
79	-.0208	.0069	.0493	.5640	-.2037	-.0605	.0326	-.1992
80	-.1601	.0657	.2532	.1929	-.5292	.1684	.1116	.2158
81	.1024	.0631	.0366	.1030	-.0113	.4150	-.1980	-.1307
82	.0188	.1019	.0422	.1615	-.5151	.0272	-.0784	-.2213
83	.0700	.0837	.0426	.8310	-.0428	-.0073	.0525	.0769
84	.0480	.0871	.0740	-.0715	-.0068	.5415	.0168	-.0066
85	.0637	-.1645	.4143	.0889	-.0815	.1897	.0140	.0711
86	-.1751	-.1188	-.0561	-.0361	.1441	.0387	.0217	.0604

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
44	-.0197	.1298	-.0098	.0583	-.0267	-.1080	.0914	.0878
45	.0687	.1285	-.4152	-.0403	.1394	.0134	-.1094	.0368
46	-.1177	-.1207	-.1231	.0887	-.2071	.2139	-.1970	.2149
47	-.0264	.0207	.0202	.0386	.0123	.0142	-.0988	.1471
48	-.0925	-.1122	.0424	-.1435	-.0796	.0816	.0583	-.1673
49	.0231	.1313	.0494	.0120	.0675	-.0440	-.0341	-.0293
50	.1395	.0102	-.2097	.4271	-.0879	.0420	.0294	-.0219
51	.0113	-.0337	.1437	-.0451	-.0245	-.0908	.0068	-.0234
52	.0416	-.1671	-.0201	.0426	-.0531	.0351	-.0347	-.0402
53	-.0924	-.0137	.0524	.0405	-.0145	.0453	.0059	-.0445
54	.0664	-.0183	-.1136	.0653	.1302	-.0169	-.0448	.0354
55	-.0893	.0083	.1637	.1290	-.1124	-.1857	.0880	.0604
56	.1999	-.0249	.1140	.1439	-.0114	.0721	.0249	-.0883
57	-.0377	-.1970	.1384	.0535	-.1557	-.1101	-.0679	-.0353
58	-.0745	-.0227	-.0131	-.3082	-.0755	-.0582	.3542	.1119
59	-.0489	-.0729	-.0454	-.1518	.2174	-.1289	-.1701	-.0018
60	-.0381	-.2182	-.0665	-.1106	.2174	-.1289	-.1701	-.0018
61	.0358	-.0203	-.0004	-.0203	.0718	..2405	..0154	..1579
62	-.3289	-.0501	-.1173	.1370	.0406	.0716	.0916	.1480
63	-.0310	-.0024	.0008	-.1150	.0710	-.0782	-.0213	-.0598
64	.0237	.0806	-.1112	.0021	.1485	.0439	.0330	.0034
65	-.0793	.0712	.0000	-.2319	-.0057	.1348	-.0247	.0166
66	-.1250	-.0261	-.0432	-.1128	-.0516	.0222	-.7121	.0220
67	.0367	.0095	-.0418	-.0818	-.0116	-.0139	-.1417	.0535
68	-.2025	.1081	-.0665	.1029	-.1654	.2426	.0273	.0427
69	-.1343	-.1033	-.0698	-.0934	.1864	.0369	-.0106	.0555
70	-.0517	-.0163	-.0457	.0007	-.0394	-.0161	.0004	-.0491
71	.0019	-.1153	-.0621	.0192	.0574	-.0657	.0756	-.0299
72	.0306	-.0292	-.0917	-.0849	-.2453	-.0750	.1717	.3556
73	.0553	.2475	-.1466	-.0150	-.0319	-.3478	-.0163	.0957
74	.0332	.1389	-.1732	-.1051	.0020	-.0168	-.1471	.1158
75	.1140	.0266	.0683	-.2560	-.1268	-.0140	-.1816	-.0577
76	-.1227	.0437	.0379	-.1205	.0487	.0694	-.1251	-.0238
77	-.0657	-.0385	.0415	-.0561	-.0835	-.0076	.0242	.0324
78	.0240	-.0339	.0661	.0726	-.0752	-.0359	-.0336	.0086
79	-.2484	.0743	.1687	.1246	-.0042	-.1308	.0186	-.0784
80	.0840	.2363	-.1079	.0662	-.0571	-.0086	-.0717	.0393
81	.0448	.0472	-.0991	-.0759	-.2673	-.0796	.0308	.2508
82	-.2424	.0471	.0186	-.0255	.0409	-.0324	-.0102	.0557
83	.0627	-.0384	-.0845	-.0013	-.0256	.0393	.1056	.0863
84	-.1474	.0906	-.0665	.0264	.2352	-.0057	-.0225	.2343
85	.0331	-.1002	.0105	.0396	.0619	.0803	.0114	-.0844
86	.1518	-.0346	-.0766	-.0581	-.1334	.1143	-.1103	-.0232

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
44	.0430	-.6882	-.0665	-.0363	.1314	-.0382	-.0552	.1189
45	.0205	-.0929	-.1709	.0960	-.1803	.0895	.0630	.0469
46	-.0323	-.2671	.0622	.3176	-.0592	.0143	.0430	.0252
47	-.0501	.0115	.0900	.1698	-.0569	-.0592	.0375	-.0279
48	.0182	-.0969	-.0980	-.0423	.0229	.0411	.0351	-.1871
49	-.1091	-.0806	.0058	.0335	.0200	-.0879	.0655	.0341
50	-.0059	-.2425	-.1875	-.0309	-.0093	-.0688	.0621	.1016
51	.0516	.0066	-.0318	-.0102	.0728	-.1291	.0121	.0625
52	-.7819	.0511	.0366	-.0771	.0141	.0008	-.0764	-.0578
53	-.0268	.0050	.0120	-.0518	.0479	-.0571	-.0004	.0595
54	.0582	-.0218	.0252	-.0197	-.0168	-.0880	.0447	.0669
55	-.1018	-.1257	-.0379	.0488	-.0856	.2801	-.1960	.0368
56	-.3146	-.0255	-.1000	.0782	.2847	-.0694	-.2495	.3378
57	.0759	-.0379	.0467	-.2831	.0882	.1117	.0200	.4471
58	-.0580	-.0743	-.1119	.0145	-.0168	-.2086	-.0225	.2633
59	.1874	.0011	.0349	-.0881	.2109	.0824	.0031	-.0635
60	.0877	-.2668	-.1416	-.0602	-.1154	.1288	.0333	.3616
61	.0021	-.3160	-.0866	-.1172	-.1767	-.0451	-.0590	.0345
62	-.0049	-.0041	.1366	-.1568	-.0657	.1624	-.0309	.0270
63	-.0613	.0514	-.0215	-.0034	.0490	.0340	-.0144	.0604
64	.0222	-.0895	.0073	-.0073	-.0883	.0128	-.0506	.7633
65	-.0872	-.0650	-.0606	.0426	-.0685	.0317	.2692	.1441
66	-.0782	.0560	-.0697	-.0078	.2726	-.1208	-.1009	.0166
67	.0004	-.0647	.0306	-.0061	.8095	.0428	-.0606	-.0548
68	.0372	-.2534	.1000	.0126	.0915	-.1533	.0463	-.0772
69	.1464	.0147	-.0683	-.0980	.0913	.1633	-.0880	.0540
70	-.0530	-.0193	.0219	.0447	.0440	.0800	.0210	.1235
71	.0424	-.0383	-.0231	-.0559	.0290	.0053	-.0215	-.1039
72	-.0403	-.0729	.0903	-.0219	-.0931	-.0328	.0818	.0981
73	.0541	.0026	.3376	.0709	.1082	.0067	-.2126	.1120
74	.0072	.1536	-.1124	.1589	-.0170	.2360	-.1446	.0064
75	.0014	.0105	-.0087	-.0014	-.0357	.1069	.1787	.0430
76	-.1242	-.0757	.0409	.0340	-.0451	-.0663	-.0617	.0961
77	-.0395	-.0279	.0509	-.1204	-.0528	.0276	.0550	.0218
78	.0533	-.0091	.0222	.0461	.0484	.1109	-.0476	.0317
79	-.1862	-.0667	.0901	-.0143	.0457	-.0521	.0113	.0225
80	-.1605	-.1359	.0117	-.0141	.0277	-.1296	-.1273	.0806
81	-.1070	.1638	.0038	-.0955	.0929	-.1422	.2860	.1901
82	-.0362	.0967	-.1035	.2440	.1441	.0878	.1918	.2865
83	-.0075	.0115	.1132	.0499	-.0211	.1256	.0024	-.0569
84	-.1341	-.0166	.1516	-.1704	-.0439	.0540	-.1559	.0323
85	.1955	.0434	-.0208	.0339	.1212	-.0783	-.0224	-.0238
86	-.2587	.1804	-.0891	.0392	-.1119	.0086	.0648	.1637

Variable	Factors				
	XXXIII	XXXIV	XXXV	XXXVI	n^2
44	-.0047	-.0149	.0138	-.0408	.6595
45	-.0112	-.0190	.3571	.0559	.7351
46	.0552	-.2103	.2561	-.0741	.7078
47	-.0440	.7685	-.0470	-.0453	.7666
48	-.1670	.0059	.1438	-.4565	.7541
49	-.1081	.0070	.1172	-.0479	.6996
50	-.1199	.0865	-.1576	-.2338	.7120
51	-.1986	-.0589	.7383	-.0466	.7256
52	-.0304	.0375	-.0559	.0827	.7849
53	-.7768	.0332	.1315	-.0055	.6845
54	.0172	.0177	.0046	-.8213	.7669
55	-.0973	.1315	-.0684	-.1789	.6697
56	.0273	.1114	.1229	-.0880	.7539
57	-.0621	.0703	-.0160	-.0406	.6584
58	.1362	.1848	.1503	-.0458	.6674
59	-.2279	.1500	-.0479	-.1277	.7196
60	-.0176	.0142	.1093	.0567	.7249
61	.0486	.0149	-.1143	.0178	.6228
62	.1850	.0932	.3395	.1222	.7013
63	-.0636	-.0123	.0674	-.0657	.7124
64	-.0680	-.0532	.0499	-.0311	.7044
65	-.0884	-.0609	.0413	-.0982	.7533
66	.0419	.1877	.0052	-.0717	.7310
67	-.0526	-.0708	.0315	.0142	.7291
68	-.0006	.0255	.0504	.1382	.7733
69	.0520	.0860	.2003	-.0284	.7525
70	.0251	-.0290	.0146	.0562	.7705
71	.0450	.0425	-.0175	-.0764	.7046
72	-.2783	.0949	.1155	-.1007	.7007
73	-.1096	.0017	.1842	.0629	.6943
74	-.0358	-.0936	-.0670	-.0360	.7030
75	-.1013	-.3334	.0515	-.1181	.7314
76	-.0346	-.1181	-.0389	.0455	.7164
77	.0397	-.0066	-.0525	-.0426	.7826
78	.0522	-.0786	-.0442	-.0799	.7117
79	.1077	.0583	-.0320	-.1516	.7680
80	-.1986	.0148	-.0084	.1337	.7454
81	.0289	-.0500	.1714	-.0079	.7444
82	.0884	-.0324	-.1074	.0292	.7345
83	-.0840	-.0558	.0269	.0005	.8203
84	-.0965	.0616	.1090	-.0736	.6709
85	.0970	.0435	-.1458	-.0034	.8190
86	.0336	.0087	-.0374	-.0567	.7130

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
87	-.0321	-.1126	.7465	-.0370	.0513	.0686	-.0760	.0081
88	.0042	.0225	.0248	-.0543	-.0731	-.0698	.0405	-.0080
89	-.0060	.0596	.0006	.1352	-.0096	.0294	-.0585	.0129
90	-.0561	-.0296	.6584	.0371	-.0293	-.0075	.1169	-.0204
91	.9061	-.0100	.0355	.0453	.0517	.0365	.0128	-.0573
92	.9233	.0267	.0128	.0505	.0368	.0279	.0027	-.0277
93	.7238	-.1246	-.1250	-.1880	.0198	.1184	-.0216	.1381
94	.8531	.0321	.0196	.0794	.0432	-.0112	-.0183	-.0409
95	.8797	.0415	-.0955	-.0353	.0367	.0479	-.0445	.0019

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
87	-.0164	.0192	.1562	.0558	-.0178	.0132	-.0020	.0086
88	-.0426	.0051	-.0815	.1046	-.0631	.0001	-.0279	-.0390
89	-.0013	.0602	-.0397	.0101	.0043	-.0091	.0755	-.0451
90	.0916	-.0397	.0052	-.1362	-.4474	-.0410	.0582	.0722
91	.0631	-.0069	.0104	.0118	.0041	-.0139	.0292	.0763
92	.0032	-.0117	.0298	-.0390	.0064	.0287	.0176	.0193
93	-.0549	.0909	-.0079	.0316	.0299	.0976	.1018	-.1276
94	-.0024	.0537	.0003	-.0547	-.0398	.1072	-.1068	.0267
95	.0670	-.0293	.0377	.0843	.0037	-.0399	.1268	.0034

Variable	Factors							
	XVII	XVIII	XXIX	XX	XXI	XXII	XXIII	XXIV
87	.1479	.0400	.1178	-.0657	.0171	-.0185	-.0251	.0620
88	-.0266	-.0045	-.0123	.0043	-.0708	-.0727	-.0227	-.0926
89	-.0110	.1083	-.0171	-.0150	.0479	.0964	.0104	.0084
90	-.0490	-.0538	.0003	.0865	-.0887	-.0660	.1426	.0209
91	.0596	.0162	-.0228	-.0451	.0075	-.0002	-.0020	-.0833
92	.0384	-.0306	.0053	.0521	-.0385	.0177	.0066	.0629
93	.0108	.0871	-.0943	.0401	-.0393	-.0403	-.1422	.1307
94	-.0409	-.0270	-.0012	.0273	.0363	.0130	.1133	.0701
95	-.0010	.0290	-.0305	-.0099	.0595	-.0159	-.0574	-.0523

Variable	Factors							
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	XXXI	XXXII
87	-.0552	-.1623	-.1041	.0234	-.0465	-.0451	-.0324	-.0890
88	-.0364	.0109	-.0019	.0390	-.0011	.0212	.0199	.0787
89	.0218	.0278	-.0268	-.0668	.0156	.0725	-.0122	-.0010
90	.1434	.0362	.0236	-.0921	.0278	.0018	-.0511	-.0664
91	.1105	-.0178	.0465	-.0798	-.0000	-.0619	.0529	-.0188
92	-.0053	-.0160	.0638	.0291	-.0180	-.0333	.0005	.0196
93	-.0641	-.0520	-.0193	.0958	.0291	.0663	.0214	-.0223
94	.0191	-.0367	.0327	.0267	-.0244	-.0155	-.0467	.0140
95	.0690	-.0345	.0427	-.0996	-.0060	-.0054	.0500	-.0076

Variable	Factors				
	XXXIII	XXXIV	XXXV	XXXVI	n^2
87	-.0804	-.0764	.0545	.0058	.7304
88	-.0367	-.0573	-.0009	.0287	.7579
89	.0184	.0690	.0524	-.0342	.7258
90	.0132	.0264	-.0558	.0729	.7869
91	.0177	-.0137	.0086	-.0233	.8858
92	-.0401	-.0702	-.0477	-.0183	.8901
93	.0370	.1139	.0526	.0023	.7723
94	-.0711	-.0758	-.0379	.0003	.8121
95	-.0407	.0842	-.0066	-.0499	.8666

Rotated Factor Matrix for Total Sample (30 Factors)

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
1	.5967	.0602	.0076	-.0954	-.0018	.0021	-.1042	.1877
2	.1835	-.1578	-.0157	.1218	.2415	-.1051	-.1948	-.1030
3	.2425	.1049	.1254	-.0660	-.0338	-.1893	.1410	.0502
4	-.3991	.0967	-.0728	.1166	-.0569	.1384	.0110	-.1015
5	-.0795	.0047	-.0538	.0746	.1224	-.0146	-.0101	-.0198
6	-.1600	-.0842	-.2256	.0447	.1569	-.1311	.2340	-.0164
7	.0760	.0178	-.1845	.0271	.0059	-.0571	-.0837	-.0234
8	.0244	-.0107	-.0018	.0121	.0039	.0005	.0907	.0099
9	-.0350	-.0292	-.6696	.0326	-.0141	-.0803	.0080	.0440
10	-.1927	-.0356	-.1572	.0191	.0402	.0703	.0445	-.0397
11	-.4758	-.0371	-.1071	.0328	-.0286	-.1107	.0874	-.0473
12	.5900	.0866	.0070	-.0994	-.0015	.0516	-.0473	.3204
13	-.1984	.0005	-.1446	.0714	.1619	-.0102	.1188	.0569
14	-.0056	.0421	-.0264	.0087	-.0178	-.1271	-.1352	-.3053
15	-.3123	.0212	-.1866	-.0766	-.3000	-.1568	.1936	-.0279
16	.0750	.0107	-.0531	-.0262	.0380	-.1008	-.0027	.0974
17	-.0854	.0387	-.1504	-.0264	-.4266	-.0682	.0280	.2082
18	.2048	.0087	-.4932	-.0893	.0503	-.0320	-.1117	.1133
19	-.2026	-.0201	-.0845	.0966	-.0678	.0009	-.0119	-.0349
20	.1600	-.0051	-.0521	-.0801	-.0119	.0717	-.0169	-.0025
21	.2640	.1037	-.1586	-.0374	.2689	-.0853	-.1246	.0694
22	.4155	.1070	-.1290	-.0740	-.1209	-.0808	-.0040	.1083
23	-.0736	.0167	-.3764	-.0828	.1208	.0154	.0250	.3530
24	.1758	-.0281	-.0606	.0477	.0735	.0373	.1685	.5540
25	.3901	.0959	-.0131	.0065	.0483	-.0685	-.1072	.2451
26	-.2576	-.0601	-.0497	.0085	-.1171	.1265	.2419	-.0597
27	.2490	.0640	-.0491	.0011	-.0312	-.0204	-.0784	.6147
28	-.0047	.0235	-.0639	-.0312	.0477	.0090	.0617	.0278
29	.4140	-.0161	-.1516	.0615	.0968	-.0913	-.0469	.1169
30	.1388	.0751	.1220	-.0305	-.1247	-.0023	.1259	.2175
31	.1014	.0287	.1264	-.1784	.0306	.0224	-.1391	.1956
32	.3620	.0213	-.0470	.0208	-.1147	.1085	-.1537	.1812
33	.6616	-.0241	-.0409	-.0008	.0105	-.0404	.0011	.1488
34	-.0072	.0109	-.0410	.0335	-.0997	-.0646	-.0754	.0170
35	.0663	.1097	-.0581	-.0422	-.0137	.0184	.0597	.0401
36	.2610	.0233	-.0231	.1251	-.0173	-.0042	-.0374	-.0612
37	.3431	.0165	-.1842	-.0429	-.0365	.0923	.0166	.1230
38	.0593	-.1020	-.1605	.0278	.0065	-.1384	-.0085	.1614
39	.2972	.0790	-.0249	.0326	.0140	-.0972	.0896	.0634
40	.0938	.0515	.1071	-.0520	.1782	.1499	.1565	.0553
41	.2603	.1359	.0019	-.0641	.0398	-.0766	.0845	-.0012
42	.1029	.0155	-.0251	-.0415	-.0273	.0025	-.0203	-.0034
43	-.0009	-.0362	.0091	.0017	-.0914	.0110	-.0083	.1497

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
1	-.0893	-.0411	.1056	.0088	.0768	-.1636	.0104	.1026
2	.4018	.0870	-.1334	.0697	.0644	.2434	-.2941	-.0674
3	.0747	-.1584	.2697	.0423	.0929	-.0984	-.3964	.0851
4	.0077	.1113	.3559	.0472	.1770	.0949	.0191	.0083
5	.0468	-.0085	.7303	.0036	-.1332	.0747	-.0443	-.0038
6	.2728	.0685	-.0480	.0107	-.0862	.2042	.1743	.0365
7	.0661	.0574	-.0252	.1519	-.0449	-.0556	.0641	-.0542
8	-.0406	.0694	.0772	-.0034	.0214	.0134	.0016	.0024
9	.0554	.0098	.1017	.0914	.0984	.0284	-.0099	.0230
10	.1303	-.0637	-.1979	.0038	-.0344	-.0694	-.2949	-.0885
11	-.0256	-.0925	.2694	-.0072	.2157	.0484	-.0529	.0278
12	-.0108	.0909	.0746	.0227	.0574	-.0342	-.0560	.0671
13	-.0244	-.1617	.0364	-.0880	.0932	.0390	-.0145	.0013
14	-.0406	.3275	-.0856	.1985	-.0325	.0690	.1142	-.1114
15	.0286	.1394	.4053	-.0320	-.0400	-.0377	-.1195	.0851
16	.0024	.0072	.0309	-.0573	.0426	.0093	-.0430	.0999
17	-.1320	-.0960	-.0088	.1036	-.0998	.1908	-.2215	-.1215
18	-.2304	.0273	.0159	.0820	.0052	.0548	-.0219	.0139
19	-.0730	-.0887	.0737	-.1723	.0216	.6842	.0706	.0928
20	.0282	-.0339	.0083	.0311	-.0338	-.0469	-.0625	-.1169
21	.1205	-.0156	.0935	-.1837	-.0813	.0384	.0350	-.0080
22	.0543	-.0200	.1698	.0362	-.0158	.0593	.0650	.0196
23	.1293	-.0770	.0178	-.1572	-.0737	.0640	-.0518	-.0837
24	-.0484	.0681	-.1330	.1291	.1299	.0761	.0807	-.0344
25	-.0125	.1068	-.0790	-.0614	-.0390	.1157	.0258	.2024
26	-.0896	.1522	-.0603	.0478	.0799	-.0752	-.0663	.0159
27	.0402	.1432	.0299	.0044	-.0434	-.0493	-.0546	.0208
28	.0322	.0224	-.0534	.0039	.0011	.1094	-.0817	-.0173
29	.2784	.3350	.1134	-.0802	-.0925	-.0335	-.1999	-.1096
30	.5300	-.0706	.1344	-.0969	.0080	.1298	-.0739	.1326
31	.1195	-.0415	.3028	.0403	.1594	.4477	-.0742	-.3703
32	.0709	-.0406	.1503	.2104	.0009	.0604	.0517	-.0701
33	-.0425	-.0359	-.0368	-.0055	.0289	-.0446	.0358	.0128
34	.0257	.0115	.0658	-.0607	.0174	-.0404	-.7205	.0682
35	.0435	-.0531	-.0742	-.0525	.0834	-.0012	-.0957	.0013
36	.1041	.0535	-.0110	-.0191	.0369	.0355	-.0862	-.0504
37	.0422	.1935	-.1578	.0724	.0931	.1428	-.1481	-.1065
38	-.1769	.0183	.1509	-.0577	.4595	-.1418	-.0657	-.1607
39	-.0072	.2870	.1948	-.0794	.1167	.0603	-.0925	.0358
40	-.1468	.0794	-.0113	.3379	.0477	.3063	-.3487	-.0636
41	.0375	.0077	.0447	.0036	.0952	.0472	-.0036	-.0083
42	.0822	.0343	-.1559	-.0142	.7511	.0789	-.0183	-.0102
43	-.0354	.7619	-.0000	-.0907	.0432	-.0805	.0235	.0504

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
1	-.1054	.1298	.0376	.0916	.0663	-.0713	-.0553	.1013
2	.0557	.0444	.0841	-.1161	.0544	.0698	.0215	-.0449
3	.0959	.0066	.0395	-.0532	.1743	-.0991	.0063	.0730
4	-.0650	.0345	.0304	-.0877	-.0813	-.1638	-.0696	-.0021
5	.0120	.0397	-.0422	-.0205	-.0127	.0296	-.0115	.0450
6	-.1156	-.0306	-.0775	-.0261	.1127	.2231	.1094	-.1120
7	-.1113	.3702	-.2984	.0157	.0718	.1178	-.2878	.1221
8	.0184	.0228	-.8112	.0137	.0391	-.0019	-.0011	-.0103
9	-.0086	-.0508	-.0755	.0648	-.0056	.0657	-.1036	.0741
10	-.2707	-.0487	-.3248	.0803	.1536	-.1182	.0518	.1228
11	-.0955	.0371	-.0064	-.1730	.1579	.1125	.0462	-.1174
12	.0330	.0053	-.0838	.0245	.0114	.0425	.0258	.1042
13	.0474	.0046	-.2946	-.0394	-.3026	-.0519	.3254	-.0094
14	.2714	.2099	.0374	.0439	-.0802	-.0833	.2220	.0647
15	.0048	.0512	-.1698	.0068	-.0022	.0466	.0092	.0091
16	.0545	.1025	-.0147	.0140	.0396	.1101	-.7290	.0008
17	-.0203	-.0208	-.2032	.0103	-.1484	-.2333	-.0713	-.2509
18	-.0558	.2871	.1183	.0504	.0360	.0505	.1026	-.2224
19	.0299	.0115	.0283	.1028	.0157	-.0349	-.0026	.0641
20	-.0454	-.0205	.0173	-.0319	.0075	.7621	-.1270	.0176
21	.2972	-.1866	-.0383	.1861	.1184	.0628	-.0457	.0363
22	-.2149	.2287	-.0645	-.0457	.0625	-.0296	-.2175	.1166
23	-.0841	.1603	-.0236	-.2487	.1483	-.1171	.0258	.0494
24	.0352	.1008	.0532	-.1279	-.0185	.0796	-.1918	.0136
25	-.2547	.0884	-.1413	.1046	-.0878	.1266	-.1603	.1317
26	.0123	.0949	-.1045	-.0902	.0037	.1043	.0029	-.0581
27	.0429	-.0489	-.0203	.1304	-.0181	-.0486	.0133	.0619
28	.0701	.0214	-.0235	.7560	.0834	-.0305	-.0174	.0847
29	-.0062	.0718	.0089	-.0313	-.1288	.0861	.0660	-.0785
30	.0507	.0349	-.0894	-.0396	-.0148	.1564	.0951	-.0310
31	-.0904	-.0057	-.1434	.0513	-.1160	-.1196	.0247	-.0471
32	-.0253	.1567	-.0949	.0672	.0696	.2084	-.0985	.1532
33	-.1134	-.1126	-.0138	.1189	-.0077	.1594	-.0436	.0256
34	-.0579	.0545	-.0097	.0728	-.0567	.0828	-.0427	-.0066
35	-.0052	-.0043	-.0827	-.0846	-.0309	-.0754	.0229	.0277
36	.0247	-.0763	-.0407	.0445	-.0402	-.0097	.0311	-.0870
37	-.0015	-.1758	-.0055	-.2515	.0849	.0938	.0031	.4179
38	.1797	-.0165	-.2054	-.0650	-.1793	.2457	-.0619	-.1232
39	-.0457	.1210	.0335	-.1423	-.0805	-.0374	.1165	.2476
40	-.0893	-.1048	.0198	.2065	-.0496	-.0021	-.0557	.0892
41	-.1602	.0130	.0549	-.0816	-.6667	-.0376	.0267	.0926
42	-.0926	.0783	.0334	.0202	-.0159	-.0703	-.0191	.0234
43	-.0441	-.0515	-.0838	.0367	.0610	-.0388	-.0455	-.0716

Variable	Factors						
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	n^2
1	.0438	-.0832	-.1119	-.0350	-.0483	-.0129	.5649
2	-.0077	.0693	.1907	-.1347	-.1543	.0059	.6571
3	-.0873	-.1498	.0660	-.1510	-.2565	.1347	.6370
4	-.0135	-.3333	-.0631	.0345	.0212	.0687	.5765
5	.0303	.0022	.0065	.0004	.0034	.0413	.6014
6	-.0227	-.0629	-.1168	.3234	.0794	.0325	.5831
7	.0668	-.1876	-.2272	-.0465	-.0429	-.0278	.5470
8	-.0207	-.0078	.0016	-.0311	-.0757	-.0638	.6943
9	.1141	-.0990	-.0325	.0745	.0686	-.0876	.5682
10	.0955	-.0912	.1381	.2930	-.0159	-.0203	.6007
11	-.1042	-.0406	-.2132	-.0914	.0738	-.0218	.5639
12	.0271	.0538	-.0359	-.1790	.1489	-.0311	.5822
13	-.1205	-.2069	-.0583	.1618	.1400	.3027	.6445
14	-.0789	-.0724	.0136	-.0377	.3522	.1376	.6615
15	-.1976	.1268	-.1178	-.0633	.1031	.1043	.6302
16	.0438	-.0505	.0354	.0366	-.0090	.0337	.6157
17	-.0981	-.0499	-.1826	.0691	-.0217	-.0198	.6487
18	-.0819	-.0282	.1288	-.1864	-.0952	.0385	.6221
19	-.0037	-.0290	.0059	-.0359	.0760	-.0003	.6205
20	.0596	.0001	.0266	.0326	-.0455	.0690	.6776
21	.0081	-.1740	.0594	-.0855	.1384	.1072	.5262
22	.2747	.0562	.0003	-.1746	.0407	.1509	.5708
23	-.0854	-.0032	-.1148	-.3087	-.1159	.2510	.6877
24	-.0924	.0234	-.0532	-.0345	.0945	-.1381	.5670
25	.1098	.0139	-.1262	-.1174	.0926	.0191	.5398
26	.0001	-.5625	.0128	-.0520	.0699	.0670	.5895
27	.0065	-.0398	-.0136	.0908	-.0724	.0351	.5298
28	-.0553	.1073	.0580	-.0269	-.0844	.0845	.6618
29	.0014	.0614	-.0745	.1917	.0223	-.0947	.5992
30	-.0236	-.1591	-.0925	-.1264	.1031	-.1251	.5976
31	.0288	-.0139	.0671	.0265	.1155	.0368	.6790
32	-.0326	.0338	.1540	-.1983	.1196	-.0211	.5007
33	.1456	-.0385	.1328	-.1543	-.0222	.0467	.6075
34	.0801	-.0149	-.1561	-.0525	.0878	-.1265	.6389
35	.0076	-.0058	.0569	-.1020	.0575	-.7711	.6901
36	-.0945	-.0002	-.0684	-.7070	.0101	-.1534	.6746
37	-.0199	.0415	.1033	-.0259	.0898	.1099	.6293
38	.0836	.0116	.0593	-.0931	.0108	-.0488	.6174
39	.1516	.0420	.2025	-.2808	.0402	.0140	.5393
40	-.0246	-.1175	-.2612	-.2178	-.0329	.0565	.6815
41	.1106	-.1034	-.0490	-.0422	-.0483	-.0634	.6448
42	-.1039	-.0353	-.0685	-.0281	.0007	-.0626	.6615
43	-.0843	-.0983	-.0419	-.0442	-.0078	.0416	.6815

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
44	.0503	.0510	-.0271	.0531	.0249	-.1516	-.0310	-.0419
45	-.1120	.0736	.3288	-.0378	.1682	-.1250	-.0809	.1051
46	-.2428	.0587	-.0685	-.0236	.0210	-.0508	.1615	.1179
47	-.2648	.0472	-.1153	-.0289	-.3810	-.2654	.2008	-.0827
48	-.0522	-.0151	-.0813	-.0519	.0231	-.3435	-.1556	.0370
49	-.1493	.1147	-.0866	.0224	-.0067	-.1394	.0423	-.0211
50	-.1968	-.0206	.1012	.0187	.0457	-.1088	-.0277	.0335
51	-.2763	-.0719	.1178	.0106	.2289	-.0437	.0552	-.0956
52	-.2286	.0102	-.1430	.0364	.1240	-.0330	.1556	-.0823
53	-.3740	-.0211	-.0696	.0803	-.0151	-.0602	.0808	-.0256
54	-.2219	.0776	-.0513	.0430	.0417	-.0917	.1044	.0352
55	-.4496	.0800	.0941	.1761	.0081	-.2175	.2303	-.0600
56	-.4098	.1394	.0063	.1715	-.0193	-.1096	.0611	.0661
57	-.5468	-.0045	-.0346	.1872	.0951	.0104	.1240	.1302
58	-.3736	-.0150	-.0978	.0648	.0612	.0771	.0739	.1133
59	.2178	.0542	.0156	.0060	.0479	-.0420	.0070	.0635
60	.1263	.1151	-.0579	-.0529	.7230	-.0417	.0522	.0403
61	-.4180	.0710	.0248	.1735	.1467	.1433	.1066	-.0555
62	.0151	.0478	.0064	.0121	-.0438	.0109	.0868	.0221
63	-.3053	.0621	-.0847	.2021	.1125	.0556	.1421	-.0885
64	-.0611	.1065	.0105	.0519	.0349	-.1020	.0568	.0645
65	-.3456	.0160	-.0004	-.0484	-.0119	-.0276	.6871	.0873
66	-.1022	.0537	.1416	.0206	-.0265	-.0086	.1376	-.0017
67	.2041	.1731	-.1394	-.0263	.0781	.0874	.1015	-.1511
68	-.2687	.0390	.0268	.0756	.0115	-.0244	.6567	-.0557
69	-.1171	.0387	.0637	.1143	.0253	-.0857	.1058	.0538
70	.4429	-.0717	-.0233	.1260	-.0850	-.0746	-.2083	.0945
71	.0718	-.0553	-.1015	.6758	.0552	.0738	.0713	-.1114
72	.1275	-.0474	-.0102	.2429	.0739	-.0617	.0879	-.0366
73	-.5345	.0328	-.1043	.3766	-.0689	.0339	.2188	-.0555
74	-.4854	-.0087	.0929	.3744	-.1148	-.0589	-.0492	.0067
75	.0858	.0089	.0352	.7215	.0210	-.0654	-.0445	.0540
76	-.0977	-.0610	.1029	.6211	-.1436	-.0195	-.0386	.1166
77	.7469	.0005	.0366	-.0208	-.0228	-.0516	-.1781	.0606
78	.6138	.0539	-.0366	-.0230	.0334	.0780	-.0387	-.0182
79	.9118	-.0276	.0078	.0041	.0173	.0006	-.0970	.0654
80	.8396	-.0169	.0435	.0375	.0387	-.0020	-.0361	.0805
81	.7411	.0466	-.0675	.0128	.0761	.0536	.0236	.1068
82	.8841	-.0060	-.0142	.0044	.0371	.0198	-.1241	.0905
83	.8650	-.0571	.0047	-.0502	.0159	.0208	-.0935	.0788
84	.6535	-.0150	-.0617	-.0785	-.0192	.0856	.0314	-.0138
85	.6891	-.0366	.0745	.0957	.0297	-.0954	-.0218	-.0858
86	.4769	.0145	-.1281	.0059	-.0722	.3332	-.1005	-.0674

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
44	-.0162	.0380	.0138	-.0732	.0452	-.0054	-.0434	-.0022
45	-.0431	-.0103	.1927	.1182	.0691	.0780	.0419	.0500
46	.0168	.1175	-.0153	.0156	-.0403	.1706	-.0846	.0086
47	.1837	-.0736	-.1425	-.0636	-.0513	.1420	-.0539	-.0520
48	-.0006	-.0816	.0516	-.0606	-.0236	.0309	.0584	.0285
49	-.0625	.0173	.0491	.0053	.0570	-.0171	-.0980	-.0647
50	.0491	.0904	-.0078	-.0370	.0992	-.0099	.0945	-.0124
51	-.0747	.0354	.0116	.0896	-.0917	-.0267	-.1923	-.2058
52	-.0681	.1069	.1263	.0459	.2079	.1979	.0726	-.0308
53	.0674	.0129	-.0282	-.0155	.2980	-.0214	-.0092	.2575
54	.0190	-.0232	.0439	-.0164	.0516	.1019	-.0231	.0782
55	-.0659	.1716	.0137	.0882	.0737	.1362	-.0349	.2185
56	-.1465	.0579	.1347	.0694	.1729	-.0844	.1385	.1046
57	-.0344	.0736	-.0392	-.1356	.0910	-.0360	-.0271	.1067
58	-.1626	-.0299	.0914	-.1410	-.0380	.1088	-.0608	.1102
59	-.0208	-.1162	.0761	-.0552	-.0318	.0182	.0117	-.0031
60	-.0390	-.1173	.0805	.0221	-.0551	.0066	.0301	-.0903
61	.0007	-.0033	-.0543	-.0529	.0616	-.1164	-.2219	-.0097
62	-.0242	-.0262	.0621	-.1264	.0710	.0139	-.0411	.0222
63	.0238	-.0762	.0444	-.0830	.0437	.0443	-.1281	.2667
64	.0101	.0292	.0124	-.0398	.0650	-.0218	-.1312	-.0223
65	-.1089	-.0233	-.0115	-.0714	-.0509	.0243	.0004	.0004
66	-.0638	.0363	.0153	-.7110	.0446	.1053	-.0009	.0335
67	-.0863	.1967	-.0866	-.5052	-.0358	.0891	-.1204	-.1264
68	.0497	-.0164	.0457	-.1547	.0409	-.0682	.0541	-.0781
69	-.6413	.0147	-.0356	-.1569	-.0527	.1741	-.0290	.0624
70	-.0823	-.0597	.0449	-.2108	.0096	.0208	-.1297	-.1125
71	-.0000	-.0613	.0976	.1037	-.0704	.0173	.0216	-.0370
72	.0022	-.0268	-.0401	-.0130	.0358	-.0502	.0676	-.7581
73	-.0277	.0351	.0039	.0596	-.1322	.1051	.1105	-.1341
74	-.0823	-.0879	-.1163	-.0363	-.1187	.0465	-.1069	-.0688
75	-.1518	.0611	.0178	-.0012	.0759	.0845	-.0500	-.0778
76	.1364	.0337	.0039	-.2361	-.0013	-.0991	.0035	-.0734
77	.0267	-.0339	-.0560	-.0344	-.0614	-.0125	.0405	.0283
78	.0646	.2586	.0732	.0975	.0593	-.0881	.0205	-.0787
79	.0168	-.0024	-.0514	-.0034	.0236	.0191	-.0286	-.0627
80	.0790	.0670	-.0350	.0157	-.0710	.0128	.0304	-.0621
81	.0178	.0074	-.0296	.1150	.0659	-.0749	-.0836	-.1216
82	.0092	-.0134	-.0387	.0390	-.0100	.0224	-.0446	-.0726
83	.1023	-.0152	-.0208	.0039	.0199	-.0097	-.0000	-.1922
84	.0557	.0056	.0503	-.0665	.0482	-.2301	-.1004	-.1685
85	-.1096	-.0459	-.1251	.0689	-.0416	.0408	-.0710	.1494
86	-.0915	-.0599	.0787	-.1317	.0995	-.0146	-.1904	-.0682

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
44	-.7550	-.0257	.0138	-.0639	-.0961	.0443	.0549	-.0736
45	-.1748	.0630	-.0674	.0016	.1778	.1684	.3391	.0000
46	-.0105	.0987	.0651	-.0537	.0692	-.2074	.0445	-.1100
47	-.0457	.1086	.0891	.0805	-.0122	.0662	.0398	-.0552
48	-.0980	-.1063	-.0245	-.0789	-.2544	.0343	-.1167	.0659
49	-.1556	-.0154	-.0072	.0026	-.0200	-.0871	-.1095	.0134
50	-.0970	.0218	-.0182	.0706	.0334	-.1013	.0378	.1115
51	.0183	-.0215	-.1122	-.1199	.1325	-.0246	.1336	.1374
52	-.0239	.0457	-.1075	.0981	.4162	-.0131	-.0479	-.0797
53	.0881	-.0231	-.1329	-.0174	.1808	-.0964	.2543	.2380
54	-.0022	-.0418	.1462	-.0777	.0519	-.0271	-.0123	-.0585
55	-.0225	.0289	-.0010	-.0338	-.0501	-.0308	-.0753	-.0404
56	-.0875	.0219	-.0132	.2418	-.0213	.1947	.1098	-.0250
57	-.0553	-.0725	-.0364	.0705	-.1411	-.0863	-.1051	-.2401
58	-.1782	.0097	-.0607	-.0972	-.0290	.1731	.0754	.2382
59	.0757	.0033	-.0032	.1654	-.1162	-.0059	-.0261	.7034
60	-.0421	-.0139	-.0386	.0677	-.0737	-.0334	-.0208	-.0170
61	-.0529	.3085	-.1334	.0107	-.0814	.0002	-.0981	-.0009
62	.0379	.7887	-.0003	.0119	-.0174	-.0297	-.0723	-.0310
63	.0729	.1651	-.0684	.0577	-.3394	.2228	.1447	-.0898
64	.1008	.0613	.0050	-.0678	-.0676	-.0462	.0481	.0297
65	.0258	.0194	-.0314	.0003	.0065	.0029	.0549	.0797
66	-.0370	.1061	-.0108	-.0058	-.0359	-.0517	-.0592	.0133
67	-.1212	.0105	.0379	.0309	.0183	.0864	-.0159	.1201
68	.0036	.0836	-.1062	.0935	-.0664	-.0289	-.0411	-.0519
69	.0074	.0576	-.0805	-.0767	.0536	.0692	.0802	-.0301
70	.0519	-.0149	.0854	.0337	-.0196	.1776	.0219	.1816
71	-.0538	-.0352	.0365	.0071	.0064	-.0496	-.0161	-.1191
72	.0282	-.0064	-.0110	.0123	.0252	.1539	.1105	.0224
73	.0076	.0250	.1044	-.1300	-.1016	-.0091	.0017	.1228
74	.1040	.0968	-.0511	-.0852	.0597	.0554	.0899	.0566
75	.0085	.0180	-.0223	-.0845	.0186	-.0135	.0165	.1121
76	-.0795	.0303	-.0525	.1338	.0379	-.0592	.0306	-.0404
77	.0716	.0432	.0443	.0101	-.0082	.0326	.0812	.0900
78	.0529	.0857	.1518	-.0314	-.2161	-.0223	-.0464	.0194
79	.0147	.0010	.0263	.0108	-.0215	.0352	-.0028	.0620
80	.0631	.0364	-.0729	.0212	-.0067	.0413	.0343	.0323
81	-.0634	.0536	.0492	.0969	-.0666	.0625	.0814	.0743
82	-.0155	.0213	.0383	-.0063	-.0287	.0423	.0156	.0276
83	-.0299	.0052	.0122	.0405	.0015	.0374	-.0260	.0349
84	-.0904	.0522	.0749	.1030	.0223	.0181	-.0141	.0155
85	.0660	.0907	-.0122	-.1863	.0542	-.0194	-.0103	-.0491
86	-.0614	-.1486	-.0148	.0056	.1175	-.0459	-.2026	-.0590

Variable	Factors						
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	n^2
44	-.1108	-.0431	.0816	.0200	.0043	.0077	.6621
45	.0241	-.1548	-.3066	.0204	.0114	.0172	.5909
46	-.2987	-.5289	.0194	.1701	-.1073	-.1784	.6839
47	-.2239	-.0896	.0348	-.0141	.1401	.0855	.5655
48	-.0561	-.4996	-.0929	-.0426	.2120	.0486	.5974
49	-.0929	.0012	-.1066	.0226	.0824	.0207	.6890
50	-.7024	-.0792	-.0534	-.0907	-.0018	.0363	.6493
51	-.1173	-.0439	.1180	-.1092	.4262	.0211	.5720
52	.2417	-.1971	.0187	.0727	.1963	-.0823	.5987
53	.0731	-.0028	-.2149	.0721	.1384	.0247	.5910
54	.0222	-.0593	-.0985	.0332	.6663	-.0810	.6065
55	-.0022	-.1256	-.1252	.0428	.1138	.2542	.5915
56	-.2561	-.1049	.0447	.0873	.1180	-.1215	.5853
57	-.0000	-.0333	-.1101	-.1624	.2106	.1007	.6299
58	-.3563	-.0862	-.1494	-.0853	.2038	-.0334	.6114
59	-.1319	.0272	-.0703	.0635	-.0480	-.0514	.6573
60	-.1094	.0491	-.1026	.0434	.1127	.0375	.6550
61	-.1741	.0268	-.0240	.0313	.2476	.1779	.5973
62	-.0203	-.0215	-.0337	.0492	-.0210	.0000	.6772
63	-.2271	-.0344	-.0493	-.0465	.0355	-.0207	.5892
64	-.0657	-.0146	-.7042	-.0418	.0594	.0718	.6014
65	-.0135	-.0277	-.0319	.0922	-.0189	-.0407	.6475
66	-.0739	-.0133	.0369	-.0375	-.0056	-.0298	.6087
67	.0354	.0528	-.2988	.0113	-.0225	-.0454	.6231
68	.0232	-.0942	-.0436	-.0450	.1208	-.0294	.6250
69	.0151	-.1247	-.0378	.0165	.0543	-.0094	.5810
70	.0745	-.2838	-.1174	.0138	-.0907	-.0014	.5549
71	-.0034	-.1005	-.2245	-.0938	-.0166	-.0592	.6281
72	.0035	.0143	-.0599	-.0443	-.0163	-.0028	.7260
73	.0208	-.0403	-.0207	-.0226	.0300	-.0001	.6079
74	-.0474	-.0018	.0192	.0525	.1434	-.0624	.5434
75	-.1123	.1660	.0998	.0744	-.0616	.0444	.6704
76	.1520	-.0995	.0648	-.1686	.1984	.1458	.6984
77	.0388	.1263	-.0005	.0169	-.1354	-.0414	.6736
78	.0773	.0112	.0701	-.1180	-.0801	.0300	.6108
79	.0617	.0617	.0596	-.0407	-.0704	-.0318	.8802
80	-.0203	.0457	-.0037	-.0772	-.0290	-.0655	.7688
81	.1238	.0476	-.0114	-.0490	.0545	.0920	.6939
82	.0725	.0491	.0581	-.0814	-.0609	-.0360	.8471
83	.0717	.0361	.0118	-.0398	-.0441	-.0427	.8362
84	.0774	-.0479	.0552	-.0631	.0861	.0612	.6050
85	-.0466	.0646	.0293	.1032	-.0065	-.0210	.6458
86	-.1933	.0426	.0062	.2061	.1660	.1207	.6721

Variable	Factors							
	I	II	III	IV	V	VI	VII	VIII
87	.7470	.0107	-.0448	.0728	.0769	.0900	-.0156	-.1356
88	.8408	.0825	-.0068	.1006	-.0272	.0351	.0250	-.0307
89	.6737	.0201	.1155	.0913	.1092	-.0747	-.0353	-.1211
90	.7656	.0511	-.0293	.1155	.0646	.1347	.0246	-.0415
91	.0167	.9145	-.0223	.0475	.0047	.0108	.0086	.0555
92	.0143	.9355	.0153	.0292	.0107	.0479	-.0112	-.0082
93	.0229	.7400	-.0320	-.1547	.0977	-.1396	.0919	.0602
94	.0064	.8443	.0308	.0443	-.0127	.0021	-.0645	-.0616
95	.0094	.8835	.0340	-.0748	.0172	-.0731	.0475	.0261

Variable	Factors							
	IX	X	XI	XII	XIII	XIV	XV	XVI
87	.0124	-.0083	-.0827	.0145	.0576	.0232	-.0154	.1186
88	.0097	.0006	-.0506	-.0806	-.0138	.0246	-.0086	.0444
89	.0172	-.0493	-.0565	-.0094	.1388	.0518	.1186	.0738
90	.0459	.0691	.0772	.0190	-.0146	.0595	.0945	-.0076
91	.0078	.0437	.0217	.0311	-.0293	.0239	-.0187	.0160
92	.0029	-.0119	.0261	.0034	.0225	-.0431	-.0060	.0005
93	-.0378	-.0892	-.1162	-.1034	.0292	.0387	.0300	-.0587
94	.0228	-.0053	.0274	-.0270	-.0047	-.0026	.0271	.0336
95	-.0326	.0147	.0448	-.0390	-.0167	-.0112	-.0472	.0462

Variable	Factors							
	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV
87	.0902	-.1335	-.0553	-.0871	-.1126	-.0544	-.0546	-.0056
88	-.0128	.0165	-.0090	-.0628	-.0631	-.0583	-.1250	-.0283
89	-.0220	-.1426	-.1200	-.2115	-.1152	.0171	-.1319	-.0973
90	-.0021	-.1026	-.0264	-.1155	-.0238	.0434	-.0751	-.0262
91	-.0476	.0203	.0065	.0214	-.0467	-.0533	-.0151	-.0173
92	-.0235	.0497	.0308	-.0131	-.0413	-.0196	-.0172	.0274
93	.0896	-.0949	-.1254	.0094	.0931	.1667	-.0152	.0609
94	-.0584	.1382	.0694	-.0448	-.0855	-.0851	-.0018	.0584
95	.0130	-.0625	-.0026	.0628	-.0016	.0300	.0363	-.0572

Variable	Factors						
	XXV	XXVI	XXVII	XXVIII	XXIX	XXX	n^2
87	-.0455	-.0356	-.0295	.0186	.0119	-.0894	.6916
88	-.0711	.0515	-.0679	-.0172	-.0028	.0087	.7806
89	-.0869	.1000	.0384	.0070	-.0897	.1150	.7177
90	-.0484	-.0318	-.1152	.0052	-.0919	-.0678	.7167
91	.0092	.0381	-.0202	.0280	-.0104	-.0339	.8616
92	-.0218	-.0024	-.0287	-.0378	.0301	-.0098	.8933
93	.0136	.0072	-.0650	-.0822	.0750	-.0105	.7448
94	.0203	-.0579	-.0441	-.0357	-.0117	.0283	.7832
95	-.0093	.0180	.0130	.0484	-.0074	-.0761	.8279

APPENDIX D

RAW DATA

RAW DATA FOR EACH OF 121 EFFECTIVENESS ITEMS

SUBJECT NO. = 1 PIRT = 14.59
1 1 1 0 1 1 1 1 1 0 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1
0 1 0 0 0 0 1 0 0 0 0 0 0 1 1 0 0 0 1 0 0 0 0 0 1 1 0 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 0 1 0 1 1 1 1 1 1 1 0 0 1 1 1
2.69 1.15 1.15 1.92 1.92 0.77 1.92 0.77 1.54 2.30 3.46 1.54
1.92 2.69 1.54 3.07 1.54 0.77 2.30 1.92 1.15 3.84 1.92 3.07
3.07 1.92 1.92 2.30 3.46 3.07
SUBJECT NO. = 2 PIRT = 7.30
1 1 1 1 1 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0
1 1 1 1 0 1 1 1 1 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0
1 1 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 0 1 1 0 1 1 1 1 0 1 0 0
1.92 0.38 0.38 1.15 0.77 2.30 1.15 2.30 0.38 0.0 0.38 0.77
0.38 0.77 2.69 0.77 1.54 1.15 0.38 0.77 1.92 0.77 0.38 0.38
1.54 1.15 1.54 1.54 1.54 1.15
SUBJECT NO. = 3 PIRT = 0.77
0 1 1 0 1 0 1 1 1 0 0 0 0 0 1 1 0 0 1 1 0 1 1 1 1 0 0 1 1 0
0 1 1 1 1 1 1 0 0 0 0 1 0 0 1 1 0 0 0 1 0 1 0 0 0 0 1 0 0 0 0
0 1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1 1
0.38 0.38 0.38 1.15 0.77 0.77 2.30 1.15 0.77 0.38 0.38 0.38
0.77 1.15 1.54 0.77 1.92 1.15 0.77 0.0 0.77 0.77 0.77 0.38
0.38 0.38 0.77 1.15 0.77 0.77
SUBJECT NO. = 4 PIRT = 12.29
1 0 1 1 1 1 1 1 1 0 1 1 1 0 0 0 1 0 1 0 1 0 1 1 1 1 1 0 1 0 1 1
0 0 1 0 1 0 0 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1
0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1
0.77 1.92 1.15 1.15 1.54 0.38 0.77 0.77 2.69 1.15 0.77 1.15
0.77 0.77 1.92 1.15 1.15 1.15 1.54 2.30 1.92 1.92 1.15 2.30
1.54 0.38 0.77 1.15 0.77 1.92
SUBJECT NO. = 5 PIRT = 4.61
1 1 1 0 1 1 1 1 1 1 0 1 1 1 0 1 1 0 1 0 0 1 1 1 1 1 0 1 1 1 1
0 1 1 1 0 1 0 1 1 0 0 1 0 0 1 1 1 0 1 1 0 0 0 0 0 0 0 0 1 1
0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1
1.15 0.77 0.38 0.77 1.15 0.77 0.38 1.54 1.54 0.38 0.38 1.15
0.77 0.77 0.77 0.0 1.15 0.77 1.54 1.15 0.77 0.38 1.15 0.38
0.38 1.15 0.77 1.92 1.15 1.54
SUBJECT NO. = 6 PIRT = 4.99
1 1 1 0 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 0 1 1
1 1 1 1 1 1 0 0 1 1 0 0 1 0 1 1 0 0 0 0 0 0 0 1 0 1 0 1 1 1 1 1
1 1 0 0 1 1 1 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1.15 1.15 1.54 0.77 0.77 2.30 1.15 0.0 1.15 3.46 3.46 2.30
1.15 2.69 0.77 2.30 2.30 0.77 1.92 1.92 1.15 0.38 0.77 1.92
2.30 1.54 1.92 1.92 1.15 1.54
SUBJECT NO. = 7 PIRT = 4.22
1 1 1 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 0 1 0 1 1 1 1 1 1 0 1 1
1 1 1 1 0 0 1 1 1 1 1 1 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 1 1

1 1 1 0 1 1 0 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1
0.77 0.77 0.77 0.38 0.77 1.15 0.38 1.54 0.38 0.38 1.15 0.0
1.15 0.38 0.38 0.77 0.38 0.0 0.0 0.77 1.15 0.77 1.15 0.77
1.15 0.38 0.38 0.77 0.38 1.15

SUBJECT NO. = 8 PIRT = 6.53

1 1 1 1 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 1 1 0 1 1 1 0 1 1 0 0 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 1
1 1 1 1 0 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.38 0.77 0.77 1.15 1.15 1.54 0.38 1.15 1.15 1.54 0.38 2.30
1.92 0.38 1.54 0.38 0.77 1.15 1.15 0.38 1.54 0.77 0.38 0.38
0.38 1.54 0.77 1.15 0.38 0.38

SUBJECT NO. = 9 PIRT = 2.30

1 1 1 0 1 1 1 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 1 0 1 1 0 1 1 0
0 1 1 1 0 1 1 1 1 0 0 0 1 0 0 0 1 0 0 0 1 1 0 0 1 1 0 0 1 0
1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.77 0.38 0.77 0.38 0.77 0.0 0.77 1.54 0.38 0.38 0.38 0.77
0.77 0.38 0.77 1.15 0.38 0.38 0.77 0.0 0.38 1.15 0.77 0.0
0.77 0.38 0.0 0.77 0.77 0.0

SUBJECT NO. = 10 PIRT = 11.90

1 1 1 0 0 0 1 1 1 1 0 1 0 1 0 1 0 1 0 1 1 1 1 1 1 0 1 1 1 1
1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 0 0 1 0 0 0 1 0 0 0 0 0 0 1 1
1 1 0 0 0 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
2.30 1.15 2.69 0.77 2.30 1.54 1.15 0.38 1.15 2.69 2.30 1.15
1.54 2.30 1.15 2.30 1.54 0.38 1.54 0.77 1.15 1.92 0.77 1.54
1.92 2.30 4.22 1.92 2.69 1.54

SUBJECT NO. = 11 PIRT = 7.68

1 1 1 0 0 0 1 1 1 1 0 1 1 0 0 0 0 1 1 1 1 1 1 1 1 0 1 1 0 1
0 1 1 1 1 1 1 1 0 0 0 0 1 0 0 0 0 1 1 1 1 0 0 1 0 0 0 1 1 1 1
0 0 1 1 1 1 1 1 0 1 0 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 0
1.15 2.69 3.07 1.15 4.22 1.54 3.07 1.92 1.54 0.38 0.77 1.15
1.54 2.69 2.30 1.15 2.69 3.84 1.15 0.77 1.15 1.92 0.77 0.77
1.15 1.54 2.69 0.38 1.54 0.38

SUBJECT NO. = 12 PIRT = 6.91

1 1 1 0 1 1 1 1 1 1 0 1 1 0 0 0 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 1 0 0 1 0 1 0 0 1 0 0 1
0 1 0 1 0 1 1 0 1 1 1 1 0 0 1 1 1 0 0 0 1 1 1 1 1 1 1 0 1 1 1
1.15 1.15 0.77 1.15 0.77 1.54 0.38 1.92 1.15 1.15 0.0 0.0
1.15 0.38 0.77 0.0 1.15 4.22 0.0 1.54 1.54 1.54 1.92 0.38
1.92 1.15 0.38 0.77 1.15 0.0

SUBJECT NO. = 13 PIRT = 6.14

1 1 1 1 1 1 0 1 1 0 1 1 1 0 1 1 0 1 1 0 0 1 1 1 0 1 0 0 0 1 1
1 1 0 1 0 1 1 0 0 0 1 1 1 0 1 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0
0 0 0 1 0 0 0 0 0 0 1 1 0 0 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1
1.54 1.15 2.30 1.92 0.0 0.77 1.15 1.54 1.15 3.07 2.30 1.15
0.77 1.15 1.15 1.92 1.92 1.54 1.15 0.77 0.38 2.30 1.54 2.30
2.69 1.92 0.38 2.30 4.22 1.15

SUBJECT NO. = 14 PIRT = 3.07

1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1

```
1 1 1 1 0 0 1 0 0 0 1 0 1 1 0 1 1 0 0 0 0 0 0 0 1 0 0 0 1 0
0 0 1 0 1 1 0 0 0 1 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1
0.38 0.77 0.38 0.0  0.0  0.77 0.0  0.0  0.77 0.77 0.77 0.77
0.0  0.38 0.0  0.0  0.38 0.0  0.77 1.54 0.38 0.38 0.77 0.77
0.77 0.38 0.0  0.0  0.38 0.38
SUBJECT NO. =  15      PIRT =  7.68
1 1 1 0 1 0 1 1 1 1 0 1 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 1 1 0 0 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1
1 0 0 0 0 0 1 1 0 1 1 1 1 0 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 0
0.38 1.92 0.38 1.54 0.38 0.77 2.69 1.15 1.92 0.0  0.0  1.15
1.15 0.77 0.0  1.15 0.77 0.77 1.54 1.15 1.15 0.38 1.54 0.77
0.0  0.77 0.0  0.38 0.77 0.77
SUBJECT NO. =  16      PIRT = 11.52
1 1 1 1 1 1 1 1 1 1 0 1 1 0 0 0 0 1 1 0 0 1 1 1 1 1 1 0 1 1
1 1 1 1 1 0 1 1 1 1 0 1 1 0 1 0 0 0 0 0 0 1 1 1 0 1 1 0 0 0
1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1
1.54 1.92 0.77 1.92 1.92 1.54 0.38 1.15 1.92 1.15 0.38 1.15
1.15 1.92 1.15 1.54 1.15 1.15 1.92 1.15 1.15 1.92 1.15 2.69
1.15 1.15 2.30 2.30 1.92 2.30
SUBJECT NO. =  17      PIRT =  4.61
1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 0 1 1
0 0 1 1 0 1 1 0 1 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 0 1 0 0
1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0.77 0.0  0.77 0.0  0.77 0.0  1.15 0.38 0.38 0.38 0.0  0.38
0.38 1.92 0.38 0.77 0.0  0.0  0.77 0.38 0.38 0.38 0.77 0.38
0.38 0.77 0.0  0.77 0.77 0.38
SUBJECT NO. =  18      PIRT = 19.97
1 1 1 0 1 0 1 1 1 0 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 0 1 0 1 1
1 1 0 1 0 1 0 1 0 1 1 1 1 1 1 0 0 1 1 1 0 0 0 1 1 1 1 1 1 1
1 1 0 1 0 0 0 1 1 0 1 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
2.69 3.46 2.69 1.54 1.92 3.07 0.77 1.54 1.92 3.07 3.84 3.07
2.30 3.84 2.69 1.54 1.92 1.15 3.07 2.69 1.92 2.30 1.92 4.22
2.69 3.07 6.14 3.46 2.30 3.07
SUBJECT NO. =  19      PIRT =  1.54
1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 1 0 1 0 1 1 1 1 1 1 0 1 1 1 0
0 0 1 1 0 0 1 0 0 0 0 0 0 1 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 1
1 0 0 1 0 1 1 1 1 1 1 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0  0.0  0.38 0.0  0.0  0.0  0.0  0.38 0.38 0.0  0.0  0.77
0.0  0.38 0.77 0.38 0.0  0.0  0.0  0.0  0.0  0.0  0.0  0.0
0.38 0.0  0.0  0.0  0.0  0.0
SUBJECT NO. =  20      PIRT =  0.77
1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1
1 1 1 1 0 1 1 1 0 0 0 1 1 1 0 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0
1 1 1 1 0 0 1 0 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 0 1 0 0 1 1 0
0.0  0.0  0.0  0.0  0.0  0.38 0.0  0.0  0.0  0.0  0.0  0.0
0.38 0.0  0.77 0.0  0.38 0.38 0.0  0.0  0.0  0.0  0.0  0.0
0.0  0.0  0.0  0.0  0.38 0.0
SUBJECT NO. =  21      PIRT =  0.0
```

```
1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 1 1 1 1 1 1 0 0 1 0 1 0 1 1
0 1 0 1 1 1 0 0 1 0 1 1 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0 1 0 0
1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1
0.38 0.0  0.0  0.0  0.0  0.0  0.77 0.0  0.38 0.0  0.0  0.38
0.0  0.0  0.38 0.38 0.0  0.0  0.0  0.0  0.38 0.38 0.0  0.0
0.77 0.0  0.0  0.0  0.0  0.38
SUBJECT NO. =  22        PIRT =  6.14
1 1 1 1 0 1 1 1 1 0 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1 0 1 1
0 1 1 0 0 0 1 1 0 0 1 1 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 1 1 1
0 1 1 0 1 1 1 1 1 1 0 1 0 0 1 0 1 1 1 0 0 1 1 1 1 0 1 1 1 1
1.54 2.30 1.92 1.15 1.15 1.15 1.92 2.30 1.54 1.54 0.38 1.54
2.30 1.15 1.54 1.15 1.15 2.30 0.77 2.69 1.54 1.15 1.54 0.77
0.77 1.54 0.38 0.77 1.54 1.15
SUBJECT NO. =  23        PIRT =  3.84
1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1
1 1 1 1 1 0 1 1 1 0 0 1 0 0 1 1 0 1 0 0 0 0 1 0 1 0 0 1 1 0
1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1
0.38 0.77 0.0  0.77 0.38 0.77 0.38 1.15 0.38 0.0  0.0  0.38
0.0  0.38 0.0  0.77 0.77 0.0  0.77 0.0  0.38 0.0  1.54 0.0
0.0  0.0  0.0  0.77 0.0  0.0
SUBJECT NO. =  24        PIRT =  4.61
1 0 1 1 0 0 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1
0 0 1 1 0 0 0 1 1 1 1 0 1 1 0 1 0 1 1 0 0 0 0 0 0 0 0 0 1 0
0 1 0 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1
0.38 1.92 1.54 3.46 0.38 0.38 0.77 1.15 1.15 0.77 0.0  1.15
0.38 0.0  2.30 0.77 0.77 3.46 0.77 0.0  1.15 1.15 0.38 0.38
0.38 1.15 0.38 0.0  0.77 0.77
SUBJECT NO. =  25        PIRT =  1.15
1 1 1 0 0 0 1 1 0 0 0 0 0 0 0 1 0 1 0 1 1 1 1 1 0 0 1 1 1 1
0 1 0 1 0 1 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 0 0 1 1 1 0 0 0 1 1 0 0 1 1 0 1 0 1 0 1 1 1 0 1 1 1 1 1
0.77 0.0  0.0  0.38 0.0  0.0  0.38 0.38 0.38 0.0  0.0  0.38
0.38 0.77 0.38 0.0  0.0  0.0  0.0  0.77 0.0  0.0  0.77 0.0
0.0  0.38 0.38 0.38 0.38 0.38
SUBJECT NO. =  26        PIRT =  5.38
1 1 1 0 0 1 1 1 1 1 0 1 1 0 1 0 1 1 0 1 1 1 1 0 1 0 1 0 1 1
1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1 1 0 0 0 0 0 1
0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 0 1 0 1
0.38 0.77 0.0  0.77 1.54 0.38 1.92 0.77 0.77 0.0  0.38 0.38
0.38 1.92 0.38 1.54 1.15 0.77 0.38 1.15 0.77 0.38 1.92 1.15
0.0  1.15 0.38 0.38 0.77 1.54
SUBJECT NO. =  27        PIRT =  4.22
1 1 1 1 1 1 1 1 1 1 0 1 0 1 0 1 0 0 0 1 1 0 0 1 0 0 0 1 0 1 0
1 0 0 1 1 0 0 0 1 0 1 1 1 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0
0 1 0 1 1 1 1 1 1 1 1 0 1 0 0 1 0 1 1 1 0 1 0 1 1 1 1 1 1 1
1.92 1.92 0.77 2.30 1.54 1.15 1.92 1.15 1.54 0.77 0.38 0.0
1.15 0.0  1.15 1.15 2.30 0.77 0.77 1.15 2.30 0.38 1.92 1.15
0.38 1.15 0.38 0.0  1.54 1.54
```

SUBJECT NO. = 28 PIRT = 7.30

1 1 1 1 1 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 0 1 1 1 1 0 1 0 0 0
1 1 1 1 0 0 1 0 1 1 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 1 1 0 0 1 0 0 1 1 0 0 0 1 1 0 0 0 1 0 1 1 1 1 1 1 0 0 1 1
1.15 1.15 2.30 1.54 0.77 1.15 0.0 0.38 0.38 1.15 2.30 0.77
1.54 1.15 1.15 1.54 1.15 0.77 2.30 2.69 1.54 1.54 1.92 0.77
1.92 1.54 1.15 2.69 1.15 1.54

SUBJECT NO. = 29 PIRT = 10.59

1 0 1 0 0 1 1 1 1 1 0 1 1 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 0
0 1 1 1 0 0 1 1 0 1 0 0 0 0 0 1 0 1 1 0 1 0 1 1 1 0 0 0 0 1
0 0 0 1 1 1 1 1 1 1 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0
1.76 1.18 1.76 1.18 4.12 3.53 4.71 2.35 2.35 0.0 1.18 0.59
2.35 2.35 2.35 0.59 1.76 2.94 1.76 1.18 1.76 0.59 2.35 1.76
1.76 1.18 2.35 2.35 2.35 1.76

SUBJECT NO. = 30 PIRT = 13.53

1 1 1 0 0 1 0 1 1 0 0 1 1 0 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1
1 0 1 0 1 1 1 0 0 0 1 1 0 1 1 1 0 0 1 0 0 0 1 1 0 1 0 0 0 1
0 0 0 0 1 1 0 1 0 1 0 1 0 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1
2.94 2.94 1.18 2.94 6.47 1.76 5.29 1.76 2.94 1.76 0.59 1.18
2.94 2.35 1.18 1.18 2.94 3.53 1.18 1.76 1.18 2.94 1.18 1.76
1.18 1.18 2.94 2.94 1.18 2.35

SUBJECT NO. = 31 PIRT = 0.0

1 1 1 0 0 1 1 1 1 1 0 0 1 0 1 1 0 1 0 1 0 0 1 0 1 1 1 0 0 1
0 1 1 1 0 1 1 0 0 0 1 0 0 1 0 0 1 1 0 1 1 0 0 0 0 1 1 1 1 1
1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0

SUBJECT NO. = 32 PIRT = 6.47

1 1 1 1 1 1 1 0 1 1 1 1 0 0 0 1 0 1 0 1 1 1 1 1 1 0 1 1 1 1
1 1 1 1 1 1 1 0 1 1 0 0 0 0 1 0 0 1 0 1 1 1 0 1 1 1 1 0 1 1
1 0 0 0 1 1 1 1 0 1 1 1 0 0 0 1 0 1 1 1 1 0 1 0 0 0 0 0 0 0
1.18 0.59 1.76 0.59 0.59 1.76 1.18 1.18 0.59 1.76 0.59 2.35
0.0 2.35 0.59 0.59 1.18 1.18 0.59 1.76 1.18 3.53 1.18 2.35
0.59 1.76 0.0 1.18 0.59 1.18

SUBJECT NO. = 33 PIRT = 6.47

1 1 0 0 1 1 1 1 1 1 1 0 0 0 1 0 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1
1 1 0 1 0 0 0 0 0 0 1 0 0 0 1 1 1 1 0 0 0 0 0 0 0 1 0 0 1 0
0 1 1 0 0 0 0 1 0 1 1 1 0 1 0 0 1 1 1 1 1 1 1 1 0 1 0 1 0 0 1
1.18 1.18 1.18 1.18 1.76 0.59 1.18 0.0 1.76 1.18 1.18 1.18
0.59 0.59 0.59 1.76 1.18 0.0 1.18 0.0 1.18 1.18 0.59 0.0
1.18 0.59 0.0 1.18 1.18 0.59

SUBJECT NO. = 34 PIRT = 12.35

1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 0 1 1
1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 0 0 0 1 1 0 0 1 0 1 1 0 0 1 0 1
1 1 0 0 1 1 1 1 1 1 0 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0
2.35 1.18 2.35 2.35 1.18 3.53 2.35 2.94 1.18 2.35 1.76 1.76
1.76 2.35 1.76 0.59 1.18 2.35 2.35 0.59 2.35 1.76 2.35 1.76

2.35 0.59 1.18 2.35 2.35 1.76
SUBJECT NO. = 35 PIRT = 5.88
1 0 1 0 1 1 1 1 1 1 0 0 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1
1 1 1 0 1 0 1 1 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1
0 0 0 0 1 1 1 1 1 1 1 1 0 0 1 0 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1
1.76 1.76 0.0 2.35 1.18 1.18 1.18 2.35 0.59 0.0 1.18 0.59
1.18 0.0 1.18 0.59 2.35 1.76 1.76 1.76 1.76 0.0 1.76 0.0
1.18 0.59 0.0 0.59 1.76 1.18
SUBJECT NO. = 36 PIRT = 8.82
1 1 1 0 1 1 1 1 1 0 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1
1 0 1 1 0 1 0 1 0 1 1 0 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 1 1 0
1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1
1.18 1.18 1.18 2.35 1.18 1.18 1.18 0.0 0.59 0.59 0.59 0.59
2.35 1.76 1.76 0.0 1.18 2.35 2.35 2.35 1.76 2.35 1.76 4.71
1.18 1.76 5.29 0.59 0.0 1.18
SUBJECT NO. = 37 PIRT = 10.59
1 1 1 0 1 0 1 1 0 1 1 1 0 0 0 0 0 1 1 1 1 1 1 0 1 0 1 0 1 0
0 1 1 1 0 1 1 0 0 0 0 1 0 1 1 1 0 1 1 0 0 0 0 1 0 0 0 0 1 0 0
1 1 1 0 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 0 1 1 1 0 1 0 0 1 1 1
2.35 1.76 2.94 1.18 0.59 2.94 1.18 1.76 1.18 4.71 4.71 2.94
1.76 1.76 4.71 3.53 2.35 0.59 3.53 2.35 0.0 2.94 2.35 3.53
2.94 3.53 1.76 2.35 0.59 1.18
SUBJECT NO. = 38 PIRT = 5.29
1 1 1 0 1 0 1 1 0 0 0 1 0 0 0 1 0 0 1 1 0 1 0 1 1 0 0 0 0 1
1 0 1 1 1 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 1 1
1 1 0 1 1 1 1 1 0 1 1 1 0 0 1 1 1 0 1 1 0 1 1 1 1 0 0 1 1 1
0.0 1.76 0.0 1.18 1.18 0.0 1.18 1.18 0.59 1.18 0.0 1.76
1.18 0.59 1.18 2.35 1.76 0.59 0.59 1.18 1.76 1.18 0.59 0.0
1.18 1.76 0.0 0.59 1.18 0.59
SUBJECT NO. = 39 PIRT = 17.65
1 1 1 1 1 0 1 1 1 0 0 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 1 0 1 1 0 1 1 1 1 1
1 0 1 1 0 1 1 0 0 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 0 0 1 1 0
1.18 1.76 4.12 0.59 2.35 3.53 1.76 0.59 2.35 0.59 0.0 1.76
2.94 3.53 2.35 1.18 1.76 2.35 2.94 2.35 1.76 1.76 1.18 2.94
2.94 3.53 4.71 1.76 2.35 2.94
SUBJECT NO. = 40 PIRT = 11.18
1 0 0 1 1 0 1 1 0 0 0 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 0 0 1 0 0
1 1 1 0 0 0 0 0 0 0 0 1 0 1 0 1 0 0 0 0 1 0 1 0 0 0 1 0 0 1 0
1 1 1 0 1 1 1 0 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0
2.35 1.18 2.35 1.18 0.59 0.59 0.0 1.18 2.35 3.53 4.12 1.76
1.18 1.18 0.0 3.53 1.76 0.0 1.76 2.35 2.35 1.18 1.18 2.35
2.35 1.76 0.0 2.94 1.18 2.94
SUBJECT NO. = 41 PIRT = 7.65
1 1 0 1 0 1 1 1 0 1 0 1 1 0 0 1 0 0 0 1 0 1 0 1 1 1 1 0 1 1
0 1 1 0 1 0 1 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0
1 0 1 0 1 1 1 1 0 1 0 1 0 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1
1.18 1.76 2.35 1.76 2.94 0.59 1.76 1.76 2.35 0.59 0.0 1.18

1.76 2.35 0.0 1.76 1.18 1.76 0.59 1.18 1.18 1.76 0.0 1.76
1.18 2.94 1.76 2.94 1.18 1.18
SUBJECT NO. = 42 PIRT = 13.53
1 1 0 0 0 1 1 1 1 1 0 1 0 0 0 1 1 1 1 0 1 1 1 0 1 0 1 0 1 0
1 0 1 1 1 0 1 0 0 0 0 0 0 1 0 1 0 1 1 0 0 1 0 1 0 0 0 0 0 1
0 0 0 0 0 1 1 0 1 1 1 0 0 1 0 0 1 0 1 1 0 1 0 0 1 0 1 1 1 1
2.94 2.35 2.94 2.35 0.0 1.76 0.59 2.35 2.94 2.35 2.35 2.94
2.35 1.18 2.35 2.35 1.18 2.35 1.18 2.35 2.35 1.76 4.71 2.35
2.35 1.76 1.76 1.18 2.35 2.35
SUBJECT NO. = 43 PIRT = 5.88
1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 0 0 1 1 1
0 0 1 1 0 1 0 0 1 0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 1 0 0 0 0 1
1 0 0 0 0 1 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1
1.76 2.35 0.59 2.94 0.0 1.18 0.59 2.94 2.94 1.76 1.18 0.59
0.59 0.59 1.76 0.0 1.76 1.76 0.59 1.76 0.0 0.0 2.35 0.59
0.59 1.18 1.18 1.76 1.76 0.59
SUBJECT NO. = 44 PIRT = 4.71
0 1 0 0 0 1 0 1 1 0 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 0 0 0 1 1
1 0 1 1 1 0 1 0 1 1 0 1 0 0 0 1 0 0 0 0 0 1 0 1 0 0 1 0 0 1
1 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 0 1
0.59 0.59 0.0 0.59 1.76 1.76 2.35 1.76 2.35 0.59 0.59 0.59
1.18 0.59 0.59 0.0 0.59 1.18 0.59 0.59 0.59 0.59 1.18 0.0
0.0 0.59 0.0 0.0 1.18 1.18
SUBJECT NO. = 45 PIRT = 20.00
1 1 1 1 0 0 0 0 1 0 0 1 0 1 0 1 1 1 1 1 1 1 1 0 1 1 0 0 0 1 0
0 1 1 0 0 1 1 0 1 0 1 0 1 1 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0
0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1
2.35 2.94 2.94 1.76 1.76 1.76 1.76 0.59 2.35 5.88 5.88 4.71
2.94 3.53 3.53 2.35 1.76 1.18 2.94 2.94 2.94 4.71 2.35 3.53
2.35 1.18 3.53 3.53 2.94 3.53
SUBJECT NO. = 46 PIRT = 1.82
1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1
0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 1 0
1 1 0 1 1 0 0 1 0 1 1 1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 0 1
0.45 0.0 0.45 0.45 0.45 0.45 0.0 0.91 0.91 1.36 0.91 0.45
1.82 0.45 0.0 0.0 0.45 0.45 0.0 0.0 0.45 0.45 0.45 0.91
0.45 0.45 0.91 0.45 0.91 1.36
SUBJECT NO. = 47 PIRT = 7.73
1 1 1 1 0 1 1 1 1 1 1 0 1 0 0 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 0 1 0 1 1 1 1 1 1 1 0 0 1 1 1 1 0 0 0 0 0 1 0 0 0 0 1 1 1
0 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 1
0.91 0.91 0.91 0.45 1.36 0.91 0.45 2.73 1.36 0.45 0.45 3.64
2.73 0.45 1.36 0.45 1.82 3.18 0.0 1.36 1.36 1.36 1.36 0.91
0.91 1.36 0.45 0.45 2.27 0.45
SUBJECT NO. = 48 PIRT = 9.54
1 1 1 0 0 0 1 1 1 1 0 1 0 0 0 1 0 1 0 1 1 1 0 1 1 0 1 0 0 0
1 1 1 1 0 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1
0 1 0 0 0 1 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1

0.45 0.91 0.91 0.0 1.36 2.27 0.91 2.73 0.91 1.36 0.45 2.27
1.36 0.91 1.36 0.45 0.91 3.18 0.91 3.18 1.82 1.82 3.18 2.27
0.91 1.36 3.64 1.36 2.27 0.91

SUBJECT NO. = 49 PIRT = 6.36

1 1 1 0 1 1 1 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1 0 1
0 1 1 1 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0
1 0 0 0 1 0 0 0 1 1 0 0 0 0 1 1 0 0 1 0 1 1 1 0 1 1 1 1 1 0
0.91 0.91 0.91 0.45 0.0 0.45 0.45 1.82 0.45 0.91 0.0 0.45
0.45 0.0 0.91 0.91 0.45 0.91 1.36 0.45 2.27 1.36 0.91 0.0
0.45 0.91 1.36 0.45 1.82 1.82

SUBJECT NO. = 50 PIRT = 2.73

1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 1 0 1 0 1 0 1 0 1 1 0 1 1 1 1
0 1 1 1 1 1 0 1 0 0 0 0 1 0 0 1 0 0 0 0 1 1 0 1 0 0 0 0 0 0
0 1 0 0 1 0 1 1 0 1 1 0 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1
0.45 2.73 0.45 0.91 2.73 1.36 1.36 0.91 1.36 0.0 0.0 0.45
0.0 0.45 1.36 0.91 0.91 0.45 1.82 0.0 1.82 1.36 0.45 0.45
0.0 1.82 0.45 1.82 0.45 0.0

SUBJECT NO. = 51 PIRT = 7.27

1 1 1 0 1 1 1 1 1 1 0 1 0 0 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1
0 1 1 1 1 0 1 0 0 0 1 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 1 1 1
0 1 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.91 2.27 0.0 0.91 1.36 1.82 4.54 1.36 1.82 0.91 1.36 0.91
1.36 1.82 1.36 1.82 0.0 1.36 0.45 0.91 0.91 0.45 1.82 0.45
0.91 0.45 0.91 0.0 1.36 1.36

SUBJECT NO. = 52 PIRT = 6.82

1 0 1 0 0 1 0 1 0 1 0 1 0 0 1 0 1 0 0 1 1 1 0 0 0 0 1 0 1 0
1 0 1 1 0 0 1 1 0 0 0 0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 1 0
1 1 0 0 1 1 1 1 0 1 0 1 0 0 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 0
2.27 2.73 0.91 3.18 1.82 1.36 2.27 3.64 1.82 0.0 0.45 0.91
0.0 0.91 1.36 1.36 1.36 1.36 1.82 1.82 1.82 2.73 1.82 0.91
0.45 1.82 0.0 0.91 1.36 0.91

SUBJECT NO. = 53 PIRT = 5.00

1 1 1 1 0 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 1 1 1 0 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0
1 1 1 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1
2.73 0.0 0.45 0.0 0.91 0.45 0.91 1.82 0.91 0.45 0.45 0.91
0.45 0.45 0.0 0.45 1.36 0.0 1.82 1.36 1.36 0.45 0.45 0.0
0.91 0.91 0.91 3.18 0.45 0.91

SUBJECT NO. = 54 PIRT = 13.63

1 0 1 0 1 1 1 1 1 1 0 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 0
1 1 1 1 1 1 0 1 1 1 1 0 1 0 0 1 1 1 0 1 1 1 0 0 0 0 0 1 1 1 0 1
0 0 1 0 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1 0 1 1 1 1 1 1 0 1 1 1 1 1
0.45 1.82 1.82 0.0 1.36 1.82 0.45 0.91 2.27 2.27 2.73 1.36
1.82 1.36 1.82 2.27 1.82 0.91 1.82 2.27 2.27 2.73 1.36 3.18
0.91 2.73 0.91 0.45 1.82 3.18

SUBJECT NO. = 55 PIRT = 1.82

0 1 1 0 0 1 1 1 1 1 1 0 1 0 0 0 1 0 1 1 1 1 1 1 1 1 1 0 0 1 0 1
0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 1 0 1 0 0 0 0 0 1

```
1 0 0 0 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1
0.91 0.91 0.91 1.82 1.36 1.82 1.36 0.45 0.45 0.91 0.0  0.45
0.91 0.91 2.27 0.91 0.45 0.91 0.91 0.91 0.91 0.45 0.0  0.45
0.0  0.0  0.91 0.0  0.0  0.0
SUBJECT NO. =  56      PIRT = 13.63
1 1 0 0 1 1 1 1 1 1 0 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0
0 0 1 0 0 0 0 0 0 1 1 0 0 0 1 1 1 1 0 1 1 1 0 0 1 0 1 1 1 1
1.36 2.27 1.82 2.73 2.27 2.27 0.91 1.36 1.82 0.0  1.36 1.82
1.82 1.36 1.36 3.18 2.27 0.91 2.27 1.82 1.82 1.82 2.73 2.27
0.45 1.36 0.91 3.18 1.82 0.91
SUBJECT NO. =  57      PIRT =  4.09
1 1 0 0 0 1 1 1 1 1 0 1 1 0 0 1 0 0 0 1 1 1 0 1 1 0 1 0 1 1
0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 1 1 1 0 0 0 0 1 0 0 0 1 0
0 0 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 0 1 0 1 1 1 1 1 1
0.91 1.36 0.91 1.36 2.73 0.91 1.36 1.36 0.91 0.0  0.45 0.91
0.45 0.45 1.36 0.45 3.64 3.18 0.91 0.45 0.45 0.45 0.0  0.0
0.91 0.45 0.91 0.0  0.45 0.0
SUBJECT NO. =  58      PIRT =  6.82
1 1 1 1 1 0 0 1 1 1 0 1 1 0 1 0 0 1 0 1 0 1 1 1 1 0 1 1 1 0
0 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 1 1 1
1 1 1 1 1 0 1 1 0 1 0 1 0 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1
0.91 0.91 0.45 1.82 0.45 1.82 1.82 1.36 0.91 2.73 0.91 0.91
1.36 0.0  0.0  0.45 0.0  0.91 1.36 0.91 0.0  1.36 1.82 2.27
2.27 1.82 1.82 0.91 1.36 2.27
SUBJECT NO. =  59      PIRT =  8.18
1 1 1 1 1 0 1 1 1 0 0 1 1 1 0 1 1 1 1 0 1 1 1 0 1 0 0 1 0 1
1 1 1 1 0 1 1 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0
1 1 0 1 0 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1
1.82 1.82 3.18 2.27 0.45 2.27 0.0  0.0  0.91 4.09 3.18 0.91
1.36 1.36 1.36 2.73 0.91 1.82 1.82 2.27 1.36 2.73 1.82 5.00
3.64 3.18 1.82 4.09 1.36 2.73
SUBJECT NO. =  60      PIRT =  5.45
1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 0 0 1 1 0 1 0 0 1 0 1 1 1 1 1
1 1 1 1 1 0 1 1 0 1 1 1 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
2.27 0.91 1.36 1.82 2.73 0.91 0.45 0.91 0.91 0.45 0.91 0.45
0.45 1.36 0.45 1.36 2.27 0.91 0.45 1.36 0.91 0.91 0.45 0.91
3.18 1.36 2.27 0.45 0.45 0.91
SUBJECT NO. =  61      PIRT = 12.27
1 0 1 1 1 0 1 1 0 1 0 1 0 0 0 0 0 1 1 0 0 1 0 0 1 0 0 1 0 0
0 0 1 0 0 1 0 0 1 1 1 1 1 0 1 1 0 0 0 1 0 0 0 0 0 1 1 1 0 1 1
0 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1.82 2.27 4.09 2.73 0.45 1.36 1.82 2.27 3.18 2.73 4.54 3.64
2.73 2.27 2.73 3.18 0.91 1.36 1.36 2.73 1.36 1.36 3.18 2.27
3.64 2.27 0.45 3.64 2.73 2.27
SUBJECT NO. =  62      PIRT = 10.91
1 0 0 0 0 1 0 1 0 1 0 1 1 1 0 0 0 1 1 0 1 0 0 1 1 1 1 1 1 1
```

```
0 0 1 0 1 1 1 0 1 0 1 0 1 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 1 1
0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1.36 1.36 1.36 2.27 1.82 1.36 2.27 1.36 3.18 1.36 0.91 1.82
2.73 1.36 2.27 0.0 0.91 2.73 0.91 2.27 1.36 0.91 1.82 2.27
1.36 0.91 0.0 1.36 0.45 2.27
SUBJECT NO. = 63 PIRT = 7.73
1 1 1 0 0 1 0 1 1 1 0 1 0 0 0 1 1 1 0 1 0 1 1 1 1 0 1 1 1 1
1 1 1 1 1 0 1 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
0 1 0 0 1 1 1 1 0 0 0 1 0 1 0 0 1 1 1 0 1 1 1 0 0 0 0 0 0 0
0.0 0.91 0.91 0.91 0.45 0.45 0.0 0.45 0.45 0.91 1.82 1.82
0.45 0.91 0.45 1.82 0.91 0.91 0.91 0.45 0.45 0.91 0.91 0.45
0.91 0.91 0.45 0.45 0.91 0.45
SUBJECT NO. = 64 PIRT = 5.45
1 1 1 0 0 1 1 1 0 1 0 0 0 1 0 0 0 1 0 1 0 1 1 1 1 0 1 0 0 0
0 1 1 1 1 1 1 0 1 0 1 1 0 1 0 0 1 1 0 0 0 0 0 0 1 0 0 1 1 0
0 0 0 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 0 1 1 0 1 1 1 1 1 1 1
0.0 0.45 1.36 0.91 0.0 0.45 1.36 0.91 0.91 0.91 1.36 1.36
0.45 0.91 0.91 0.91 0.0 0.0 0.45 0.91 0.45 0.91 0.91 0.45
0.91 0.45 0.45 0.45 0.45 1.36
SUBJECT NO. = 65 PIRT = 18.63
1 1 1 0 1 0 0 1 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 1 1 0 1 0 1 0
1 1 1 1 1 1 1 1 1 1 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0
0 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 0 1 1 1 1 1 0 1 1 1 1 1 1
3.18 1.82 1.82 2.27 2.27 2.73 4.09 1.36 1.82 0.91 1.36 2.27
1.82 2.27 2.73 0.91 2.73 2.27 2.27 2.27 2.27 2.27 2.73 1.36
1.36 2.73 5.91 1.82 4.09 2.27
SUBJECT NO. = 66 PIRT = 6.36
1 1 1 1 1 0 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 0
1 1 1 1 0 1 0 1 0 0 1 1 0 1 0 0 0 1 0 0 1 0 0 0 1 0 1 1 0 1
1 0 1 0 0 0 1 1 0 1 1 1 0 0 1 1 0 1 1 0 1 1 1 1 0 0 1 1 1 1
0.45 0.91 0.91 0.45 0.45 1.82 1.36 0.0 1.82 1.82 1.36 0.91
0.45 0.91 2.73 1.82 1.82 0.91 0.45 0.91 0.0 0.45 0.45 0.45
1.82 0.45 1.36 0.45 0.45 0.45
SUBJECT NO. = 67 PIRT = 11.36
1 1 0 0 0 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 1 1 0 0 1 0 1 0 0 0 1 0 0 0 1 1 1 0 0 1 0 0 0 0 0 0 0 0
0 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1
2.73 0.45 3.18 1.36 3.18 0.91 1.36 1.36 1.36 2.27 0.91 1.82
1.36 2.27 1.82 1.36 0.91 1.82 2.73 0.91 2.73 1.36 1.82 0.91
2.27 0.91 1.82 1.36 2.27 2.27
SUBJECT NO. = 68 PIRT = 7.60
1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 0 1 1 1
1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 0 0 1 0 0 0 1 0 0 0 1 1 1 1 1
1 1 1 1 1 1 0 1 1 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1
0.80 1.20 1.20 1.60 1.60 0.80 0.80 0.80 1.20 0.80 0.80 0.0
1.60 1.20 1.20 0.40 0.80 0.80 1.60 1.20 1.60 1.20 2.00 1.20
0.80 2.40 1.20 1.20 0.80 2.00
SUBJECT NO. = 69 PIRT = 8.80
```

```
1 1 0 0 1 1 1 1 0 1 0 1 1 0 0 1 1 1 1 1 0 1 0 1 1 0 1 1 1 0
0 0 1 1 1 0 1 0 0 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 1 0 0 0 1 1
0 0 0 0 0 1 1 1 0 1 1 1 1 0 0 1 0 1 0 1 1 1 1 1 1 0 1 1 1 1 1
2.00 1.60 0.40 1.20 2.80 2.00 0.80 1.60 1.20 0.40 2.00 1.20
1.20 2.40 1.20 0.80 2.40 3.20 2.00 0.80 2.40 1.20 2.00 0.40
0.80 1.60 1.60 1.20 2.40 1.20
SUBJECT NO. =  70      PIRT = 12.00
1 1 1 1 1 0 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 0 1 0 1 0
1 1 1 1 1 1 1 1 0 1 0 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 1 1 1
1 0 0 0 0 0 1 1 0 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.80 1.20 2.40 1.20 2.00 4.00 2.00 1.20 2.40 2.40 1.20 1.60
0.40 2.80 2.00 0.80 2.00 2.00 2.80 1.20 1.60 2.00 2.00 2.40
1.20 2.40 4.80 2.40 2.40 2.00
SUBJECT NO. =  71      PIRT =  8.00
1 1 1 0 0 1 1 0 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 0 0 1 0 1 0 0 1 0 0 1 0 1 1 0 1 1 0 0 0 1 1 0 0 0 1 1 1
0 1 1 1 1 0 1 0 1 1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 0 1
1.60 1.20 1.20 0.80 2.80 2.00 1.60 0.80 0.40 1.60 2.80 2.00
1.60 2.00 2.80 2.80 0.80 2.00 2.00 1.60 2.00 2.40 1.60 0.80
2.40 2.00 0.40 2.00 1.60 1.60
SUBJECT NO. =  72      PIRT =  2.00
1 1 1 0 0 1 1 1 1 1 0 1 1 0 1 0 0 1 1 1 1 0 1 0 1 0 1 1 1 0
0 1 1 1 1 1 0 0 1 1 0 0 1 0 0 0 1 1 0 1 1 0 0 0 0 0 0 1 1 0
0 1 1 0 1 1 1 0 1 1 0 0 0 1 1 1 1 0 1 1 0 1 1 0 1 1 1 1 0 1
0.0  0.0  0.40 0.0  0.0  0.40 0.0  0.0  0.40 0.0  0.0  0.40
0.0  0.0  0.0  0.0  0.40 0.0  0.0  0.40 0.0  0.0  0.80 0.40
0.0  0.40 0.40 0.0  0.40 0.0
SUBJECT NO. =  73      PIRT =  3.60
1 1 1 1 1 0 1 1 1 1 1 1 0 0 1 1 0 1 0 1 1 1 1 0 1 0 0 0 1 1
0 1 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0
0 1 0 0 0 0 1 1 1 0 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1
0.80 2.00 0.80 1.60 0.80 0.80 1.60 2.80 2.40 0.80 1.60 1.60
2.00 0.80 2.40 1.60 0.80 0.40 1.60 2.00 0.40 0.40 0.40 0.0
2.00 0.80 0.40 0.80 0.80 0.80
SUBJECT NO. =  74      PIRT =  2.80
1 1 1 1 1 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 0 1 1 1 1 0 0 1 0 1
0 1 1 1 1 1 1 0 0 0 0 1 1 0 0 1 0 0 0 0 1 1 1 0 0 0 0 1 1 0
1 1 1 0 1 1 1 1 0 1 0 1 0 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1
0.80 0.40 0.40 0.80 1.20 0.40 0.80 1.20 2.00 1.20 0.0  0.0
0.40 1.20 0.40 0.0  0.80 1.60 1.20 0.40 1.20 0.40 0.0  0.0
0.0  1.20 0.40 0.0  0.0  0.0
SUBJECT NO. =  75      PIRT = 14.00
1 1 1 0 1 0 1 0 1 1 0 0 0 0 1 1 0 1 0 1 1 1 1 0 1 0 1 1 1 0
0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0
1 1 0 0 1 0 0 1 0 1 0 1 1 0 0 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0
2.00 2.00 1.60 1.60 0.0  2.40 0.0  0.80 0.80 3.60 3.60 2.80
2.00 2.00 1.60 2.00 1.20 1.20 2.40 2.40 2.00 2.80 1.20 3.60
2.00 1.60 1.20 1.60 2.80 1.60
```

SUBJECT NO. = 76 PIRT = 2.00

1 1 1 1 1 0 0 0 1 0 1 1 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1 0 0 0
1 1 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0
0 1 0 0 0 1 0 0 1 1 0 0 0 1 0 0 1 0 1 1 0 1 1 0 1 1 1 0 0 0
0.30 0.0 0.0 0.80 0.0 0.40 0.0 2.00 0.40 1.20 1.60 0.0
0.80 0.0 1.20 0.40 0.40 0.80 0.40 0.0 0.80 0.0 0.0 0.0
1.60 1.20 0.0 0.40 0.40 0.80

SUBJECT NO. = 77 PIRT = 4.00

0 1 1 1 1 0 0 1 1 1 1 0 0 0 0 0 1 1 0 1 0 1 1 0 1 0 0 0 1 1
1 1 0 1 1 1 0 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0
0 1 0 0 0 0 0 0 1 1 1 1 0 1 1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0
1.60 1.20 0.0 0.80 1.60 0.0 0.80 0.40 1.60 0.40 0.0 0.40
0.0 0.0 0.80 0.40 0.0 0.0 0.40 1.20 1.60 1.20 0.80 0.40
0.40 0.40 0.0 0.0 0.40 1.20

SUBJECT NO. = 78 PIRT = 3.20

1 1 1 1 1 0 1 0 1 1 0 0 1 0 0 1 1 1 1 1 1 1 1 0 1 0 1 0 1 1
0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 1 0
0 1 0 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 0 1
0.0 0.0 0.0 0.40 0.40 0.40 0.40 1.20 0.80 0.0 0.0 0.80
0.80 0.80 0.80 0.80 0.0 0.80 0.0 0.0 0.0 0.40 0.40 0.80
0.80 0.0 0.80 0.40 0.0 0.80

SUBJECT NO. = 79 PIRT = 12.40

1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 0 0 0 1 1
0 1 1 1 1 0 1 1 1 0 1 1 1 1 0 1 0 1 1 0 0 0 0 1 0 0 0 0 0 0
1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1
2.00 2.80 3.20 2.40 1.20 0.80 0.40 0.80 2.00 2.80 0.80 2.00
0.80 3.20 2.80 1.20 2.40 2.40 2.40 1.60 2.00 2.40 1.20 4.40
1.20 2.00 5.20 3.20 1.60 1.60

SUBJECT NO. = 80 PIRT = 4.40

1 1 1 0 0 1 1 1 1 1 0 1 1 0 0 1 1 1 1 0 1 1 1 1 1 0 1 0 1 0
1 1 1 1 0 0 1 0 0 1 0 1 0 1 1 0 1 0 0 0 1 1 1 1 0 0 0 0 1 1
1 1 0 0 1 0 0 0 0 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 0 1 1 1 1 1
0.80 0.40 0.0 1.20 0.80 0.0 1.60 0.80 0.40 0.0 0.0 0.40
1.20 1.20 0.0 0.40 0.80 0.80 0.40 0.0 0.80 0.0 0.80 0.0
0.0 0.0 0.0 0.80 0.80 0.40

SUBJECT NO. = 81 PIRT = 6.80

0 1 1 0 0 0 0 1 1 1 0 1 1 0 1 1 0 1 1 1 1 0 1 1 1 0 1 1 1 1
0 0 1 1 0 0 1 0 0 1 0 0 0 0 1 0 1 0 0 0 1 0 1 0 0 0 0 1 1 1
0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 1 0 1 1 1 1 1 0 1 1 1 1 1 1
0.80 1.20 0.40 1.60 1.60 2.40 2.00 0.80 1.20 0.40 0.0 1.60
0.40 0.40 0.80 0.40 2.00 1.60 0.80 0.80 1.60 0.80 1.20 0.80
0.40 1.60 0.40 0.80 1.20 0.80

SUBJECT NO. = 82 PIRT = 17.60

1 1 0 0 1 0 1 1 1 0 0 1 1 1 0 1 0 1 0 0 1 1 1 1 1 0 1 0 1 1
1 0 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 0 1 0 0 1 0 0 0 1 0 0 0 0 1
1 1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
2.00 2.00 2.00 0.80 1.20 1.60 1.60 1.60 1.60 1.60 2.40 2.40
2.80 3.20 1.60 3.20 2.80 2.40 2.00 3.60 1.60 2.40 2.00 4.40

2.00 1.60 3.20 2.40 2.80 2.40
SUBJECT NO. = 83 PIRT = 6.80
1 1 1 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 1 1 0 1 1 0 0 1 1 1 0 0 1 0 0 1 1 1 0 0 0 0 1 1 1
0 1 0 1 1 0 1 1 1 1 1 1 1 0 1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1
0.40 1.20 1.20 0.80 0.80 1.60 1.60 0.80 1.60 1.20 1.60 0.40
0.40 0.80 0.40 2.40 1.20 0.40 1.20 1.20 0.80 0.80 0.40 1.20
1.20 1.60 0.80 0.80 0.0 0.40
SUBJECT NO. = 84 PIRT = 5.20
1 1 0 1 0 0 1 0 1 0 0 0 0 0 0 1 0 1 0 1 1 0 0 0 1 1 1 0 0 0
0 0 0 0 1 0 1 0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
0 1 0 0 1 0 1 0 1 1 0 1 0 0 1 0 1 1 1 0 0 1 1 0 1 1 1 1 1 1
1.60 0.40 2.80 1.20 0.80 0.80 1.20 1.60 0.80 1.20 2.00 1.20
1.20 1.20 1.20 2.40 0.80 0.0 0.40 2.40 0.80 1.20 1.20 2.00
1.60 1.20 0.80 0.80 0.40 0.40
SUBJECT NO. = 85 PIRT = 3.20
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 0 1 1
1 1 1 1 0 1 1 1 1 0 0 0 0 0 0 1 0 1 0 0 0 1 0 1 0 0 0 0 0 0
0 0 0 1 1 0 1 1 0 1 1 1 1 1 0 1 1 0 1 1 1 0 1 1 0 0 1 1 1 1
0.80 0.80 0.0 0.0 0.0 0.0 0.0 0.0 0.40 0.40 0.0 0.40
0.40 0.0 0.0 0.40 0.0 0.0 0.40 0.40 0.40 0.80 1.20 0.40
1.20 0.40 0.40 0.40 0.40 0.40
SUBJECT NO. = 86 PIRT = 3.60
1 1 0 0 0 1 1 1 1 1 0 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1 1 1 1 0 0 1 0 1 1 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1
1 1 1 1 1 0 0 1 0 0 0 1 1 0 0 0 0 1 0 0 0 0 1 1 0 1 0 0 0 0
1.20 0.0 0.80 1.60 1.60 0.40 1.20 0.80 0.40 0.40 0.0 0.80
0.40 0.80 0.40 0.40 0.80 1.20 0.0 0.0 0.80 0.0 0.80 0.40
0.0 0.0 0.40 0.40 1.20 0.0
SUBJECT NO. = 87 PIRT = 4.00
0 1 1 0 1 1 1 1 1 1 0 1 0 1 1 0 1 1 1 0 1 1 1 1 1 1 1 0 1 0 1 0
0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 1 0 0 1 1 0 1 0 0 0 1 0 0 1 1 0 0
1 1 1 0 1 1 1 1 1 0 1 1 1 1 0 1 0 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1
0.0 2.40 0.80 0.80 0.80 0.40 0.80 0.80 2.40 0.40 1.20 0.80
1.20 0.40 1.20 1.60 0.40 0.0 0.80 1.20 1.20 1.20 0.80 0.80
1.20 0.80 0.0 1.60 1.20 0.80
SUBJECT NO. = 88 PIRT = 6.00
1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 0 1 0 1 0 1 1 0 0 0 1 1 1 0
1 0 1 1 1 0 0 1 0 1 0 1 1 1 0 1 0 0 1 0 1 0 0 0 1 0 0 1 0 0 1 0
1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 0 0 0 1 1 1 1 1 1 1 0
1.20 0.80 3.60 0.40 0.0 0.0 0.80 0.0 0.40 2.40 1.60 1.20
0.40 0.80 0.0 2.40 0.80 0.0 0.0 0.80 0.40 1.20 0.80 2.40
3.20 1.20 0.0 0.80 1.20 0.40
SUBJECT NO. = 89 PIRT = 3.20
0 1 1 0 1 0 1 1 1 1 0 1 0 0 1 0 1 1 1 0 0 1 1 1 1 0 1 1 0 1
1 1 0 0 1 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0
0 1 1 0 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 0 1 0 1 1 1 1 1 0
0.40 0.80 0.0 0.80 0.80 0.40 0.80 0.40 0.40 0.40 0.80 0.80

0.40 0.40 0.40 0.0 0.40 0.80 0.80 0.80 0.40 0.40 0.40 0.40
0.40 0.40 0.0 0.0 0.80 0.0
SUBJECT NO. = 90 PIRT = 9.20
1 1 1 0 0 0 1 1 1 1 0 1 1 0 0 1 0 1 1 1 0 1 1 1 1 0 1 1 0 1
1 1 0 1 1 0 1 1 1 0 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0
0 1 0 0 1 0 0 0 1 1 0 0 0 1 1 1 1 0 1 0 1 1 0 1 1 1 1 1 1 0
1.60 0.80 1.20 0.40 1.60 1.60 1.20 1.20 0.40 1.60 0.40 1.20
1.60 2.00 1.20 0.0 0.80 0.40 1.60 1.20 0.40 0.40 0.80 1.20
0.80 0.40 2.00 0.80 1.20 0.0
SUBJECT NO. = 91 PIRT = 7.60
1 1 1 1 0 1 1 1 0 0 0 1 1 0 1 0 1 1 0 1 1 0 1 1 1 1 0 0 1 1
0 1 1 1 1 0 0 0 1 1 1 1 0 0 1 0 0 1 1 1 1 0 1 0 0 0 1 0 0 1
1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1
2.00 2.40 2.00 2.40 1.60 1.60 3.60 1.60 1.60 1.20 2.00 1.60
0.80 0.40 1.20 0.80 2.40 4.00 1.60 0.80 3.20 1.60 2.00 0.0
2.40 1.20 0.0 1.20 1.60 1.20
SUBJECT NO. = 92 PIRT = 5.60
1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 1 0 0 0 0 0 0
0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 1 0 1 1
1 1 0 1 1 1 1 1 1 1 0 1 1 0 1 1 0 0 1 1 1 1 1 1 1 0 1 1 1 1 1
1.20 0.80 0.80 1.60 1.20 1.20 1.20 2.40 1.60 0.0 0.0 1.60
1.60 0.80 0.80 1.20 1.60 0.80 0.0 1.60 0.40 1.20 1.20 0.40
0.80 1.20 0.40 0.80 0.80 1.60
SUBJECT NO. = 94 PIRT = 4.39
1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 0 1 1 0 1 1 1 1 1 1 1 0 1 1
0 1 1 1 1 1 1 1 1 1 1 0 0 1 0 0 1 1 1 1 1 1 0 1 1 0 1 0 1 0 0 0 0
0 1 0 1 0 0 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1.22 0.98 0.98 0.98 0.24 0.73 0.49 1.22 0.49 0.49 0.49 0.73
0.98 0.73 0.0 0.98 1.22 0.49 0.24 0.73 0.73 0.73 1.71 0.49
0.73 0.73 0.0 0.49 0.73 0.73
SUBJECT NO. = 95 PIRT = 3.41
1 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 0 1 1 1 1 1 1 1 0 0 1 1 1 1 0
0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 1 1 0
1 1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 0 1
0.49 0.49 0.0 0.24 0.0 0.49 0.0 0.0 0.0 0.0 0.24 0.49
0.24 0.24 0.0 0.98 0.0 0.49 0.0 0.98 0.24 0.0 0.24 0.0
0.24 0.49 0.0 0.49 0.49 0.24
SUBJECT NO. = 96 PIRT = 0.0
1 1 1 0 1 1 1 1 1 1 0 0 1 1 0 0 1 0 1 0 0 1 1 1 0 1 0 0 1 1 1
0 1 1 1 0 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 1 0
1 1 1 0 0 1 1 1 0 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.24 0.49 0.24 0.0 0.24
0.24 0.0 0.49 0.0 0.24 0.24 0.0 0.0 0.24 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.24 0.0
SUBJECT NO. = 97 PIRT = 21.71
1 1 1 1 0 1 1 1 1 1 0 1 1 1 0 1 0 1 0 1 1 1 1 1 1 1 1 0 0 1 0
0 1 1 0 0 0 1 0 0 1 0 0 1 1 0 1 0 1 0 1 0 1 0 0 0 0 0 1 0 1
1 1 0 1 1 0 1 0 1 0 1 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1

4.15 1.46 0.98 1.71 0.73 1.46 2.20 2.44 1.46 1.71 0.49 0.98
1.46 3.41 1.71 2.93 0.98 0.98 0.24 4.15 0.98 2.20 3.90 2.44
2.44 1.46 2.93 1.95 2.93 2.68

SUBJECT NO. = 98 PIRT = 3.66

1 1 0 1 0 0 1 1 1 0 1 1 0 0 0 1 0 1 0 0 0 1 1 0 1 0 1 0 1 0
0 1 1 0 0 0 0 0 1 0 1 0 1 1 1 1 0 1 0 1 0 0 0 0 0 1 0 0 0 0
0 1 0 0 1 0 0 0 0 1 1 0 0 0 1 1 1 1 1 1 0 1 0 1 1 0 1 1 1 1
0.73 0.98 0.73 0.98 0.24 0.24 0.0 0.49 0.49 0.24 2.93 0.49
0.73 0.24 0.24 0.98 0.49 0.24 0.24 0.73 0.49 0.73 0.24 0.24
0.24 0.73 0.0 0.0 0.98 0.24

SUBJECT NO. = 99 PIRT = 6.83

1 1 0 0 1 0 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 0 1 1 1 1 1 1 0 0 0 0 0 1 0 1 0 0 0 0 1 0 0 0 0 1 0 1 0
0 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1
1.71 2.20 2.93 1.22 0.73 2.68 1.95 1.71 0.98 1.46 2.20 1.46
1.22 1.95 2.20 1.71 1.22 2.68 0.49 1.95 1.71 2.93 1.71 3.17
2.44 1.95 1.46 2.20 0.98 0.73

SUBJECT NO. = 100 PIRT = 14.39

1 1 1 1 1 1 1 1 1 0 1 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1 1 1 1 0 0 1 1 1 1 1 0 0 0 1 0 0 0 1 0 0 1 0 1 1 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1
1.95 2.20 1.46 1.46 2.93 0.98 2.20 0.24 0.0 1.22 3.17 0.98
0.73 2.44 1.71 0.24 0.98 0.98 0.49 0.98 0.98 1.71 0.98 0.98
2.44 1.71 4.88 1.22 1.22 1.22

SUBJECT NO. = 101 PIRT = 2.93

1 1 0 1 1 0 1 1 1 1 0 0 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 0 1 0
0 0 1 0 0 1 1 1 0 1 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1
1 0 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 1
0.24 1.22 0.0 0.49 1.71 0.73 1.46 1.22 2.93 0.24 0.0 0.73
0.49 0.73 1.22 1.22 0.73 1.46 0.24 0.73 0.98 0.49 1.46 0.0
0.0 0.49 0.0 0.0 0.24 0.24

SUBJECT NO. = 102 PIRT = 4.39

1 1 0 0 1 1 1 0 1 0 0 0 1 1 1 1 1 1 1 1 0 1 1 0 1 0 0 0 1 0
0 0 1 0 0 0 0 0 1 0 1 0 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0
0 1 1 0 0 1 1 0 1 1 1 0 0 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1
0.73 1.22 0.73 0.49 0.0 0.0 0.0 0.24 0.49 0.98 1.71 1.22
0.98 0.49 0.0 1.22 0.49 0.24 0.0 0.49 1.22 0.98 0.0 0.49
0.0 0.24 0.0 0.24 0.73 0.24

SUBJECT NO. = 103 PIRT = 0.98

1 1 0 1 1 0 1 1 1 0 0 1 1 1 0 0 0 1 1 0 1 1 1 1 1 1 1 0 1 1
0 1 1 1 1 1 1 0 0 0 0 1 0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 1 1 1
1 1 0 0 0 0 0 0 1 1 1 1 1 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 1 1 1
0.24 0.49 0.0 0.49 0.24 0.24 0.24 0.24 0.24 0.49 0.0 0.24
0.0 0.49 0.0 0.24 0.0 0.49 0.0 0.24 0.0 0.0 0.0 0.0
0.98 0.24 0.0 0.49 0.0 0.24

SUBJECT NO. = 104 PIRT = 8.29

0 1 0 1 0 0 1 1 1 0 1 1 1 1 0 0 0 1 0 1 0 1 0 1 1 0 1 0 1 0
1 1 1 1 1 1 1 0 0 1 0 1 0 1 1 0 1 0 1 1 0 1 0 1 0 1 0 1 0 1 1

```
 1 1 1 0 0 0 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1
 1.22 0.24 5.61 0.49 1.22 1.71 0.98 1.22 1.22 5.37 2.63 2.44
 1.95 2.93 1.22 1.95 1.71 1.22 0.24 1.46 2.44 2.44 0.73 3.17
 2.20 3.17 2.20 2.20 1.46 1.71
SUBJECT NO. = 105        PIRT =  3.66
 1 1 0 1 1 1 1 1 1 0 1 1 1 0 1 1 0 1 0 1 1 1 1 1 1 0 0 0 1 0
 0 1 1 1 1 0 1 1 1 0 1 1 0 1 1 0 1 1 1 1 1 0 1 1 1 1 0 1 1 1
 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1
 0.24 0.49 3.66 0.73 2.20 1.22 3.17 0.98 0.24 1.71 3.90 0.98
 0.49 0.49 1.46 0.49 0.98 0.73 0.0  0.24 0.49 0.73 0.49 0.0
 0.49 0.24 0.24 0.98 0.24 0.73
SUBJECT NO. = 106        PIRT =  2.93
 1 1 1 0 0 1 1 1 1 1 1 1 0 0 0 1 0 1 0 1 0 1 0 1 1 0 0 0 1 1
 1 1 1 1 0 0 0 0 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0 1 0 0 1 1 1
 1 1 0 0 1 1 1 0 0 0 1 0 0 1 1 0 1 0 1 1 1 0 1 0 1 1 1 1 1 1
 0.49 0.73 0.49 0.0  0.49 0.49 0.0  0.24 0.24 0.0  0.0  0.24
 0.0  0.73 0.24 0.24 0.0  0.0  0.49 0.24 0.0  0.73 0.24 0.49
 0.24 0.49 0.24 0.0  0.49 0.24
SUBJECT NO. = 107        PIRT =  7.32
 1 1 1 1 1 1 1 1 1 0 0 1 1 0 0 1 0 1 1 1 0 0 1 1 1 0 1 1 1 0
 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 0 0 1 0 0 0 0 0 0 1 1 0 0 1 1 1
 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1
 0.49 1.22 0.98 0.49 1.46 1.95 1.22 0.98 0.49 1.22 2.20 0.73
 1.71 1.46 0.98 0.98 0.49 0.49 0.98 0.73 0.49 0.98 0.24 1.46
 1.46 0.49 1.22 0.73 0.49 0.98
SUBJECT NO. = 108        PIRT =  0.0
 1 1 0 0 1 1 1 1 1 0 1 1 0 1 0 1 0 1 1 1 1 1 0 1 1 0 1 0 0 0
 0 1 1 0 1 0 1 1 0 1 0 0 0 0 0 0 1 1 0 0 0 0 0 1 0 1 1 1 1 1
 0 0 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 1 1 1 1 1 1
 0.0  0.0  0.0  0.0  0.0  0.0  0.49 0.24 0.24 0.24 0.0  0.0
 0.0  0.0  0.0  0.0  0.0  0.0  0.0  0.0  0.24 0.0  0.0  0.0
 0.0  0.0  0.0  0.0  0.0  0.0
SUBJECT NO. = 109        PIRT =  2.93
 1 1 1 1 0 1 1 1 1 0 1 1 0 1 1 0 0 1 1 1 1 0 1 0 1 0 0 1 1 1
 1 1 1 1 1 0 1 1 0 0 0 1 0 0 1 0 1 0 0 1 0 0 0 1 1 0 0 0 1 0
 0 1 1 1 0 0 0 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
 0.49 1.46 0.98 1.22 0.0  0.24 0.49 0.98 0.49 1.95 0.24 1.22
 1.46 0.49 0.24 0.98 0.49 0.49 0.49 0.73 0.73 0.98 0.24 0.24
 0.49 0.98 0.24 0.49 0.73 0.49
SUBJECT NO. = 110        PIRT =  1.95
 1 1 0 1 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 0 1 1 1 1 1 0 1 1 1 0
 1 1 0 1 0 0 1 1 0 1 0 1 0 0 0 0 0 0 0 1 1 0 1 1 0 0 0 0 0 1 0
 1 0 0 0 0 1 1 0 1 1 1 0 0 0 1 0 1 0 1 1 0 1 1 0 1 1 1 1 0 1
 0.0  0.24 0.49 0.73 0.98 0.49 1.46 0.98 0.0  0.0  0.24 0.24
 0.49 0.49 0.49 0.0  0.73 1.22 0.0  0.24 0.24 0.24 0.0  0.24
 0.0  0.0  0.0  0.0  0.0  0.24
SUBJECT NO. = 111        PIRT =  1.71
 1 1 0 1 1 1 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1 0 1 0 1 1 1 0
```

```
1 1 1 1 0 1 0 1 0 1 1 1 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 0 1 1
0 1 1 0 1 1 1 0 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
0.0  0.24 0.24 0.24 0.0  0.0  0.0  0.0  0.24 0.73 0.0  0.24
0.0  0.24 0.0  0.0  0.0  0.0  0.0  0.49 0.24 0.0  0.24 0.0
0.0  0.24 0.0  0.0  0.24 0.24
SUBJECT NO. = 112        PIRT =  1.71
0 1 0 0 0 0 0 1 1 0 0 0 0 1 0 0 0 1 0 1 1 0 0 0 0 0 0 0 1 0
0 0 1 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
0 0 1 0 1 0 1 0 1 0 1 1 1 1 1 1 0 1 1 1 0 1 1 0 0 1 0 1 1 1 1
0.0  0.49 0.24 0.49 0.49 0.0  0.0  0.73 0.73 0.49 0.24 0.49
0.0  0.0  0.49 0.0  0.24 0.0  0.0  0.24 1.22 0.24 1.22 0.24
0.0  0.73 0.0  0.0  0.73 0.24
SUBJECT NO. = 113        PIRT =  0.73
1 1 1 0 1 0 1 1 1 0 1 1 0 0 1 1 0 0 1 0 1 0 1 0 1 0 1 1 1 0
1 1 1 1 1 0 1 1 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 1 1 0
0 0 0 1 1 1 1 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 0 1
0.0  0.0  0.49 0.49 0.0  0.0  0.0  0.73 0.73 0.24 0.0  0.0
0.24 0.0  0.24 0.0  0.49 0.24 0.24 0.0  0.73 0.0  0.24 0.24
0.0  0.0  0.0  0.24 0.0  0.24
SUBJECT NO. = 114        PIRT =  6.59
0 1 1 1 1 1 1 1 1 1 0 1 1 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0
1 0 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 1 1 1
1 1 1 1 1 0 0 0 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
0.49 0.98 0.49 0.24 0.73 0.98 0.98 0.24 0.24 1.22 0.73 1.46
1.95 0.49 0.73 0.49 0.73 0.73 0.24 0.49 0.73 0.24 0.24 0.73
0.73 0.49 1.71 1.22 0.73 0.49
SUBJECT NO. = 115        PIRT =  0.24
1 1 1 0 0 1 0 1 1 1 1 0 0 0 0 1 0 1 0 1 1 0 0 1 1 0 1 0 0 1
0 0 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 1 1 1 0 0 1 0 0 0 0 0 0 0 0
0 0 0 0 0 1 1 0 1 1 0 1 0 1 0 0 1 0 1 0 0 0 1 1 1 0 0 1 1 0
0.24 0.24 0.24 0.49 0.49 0.49 2.44 0.98 1.46 0.0  0.0  0.0
0.0  0.0  0.73 0.24 0.49 1.22 0.0  0.0  0.49 0.73 0.24 0.0
0.0  0.0  0.0  0.0  0.24 0.24
SUBJECT NO. = 116        PIRT =  6.10
1 1 1 0 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1
0 1 1 0 1 1 1 0 1 0 0 1 0 0 0 0 0 0 0 0 1 1 0 0 0 0 1 0 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1
2.20 1.22 1.71 1.46 3.90 2.44 1.71 1.71 2.44 0.49 0.24 0.49
0.49 2.44 4.15 0.49 2.93 3.66 0.24 0.73 0.98 1.71 0.98 0.0
0.24 1.95 3.41 2.93 1.95 1.46
SUBJECT NO. = 117        PIRT =  0.49
1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 0 1 0
1 1 1 1 1 1 1 0 1 0 1 1 0 1 1 1 1 1 0 1 0 0 0 1 0 1 1 1 1 0 0 0 1
1 1 1 1 0 0 0 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.24 0.49 0.0  0.49 0.0  0.0  0.24 0.24 0.24 0.0  0.0  0.0
0.24 0.73 1.46 0.24 0.49 0.24 0.0  0.24 0.0  0.24 0.24 0.24
0.49 0.73 0.0  0.73 0.24 0.24
SUBJECT NO. = 118        PIRT =  0.24
```

```
1 1 1 1 1 0 1 1 1 1 1 1 0 0 0 0 0 1 1 1 0 1 1 1 1 1 0 0 0 0
0 1 0 0 1 1 1 1 1 1 0 1 0 1 1 1 0 1 0 0 1 1 1 0 1 1 0 1 1 0
1 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1
0.0  0.0  0.0  0.24 0.24 0.49 0.0  0.73 0.49 0.0  0.0  0.49
0.24 0.24 0.98 0.0  0.73 1.22 0.0  0.24 0.24 0.24 0.24 0.24
0.0  0.24 0.0  0.24 0.49 0.0
SUBJECT NO. = 119        PIRT =  5.37
1 1 1 0 1 0 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 0 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0
1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1
1.22 0.73 0.24 0.73 0.49 1.71 0.73 1.71 1.22 0.24 0.73 1.71
0.98 0.49 0.98 0.49 0.73 0.73 0.24 1.46 0.98 0.0  2.20 1.46
0.98 0.98 3.41 0.49 0.49 0.24
SUBJECT NO. = 120        PIRT =  1.71
1 1 1 0 0 0 1 1 0 0 1 0 0 1 0 1 0 0 0 0 1 1 0 1 1 0 0 0 0 1
0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 1 1 0 1 0 1 0 0 1 0 0 0 0 0 0 0
0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 0 1 1 0 1 1 1 1 0 1 1 1 1
0.0  0.49 0.49 0.73 0.24 0.0  0.49 0.24 0.73 0.24 0.73 0.73
0.24 0.24 0.24 0.24 0.49 0.0  0.24 0.49 0.73 0.49 0.24 0.49
0.49 0.24 0.0  0.24 0.0  0.24
SUBJECT NO. = 121        PIRT =  0.98
1 1 1 1 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 0 0 1 0 0 1 0 1 1 1 1
1 1 1 1 0 1 1 1 1 1 0 1 1 0 1 1 0 1 1 0 0 0 1 0 0 0 1 0 0 1 0
0 0 0 1 0 1 1 0 1 1 0 1 0 0 1 1 1 0 1 0 1 1 1 1 0 0 0 0 0 0
0.24 0.73 0.0  0.49 0.0  0.0  0.24 0.0  0.24 0.0  0.0  0.0
0.24 0.0  0.24 0.49 1.46 0.0  0.24 0.0  0.24 0.24 0.0  0.24
0.0  0.0  0.0  0.24 0.24 0.0
SUBJECT NO. = 122        PIRT =  6.34
1 1 1 1 0 1 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1
0 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 0 1 0 0 1 1 0 1 0 1 0 0 1 1
1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
1.71 0.49 3.17 1.46 0.0  0.73 0.24 0.98 0.49 2.68 1.46 0.73
1.71 0.98 0.98 1.46 0.73 0.49 0.0  0.98 0.98 0.98 0.24 1.22
1.22 0.98 0.0  0.73 0.98 0.98
SUBJECT NO. = 123        PIRT =  0.73
1 1 1 1 0 0 0 0 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 0 0 0 0 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0
1 0 1 1 0 1 1 0 1 1 1 1 1 0 0 1 1 1 0 1 0 1 1 1 0 1 1 1 1 1
0.0  0.0  0.24 0.0  0.0  0.24 0.24 0.24 0.0  0.0  0.0  0.0
0.0  0.0  0.24 0.0  0.24 0.0  0.0  0.24 0.0  0.0  0.24 0.0
0.24 0.49 0.0  0.0  0.0  0.24
SUBJECT NO. = 124        PIRT =  8.78
1 0 0 0 1 1 1 1 1 1 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 0 0 1 1 0
1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 1 0 0 0 1 0 1 1 0
0 1 0 0 0 0 0 0 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1
1.95 1.46 0.24 2.20 0.0  0.49 0.0  0.49 0.0  1.22 0.49 1.71
1.46 0.24 0.0  1.46 1.22 0.49 0.49 0.49 0.49 0.73 0.98 3.41
0.49 0.49 0.0  1.22 3.41 1.46
```

SUBJECT NO. = 125 PIRT = 0.73

1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1
1 1 1 1 0 0 1 0 1 1 1 1 0 0 0 1 1 1 0 0 0 0 1 0 0 0 0 1 1 0
0 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.24 0.0 0.24 0.0 0.0
0.0 0.0 0.0 0.49 0.0 0.0 0.0 0.0 0.24 0.0 0.24 0.0
0.0 0.0 0.0 0.0 0.0 0.0

SUBJECT NO. = 126 PIRT = 0.24

0 0 0 0 1 1 1 1 1 1 0 0 1 0 1 1 0 0 1 1 0 1 1 1 1 1 1 0 1 1
1 1 1 0 0 0 1 1 1 0 1 0 1 0 0 0 0 1 0 0 1 0 1 0 1 0 0 1 1 1
0 0 0 0 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1
0.0 0.24 0.0 0.49 0.0 0.49 0.49 0.73 0.98 0.49 0.0 0.24
0.24 0.24 0.0 0.0 0.0 0.24 0.0 0.49 0.49 0.0 0.98 0.0
0.0 0.24 0.0 0.0 0.0 0.24

SUBJECT NO. = 127 PIRT = 0.24

1 1 0 0 1 1 1 1 1 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 0 0
1 1 1 0 0 0 0 1 1 0 0 1 0 0 1 0 1 1 1 0 1 1 1 0 0 0 0 0 1 0
1 1 0 0 1 0 0 0 0 1 1 1 1 0 1 1 1 0 0 1 1 1 1 1 0 0 0 0 0 0 0
0.0 0.0 0.0 0.73 0.73 0.24 1.46 0.98 2.44 0.0 0.0 0.0
0.49 0.24 0.49 0.49 0.73 1.46 0.0 0.24 0.73 0.0 0.98 0.0
0.0 0.49 0.0 0.49 0.24 0.24

SUBJECT NO. = 128 PIRT = 2.93

1 1 0 0 0 0 1 1 0 1 0 0 0 0 0 1 1 1 1 0 0 0 1 0 1 0 1 0 0 0
1 0 1 1 1 0 0 0 0 0 0 1 1 0 1 1 0 0 0 1 0 0 0 0 0 0 1 1 1 1
1 1 0 1 0 1 1 0 1 1 0 1 0 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 0 1 1 0
0.24 0.49 0.0 0.98 0.24 0.24 0.0 0.49 1.22 0.24 0.24 0.24
1.22 0.0 0.49 1.71 1.46 0.49 0.0 1.22 0.98 0.73 0.98 0.24
0.24 0.0 0.24 0.0 0.73 0.49

SUBJECT NO. = 129 PIRT = 8.29

0 1 0 1 1 1 1 1 1 1 0 1 0 0 0 0 0 1 0 1 1 0 1 0 1 0 0 1 1 1
1 1 0 1 1 1 1 1 0 1 1 0 0 1 1 0 1 0 0 0 0 1 1 0 0 0 0 0 1 1 1
1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1
1.95 0.24 0.73 0.73 1.95 1.71 0.49 0.49 0.98 1.22 0.73 1.46
0.49 2.20 2.20 1.46 1.71 1.71 0.24 1.22 0.98 1.95 0.73 2.68
2.20 1.46 1.22 2.68 2.20 0.73

SUBJECT NO. = 130 PIRT = 4.88

1 1 1 0 1 1 1 0 1 0 1 1 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1
0 1 1 1 0 1 0 0 0 0 1 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 1 1 1 1
0 1 0 1 0 1 1 0 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 0 0 1 1 1 1
0.49 0.73 0.0 0.73 0.49 1.95 0.24 0.49 1.22 0.0 0.24 1.46
1.22 1.46 0.73 0.24 0.24 0.98 0.24 0.73 1.22 0.49 1.71 0.49
0.98 1.46 1.95 0.98 0.24 0.24

SUBJECT NO. = 131 PIRT = 3.17

1 1 0 1 1 1 1 1 1 1 0 1 0 0 0 0 0 1 0 1 1 1 1 1 1 0 1 0 1 1
1 1 1 0 0 1 1 0 1 1 0 1 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 1 1 1
0 0 0 0 0 0 1 0 0 1 1 1 0 1 1 1 1 1 0 1 0 1 1 1 0 1 1 1 1 1
0.73 0.98 0.24 0.98 1.95 0.24 0.0 0.0 0.0 0.24 0.0 0.0
0.24 0.0 0.0 0.49 0.24 0.0 0.24 0.49 0.98 0.24 0.0 0.49

2.20 0.49 C.98 0.49 0.49 0.49
SUBJECT NO. = 132 PIRT = 4.39
1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 0 0 1 1 1 1 1 1 1 1 0 1 1 1 1
1 1 1 0 1 C 0 0 0 1 1 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 0 1
0 1 1 1 1 0 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0
0.49 0.73 0.49 0.24 1.95 0.73 1.46 0.24 0.24 0.49 1.95 0.24
0.24 0.73 0.0 0.49 0.0 0.49 0.0 0.24 0.0 0.0 0.49 0.24
0.49 0.49 0.0 0.98 0.24 0.73
SUBJECT NO. = 133 PIRT = 1.95
1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 0 0 1 0 1 1 1 1 1 1 0 1 0 1 1
0 1 1 1 0 1 1 1 1 0 1 1 0 0 0 0 1 1 1 1 0 0 1 1 1 0 1 1 1 1
1 1 1 1 0 1 1 0 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.24 0.24 C.24 0.24 1.22 0.49 0.24 0.98 0.49 0.49 0.49 0.0
1.22 0.24 0.0 0.49 0.24 0.49 0.24 0.0 0.24 0.24 0.0 0.24
0.73 0.73 0.0 0.49 0.24 0.24
SUBJECT NO. = 134 PIRT = 2.20
1 1 0 0 1 0 1 1 1 1 0 1 0 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 0
0 1 1 0 1 C 1 1 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0
0.49 0.73 0.0 0.73 0.24 0.0 0.24 0.24 0.49 0.0 0.0 0.73
0.49 0.0 0.49 0.73 0.24 0.24 0.0 0.73 0.24 0.98 0.49 0.49
0.49 0.73 0.0 0.73 0.49 0.24
SUBJECT NO. = 135 PIRT = 2.23
1 1 1 0 0 1 1 1 1 1 0 1 0 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 1 1 1 1 1 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 1 0 1 0 0 0
0 0 0 1 0 1 1 1 1 1 1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.32 0.32 0.32 0.32 0.32 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0
SUBJECT NO. = 136 PIRT = 4.45
1 1 0 0 1 1 1 1 1 1 1 1 0 1 0 0 0 0 1 0 1 0 0 1 1 1 0 1 0 0 1
1 0 1 0 1 C 1 0 0 1 1 1 0 1 1 0 0 0 0 1 0 1 1 1 0 0 0 0 0 0 0
0 0 0 0 1 0 1 1 1 1 1 1 1 0 0 1 0 1 0 1 0 1 1 1 1 1 0 1 1 1 1
0.32 0.64 0.32 0.32 0.64 0.32 0.0 0.0 0.0 0.95 0.0 0.0
0.64 0.32 0.0 0.64 0.0 0.0 0.64 0.95 0.0 0.64 0.64 0.64
0.64 0.32 0.32 0.64 0.95 0.64
SUBJECT NO. = 137 PIRT = 7.63
1 1 1 0 0 0 1 1 0 0 0 1 1 1 0 1 0 1 1 0 1 0 1 1 1 0 1 1 0 0
1 1 1 0 0 1 1 1 1 1 1 0 1 0 0 0 0 0 1 0 1 0 0 0 0 0 1 1 1 0 1
1 1 1 1 0 1 1 0 1 1 1 1 1 0 0 1 0 0 1 1 0 1 1 1 1 0 1 1 1 1 1
0.95 1.27 0.64 1.27 0.32 0.32 0.0 1.91 0.0 0.64 0.32 0.95
0.32 0.32 1.27 0.95 0.64 0.95 0.0 1.59 0.32 1.27 0.0 0.64
0.64 0.64 1.27 1.27 0.32 1.27
SUBJECT NO. = 138 PIRT = 4.13
1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 0 1 1 1 0 1 1 0 0 1 1 1 0 1 1
1 1 1 0 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 1 0 0 1 0 1 0 1 1 1 1
1 0 0 1 1 1 1 1 1 0 0 1 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
1.27 0.32 0.95 1.27 0.0 0.0 0.0 0.32 0.32 0.32 0.32 0.64

0.32 0.64 0.0 1.27 0.0 0.64 0.95 0.32 0.32 0.64 0.64 0.95
0.95 0.0 0.0 0.0 0.64 0.64

SUBJECT NO. = 139 PIRT = 13.03

1 1 1 1 0 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 0 1 1 1 0 0 0 0 1 0
0 0 0 0 1 0 1 0 0 0 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1
0 0 0 1 1 1 1 0 1 0 1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1
4.13 1.27 1.59 0.95 0.0 2.86 1.59 0.95 0.95 2.54 1.27 2.54
3.18 2.23 2.54 2.54 1.91 2.23 1.91 2.54 1.59 2.23 2.54 2.54
1.59 3.81 4.13 3.81 2.23 2.54

SUBJECT NO. = 140 PIRT = 2.54

0 1 0 1 0 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 0
0 1 1 1 1 0 1 0 0 0 1 0 0 1 0 0 0 1 1 1 0 0 0 0 0 0 1 1 0 0
0 1 0 1 0 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1
0.95 1.91 1.59 1.27 1.91 1.59 2.54 1.59 0.95 0.95 1.91 0.95
0.32 0.95 3.50 1.27 2.86 3.50 1.91 0.32 1.59 1.59 0.95 0.64
0.95 0.64 0.32 0.95 2.23 1.27

SUBJECT NO. = 141 PIRT = 2.86

1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 0 0 1 1 1 1 1 1 1 0 1 1 0 0 1 1
0 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 1 0 0 0 0 1 0 1
1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1
1.27 0.95 1.27 1.27 1.59 1.27 0.32 1.27 1.91 0.95 0.95 0.95
0.32 0.95 2.86 0.95 2.86 2.23 1.27 0.64 0.64 1.59 0.64 0.95
0.64 1.27 1.27 1.59 0.95 0.0

SUBJECT NO. = 142 PIRT = 4.13

1 0 0 0 0 1 1 1 1 1 0 1 0 1 0 0 1 1 0 1 1 1 0 1 1 0 1 1 1 0
0 1 1 0 1 0 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 1 0 1 0 1 1 0 0 0
1 0 0 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.95 0.95 0.32 1.91 0.64 0.0 0.0 0.0 0.32 0.0 0.64 0.32
0.32 0.95 0.32 0.0 0.32 0.0 0.32 0.32 0.32 0.32 0.64 0.32
0.64 0.0 0.32 0.64 0.32 0.32

SUBJECT NO. = 143 PIRT = 15.89

1 1 0 1 0 0 1 1 1 1 0 1 0 0 0 1 0 1 1 1 0 1 1 1 1 0 1 0 0 0
0 1 1 0 1 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0
1 0 0 0 0 0 0 0 1 1 1 0 1 0 1 1 0 1 1 0 1 1 1 0 0 1 0 1 1 1
2.54 0.95 4.77 0.95 1.91 2.23 3.18 1.27 0.95 1.91 2.23 1.59
2.23 0.95 0.64 1.91 1.59 2.54 1.91 1.27 0.0 1.59 1.27 2.23
3.50 2.23 5.09 1.27 1.91 1.27

SUBJECT NO. = 144 PIRT = 7.63

1 0 1 1 0 1 1 1 1 1 0 1 1 0 0 0 1 1 0 0 0 1 1 0 1 0 1 1 1 0
0 0 1 0 0 1 1 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
1.27 1.91 0.64 0.64 1.27 1.27 0.0 1.91 0.95 1.59 0.64 1.91
0.95 1.59 0.64 1.91 0.64 1.59 0.95 0.95 1.91 1.59 1.27 0.95
1.27 2.23 1.91 1.91 0.95 1.59

SUBJECT NO. = 145 PIRT = 1.91

1 1 0 1 0 1 0 1 1 0 0 1 1 1 0 0 0 1 0 1 1 1 1 1 1 0 1 1 1 0
1 0 1 0 0 0 1 0 0 0 1 1 1 1 0 1 0 1 0 0 0 0 0 1 0 0 1 0 0 1
1 1 1 1 0 1 1 0 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1

0.0 0.64 0.32 1.27 0.95 1.27 1.91 1.91 1.27 0.95 1.27 0.0
1.59 0.32 0.64 0.64 0.0 0.64 0.95 0.32 1.91 0.64 0.95 0.64
0.32 1.27 0.0 0.32 0.0 1.27

SUBJECT NO. = 146 PIRT = 13.99

1 1 1 1 1 1 1 1 1 0 0 1 0 1 0 1 0 1 1 1 1 1 1 1 1 0 1 1 0 0
0 1 1 0 0 1 1 0 1 1 1 1 1 0 1 1 1 1 0 1 0 0 0 0 0 0 0 1 1 0
0 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1 1
1.59 1.59 2.86 0.64 2.23 1.27 1.27 2.23 0.64 1.59 2.23 2.23
2.23 2.54 1.59 0.95 1.59 1.91 1.91 1.91 1.59 2.86 1.91 2.54
1.27 2.23 2.86 3.18 2.23 2.86

SUBJECT NO. = 147 PIRT = 4.45

1 0 0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 1 1 0 1 0 1 1
1 1 1 0 1 0 0 1 0 0 1 0 0 1 1 0 0 0 0 1 0 1 0 0 0 0 1 1 0 1
1 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1
0.32 0.0 0.0 1.27 0.95 1.59 0.64 0.64 1.27 0.32 0.0 0.32
0.32 0.95 0.95 0.32 0.95 1.27 0.0 2.23 0.64 0.32 0.95 0.0
0.64 0.95 0.32 0.64 0.95 0.64

SUBJECT NO. = 148 PIRT = 4.13

1 1 0 1 0 1 1 1 1 0 0 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1
0 1 1 0 1 1 0 0 1 0 0 1 1 1 1 0 0 1 1 0 1 1 0 1 1 0 1 0 1 1
1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 0
0.64 1.27 0.0 1.59 1.59 0.64 2.23 3.18 4.13 0.32 0.64 0.64
0.32 1.91 2.23 0.32 1.91 1.27 0.32 0.95 1.27 0.95 1.91 0.0
0.64 0.32 0.0 0.95 0.64 0.32

SUBJECT NO. = 149 PIRT = 1.27

1 1 0 0 0 1 1 0 1 0 1 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 1 0 0 1 1 1 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1
0 0 0 1 1 1 1 0 1 1 1 1 0 0 1 0 1 0 1 1 1 1 1 0 1 1 1 1 1 1
0.0 0.32 0.32 0.32 0.32 0.64 0.0 0.95 0.32 0.0 0.0 0.32
0.95 0.32 0.95 0.64 0.0 0.64 0.64 0.32 0.95 0.0 0.95 0.0
0.0 0.64 0.0 0.0 0.32 0.0

SUBJECT NO. = 150 PIRT = 2.23

1 1 0 0 0 1 0 0 1 1 0 0 0 1 0 1 0 1 1 1 0 0 0 0 1 0 1 1 1 0
0 1 1 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 0 1
0 1 0 0 0 1 1 1 0 1 0 1 1 0 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1
0.32 0.32 0.0 0.0 0.0 0.32 0.0 0.95 0.32 0.32 0.0 0.0
0.32 0.0 0.0 0.64 0.0 0.95 0.0 0.32 0.64 0.32 0.32 0.0
0.32 0.0 0.0 0.0 0.32 0.32

SUBJECT NO. = 151 PIRT = 3.18

1 1 0 1 1 1 1 1 1 1 0 1 1 0 0 1 0 1 1 1 0 1 1 1 1 1 0 1 0 1 1
1 1 1 0 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 1
0 1 0 1 1 0 0 0 0 0 1 1 0 0 1 0 1 0 1 0 0 1 1 0 1 0 1 1 1 1
0.32 0.64 0.64 0.95 0.0 1.59 1.91 0.64 1.27 0.95 0.32 0.64
0.95 0.32 0.0 0.0 0.95 0.64 0.64 0.32 0.95 0.64 0.64 0.32
0.0 0.64 0.0 0.64 0.64 0.32

SUBJECT NO. = 152 PIRT = 20.66

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1
1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 0 0 0 1 1 1 0 1 1

1 1 1 1 0 0 1 0 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4.13 2.54 2.23 1.27 2.54 4.77 4.13 1.59 0.95 3.81 4.77 3.50
2.54 4.77 0.95 1.91 1.27 1.27 3.18 3.81 4.13 3.50 3.50 3.81
3.81 3.50 6.36 3.50 2.86 4.13
SUBJECT NO. = 153 PIRT = 2.54
1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 0 1 1 1 1 1 1 0 0 0 1 1 0 1 1 0 1 0 1 1 1 0 1 0 1 0 1
1 1 1 1 0 0 1 0 0 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
0.32 1.59 1.59 0.64 0.0 0.0 0.0 0.32 0.95 0.0 0.0 0.32
0.0 0.0 0.32 0.32 1.27 0.95 0.32 0.32 0.95 0.32 0.95 0.95
0.0 0.0 0.0 0.0 0.64 0.0
SUBJECT NO. = 154 PIRT = 1.59
1 1 0 1 0 0 1 1 1 1 0 1 0 1 0 1 0 1 1 0 0 1 1 1 1 0 1 0 1 0
1 1 1 0 0 0 0 0 1 0 1 0 1 1 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0
0 1 0 0 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0 0.95 0.64 0.32 0.0 0.0 0.0 0.0 0.0 0.0 0.95 0.32
0.32 0.0 0.0 0.95 0.64 0.32 0.64 0.64 0.64 0.0 0.32 0.64
1.27 0.0 0.0 0.0 0.0 0.0
SUBJECT NO. = 155 PIRT = 9.54
1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 0 0 0 1 0 1 1 1 0 1 0 0 0 0 1 0 1 0 1 0 1 0 0 1 0 1 1
0 1 0 0 0 1 1 0 0 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
0.95 1.27 1.91 0.32 2.23 0.95 0.32 0.32 0.0 1.91 0.95 0.95
1.91 2.54 1.59 1.91 1.91 0.64 1.59 0.32 0.64 0.95 0.95 2.23
1.27 0.95 1.27 1.59 1.91 1.27
SUBJECT NO. = 156 PIRT = 3.50
1 1 1 0 1 1 1 1 1 1 1 0 1 0 0 1 0 1 1 1 1 0 1 0 1 1 0 0 1 0
1 1 1 0 1 1 1 1 1 1 0 0 1 0 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 1 1 1
0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 1 1 0 0 1 1 0 1 1 0 1 1 1 1 1 1 1
0.95 1.27 0.64 0.95 0.95 0.0 1.91 0.0 1.27 0.64 0.32 0.64
0.64 0.0 0.64 0.0 0.64 0.64 1.27 0.64 0.32 0.32 0.32 0.32
0.64 0.64 0.32 0.0 0.95 0.32
SUBJECT NO. = 157 PIRT = 1.91
1 1 0 1 0 1 1 1 1 1 1 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1 0 0
0 0 1 0 1 0 1 0 1 1 1 1 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 1 0 1 1
1 1 0 0 0 1 1 0 0 0 1 0 1 0 1 0 1 0 1 0 1 1 1 1 0 1 1 1 1 1
0.64 0.95 0.0 0.95 0.0 0.32 0.0 0.0 0.95 0.32 0.0 0.32
0.32 0.0 0.32 1.27 0.0 0.0 0.64 0.95 0.64 0.32 0.0 0.64
0.64 0.0 0.0 0.64 0.95 0.64
SUBJECT NO. = 158 PIRT = 1.91
1 1 1 1 0 0 1 0 1 0 0 1 0 0 0 1 0 1 0 1 1 0 1 1 1 0 1 0 1 0
0 0 1 1 0 0 1 1 0 0 1 0 0 0 0 1 0 1 1 1 1 0 0 0 1 1 1 0 1 1
1 0 1 0 0 1 0 0 1 1 1 0 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0 0.32 0.32 0.0 0.0 0.32 0.0 1.27 1.27 0.32 0.95 0.0
0.64 0.64 0.64 0.32 0.32 0.64 0.0 0.0 0.32 0.64 0.0 0.0
1.27 0.32 0.0 0.32 0.0 0.32
SUBJECT NO. = 159 PIRT = 10.49
1 1 1 1 1 0 1 1 1 0 0 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1

```
 1 1 1 1 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 0
 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
 1.59 0.64 1.59 1.27 0.64 1.59 0.32 1.27 1.91 1.91 0.0  2.86
 3.18 0.32 0.32 0.95 0.95 0.0  0.64 2.23 0.64 0.95 0.64 1.59
 1.59 1.59 0.95 1.59 1.59 2.23
SUBJECT NO. = 160       PIRT =  2.54
 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 0 1 0 1 1 1 1 1 1 1 0 0 1 1
 1 1 1 0 1 1 1 1 1 0 1 1 1 0 0 0 0 1 1 0 1 1 0 1 0 1 1 0 0 0
 0 1 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 0 0 1 1 1
 0.32 0.64 1.27 1.27 2.23 1.27 2.54 0.64 0.95 1.27 0.95 0.64
 0.64 0.32 0.64 0.95 0.95 0.95 0.64 0.32 1.27 0.32 1.27 0.64
 1.91 0.64 0.95 0.32 1.27 0.64
SUBJECT NO. = 161       PIRT =  2.23
 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 0 1 1
 1 1 0 0 0 1 0 1 1 1 1 1 0 1 1 1 0 1 1 0 1 1 0 1 1 1 1 0 1 1 1 1
 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
 0.32 0.0  0.32 1.27 0.0  0.32 0.32 0.64 0.32 0.32 1.27 0.32
 0.0  0.64 0.64 0.64 0.32 0.32 0.0  0.32 0.32 0.32 0.32 0.64
 0.32 0.0  0.32 0.32 0.64 0.0
SUBJECT NO. = 162       PIRT =  5.72
 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 0 0 1 1 0 0 1 1 0 1 0 1 0 1 0 1 0
 1 1 1 0 0 1 1 1 1 0 1 1 1 1 1 0 0 1 1 1 1 0 1 1 0 1 0 1 1 1 1
 0 1 0 0 0 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1
 0.64 0.64 0.0  1.27 0.0  0.0  0.0  0.64 0.64 0.95 0.64 0.95
 0.32 0.95 0.32 0.95 0.64 0.0  0.95 0.32 0.64 0.32 0.32 0.95
 0.95 0.64 0.32 0.64 0.95 0.32
SUBJECT NO. = 163       PIRT =  6.99
 1 1 0 0 1 1 0 1 1 1 1 1 1 0 1 1 0 1 1 0 1 1 1 0 1 0 1 0 0 1
 0 1 0 0 0 1 1 1 1 0 0 0 1 0 1 0 0 1 1 0 0 0 1 0 1 1 1 0 0 1
 0 1 1 1 0 1 0 0 0 1 1 0 1 0 1 1 1 1 1 1 0 0 0 0 1 0 1 0 1 1
 0.95 0.64 1.59 1.27 1.59 0.64 1.27 0.95 1.59 1.59 1.27 1.27
 1.59 0.0  0.32 1.59 0.0  0.32 1.59 0.95 0.95 1.59 0.64 1.91
 0.32 0.64 0.0  0.32 0.64 1.27
SUBJECT NO. = 164       PIRT =  3.81
 1 1 1 0 1 1 0 1 0 0 1 1 0 0 0 0 0 0 1 1 1 1 1 1 1 1 0 1 0 1 1
 1 0 0 1 1 1 1 1 1 0 1 1 0 1 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 1
 0 0 0 1 1 0 1 0 1 1 0 1 0 0 1 1 1 0 1 1 0 1 1 0 1 0 1 1 1 1
 0.32 0.95 0.32 1.27 1.27 1.27 0.95 0.32 0.64 0.0  0.0  1.27
 0.0  1.27 1.27 0.64 0.95 1.27 0.32 0.95 1.59 1.27 0.95 0.64
 0.0  0.64 0.0  0.64 1.27 0.64
SUBJECT NO. = 165       PIRT =  8.27
 1 1 1 0 1 0 1 1 0 0 0 1 0 0 1 0 1 1 1 1 0 1 1 0 1 0 1 0 0 1
 1 1 1 0 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 1 0 1 0 1 0 0 0 0 0 1 0
 0 1 0 1 0 1 1 0 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1
 0.64 1.27 0.0  0.0  0.64 0.0  1.27 0.95 1.59 0.32 0.95 0.32
 0.95 1.27 0.95 0.32 1.27 0.95 1.59 0.64 1.27 0.95 1.27 0.0
 0.0  1.59 0.0  0.64 0.32 0.64
SUBJECT NO. = 166       PIRT =  6.04
```

```
1 1 1 0 1 0 1 1 1 1 1 1 1 0 0 1 0 1 0 1 0 0 1 1 1 1 1 0 1 1
0 1 1 1 1 1 1 0 0 0 1 0 0 1 1 1 0 1 0 0 0 0 1 1 0 1 1 1 1 1
1 1 1 1 1 1 1 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 1 0 0 0
1.27 2.54 0.95 0.95 0.0  0.0  0.64 1.27 0.95 1.27 0.0  1.27
0.64 0.95 0.64 0.32 0.64 0.32 0.95 1.91 0.64 0.32 1.27 0.64
0.0  0.64 0.32 1.27 0.95 0.64
SUBJECT NO. = 167        PIRT =  8.58
1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 0 0 1 1 0 1 1 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1
1 1 0 0 0 1 1 1 1 1 1 0 1 1 0 0 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1
0.95 1.27 0.64 0.64 0.64 0.95 0.95 0.64 0.32 0.95 0.64 1.59
1.59 1.91 0.64 0.95 0.32 0.64 0.32 1.27 1.27 1.59 1.91 2.23
1.91 0.95 1.59 0.95 1.27 1.59
SUBJECT NO. = 168        PIRT =  0.95
1 1 1 0 1 0 1 1 0 1 0 1 1 0 0 1 1 1 0 1 1 1 1 0 1 0 1 0 1 0
0 1 1 1 0 0 0 1 1 0 1 1 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0
1 1 0 0 0 1 1 0 1 1 1 0 0 1 1 0 1 0 1 1 0 0 0 0 1 1 1 1 1 1
0.32 0.64 0.0  0.64 0.0  0.32 0.0  0.0  0.0  0.0  0.0  0.0
0.0  0.32 0.0  0.32 0.0  0.0  0.32 0.64 0.64 0.0  0.0  0.64
0.0  0.0  0.0  0.0  0.0  0.0
SUBJECT NO. = 169        PIRT =  3.18
1 1 0 0 0 1 1 1 1 1 0 0 1 0 0 1 1 1 1 1 0 0 0 1 1 1 1 0 1 0
0 1 1 0 0 0 0 0 0 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 1 0 1 0 0 0 0
1 1 1 0 1 0 1 0 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0  0.32 0.0  0.0  0.32 0.32 0.64 0.32 0.64 0.32 0.64 0.32
0.64 0.32 0.0  0.0  0.0  0.0  0.32 0.95 0.95 0.64 0.64 0.32
0.32 0.0  0.0  0.0  0.64 0.64
SUBJECT NO. = 170        PIRT =  3.81
1 1 0 1 0 1 0 0 1 0 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 0 0 0 1 1
1 1 0 1 0 1 1 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
0 1 0 1 0 1 1 0 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.32 0.64 0.95 0.64 0.0  0.64 0.0  1.59 0.0  0.32 0.95 0.32
1.59 0.64 0.64 1.59 0.32 0.32 0.32 1.27 0.64 0.0  0.64 0.32
0.32 0.64 0.0  0.95 0.32 0.64
SUBJECT NO. = 171        PIRT =  1.91
1 1 0 0 0 0 0 1 0 0 1 1 0 1 0 1 0 1 1 1 0 0 0 1 1 0 0 0 0 0
0 1 1 0 0 1 1 0 0 0 0 0 1 0 1 0 0 0 0 1 1 0 0 0 0 0 0 0 1 0
0 0 0 0 0 0 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0  0.64 0.32 0.32 0.32 0.0  0.64 0.32 0.0  0.32 0.64 0.32
0.32 0.0  0.0  0.64 0.95 0.0  0.32 0.64 0.0  0.95 0.32 0.0
0.32 0.0  0.0  0.32 0.0  0.32
SUBJECT NO. = 172        PIRT =  1.91
1 1 1 1 1 0 0 1 1 0 1 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1 0 0
0 1 1 1 0 0 1 0 1 1 0 1 1 0 1 0 0 1 1 0 0 1 0 0 1 1 1 0 1 1
0 0 0 1 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1
0.0  0.64 0.32 1.27 2.86 1.27 1.91 0.64 0.95 0.32 0.0  0.64
0.0  1.27 2.23 0.0  1.59 0.32 0.64 0.64 0.32 0.32 0.64 0.32
0.0  0.64 0.95 0.32 0.32 0.32
```

SUBJECT NO. = 173 PIRT = 4.13

1 1 1 0 1 1 0 1 1 0 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 0 1 0 1 1
1 1 1 1 0 1 1 1 0 0 0 1 1 0 1 0 0 1 0 0 0 0 1 0 1 0 0 1 1 0
1 0 1 1 0 0 0 0 1 1 1 0 0 1 1 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1
0.95 0.95 0.0 0.64 0.0 0.32 0.0 0.32 1.27 0.0 0.0 1.27
1.27 0.64 1.27 0.64 0.32 0.32 0.95 1.27 0.0 0.95 0.64 0.64
0.32 0.0 0.0 0.0 0.64 0.95

SUBJECT NO. = 174 PIRT = 0.95

1 1 0 0 0 1 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1
1 1 1 1 0 1 1 1 1 1 0 0 1 1 0 0 0 1 0 0 0 1 0 0 1 0 1 0 1 0
0 1 0 0 0 1 1 1 1 1 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1
0.0 0.64 0.0 0.64 1.59 0.32 0.95 0.32 0.0 0.0 0.0 0.0
0.32 0.64 0.32 0.32 0.32 0.64 0.0 0.0 0.0 0.32 0.64 0.0
0.0 0.0 0.0 0.0 0.32 0.32

SUBJECT NO. = 175 PIRT = 4.77

1 1 1 0 0 0 0 0 0 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1
0 1 1 1 0 1 1 0 1 1 1 1 0 1 1 0 1 0 0 1 0 0 1 0 1 1 1 1 0 1
1 1 1 1 1 0 0 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 0 0 1 0 1 1 1 0
1.59 0.64 0.64 1.27 0.32 0.32 0.32 1.59 0.95 0.95 0.32 1.91
1.91 0.95 0.32 1.27 0.32 0.0 1.27 0.32 1.59 0.64 0.64 1.27
0.0 0.95 0.32 0.64 1.91 0.64

SUBJECT NO. = 176 PIRT = 14.94

1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 0 0 1
0 1 0 1 0 1 1 0 1 1 0 0 0 0 0 0 1 0 1 0 0 0 1 0 0 0 1 0 0 1 1
0 1 1 1 1 1 1 1 0 1 1 1 0 0 0 1 0 1 1 1 1 1 1 0 0 1 0 1 1 0 1
2.54 2.23 5.72 2.23 0.95 1.91 1.91 0.32 1.27 5.09 5.40 2.54
2.23 2.86 3.18 3.18 1.59 0.64 2.54 2.54 1.27 3.81 1.91 5.09
3.18 3.81 5.40 3.18 1.59 3.50

SUBJECT NO. = 177 PIRT = 2.86

0 1 0 0 0 1 1 1 1 0 0 1 0 0 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1 1 1 0 1 1 1 1 1 1 0 1 1 0 0 0 1 0 1 0 0 0 0 0 1 0 0 1 0 0 0
0 0 1 0 1 0 0 1 1 1 1 1 1 0 0 1 1 0 1 1 1 0 1 1 0 0 0 1 1 1 1
0.0 0.64 0.32 1.27 0.32 0.0 0.64 0.64 0.0 0.0 0.0 0.64
0.95 0.0 1.91 0.0 0.32 0.32 0.0 0.0 0.32 0.32 0.64 0.32
0.32 0.64 0.0 0.64 0.32 0.32

SUBJECT NO. = 178 PIRT = 8.58

1 1 1 1 1 1 0 1 1 0 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 0 1
1 1 1 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
0 1 0 0 1 1 1 1 1 1 1 1 0 0 0 0 1 1 0 1 1 0 1 1 1 1 1 1 1 1
1.59 0.64 0.64 0.32 0.64 1.27 0.0 0.64 0.64 0.64 0.0 1.27
1.91 1.91 0.95 1.27 0.95 0.64 1.91 1.91 0.95 1.27 1.91 1.59
0.95 1.27 0.95 0.95 1.91 1.91

SUBJECT NO. = 179 PIRT = 2.54

1 1 0 0 0 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 0 0
0 1 1 1 0 1 1 1 0 1 0 1 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 1 0
0 0 0 0 1 0 1 1 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1
0.0 0.32 0.64 0.32 1.27 0.95 2.86 0.32 0.0 0.0 0.32 0.0
0.0 0.32 0.0 0.64 0.32 0.32 0.64 0.0 0.0 0.0 0.0 0.32

0.0 0.0 0.0 0.32 0.64 0.64
SUBJECT NO. = 180 PIRT = 23.21
1 1 1 1 0 0 1 1 1 0 1 1 1 1 0 0 1 1 1 0 1 1 1 0 1 0 1 0 0 0
0 1 1 0 1 1 1 0 1 0 1 0 0 0 1 0 0 1 0 0 1 0 1 0 0 0 0 1 1 1
1 1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0
5.40 4.45 6.04 1.91 4.77 3.18 2.54 1.59 0.95 6.99 7.95 4.13
2.23 3.18 4.45 5.09 3.50 1.91 3.18 4.45 3.18 5.09 3.81 5.40
5.72 3.50 5.72 4.13 3.81 4.77
SUBJECT NO. = 181 PIRT = 3.50
1 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1
0 1 1 0 1 1 0 1 1 1 0 0 1 0 0 1 1 1 1 0 0 1 0 0 1 1 1 0 0 1
0 0 1 1 1 1 1 1 1 1 1 1 1 0 0 1 0 0 1 1 1 0 0 1 0 1 0 1 1 1 1
0.0 0.64 1.59 0.0 1.27 0.64 1.91 0.32 0.64 0.32 0.0 0.64
0.0 0.64 0.32 0.0 0.0 0.32 0.64 0.64 1.27 0.32 0.0 0.64
0.64 1.27 0.95 0.32 0.0 0.95
SUBJECT NO. = 182 PIRT = 0.32
1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 0 1 0
1 1 1 1 0 0 1 0 0 1 1 1 0 1 1 0 1 1 0 0 0 1 0 1 0 1 1 0 0 1
0 0 0 1 0 0 1 0 0 1 1 1 1 1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1
0.32 0.0 0.0 0.0 0.0 0.32 0.0 0.32 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0
SUBJECT NO. = 183 PIRT = 7.63
1 1 0 1 1 1 1 1 1 1 0 0 1 1 0 1 0 1 1 1 1 1 1 0 1 1 0 0 1 1 0
1 1 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 1 0 0 1 0 0 0 1 0 0 0 0
0 1 1 0 0 0 0 0 0 0 1 1 1 0 1 1 1 1 0 1 1 0 1 1 0 1 1 1 1 1 0
0.64 0.0 0.32 0.32 1.27 1.27 0.32 0.0 0.64 0.0 0.64 0.95
1.91 1.59 0.0 1.27 0.64 0.64 0.32 0.32 1.27 0.64 0.95 0.32
1.59 0.64 0.0 0.64 0.64 1.27
SUBJECT NO. = 184 PIRT = 4.45
1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 0 1 0 1 1
0 0 1 1 0 1 1 1 0 0 0 1 1 0 0 1 1 1 1 1 0 0 1 0 1 1 0 1 0 0 1
0 0 0 1 1 0 1 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1 1
0.0 0.32 0.0 0.32 0.0 0.32 0.32 3.50 1.91 0.0 0.0 0.95
0.0 0.0 0.95 0.0 1.59 4.13 0.0 1.27 0.95 0.64 0.32 0.0
0.0 0.0 0.0 0.32 0.95 0.64
SUBJECT NO. = 185 PIRT = 7.63
1 1 1 1 1 0 1 1 0 1 1 1 0 0 0 1 0 1 1 1 1 1 1 0 0 1 0 0 0 0 1
0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 1 0
1 1 1 0 0 1 1 0 1 1 1 0 0 1 1 0 1 1 1 0 0 1 0 0 1 1 1 1 1 1
2.54 0.64 0.32 0.95 0.64 3.18 1.59 1.27 1.59 0.95 0.64 0.32
0.64 2.86 1.91 1.59 2.23 0.95 1.91 1.27 1.59 1.59 2.23 0.32
3.50 2.23 4.13 1.27 1.59 1.59
SUBJECT NO. = 186 PIRT = 4.45
1 1 0 1 1 1 1 0 1 0 0 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 0
1 1 1 0 1 1 1 0 0 0 0 1 0 1 0 0 0 1 0 0 1 1 0 1 0 1 0 1 0 1
0 0 0 0 0 0 0 0 1 1 1 1 1 0 1 1 1 0 1 0 0 1 1 0 1 1 1 0 1 1
1.59 1.59 0.95 1.27 0.64 0.32 0.32 0.0 0.32 0.64 0.32 0.95

1.27 0.64 0.32 0.0 0.64 0.32 1.59 0.95 0.64 0.95 0.95 0.64
0.64 1.59 0.32 1.27 1.59 0.95
SUBJECT NO. = 187 PIRT = 3.50
1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 0 0 1 1
1 1 1 1 1 0 1 1 1 0 1 1 1 1 0 1 0 1 1 0 0 1 0 1 0 0 0 1 0 0
1 1 1 0 0 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1
0.95 0.32 1.27 0.32 0.32 1.27 1.27 0.32 0.64 1.27 1.59 0.32
0.32 0.32 0.32 0.64 0.64 0.32 0.64 0.0 0.0 0.0 0.0 0.64
0.0 0.64 0.0 0.32 0.32 0.64
SUBJECT NO. = 188 PIRT = 1.27
0 0 0 0 0 0 0 1 1 1 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1
0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 1 1 0
0 0 0 0 1 1 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 0
0.0 0.95 0.0 2.23 1.27 1.27 0.64 1.59 4.45 0.0 0.0 0.32
0.0 0.0 2.23 0.0 2.54 5.09 0.95 0.32 2.23 0.0 0.32 0.0
0.32 0.95 0.0 0.64 0.32 0.32
SUBJECT NO. = 189 PIRT = 6.04
1 0 1 1 1 1 1 0 1 1 0 1 1 0 0 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0
1 1 1 0 0 0 1 0 1 1 1 1 0 1 0 0 0 1 0 0 1 1 1 0 0 0 0 0 1 1
1 0 0 0 1 0 0 0 1 1 1 1 0 0 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1
1.59 0.32 0.95 0.64 0.64 1.59 0.32 0.64 0.0 1.27 0.0 0.0
1.27 0.95 1.27 0.95 0.64 0.32 0.32 0.0 0.95 0.95 0.0 1.91
1.91 0.95 1.91 0.95 0.0 0.95
SUBJECT NO. = 190 PIRT = 0.0
1 1 0 0 0 1 1 1 1 1 1 1 0 1 0 1 0 1 0 1 0 0 1 1 0 1 1 1 0 1
0 1 1 0 1 0 0 0 0 0 0 1 0 0 1 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0
1 1 0 0 0 0 0 1 0 0 1 0 1 0 0 0 0 0 1 0 1 1 0 1 1 0 0 0 0 0 0
0.0 0.0 0.0 0.64 0.32 0.32 0.32 0.64 0.95 0.0 0.0 0.0
0.0 0.0 0.64 0.0 0.64 0.64 0.32 0.0 0.32 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0
SUBJECT NO. = 191 PIRT = 0.95
1 1 0 0 0 1 0 1 1 1 0 1 0 0 0 1 0 1 1 1 0 1 1 1 1 0 1 0 1 0
0 1 1 0 0 0 1 0 1 0 0 0 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 1 1 0
1 0 0 0 1 1 1 0 1 1 0 0 0 1 1 0 1 1 1 1 0 1 1 0 1 0 1 1 1 1
0.64 0.0 0.64 0.0 0.64 0.32 0.95 0.32 0.32 1.27 0.0 0.95
0.32 0.0 0.32 0.64 0.0 0.64 0.32 0.64 0.32 0.64 0.32 0.0
0.32 0.95 0.0 0.64 0.32 0.32
SUBJECT NO. = 192 PIRT = 3.18
1 1 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 1 1 1 1 1 0 1 0 1 0 1 1
1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0
1 1 0 0 0 1 1 0 1 1 1 0 1 0 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1 1
0.95 0.95 0.64 1.27 0.0 0.0 0.0 0.64 0.64 0.0 0.64 0.32
0.64 0.0 0.0 0.95 0.32 0.32 0.32 0.32 0.32 0.64 0.64 0.95
0.64 0.0 0.0 0.0 0.64 0.95
SUBJECT NO. = 193 PIRT = 7.63
0 1 0 1 0 1 1 1 1 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1 0 1 1 0 0
1 1 1 0 0 0 1 1 0 1 1 1 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 1
1 1 1 1 1 1 0 0 1 1 0 1 1 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 1 1 1

1.27 0.64 0.95 0.64 1.59 0.95 0.95 0.0 0.32 1.27 1.91 0.32
0.64 0.32 0.0 1.59 0.32 1.27 0.95 0.32 0.95 0.32 0.64 0.64
0.64 0.32 0.64 0.32 0.64 1.91

SUBJECT NO. = 194 PIRT = 5.09

1 1 0 0 0 0 0 1 1 1 1 1 0 0 0 0 1 0 0 1 1 1 1 1 0 0 1 0 0 0
0 1 1 0 1 1 1 1 0 1 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1 0
0 0 0 1 0 0 0 1 1 1 1 1 0 0 1 0 1 0 1 1 0 1 1 0 1 0 1 1 1 1
0.0 0.95 0.32 2.86 2.23 1.27 1.59 4.45 5.09 0.32 0.0 0.64
0.95 0.32 3.18 0.0 1.91 4.77 1.27 1.59 1.91 0.64 0.95 0.0
0.0 0.95 0.32 0.95 0.32 0.95

SUBJECT NO. = 195 PIRT = 24.80

1 0 0 0 0 1 1 1 1 0 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 0 0 0
0 1 1 0 1 1 1 1 1 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 1 0 1 0 0 1
1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1
3.50 1.91 1.27 2.23 3.50 3.18 3.18 0.95 0.95 0.64 2.54 2.23
2.54 3.50 0.32 1.59 1.59 1.91 1.91 2.86 1.91 1.59 2.86 1.91
1.91 2.23 3.50 2.23 3.50 4.13

SUBJECT NO. = 196 PIRT = 0.95

1 1 0 0 1 1 1 1 1 1 0 1 0 0 1 1 1 0 1 0 1 0 1 1 1 1 1 1 0 0 1 0
0 1 1 1 1 1 1 1 0 1 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 1 0 0 1
1 0 0 0 0 0 0 0 0 1 1 0 1 1 0 1 1 1 1 0 0 0 1 0 1 1 1 1 1 1 1
0.32 1.27 0.0 1.27 0.32 0.32 0.32 0.32 1.91 0.0 0.0 0.0
0.64 0.32 0.32 0.0 0.64 0.32 0.64 0.0 0.64 0.32 0.32 0.0
0.0 0.64 0.0 0.0 1.27 0.32

SUBJECT NO. = 197 PIRT = 0.32

1 1 1 0 1 0 1 1 1 1 0 1 0 0 1 1 0 0 0 1 1 1 1 1 1 0 1 1 1 0
1 1 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 1 1 1 0 0 0 1 0 0 0 0 0 0
0 0 1 0 1 0 1 1 1 1 1 1 0 0 1 1 1 1 1 0 1 0 1 1 1 0 1 1 1 1 1 1
0.32 0.95 0.0 0.95 0.0 0.32 0.32 1.27 0.32 0.0 0.32 2.23
0.95 0.32 0.32 0.0 0.95 0.0 0.32 0.0 0.64 0.32 0.0 0.0
0.32 0.0 0.0 0.0 0.32 0.0

SUBJECT NO. = 198 PIRT = 23.00

1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0
0 1 1 1 0 0 0 1 1 1 1 1 1 0 1 0 1 0 1 1 0 0 1 0 0 0 0 1 1 1 1
1 1 1 1 0 1 1 0 011 1 1 1 0 1 0 1 0 1 1 0 1 1 0 1 1 1 1 1 1 1
6.00 5.00 0.0 3.00 3.00 1.00 5.00 2.00 6.00 3.00 0.0 4.00
1.00 3.00 2.00 1.00 3.00 2.00 3.00 5.00 3.00 2.00 6.00 4.00
4.00 2.00 3.00 4.00 1.00 3.00

SUBJECT NO. = 199 PIRT = 3.00

1 1 1 1 0 0 1 0 1 1 0 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 0 1
0 0 1 1 1 1 1 1 0 0 0 0 1 0 0 0 1 0 1 1 1 0 0 0 1 1 1 0 1 0 0
1 1 1 1 1 1 0 1 1 0 1 1 0 1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1
0.0 0.0 3.00 1.00 4.00 3.00 1.00 5.00 4.00 4.00 0.0 1.00
2.00 3.00 2.00 3.00 4.00 1.00 2.00 0.0 0.0 1.00 0.0 1.00
5.00 4.00 3.00 4.00 1.00 0.0

SUBJECT NO. = 200 PIRT = 35.00

1 0 1 0 1 1 1 1 0 1 0 1 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1 0 0
1 0 1 1 1 0 1 0 1 0 1 1 1 1 1 1 0 0 1 1 0 0 0 0 0 1 0 0 0 1 1

```
 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 1
 3.00 2.00 7.00 4.00 5.00 3.00 3.00 1.00 2.00 3.00 5.00 7.00
 4.00 4.00 1.00 5.00 1.00 1.00 0.0  5.00 5.00 3.00 4.00 3.00
 1.00 1.00 3.00 1.00 4.00 4.00
SUBJECT NO. = 201        PIRT = 18.00
 1 1 1 0 0 1 1 1 0 1 1 0 0 0 0 1 0 1 1 1 0 1 0 1 1 0 1 1 1 0
 0 1 1 1 0 1 1 0 1 0 1 0 0 0 1 1 0 1 0 0 1 0 1 0 0 0 0 1 1 1
 0 0 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
 1.00 2.00 6.00 3.00 2.00 5.00 2.00 0.0  2.00 5.00 7.00 4.00
 6.00 3.00 2.00 6.00 5.00 3.00 3.00 3.00 2.00 5.00 1.00 6.00
 2.00 5.00 1.00 2.00 2.00 2.00
SUBJECT NO. = 202        PIRT = 29.00
 1 1 1 0 1 1 1 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 0
 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 0 0 1 0 0 1 0 1 1 1 1 0 0 1 1
 1 1 1 0 1 1 0 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 0 1 1 1 1 1 0
 6.00 7.00 4.00 2.00 3.00 3.00 2.00 4.00 3.00 5.00 5.00 4.00
 3.00 4.00 4.00 3.00 3.00 5.00 7.00 3.00 7.00 5.00 6.00 7.00
 5.00 4.00 7.00 4.00 4.00 5.00
SUBJECT NO. = 203        PIRT = 22.00
 1 1 1 1 1 1 0 1 1 1 0 1 1 1 0 1 0 1 1 1 0 0 1 1 1 1 1 1 1 1 0
 1 1 1 0 1 1 1 1 1 1 0 0 0 1 0 0 1 1 0 1 0 0 0 0 1 1 0 1 1 0 1
 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1
 4.00 6.00 0.0  7.00 1.00 2.00 2.00 3.00 3.00 1.00 0.0  1.00
 4.00 4.00 0.0  4.00 2.00 2.00 6.00 6.00 3.00 4.00 3.00 3.00
 3.00 3.00 2.00 1.00 5.00 3.00
SUBJECT NO. = 204        PIRT = 11.00
 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1 0 0 1 1 1 1 1 1 1 0 1 1
 1 1 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1 0 1 1 0 1 1 1 1 0 1 0 0 1 1 1
 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0
 2.00 2.00 1.00 0.0  4.00 7.00 2.00 6.00 1.00 2.00 2.00 1.00
 0.0  1.00 6.00 2.00 5.00 5.00 3.00 0.0  1.00 1.00 1.00 1.00
 3.00 3.00 2.00 3.00 2.00 4.00
SUBJECT NO. = 205        PIRT =  1.00
 1 0 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0
 0 1 1 1 0 1 1 1 1 1 0 1 0 1 1 1 0 0 0 0 0 1 0 0 1 1 0 0 0 1 1
 1 1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
 1.00 0.0  2.00 2.00 2.00 1.00 4.00 2.00 2.00 1.00 1.00 0.0
 1.00 0.0  2.00 0.0  1.00 2.00 0.0  0.0  0.0  0.0  1.00 0.0
 0.0  0.0  0.0  2.00 0.0  0.0
SUBJECT NO. = 206        PIRT = 15.00
 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 0 1 0 1 1 1 0 1 1
 1 1 1 1 1 1 0 1 0 1 0 1 1 1 1 1 0 1 0 1 1 1 0 0 0 0 0 0 1 1 1 1
 0 1 0 0 0 0 0 0 1 1 1 1 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 0 1 1 1 1
 4.00 1.00 1.00 5.00 3.00 4.00 2.00 2.00 1.00 1.00 0.0  0.0
 1.00 4.00 3.00 1.00 2.00 4.00 2.00 1.00 4.00 4.00 2.00 1.00
 3.00 3.00 3.00 4.00 7.00 3.00
SUBJECT NO. = 207        PIRT = 23.00
 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1
```

0 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 0 0 1 0 1 0 1 0 0 1 1 1 1 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 0 1 1 0 0 0 0 0 0
2.00 4.00 6.00 3.00 3.00 1.00 4.00 2.00 4.00 3.00 7.00 4.00
5.00 4.00 4.00 6.00 4.00 4.00 7.00 5.00 6.00 5.00 6.00 4.00
4.00 4.00 6.00 2.00 7.00 6.00

SUBJECT NO. = 208 PIRT = 17.90

1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 0 0 1 1 1 0 1 1 1 0 1 1
1 1 1 0 1 0 1 1 1 0 0 0 1 1 1 0 0 1 1 1 0 0 1 0 1 1 0 1 1 1
1 1 0 1 0 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1
3.02 1.86 3.95 1.63 0.46 1.63 0.23 1.39 0.23 3.25 3.02 3.49
3.25 2.09 0.93 3.25 1.16 1.39 1.63 3.02 0.46 1.16 1.63 4.65
1.86 2.09 1.39 1.39 1.86 2.56

SUBJECT NO. = 209 PIRT = 5.58

1 1 1 0 0 0 0 1 0 0 0 1 1 0 1 1 0 0 1 1 1 1 0 1 1 0 1 0 0 1
0 1 1 1 0 0 1 0 1 0 0 1 0 0 0 1 0 1 0 0 1 0 1 0 0 0 0 0 1 0
1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0
0.70 0.93 0.46 0.70 0.23 0.93 0.70 0.23 2.09 0.93 0.23 1.16
1.63 0.70 5.35 0.23 0.46 0.46 0.70 0.70 1.39 0.70 1.16 0.70
1.16 1.86 0.46 1.16 0.70 0.70

SUBJECT NO. = 210 PIRT = 0.23

1 1 0 0 0 1 1 1 1 0 1 0 0 0 1 1 0 1 0 1 1 1 1 1 1 0 1 1 0 0
0 1 1 1 1 0 1 0 1 1 0 1 1 0 1 0 0 0 0 1 0 1 0 0 0 1 0 0 0 1
0 0 0 1 1 1 1 0 0 1 1 1 1 1 1 0 1 0 1 1 1 1 1 0 1 1 1 0 1 1
0.46 0.0 0.0 0.0 0.0 0.23 0.46 1.16 0.70 0.0 0.0 0.23
0.23 0.23 0.23 0.0 0.0 0.23 0.0 0.0 0.0 0.23 0.46 0.0
0.46 0.23 0.23 0.23 0.23 0.0

SUBJECT NO. = 211 PIRT = 1.39

1 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1
0 1 1 1 0 0 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1
0 0 0 1 1 1 1 0 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0
0.70 0.70 0.0 0.70 1.39 1.86 0.70 1.63 1.16 0.46 0.23 0.0
0.23 0.46 0.70 0.23 0.46 1.16 0.46 0.70 0.70 0.70 0.23 0.23
0.93 0.0 1.16 0.46 0.46 0.70

SUBJECT NO. = 212 PIRT = 1.39

1 1 1 0 1 1 1 0 1 0 0 1 0 0 0 1 1 1 1 1 1 0 1 1 1 1 1 0 1 0 1 1
1 1 0 1 1 0 1 0 0 1 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 1
1 1 1 1 1 1 1 1 0 0 1 1 1 0 0 1 0 1 1 1 0 0 0 1 1 1 1 1 1 1 1
0.23 0.46 0.23 0.46 0.23 0.23 0.46 0.23 0.23 0.0 0.46 0.46
0.0 0.46 0.0 0.23 0.23 0.0 0.70 0.23 0.46 0.23 0.46 0.46
0.46 0.0 0.23 0.46 0.0 0.23

SUBJECT NO. = 213 PIRT = 0.93

1 1 0 0 0 1 0 1 1 0 0 1 1 1 1 0 0 1 0 0 1 0 0 0 1 0 1 0 0 0
0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0
1 1 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 1 1 0 0 0 1 0 0 0 0 0 1 1
0.0 0.0 0.23 0.70 0.0 0.46 0.23 0.0 0.23 0.0 0.23 0.23
0.0 0.46 0.93 0.0 0.0 0.46 0.23 0.23 0.46 0.23 0.23 0.23
0.0 0.23 0.23 0.46 0.0 0.0

SUBJECT NO. = 214 PIRT = 0.70

1 0 1 0 1 1 1 1 1 1 0 1 0 0 0 1 1 0 0 1 1 1 1 1 1 0 1 0 1 0
1 1 0 1 1 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0
1 0 1 0 1 0 1 1 1 1 1 1 0 0 1 1 1 0 1 0 0 1 1 0 1 1 1 1 1 1
0.23 0.23 0.0 0.0 0.23 0.23 0.46 0.23 0.46 0.46 0.0 0.23
0.93 0.23 0.0 0.46 0.46 0.23 0.70 0.0 0.46 0.70 0.23 0.23
0.46 0.23 0.0 0.23 0.23 0.23
SUBJECT NO. = 215 PIRT = 4.18
1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 0 0 1
1 0 1 1 1 1 1 1 0 1 1 1 0 1 0 1 0 1 1 1 0 1 0 0 0 0 1 0 0 1
0 1 0 0 0 1 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0.93 0.70 0.46 0.0 0.23 0.23 0.0 0.23 0.70 0.23 0.0 0.0
0.46 0.0 0.23 0.46 0.23 0.70 0.0 0.93 0.0 0.93 0.93 0.23
0.23 0.0 0.23 0.70 0.23 0.93
SUBJECT NO. = 216 PIRT = 1.86
1 0 1 1 1 1 1 0 1 0 0 1 0 0 1 1 1 0 1 1 1 1 1 1 1 0 0 1 1 1
0 1 1 1 1 0 0 0 1 0 0 0 1 0 0 1 0 1 0 0 1 0 0 1 0 0 0 1 0 0
0 1 1 1 0 0 0 0 1 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 0 1 1 1 1 1 0
0.46 0.46 1.16 1.86 0.23 0.23 0.46 1.39 1.16 0.93 0.0 0.93
0.23 0.46 0.93 0.0 1.16 2.09 0.70 0.46 0.46 0.46 0.0 0.0
0.23 0.46 0.46 0.23 0.93 0.46
SUBJECT NO. = 217 PIRT = 6.04
0 1 1 1 1 1 1 1 1 1 0 0 0 1 0 0 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1
1 0 0 1 0 0 0 0 0 1 0 1 0 0 1 1 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0
1 1 1 0 1 0 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 0 1 1 1 1 1 1
0.70 0.70 1.63 0.93 0.23 1.39 0.0 0.0 0.46 1.16 2.09 0.70
0.70 0.93 0.93 2.09 0.23 0.46 2.56 0.46 0.46 0.70 0.93 2.56
3.02 2.32 0.70 1.16 0.93 0.70
SUBJECT NO. = 218 PIRT = 10.00
1 1 1 1 1 1 0 1 0 1 1 1 1 1 0 1 0 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1 1 1 1 1 0 1 1 0 1 1 1 1 0 1 1 1 0 0 1 1 0 0 0 0 0 1 0 1 1 1 1
1 1 1 0 0 1 1 0 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1
0.46 0.70 1.63 0.70 0.70 0.93 0.23 0.23 0.23 0.93 2.32 1.16
1.39 0.93 0.0 0.70 0.93 0.23 1.39 1.63 0.46 0.93 1.16 1.86
0.93 1.39 2.09 0.93 1.63 1.16
SUBJECT NO. = 219 PIRT = 12.79
1 1 1 0 0 0 0 1 1 0 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 0 1 0 0 0
0 1 0 0 0 1 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
0 1 0 0 0 1 1 0 1 1 1 0 0 1 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 1 1
3.72 0.93 4.88 0.93 2.09 3.02 1.16 1.39 0.46 5.35 5.81 0.93
1.63 2.56 2.79 3.25 2.32 0.93 2.09 0.23 1.63 2.32 1.63 3.95
3.72 3.95 3.25 3.25 2.56 1.16
SUBJECT NO. = 220 PIRT = 2.56
1 1 1 1 0 0 0 1 1 1 1 1 1 0 1 1 0 1 0 1 0 1 1 1 1 1 1 1 0 1 0
1 1 1 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 1 0 0 0 1 0 1 1 1
1 1 1 1 1 1 1 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0
0.70 1.16 0.23 0.46 0.23 0.23 0.23 0.93 0.23 0.23 0.0 0.46
0.23 0.93 0.0 0.46 0.70 0.0 0.46 0.46 1.16 0.93 0.46 0.46
0.46 0.0 0.46 0.46 0.23 0.23

SUBJECT NO. = 221 PIRT = 0.93

1 1 1 0 1 1 1 1 0 1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 0 1 0 1 0
1 0 1 1 0 0 1 1 0 1 1 0 1 1 0 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0
0 1 0 0 1 0 0 1 1 0 1 1 0 0 1 1 1 1 1 0 0 0 1 0 1 0 1 1 1 1
0.23 0.0 0.0 0.23 0.23 0.46 0.23 0.0 0.0 0.23 0.0 0.0
0.23 0.0 0.0 0.46 0.46 0.0 0.0 0.23 0.23 0.70 0.23 0.23
0.0 0.0 0.0 0.0 0.0 0.23

SUBJECT NO. = 222 PIRT = 0.70

1 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 1 1 1 1 1 0 1 1 0 0
1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1
0 0 0 1 1 0 0 0 0 1 0 1 0 0 1 1 1 0 1 1 0 0 1 0 0 1 1 1 1 0
0.0 0.0 0.46 0.46 0.23 0.0 0.46 0.23 0.0 0.0 0.23 0.23
0.0 0.0 0.0 0.0 0.0 0.23 0.23 0.23 0.0 0.46 0.0 0.23
0.23 0.23 0.23 0.0 0.23 0.23

SUBJECT NO. = 223 PIRT = 1.39

1 1 1 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 0 1 1 1 0 0 1 0 1 1 1 0
1 1 1 1 0 0 1 1 1 1 0 1 0 1 1 0 0 0 0 0 0 1 0 0 1 0 0 0 1 1 1
1 0 0 1 0 0 0 1 1 1 1 1 0 0 1 0 0 0 1 1 0 1 1 1 1 0 1 1 0 1
1.39 0.0 0.23 0.70 0.23 0.46 0.23 0.93 0.23 0.23 0.0 0.46
0.70 0.23 0.0 0.46 0.0 0.23 0.23 0.46 0.93 0.70 0.46 0.46
0.23 0.23 0.0 0.46 0.46 0.0

SUBJECT NO. = 224 PIRT = 0.70

1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 0
0 1 1 1 1 1 0 0 1 1 0 1 0 0 1 0 1 0 1 1 1 1 0 1 1 1 0 1 1 0
0 1 1 0 1 1 0 1 1 0 1 1 0 1 0 0 1 0 1 1 0 1 1 0 1 1 1 1 1 0
0.0 0.23 0.23 0.46 1.39 0.0 0.70 0.46 0.46 0.0 0.46 0.46
0.23 0.46 0.23 0.46 0.46 0.46 0.46 0.93 1.39 0.23 0.70 0.23
0.23 0.23 0.23 0.46 0.23 0.0

SUBJECT NO. = 225 PIRT = 3.25

1 1 1 0 0 1 1 1 1 1 1 1 0 0 0 1 0 1 0 1 0 0 1 0 1 1 0 0 0 0
0 1 1 1 1 1 1 1 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 1 0 0 0 0 1 0 0
0 1 0 1 1 1 0 1 0 1 0 1 0 0 0 0 0 1 0 1 0 1 1 0 1 0 1 0 1 1 1
0.46 0.70 0.0 0.23 2.09 0.46 1.63 0.23 0.70 0.23 0.46 0.70
0.0 0.93 0.70 0.46 0.46 1.16 0.0 0.46 0.23 0.23 0.23 0.0
0.0 0.70 0.46 0.46 0.93 0.23

SUBJECT NO. = 226 PIRT = 3.25

1 1 1 0 0 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 0
1 1 1 1 1 0 1 1 0 0 0 0 1 1 0 0 0 1 1 0 1 0 0 0 0 0 0 1 1 1
0 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1
0.0 1.39 0.23 0.70 0.70 0.0 0.93 0.0 0.93 0.23 0.0 0.70
0.46 0.23 0.46 0.46 0.23 0.23 0.46 0.70 0.0 0.23 0.46 0.0
0.0 0.0 0.23 0.23 0.0 0.23

SUBJECT NO. = 227 PIRT = 2.79

1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 1 1 1 1 0 1 1 1 1 1 0 1 0 1 1
1 0 1 1 0 0 0 0 0 0 1 1 0 1 0 1 0 1 0 1 0 0 0 1 0 0 0 1 0 1 1 0
1 1 0 0 1 0 1 1 1 1 1 1 0 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1
0.23 1.39 0.23 0.70 0.0 0.0 0.0 0.46 0.23 0.23 0.23 0.70
0.70 0.0 0.23 1.16 0.0 0.23 0.46 1.16 0.70 0.0 0.93 0.23

0.0 0.70 0.23 0.93 0.23 0.23
SUBJECT NO. = 228 PIRT = 2.56
1 1 1 1 1 1 1 1 1 0 0 1 0 0 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1
0 1 1 1 0 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 1 1 0 1
1 0 0 0 0 1 1 0 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1
0.93 0.23 0.23 0.23 0.23 0.46 0.23 0.0 0.23 0.70 0.46 0.70
0.23 0.0 0.23 0.46 0.46 0.70 0.46 0.23 0.93 0.70 0.93 0.46
0.70 0.0 0.46 0.23 0.70 0.70
SUBJECT NO. = 229 PIRT = 2.09
1 0 1 0 1 0 1 1 1 0 0 1 0 0 0 1 1 1 0 0 1 1 1 1 1 0 1 1 1 1
1 1 1 1 0 0 0 1 0 0 0 1 0 1 1 0 0 1 1 1 1 0 0 0 0 1 1 0 0 0
1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 0 1 1 1
0.23 0.70 0.0 0.23 0.46 0.46 0.23 0.23 0.93 0.0 0.23 0.46
0.46 0.70 0.23 0.23 0.93 0.70 0.0 0.93 0.93 0.46 0.93 0.23
0.23 0.46 0.70 0.46 0.93 0.23
SUBJECT NO. = 230 PIRT = 11.16
1 1 1 0 1 1 1 1 1 1 0 1 0 1 0 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1
1 1 1 1 0 1 1 0 0 0 0 0 0 0 1 1 1 0 1 1 1 1 0 1 0 0 0 0 0 1 1
1 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1.39 0.93 0.70 1.63 0.23 0.70 0.70 0.0 0.23 0.93 0.23 2.09
1.16 1.39 0.46 0.46 0.70 0.93 0.93 0.93 1.39 1.63 1.39 0.93
0.93 1.39 1.39 2.09 1.39 1.39
SUBJECT NO. = 231 PIRT = 2.32
1 1 1 1 0 1 1 1 0 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 0 1 1 1 0 1 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0 1 0 0 0 1 1 1
1 1 0 1 0 1 1 0 1 1 1 1 1 0 1 1 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0
0.0 0.23 0.46 0.70 0.46 0.46 0.70 0.93 0.23 0.46 0.23 0.0
0.93 0.23 0.23 0.46 0.93 0.70 0.23 0.23 0.0 0.93 0.23 0.46
0.0 0.23 0.23 0.46 0.70 0.46
SUBJECT NO. = 232 PIRT = 2.32
1 1 1 1 0 1 1 0 1 0 0 1 0 1 0 1 1 1 1 1 1 0 0 1 1 0 0 1 0 0 0
0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 1 1 1
0 1 0 0 0 0 1 0 1 0 0 0 1 0 0 0 1 0 1 0 1 1 1 0 0 0 0 0 0 0 0
0.23 0.0 0.0 0.23 0.0 0.0 0.0 0.23 0.23 0.23 0.0 0.23
0.23 0.23 0.0 0.23 0.46 0.23 0.23 0.0 0.46 0.23 0.23 0.0
0.0 0.0 0.0 0.23 0.23 0.0
SUBJECT NO. = 233 PIRT = 4.65
1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 0 1 1
0 1 1 1 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 1 1
0 0 0 1 1 0 1 1 1 1 1 1 1 0 0 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1
1.16 1.63 0.70 1.39 0.70 0.70 0.70 0.93 0.70 0.23 0.93 0.46
0.23 1.16 0.46 0.93 0.70 0.0 1.16 0.23 0.46 1.39 0.70 0.46
0.23 0.0 0.23 0.70 0.70 1.39
SUBJECT NO. = 234 PIRT = 3.49
1 1 1 0 0 1 0 1 1 1 1 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 0 0
1 1 1 1 0 1 1 1 1 0 1 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 1 1 1 0 1
1 0 0 1 1 1 1 0 1 1 1 1 0 0 1 1 1 0 1 0 0 1 1 0 1 1 1 1 1 1
0.70 0.46 0.0 1.16 1.39 0.46 0.70 0.70 1.16 0.0 0.70 0.23

0.0 0.70 0.70 0.70 1.16 1.86 1.16 1.16 1.39 2.09 1.86 0.70
0.93 0.93 0.46 0.93 0.93 1.16
SUBJECT NO. = 235 PIRT = 1.39
1 0 0 1 1 1 1 0 1 1 0 1 0 0 1 1 0 1 0 1 1 1 1 1 1 0 1 1 0 0
0 1 1 1 1 0 1 0 1 1 1 1 0 1 0 0 0 0 1 1 0 1 0 0 0 1 0 1 1 1
1 0 0 1 1 0 1 0 1 1 1 1 0 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1
0.46 0.23 0.0 0.46 1.16 1.63 1.16 0.93 1.16 0.23 0.70 0.23
0.0 0.70 0.70 0.70 0.70 1.63 1.39 0.23 0.93 0.46 0.70 0.23
0.46 0.93 0.93 0.46 1.16 0.70
SUBJECT NO. = 236 PIRT = 1.86
1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1 1 1 1 1 0 1 0 0 0
0 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 0 0 0 0 0
1 1 0 0 0 1 1 1 1 1 1 1 1 0 0 1 0 1 0 1 1 1 1 1 1 0 1 1 0 1 1 1
0.23 0.70 0.23 0.23 0.0 0.23 0.0 0.46 0.70 0.23 0.23 0.23
0.23 0.70 0.93 0.23 0.70 0.70 0.23 0.46 0.46 0.0 0.70 0.0
0.0 0.0 0.0 0.0 0.23 0.46
SUBJECT NO. = 237 PIRT = 8.37
1 1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 0 0 1 1 1 1 0 1 1 0 1
1 1 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1
0 1 1 0 1 0 1 1 1 0 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1.63 0.46 0.23 0.93 1.39 0.46 0.46 0.23 0.46 3.02 0.0 0.93
1.16 0.70 0.46 0.23 1.86 0.46 1.63 0.93 1.63 1.39 1.16 1.86
0.46 1.86 1.86 1.16 0.23 0.70
SUBJECT NO. = 238 PIRT = 5.35
1 1 0 1 1 0 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 1 1 1 1 0 1 1 0 0
1 1 1 1 0 0 0 0 0 1 0 0 1 0 0 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0
0 0 0 0 0 1 1 0 0 1 1 0 0 0 1 1 1 1 1 1 0 0 1 0 1 1 1 1 1 1
0.46 0.46 0.0 0.23 0.0 0.0 0.23 0.70 0.46 0.23 0.46 0.70
1.16 0.0 0.0 0.0 0.0 0.23 0.23 0.70 0.46 0.0 0.70 0.23
0.23 0.23 0.23 0.46 0.0 0.93
SUBJECT NO. = 239 PIRT = 2.56
1 1 1 0 1 0 1 1 1 1 1 1 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 0 1
1 0 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
0 0 0 0 1 1 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0
0.23 0.23 0.0 0.23 0.70 0.70 0.46 0.70 0.23 0.23 0.23 0.70
0.0 0.70 0.23 0.93 0.46 0.46 1.16 0.46 0.46 0.23 0.0 0.23
1.39 0.23 0.46 0.0 0.0 0.23
SUBJECT NO. = 240 PIRT = 6.04
1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 0 0 1
1 1 1 1 1 0 1 1 1 1 1 1 0 0 1 1 0 1 0 1 0 0 0 1 0 1 1 0 1 1
1 0 0 1 0 1 1 1 1 1 1 1 0 0 1 0 1 1 0 1 0 1 1 1 1 1 1 1 1 1
0.70 1.63 0.23 1.39 0.23 0.46 1.63 0.93 1.63 0.23 0.0 0.23
0.70 0.93 0.23 0.23 0.23 0.93 0.46 1.16 0.93 0.46 1.16 0.0
0.0 0.0 0.70 0.23 0.23 0.70
SUBJECT NO. = 241 PIRT = 1.63
1 1 1 0 1 1 0 1 1 1 1 0 0 0 1 0 0 1 1 1 1 1 1 1 1 0 1 0 1 0
1 1 0 1 0 1 1 1 0 1 0 0 0 0 0 1 0 1 0 0 0 1 1 0 0 0 0 0 0 0
1 1 1 0 1 0 0 1 0 1 1 1 0 1 1 0 1 0 1 0 0 1 1 0 1 1 1 1 1 1

0.23 0.46 0.0 0.70 0.0 0.23 0.23 0.46 0.70 0.23 0.0 0.0
0.23 0.23 0.23 0.0 0.23 0.70 0.23 0.23 0.46 0.0 0.46 0.23
0.0 0.0 0.23 0.23 0.23 0.23

SUBJECT NO. = 242 PIRT = 3.49

1 1 1 1 1 0 1 0 1 0 0 0 0 0 1 1 1 1 1 1 1 1 0 1 0 1 0 1 1
1 1 0 1 1 1 1 0 0 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1
1 1 1 1 0 0 0 0 1 1 0 0 1 0 1 1 0 0 1 1 0 1 1 0 1 1 0 1 1 1
0.70 0.0 0.23 0.46 0.0 1.16 1.16 0.23 0.0 0.70 0.23 0.70
0.93 0.23 0.23 0.23 0.46 0.23 0.0 0.70 1.16 0.23 0.0 0.23
0.70 0.70 0.70 0.46 0.23 0.0

SUBJECT NO. = 243 PIRT = 2.56

1 1 1 0 1 1 1 1 1 1 0 1 0 0 1 1 1 1 0 1 0 1 0 1 1 0 1 1 0 1
1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 1
0 1 0 1 1 0 0 0 1 1 1 1 0 0 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1
0.0 1.16 0.46 0.93 0.70 0.46 0.46 0.0 0.93 0.0 0.23 0.70
0.0 0.23 0.23 0.23 0.0 0.46 0.0 0.70 0.23 0.23 0.46 0.23
0.0 0.46 0.23 0.23 0.23 0.46

SUBJECT NO. = 244 PIRT = 2.56

1 1 1 0 0 0 1 1 0 1 1 0 0 0 0 1 0 0 0 1 0 0 1 1 1 0 1 1 0 0
0 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
0 1 0 0 1 1 1 1 1 0 1 0 0 0 1 0 0 0 1 1 0 1 1 0 1 1 0 1 0 1
0.0 0.23 0.23 0.70 0.23 0.0 0.46 0.46 0.23 0.46 0.0 0.0
0.0 0.0 0.46 0.70 0.70 0.0 0.23 0.23 0.23 0.0 0.46 0.70
0.23 0.46 0.46 0.0 0.46 0.23

SUBJECT NO. = 245 PIRT = 6.28

1 1 1 0 1 1 1 1 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1 1 1 0 1 0 1 0
0 1 0 1 1 0 1 0 1 1 1 1 1 0 0 0 0 1 0 0 0 0 1 0 0 0 1 1 1 0 0
0 1 0 1 0 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 0 1 0 0
0.93 1.39 0.23 0.70 0.70 1.63 0.0 0.70 0.0 0.0 0.23 0.46
0.46 2.09 0.46 0.23 0.93 0.70 0.46 1.63 0.93 0.93 1.63 0.23
0.93 0.70 0.46 0.70 0.46 2.09

SUBJECT NO. = 246 PIRT = 3.02

1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 0 1 1 1 1 0 1 0 1 0
0 1 1 1 0 1 1 1 1 1 0 1 0 0 1 1 0 0 0 1 0 0 1 0 0 1 0 0 1 1 1
0 1 1 1 0 0 0 0 1 1 0 1 0 0 0 0 0 1 0 1 1 0 0 1 0 1 1 1 1 1 0
0.70 0.46 1.39 0.70 0.23 0.23 0.70 0.70 0.70 1.63 1.39 0.23
0.23 0.0 0.70 0.23 0.70 1.16 0.93 0.46 0.70 0.93 0.23 0.23
0.46 0.46 0.23 0.70 0.70 0.0

SUBJECT NO. = 247 PIRT = 0.0

1 1 1 1 1 0 1 1 0 1 1 1 0 0 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 0
1 1 1 1 0 1 1 0 1 1 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 1 1 0 0 1
1 1 0 1 1 0 1 1 1 0 1 1 0 0 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1
0.0 0.0 0.23 0.0 0.46 0.23 1.86 0.70 0.93 0.0 0.70 0.23
0.23 0.23 0.23 0.0 0.46 0.46 0.0 0.70 0.46 0.0 0.0 0.0
0.0 0.0 0.23 0.23 0.23 0.46

SUBJECT NO. = 248 PIRT = 3.49

1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1
1 0 1 1 0 1 1 0 1 0 0 0 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1 0

1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1
0.23 0.70 0.46 0.46 0.0 0.0 0.0 0.0 0.23 0.23 0.0 0.0
0.23 0.23 0.46 0.70 0.46 0.46 0.70 0.23 0.0 0.0 0.23 0.46
0.23 0.70 0.0 0.46 0.93 0.23

SUBJECT NO. = 249 PIRT = 2.56

1 1 1 0 1 0 1 1 0 1 0 1 1 0 0 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1
0 0 1 1 1 1 0 0 1 1 0 0 0 1 0 0 1 1 1 1 0 1 0 0 0 1 0 1 1 0
1 1 0 0 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
0.46 0.46 0.23 0.46 0.23 0.46 0.70 0.23 0.93 0.23 0.23 0.0
0.23 0.0 0.0 0.0 0.0 0.23 0.0 0.46 0.46 0.70 0.0 0.0
0.0 0.0 0.23 0.23 0.23 0.0

SUBJECT NO. = 250 PIRT = 0.23

1 1 1 0 0 0 1 1 1 1 1 1 0 0 0 0 0 1 0 0 1 1 0 1 1 0 1 0 1 1
1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0 1 0 0 0 1 0 1 1 0 0 0 1 0
1 0 0 0 1 0 1 0 0 1 1 1 0 0 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1
0.0 0.23 0.0 0.0 0.46 0.23 0.70 0.23 0.23 0.0 0.0 0.23
0.0 0.46 0.0 0.0 0.46 0.23 0.0 0.0 0.46 0.0 0.23 0.46
0.23 0.70 0.0 0.46 0.93 0.23

SUBJECT NO. = 251 PIRT = 1.33

1 1 1 0 0 1 1 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0
1 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 1 0 0 0 0 0 1 0 0 0 0 1 1
0 0 1 1 1 1 1 0 1 1 0 0 0 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 1 0
0.0 1.00 0.0 1.67 1.33 0.0 0.33 0.33 1.67 0.0 0.0 0.0
0.0 0.0 0.33 0.0 0.0 0.67 0.33 0.0 0.33 0.0 1.00 0.0
0.0 0.0 0.0 0.33 0.33 0.0

SUBJECT NO. = 252 PIRT = 0.0

1 1 1 0 0 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0
0 0 1 1 1 1 1 0 0 0 1 0 0 1 0 0 0 1 1 0 1 C 1 0 0 0 0 1 1 1
0 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0
0.33 0.33 0.67 0.67 0.0 0.33 0.67 0.33 0.67 0.67 0.33 0.33
0.0 0.0 0.33 0.33 0.33 1.00 0.67 0.67 0.33 0.0 0.0 0.0
0.0 0.0 0.0 0.0 1.00 0.0

SUBJECT NO. = 253 PIRT = 2.67

1 1 1 0 0 0 1 1 0 1 1 1 0 0 0 1 0 1 1 1 1 1 1 1 1 0 0 0 1 1
0 1 1 1 1 0 1 0 0 1 1 0 1 1 0 0 0 1 1 0 1 0 1 0 0 0 0 1 1 1
C 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0.33 0.0 0.33 0.67 0.67 0.0 0.0 0.33 0.67 0.0 0.0 0.67
1.00 0.0 0.0 0.33 0.33 0.67 0.0 0.33 0.67 0.33 0.33 0.0
0.33 0.0 0.33 0.0 0.0 0.33

SUBJECT NO. = 254 PIRT = 0.0

1 1 0 0 1 0 1 1 1 1 1 1 1 0 0 1 0 1 1 0 0 1 0 0 1 1 0 1 1 1
0 1 1 1 1 0 1 0 0 1 1 0 0 0 0 0 0 1 0 1 1 0 0 1 0 0 0 1 0 1 0
0 0 0 0 1 1 0 0 0 1 1 1 0 0 1 0 1 1 1 1 0 1 1 0 1 1 1 1 1 1
0.33 1.00 0.0 1.00 0.0 0.0 0.67 0.33 0.33 0.0 0.0 0.0
0.67 0.0 0.0 0.33 0.67 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.33 0.0 0.0 0.33 0.0

SUBJECT NO. = 255 PIRT = 3.00

1 1 1 0 0 1 1 1 0 1 0 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 0

0 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 0 0 0 0 1 0 0 1 0 0 1 1 1 1
0 1 0 1 1 1 0 0 0 1 1 1 0 1 1 1 0 1 0 1 1 1 0 1 0 1 0 1 1 1
0.67 1.00 0.0 2.33 1.00 1.33 2.33 0.33 1.33 0.0 0.0 0.33
0.0 0.67 0.0 0.0 0.67 1.33 0.67 0.0 0.67 0.33 0.33 0.33
0.0 0.0 0.33 0.33 0.67 0.33
SUBJECT NO. = 256 PIRT = 3.00
1 1 1 0 0 0 0 1 1 1 0 1 0 0 0 1 0 1 1 1 0 0 1 1 1 0 1 1 0 0
0 1 1 1 0 1 1 1 1 1 1 1 0 0 0 1 1 0 0 0 0 0 1 1 1 0 0 1 1 0 1 0
1 1 1 0 1 1 1 1 1 1 1 1 1 0 0 1 0 1 0 1 0 1 1 1 1 1 1 0 1 1 1 1 1
0.0 0.33 1.00 0.67 0.0 1.00 0.0 0.0 1.00 0.0 0.33 0.67
0.0 0.0 1.00 0.33 1.00 0.33 0.0 1.00 0.33 1.00 1.00 0.0
0.67 0.67 0.0 0.33 0.33 0.0
SUBJECT NO. = 257 PIRT = 1.00
1 1 1 1 1 0 0 1 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 1 1 1 1 0 1 1 0 0 1 0 0 0 1 1 1 1 1 0 1 0 1 1 1 1 1 1 0 1 1
1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1
0.33 0.67 0.0 0.0 0.33 0.0 1.67 1.00 1.00 0.0 0.0 0.0
0.0 0.0 0.33 0.0 1.00 1.67 0.33 0.0 0.0 0.0 0.33 0.0
0.0 0.33 0.0 0.67 0.0 0.33
SUBJECT NO. = 258 PIRT = 0.33
1 1 1 1 0 0 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 1 1 0 0 1 1 1 0 0 0 0 1 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 1 1
1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 0 1 1 0 1 1 1 1 1 0 1 0 1 1 0
0.33 0.0 0.0 0.0 0.0 0.67 0.0 0.67 0.67 1.00 0.0 0.33
0.67 0.67 0.67 1.33 0.0 0.0 1.00 1.67 0.67 0.0 0.67 0.33
0.67 1.33 0.67 2.00 0.33 0.67
SUBJECT NO. = 259 PIRT = 4.33
1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 0 0 1 0 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 1 1 0 1 1 1 0 1 0 0 0 0 1 0 0 0 1 0 0 1 0 1 1 0 0
1 1 0 0 0 0 0 0 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1
1.00 0.33 0.33 1.33 0.0 0.67 0.33 0.33 0.33 0.0 0.0 0.33
0.67 0.33 0.33 0.67 0.0 1.00 1.00 0.67 0.33 0.0 0.67 0.33
0.33 0.0 0.33 0.67 0.0 0.33
SUBJECT NO. = 260 PIRT = 2.00
1 1 0 1 0 1 1 0 1 1 1 1 0 0 0 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 0
0 1 1 1 0 0 1 0 0 1 0 1 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1
0 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1
0.33 0.0 0.33 0.33 3.67 0.67 0.67 0.67 0.67 0.0 0.0 0.67
0.0 1.00 0.0 0.0 1.33 1.67 1.00 0.33 0.33 0.0 0.33 0.33
0.33 0.0 0.0 0.67 0.33 0.0
SUBJECT NO. = 261 PIRT = 10.00
1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 0 0 1 1 0 1 1 1 1 1 1 0 1 0 1 1
0 1 1 1 1 1 0 1 1 1 1 1 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 1 1 1
0 1 1 0 0 0 1 1 0 1 1 1 1 1 1 0 1 1 0 1 1 0 1 1 1 1 1 0 1 1 1 1
0.0 0.33 1.33 0.0 0.0 0.33 0.33 0.33 0.0 0.0 0.0 1.33
1.33 0.67 1.33 2.00 0.67 1.00 0.67 1.33 1.00 1.33 1.67 3.00
0.67 0.67 0.67 1.00 0.0 0.67
SUBJECT NO. = 262 PIRT = 11.00

```
1 1 1 0 1 1 1 1 1 0 1 1 1 0 0 0 0 1 1 1 1 1 1 1 0 1 0 1 0 1 1
1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 0 0 0 1 0 0 0 0 1 0 0 1 0 0
1 1 1 1 0 0 0 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
3.00 1.00 3.67 1.33 0.67 1.33 0.33 1.33 1.33 3.67 6.33 2.67
2.00 2.00 1.67 5.33 3.00 1.67 1.00 1.67 1.00 3.33 1.33 2.33
3.00 2.67 4.33 3.33 2.00 1.33
SUBJECT NO. = 263        PIRT = 10.33
1 1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 0 0 0 1 1
0 1 1 1 1 0 1 0 0 0 1 0 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1
0 1 0 1 0 0 0 0 1 1 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 1 0
0.67 0.67 0.67 1.33 2.00 1.33 1.00 2.33 2.33 1.00 0.0 1.33
0.0 1.67 1.33 1.00 1.33 1.33 1.00 0.67 2.33 0.67 1.33 0.0
0.67 0.67 0.0 1.33 1.67 1.00
SUBJECT NO. = 264        PIRT = 0.67
1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0
1 0 1 1 1 1 1 1 1 0 1 1 1 1 0 0 0 1 0 0 1 0 1 0 0 1 1 0 1 0
0 1 1 0 0 0 6 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0.67 0.0 0.0 0.0 0.0 0.67 0.0 0.0 0.67 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0
SUBJECT NO. = 265        PIRT = 5.33
1 1 0 0 0 1 1 0 1 1 1 1 0 0 0 1 0 1 0 0 0 1 1 1 0 0 1 1 0 0
0 1 1 0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 1 0
0 1 0 0 1 0 1 0 1 1 0 1 1 0 1 0 1 0 0 0 1 0 1 0 1 1 0 1 1 1
0.67 0.67 0.0 0.67 1.00 0.0 0.0 2.67 0.67 0.0 0.0 1.33
1.67 0.0 1.00 0.67 0.0 1.00 0.67 0.67 1.00 1.67 2.00 0.0
0.0 0.0 1.00 0.0 0.67 0.67
SUBJECT NO. = 266        PIRT = 2.00
1 1 1 0 0 1 1 1 1 1 1 1 0 0 0 1 0 1 1 0 1 1 1 1 1 0 1 0 1 1
0 1 1 1 0 1 1 1 0 1 0 1 0 0 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0
0 1 0 0 0 1 0 0 1 1 1 0 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.67 0.0 0.0 0.0
0.67 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.67 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0
SUBJECT NO. = 267        PIRT = 2.67
1 0 1 0 0 0 1 1 1 1 0 1 0 1 0 1 0 1 0 1 1 1 1 1 1 0 1 0 1 1
0 0 0 1 1 0 1 1 1 0 0 0 1 1 0 1 1 0 0 0 1 1 0 0 0 1 1 1 1 0
0 1 0 0 0 1 1 0 1 1 1 1 0 0 1 0 1 0 1 1 0 0 1 0 1 1 1 1 1 1
0.0 1.00 0.0 0.67 0.67 1.00 0.0 0.0 0.67 0.67 0.0 1.00
0.67 0.0 0.0 0.0 0.67 0.0 1.67 0.67 0.0 0.67 1.00 0.0
0.0 1.33 0.0 0.0 0.67 1.33
SUBJECT NO. = 268        PIRT = 2.00
0 0 1 0 1 0 1 1 1 0 1 0 0 1 0 0 0 0 0 1 1 1 1 1 1 0 1 1 1 0
1 1 0 1 0 0 1 0 0 1 1 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 1
0 0 0 0 0 1 1 0 1 0 1 0 0 0 1 0 0 0 1 0 1 1 1 0 0 1 1 1 1 0
0.0 1.00 0.0 0.0 1.33 0.67 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 2.33 1.33 0.0 1.33 0.67 0.67 1.00 0.0
0.0 0.0 0.0 0.0 0.0 0.0
```

SUBJECT NO. = 269 PIRT = 11.67

1 1 1 0 0 0 0 1 1 1 1 1 0 1 1 0 0 1 1 1 0 1 0 1 1 0 1 1 1 0
0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0
0 1 0 1 1 0 1 1 1 1 0 1 0 1 1 1 1 0 1 1 0 1 1 0 1 1 1 1 1 1
1.33 1.00 1.33 1.00 1.33 2.33 2.00 1.00 1.00 1.33 2.00 2.67
1.33 3.00 1.67 0.0 1.33 1.00 0.0 2.00 1.67 1.67 2.00 1.67
2.00 2.33 3.00 1.00 2.00 2.33

SUBJECT NO. = 270 PIRT = 32.00

1 0 1 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 0 1 1 0 0 1 1
0 1 1 1 1 1 1 1 1 1 0 1 0 1 1 0 0 0 0 1 1 0 1 1 0 0 1 0 0 0 0
1 0 0 1 0 0 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 0 0 0 1 1 1 1
5.67 4.3310.67 1.67 1.67 6.33 1.00 3.00 3.33 9.33 9.67 6.67
6.00 8.00 4.00 7.33 4.33 3.67 6.67 5.33 4.00 6.67 4.6710.67
8.00 8.00 8.00 7.67 3.67 5.33

SUBJECT NO. = 271 PIRT = 8.00

1 1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 0 0 1 1 1 0 1 1 1 1 1 0 1 0 0 1
0 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 1 1 0 1 1 0 0 0 0 0 0 0 1 0
0 1 0 0 0 1 1 1 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0
1.33 1.67 2.00 0.67 1.67 1.67 0.67 0.67 1.33 2.33 1.33 0.67
0.0 2.67 2.33 0.67 1.33 1.67 1.33 1.33 2.00 2.67 1.00 2.33
3.33 3.67 5.00 3.00 2.00 1.33

SUBJECT NO. = 272 PIRT = 1.33

1 0 1 1 1 0 1 1 1 1 0 1 0 0 0 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
0 1 1 1 1 0 0 1 1 0 1 0 0 0 0 0 1 1 0 1 1 1 1 1 0 0 1 1 1 0 1 1 0
1 1 1 0 1 0 0 1 0 1 0 1 0 1 1 0 1 0 1 1 1 1 0 1 1 1 1 1 1 0 0 0
0.0 0.0 0.0 1.00 0.0 0.0 0.0 0.0 0.67 0.0 0.0 0.0
0.67 0.0 0.0 1.33 0.0 0.0 0.0 0.67 1.00 0.67 0.67 1.67
0.0 0.67 0.67 0.0 1.00 0.0

SUBJECT NO. = 273 PIRT = 12.67

1 1 1 1 0 1 0 1 1 0 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1
0 1 0 1 1 1 1 1 0 1 1 1 0 0 1 0 0 1 1 0 0 1 0 0 1 1 0 0 1 0 0
1 1 1 0 0 1 1 0 1 0 1 0 0 0 0 1 0 1 0 1 0 1 1 0 1 1 0 1 0 1 1
0.67 3.33 1.00 2.67 0.0 1.33 3.67 1.67 3.67 0.0 0.0 0.0
1.00 1.00 1.67 0.0 1.67 0.67 1.00 3.33 1.33 1.33 3.33 0.0
0.0 1.33 1.67 0.0 1.33 2.67

SUBJECT NO. = 274 PIRT = 4.00

1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0
0 1 1 1 1 1 1 1 0 0 0 1 1 0 0 0 1 0 1 0 0 0 0 0 1 0 0 0 1 1 0
0 0 1 0 0 1 1 0 1 1 1 1 1 0 1 1 1 0 0 1 0 0 1 1 0 1 1 1 1 1 1
0.0 1.67 0.0 1.00 0.0 0.0 1.00 1.00 0.67 0.67 0.0 0.67
1.33 0.0 0.0 1.00 1.00 1.67 1.00 0.67 0.67 0.67 0.67 1.00
0.67 0.0 0.0 0.0 0.0 2.00

SUBJECT NO. = 275 PIRT = 1.33

1 1 1 0 1 1 1 1 1 1 1 0 0 0 0 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1
0 1 1 1 0 1 1 0 1 0 0 0 0 1 0 0 0 0 0 1 0 1 0 0 0 0 1 1 0 0
1 0 1 0 0 0 0 0 1 1 1 0 0 0 1 1 1 0 1 1 0 1 1 0 1 1 1 1 0 1
1.00 0.0 1.67 0.0 1.33 2.00 1.00 0.67 0.0 0.67 0.0 0.0
1.33 0.67 0.67 0.0 1.00 0.0 1.33 0.67 0.0 0.0 0.0 0.67

0.0 0.0 0.0 0.0 1.00 0.0
SUBJECT NO. = 276 PIRT = 3.33
1 1 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 1 0 1 1 1 1 1 1 0 1 1 1 1
0 0 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
0 1 0 0 1 0 0 1 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1
0.33 0.33 0.67 1.00 0.67 0.33 1.67 2.33 0.33 0.0 0.0 0.67
1.00 0.67 1.33 0.0 0.33 0.67 1.00 0.67 1.00 0.67 0.33 0.67
0.0 1.00 0.67 0.33 0.0 0.33
SUBJECT NO. = 277 PIRT = 2.67
1 1 1 0 0 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1
1 1 1 1 0 0 1 1 0 1 1 0 1 1 0 0 0 0 0 0 1 1 1 0 0 0 1 0 1 1
1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1 0 1 1 0 0 1 1 1 1 1 1 1
0.33 1.33 1.00 1.33 0.33 0.0 0.67 0.0 0.67 1.00 0.67 1.00
1.00 1.00 1.00 0.0 0.0 0.67 0.67 1.00 0.67 1.00 1.00 0.33
2.00 0.33 0.0 1.33 0.67 0.67
SUBJECT NO. = 278 PIRT = 10.33
1 1 0 1 0 1 1 1 0 0 0 1 1 0 1 0 0 1 1 1 1 1 1 0 1 0 1 1 1 0
1 1 1 1 1 1 0 1 0 1 0 0 1 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0
1 1 0 0 0 1 0 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0
1.67 2.33 1.00 2.67 7.00 2.33 4.00 3.33 4.00 1.33 1.33 1.33
2.00 1.33 2.00 2.33 5.33 4.33 1.67 3.33 2.67 1.67 3.00 1.00
2.33 1.00 2.33 1.00 2.67 2.33
SUBJECT NO. = 279 PIRT = 19.33
1 0 0 0 0 1 1 1 0 0 1 1 0 0 0 0 1 1 1 1 0 1 1 1 0 0 1 0 0 0
0 1 1 1 1 0 0 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0
0 1 0 0 0 1 1 0 1 1 0 0 0 0 1 0 0 1 0 1 1 1 0 1 1 1 1 1 1 1
5.00 2.67 6.00 2.00 0.33 2.67 0.33 1.33 0.67 1.67 5.00 4.33
2.33 4.33 2.33 4.00 2.33 1.67 3.33 1.33 2.00 3.33 1.00 5.00
4.33 2.33 1.67 3.33 3.00 0.67
SUBJECT NO. = 280 PIRT = 1.00
1 1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 0 1 0 1 0 0 0
0 1 1 1 1 0 1 1 1 1 1 1 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1
1 1 0 0 0 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1
0.0 0.67 0.33 0.33 0.0 0.0 0.67 0.67 0.67 1.67 1.67 0.0
0.0 0.0 0.0 0.0 0.33 0.0 0.0 0.33 0.67 0.0 0.0 0.33
0.0 0.0 0.0 0.0 0.0 0.0
SUBJECT NO. = 281 PIRT = 5.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 0 1 1 1 0 1 0 1 0 1 1
0 1 1 0 1 1 1 1 1 1 0 1 1 0 1 1 0 1 0 0 1 0 0 1 0 1 0 1 0 1 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1 1 0 0 1 1 1 1 1 0 1 1
0.67 1.00 0.33 0.67 2.67 0.33 2.00 0.0 0.0 0.67 0.67 2.33
2.33 2.33 2.33 1.33 3.00 0.67 1.33 0.0 1.00 0.33 0.0 0.0
2.33 1.00 1.00 0.33 0.67 1.33
SUBJECT NO. = 282 PIRT = 1.33
1 1 0 0 1 0 1 1 1 1 1 1 0 1 0 1 0 0 1 1 1 1 1 1 0 1 0 1 0 1 1
0 0 0 1 0 1 1 1 1 1 0 0 0 0 1 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0
0 0 0 0 1 1 1 1 1 1 1 0 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1
0.0 0.0 0.0 0.0 0.0 0.33 0.0 0.33 0.0 0.0 0.0 0.0

0.33 0.0 0.33 0.67 0.0 0.33 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.33

SUBJECT NO. = 283 PIRT = 2.67

0 1 1 1 0 1 1 1 1 0 1 1 1 0 1 1 0 1 0 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 1 1 1 1 0 0 1 1 0 0 1 1 1 0 0 0 0 0 0 0 1 0 1 0 0 1 1 1
1 1 1 1 0 1 0 0 1 1 0 1 1 0 1 1 0 0 1 1 0 1 1 1 0 0 1 1 1 1
0.33 0.67 0.0 0.67 1.67 1.33 3.00 1.00 1.67 0.33 0.0 0.0
0.0 0.0 0.0 0.0 0.33 1.00 0.33 0.0 1.00 0.33 0.33 0.0
0.0 0.0 0.33 0.33 0.33 0.0

SUBJECT NO. = 284 PIRT = 20.00

1 1 1 1 1 1 0 1 1 0 0 1 0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1
0 0 1 0 1 0 1 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 0 0 1 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1
3.57 0.71 1.43 3.57 2.86 4.29 2.86 3.57 1.43 1.43 2.14 4.29
0.71 3.57 2.86 0.0 1.43 2.86 1.43 2.14 2.86 3.57 2.14 0.71
2.86 2.86 1.43 2.86 4.29 1.43

SUBJECT NO. = 285 PIRT = 17.14

1 0 0 0 0 1 1 0 0 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 1 1 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0
0 0 0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1
3.57 0.0 2.14 0.71 5.71 4.29 1.43 2.14 1.43 1.43 0.0 1.43
5.71 4.29 2.14 1.43 1.43 3.57 1.43 2.14 2.14 3.57 1.43 4.29
0.0 1.43 3.57 2.14 3.57 0.71

SUBJECT NO. = 286 PIRT = 10.00

1 1 1 0 1 1 1 0 1 0 1 1 1 1 0 0 1 1 1 1 1 0 1 1 1 0 0 0 1 1
0 1 1 1 0 1 0 0 1 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 1 1 0
1 1 1 0 0 0 0 0 1 1 1 1 0 0 1 1 1 0 1 1 0 1 1 1 1 1 0 1 0 1 1
2.14 2.14 0.71 3.57 0.0 0.71 0.0 1.43 1.43 2.14 0.71 2.14
2.14 0.71 0.0 1.43 0.0 0.71 1.43 4.29 2.14 1.43 1.43 0.0
2.14 1.43 0.71 0.0 0.0 1.43

SUBJECT NO. = 287 PIRT = 7.86

0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 0 1 1 0 1 1 1 1 0 1 0 1 0 1 1
0 0 1 0 0 1 0 0 1 1 0 1 0 0 0 0 1 0 1 0 0 0 0 1 0 1 0 0 1 1
1 1 0 0 0 1 1 0 1 1 1 0 0 0 0 1 0 1 1 1 0 1 1 1 1 0 0 1 1 0
0.0 2.86 1.43 0.71 0.0 0.0 0.0 0.0 0.71 0.71 1.43 1.43
0.71 0.71 0.0 2.14 0.71 1.43 0.0 0.0 0.71 2.14 1.43 0.0
2.14 0.0 1.43 0.71 0.71 2.14

SUBJECT NO. = 288 PIRT = 16.43

1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 0 1 1 0 0 1 1 1 1 1 0 1 1 1 1
1 0 1 1 1 1 1 1 1 1 1 1 0 1 0 0 1 0 0 1 0 0 0 0 0 1 1 1 1 1 1 1
1 1 1 1 1 0 0 0 1 1 1 1 0 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1
0.71 1.43 4.29 2.86 0.71 1.43 0.71 2.86 2.14 2.86 5.71 2.86
2.86 1.43 2.14 5.00 2.14 1.43 1.43 2.86 1.43 0.71 2.14 1.43
1.43 5.00 2.14 2.86 2.14 3.57

SUBJECT NO. = 289 PIRT = 4.29

1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 0
0 1 1 0 1 1 1 1 1 1 1 1 0 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 1 1 1
1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 0 1 1 1 1 1 1 1 1

0.71 0.71 0.0 0.0 0.0 1.43 2.14 0.71 0.71 0.0 0.71 0.71
0.71 0.0 0.71 0.71 0.71 0.0 0.71 1.43 0.71 1.43 0.71 0.0
2.14 0.71 0.0 0.71 0.71 0.0

SUBJECT NO. = 290 PIRT = 19.29

1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 0 0 0 0 1 0 0 1 1 0 0
0 0 0 0 1 0 0 0 0 1 1 1 0 1 0 1 0 1 0 0 0 0 0 1 1 1 0 0 0 1 1
1 0 0 1 0 0 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1
7.14 5.71 8.57 2.14 0.71 5.00 0.71 5.00 2.14 8.57 7.86 4.29
5.00 6.43 4.29 5.71 4.29 2.86 7.14 4.29 5.00 5.00 3.57 9.29
7.86 6.43 8.57 8.57 3.57 3.57

SUBJECT NO. = 291 PIRT = 18.57

1 1 1 1 0 0 1 1 1 1 1 1 1 0 0 1 0 1 1 1 1 1 0 0 1 1 1 1 1 1
0 1 1 1 1 1 1 1 1 0 0 1 0 1 1 1 0 0 0 0 1 0 0 0 0 1 1 0 1 0
0 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1 1 1 1 0
3.57 0.71 5.71 2.86 5.71 7.14 5.00 4.29 3.57 5.00 0.71 2.14
2.86 5.71 5.71 2.14 7.14 5.71 3.57 1.43 2.14 5.71 2.86 5.00
2.86 2.86 7.14 6.43 4.29 2.86

SUBJECT NO. = 292 PIRT = 4.29

1 1 1 0 1 1 1 1 0 0 1 0 0 0 0 1 1 1 1 1 1 0 1 0 1 0 1 1 1 1
1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0 0 1 1 0 1 1 0 0 1 0 0 0 1
1 1 1 1 0 0 0 0 1 1 1 1 0 0 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1
0.0 0.0 0.71 0.71 2.14 0.71 0.71 1.43 2.14 1.43 1.43 0.71
0.71 0.71 1.43 2.14 1.43 0.71 0.0 0.0 0.71 0.71 0.71 0.71
0.71 0.71 0.0 0.0 0.71 0.71

SUBJECT NO. = 293 PIRT = 1.43

1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1
1 1 1 1 1 1 1 1 1 0 0 0 1 1 0 1 1 0 1 1 0 1 1 0 0 0 0 0 0 1 0
1 1 1 0 1 1 1 1 1 0 1 1 1 0 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1
1.43 0.0 0.0 0.0 5.00 1.43 1.43 0.0 2.86 0.0 0.71 0.0
0.0 0.0 0.71 0.71 2.86 0.71 0.0 0.71 0.71 0.71 0.71 0.0
0.0 0.71 0.0 0.0 0.71 0.71

SUBJECT NO. = 294 PIRT = 27.86

1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 0 1 0 1 0
0 0 1 0 0 1 1 0 0 0 1 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 1 1
1 0 1 0 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1
2.86 6.43 4.29 4.29 1.43 0.0 3.57 2.86 3.57 4.29 6.43 3.57
1.43 3.57 2.86 7.14 2.14 2.14 4.29 5.71 2.86 2.14 3.57 2.86
4.29 2.86 1.43 3.57 3.57 7.14

SUBJECT NO. = 295 PIRT = 0.71

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 0 1 0 1 0 1 1
1 1 1 1 1 1 1 1 1 1 1 0 0 0 1 0 0 1 0 1 1 0 1 1 1 1 1 0 0 0 1 1
1 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1
0.0 1.43 0.0 2.14 2.14 1.43 5.71 2.86 3.57 0.71 0.0 1.43
1.43 0.71 2.86 0.71 4.29 2.86 1.43 2.14 2.14 1.43 2.86 2.14
1.43 0.71 0.0 0.71 3.57 2.86

SUBJECT NO. = 296 PIRT = 14.29

1 1 1 0 1 0 1 1 1 1 0 0 0 0 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1
0 1 1 1 1 0 0 1 1 0 1 1 1 1 0 0 0 1 0 0 0 0 1 1 0 1 1 0 1 0

```
0 0 1 0 1 1 1 1 1 0 0 0 0 1 1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1
1.43 5.00 0.0  5.00 1.43 0.0  2.14 2.14 2.86 0.0  0.0  3.57
1.43 0.0  2.14 1.43 0.71 2.86 1.43 3.57 3.57 1.43 2.86 0.0
0.0  0.0  0.0  0.0  1.43 0.71
SUBJECT NO. = 297      PIRT =  7.14
1 1 1 1 0 1 1 0 1 1 0 1 0 0 0 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1
0 1 1 1 1 0 1 0 0 0 0 0 0 1 1 1 0 0 1 0 0 1 0 0 1 1 1 1 0 1
1 1 1 1 1 1 1 1 1 0 1 1 0 0 0 1 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0
1.43 2.86 0.0  2.86 1.43 1.43 2.86 1.43 1.43 0.71 0.71 0.0
2.14 0.71 1.43 0.0  0.71 1.43 1.43 0.71 2.14 0.0  2.14 0.71
2.86 1.43 2.14 0.71 1.43 2.86
SUBJECT NO. = 298      PIRT =  9.23
1 1 1 0 1 1 1 1 1 1 1 0 0 1 0 0 1 1 1 1 1 1 0 1 0 1 1 1 0 0 1 0
1 0 1 1 0 0 1 1 0 0 1 1 0 1 0 0 0 1 1 0 0 0 0 1 0 0 1 1 1 1
1 0 0 1 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
1.79 1.28 0.0  0.26 0.77 0.51 0.51 1.54 0.51 0.26 0.26 1.54
1.03 0.77 0.26 1.28 0.77 0.77 0.51 1.79 1.28 1.54 1.79 0.26
1.03 1.03 1.79 1.28 1.03 1.79
SUBJECT NO. = 299      PIRT = 12.05
1 1 0 1 0 0 1 1 1 1 0 1 1 0 0 1 1 1 1 0 1 1 1 1 1 1 1 0 1 0 1 0
0 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 1 1 0 1 0 1 1 1 1 1 1 0 1 1
1 1 1 1 1 0 1 1 0 1 1 1 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
1.28 1.54 3.08 1.79 2.05 2.31 0.77 3.85 1.79 4.10 1.54 2.82
4.10 1.28 4.62 2.31 2.31 3.85 2.31 1.79 2.05 2.82 2.31 2.56
2.56 3.85 2.56 3.85 3.08 2.05
SUBJECT NO. = 300      PIRT =  7.44
1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 0 1 1 0 1 1 1 1 1 0 1 1 0 0 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 0 1 0 1 0 0 1 0 1 1
0 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0.51 1.54 3.33 1.03 4.36 0.77 5.13 2.05 1.54 4.62 4.62 4.10
3.08 0.77 2.05 3.85 3.33 2.82 0.77 0.26 0.51 2.05 1.03 1.54
3.59 1.03 0.26 1.54 2.05 1.54
SUBJECT NO. = 301      PIRT =  1.28
1 0 1 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 0 1 1 1 1 1 1 1 0 1 0 0 0
0 0 1 0 1 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
0 0 0 0 0 0 1 1 0 1 0 1 0 0 0 1 0 0 0 1 0 0 1 0 0 1 1 0 1 1 1
0.0  0.51 0.0  0.51 0.0  0.0  0.0  0.0  0.77 0.26 3.08 0.0
0.0  0.0  0.26 0.0  0.51 0.26 0.77 0.0  0.26 0.77 0.26 0.51
0.26 0.0  0.0  0.0  0.26 0.0
SUBJECT NO. = 302      PIRT = 10.51
1 0 1 1 1 0 1 1 1 1 1 0 1 1 1 1 0 1 1 0 1 1 1 1 0 1 0 1 0 1 1
1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 0 1 0 1 1 1 1 1 0 0 1 0 0
1 1 1 1 1 0 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1
3.59 1.03 4.36 2.56 2.31 2.31 2.31 0.0  0.77 2.56 0.0  0.77
1.03 3.08 0.77 1.54 1.54 1.28 3.59 1.28 1.54 3.85 2.05 4.10
2.56 2.56 3.33 2.82 2.05 1.54
SUBJECT NO. = 303      PIRT =  2.05
1 1 1 0 0 0 1 1 1 1 1 0 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1 0 0 1
```

```
1 0 1 0 0 0 1 0 1 1 1 0 1 0 1 1 0 1 0 1 1 0 1 1 1 0 1 1 1 1
0 1 1 1 1 1 0 1 1 1 1 1 1 0 0 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1
0.26 0.51 0.0  0.26 0.0  0.0  0.0  0.0  0.26 0.0  0.26 0.51
0.0  0.26 0.0  0.26 0.0  0.0  0.0  0.51 0.0  0.0  0.26 0.0
0.26 0.0  0.0  0.0  0.77 0.0
SUBJECT NO. = 304      PIRT =  8.46
1 1 0 0 0 1 1 0 1 1 0 0 0 0 0 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1
0 0 1 1 1 0 1 1 1 1 1 0 1 1 0 1 0 0 1 0 1 1 0 0 0 1 1 0 0 1
1 0 0 0 0 1 1 1 1 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 1 1 0 1 1 1 1
0.77 0.77 0.0  1.54 3.08 2.05 0.77 0.77 0.77 0.0  1.03 0.51
0.26 1.03 1.03 0.0  1.03 0.51 0.0  1.54 1.79 0.26 1.03 0.0
0.26 0.51 1.54 0.26 1.79 0.77
SUBJECT NO. = 305      PIRT =  1.03
0 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 0 0 0 1 1 1 0 1 0 1 1
0 0 1 0 0 1 1 0 1 1 0 0 0 1 1 1 0 0 0 0 1 1 0 0 1 1 0 1 0 1
0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1
0.26 0.26 2.05 0.51 0.26 0.0  1.03 0.0  0.0  2.05 0.0  0.0
0.0  0.0  0.26 1.28 0.77 1.03 0.0  0.0  0.26 0.0  0.0  0.0
0.26 0.51 0.0  0.0  0.51 0.0
SUBJECT NO. = 306      PIRT =  2.56
1 0 1 0 1 0 1 1 1 0 1 0 1 0 1 0 1 0 1 0 1 1 1 0 1 1 1 0 1 1
0 1 1 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 1 0 1 1 1 0 1 1 0 0 0 1
0 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 0 1 1 0 0 1 1 0 0 0 1 1 0 1
0.26 1.28 0.0  0.26 0.0  0.0  0.26 0.0  0.77 0.26 0.0  1.03
0.77 0.51 0.0  0.26 0.26 1.03 0.51 1.03 0.77 0.26 1.28 0.26
0.51 0.0  0.26 0.26 0.51 0.77
SUBJECT NO. = 307      PIRT =  5.13
1 0 1 0 0 1 1 0 1 1 1 0 0 0 0 0 0 1 1 1 0 1 1 1 0 1 0 1 1 1 1
1 1 1 0 0 0 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0 1 0 1 0 0 0 0 0 1
0 0 0 0 0 0 1 0 0 1 1 0 0 1 0 0 0 1 1 1 0 1 0 1 1 1 1 1 1 1 0
1.28 1.54 0.0  2.31 1.79 0.26 1.28 1.03 0.77 1.03 1.79 1.79
1.28 1.03 0.77 0.77 1.03 1.28 1.54 0.51 1.79 1.54 0.77 0.51
1.03 0.51 0.26 1.03 1.03 1.03
SUBJECT NO. = 308      PIRT =  0.77
1 1 0 1 0 1 1 0 1 1 0 1 1 0 0 1 1 1 0 1 1 1 0 1 1 0 0 1 1 0
0 0 0 0 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 1 1 0 0 0 1 0 1 0 1
1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0.26 0.77 0.0  0.77 0.0  0.26 1.79 0.26 0.0  0.0  1.79 0.0
0.26 0.0  0.0  0.51 0.51 0.0  0.0  0.51 0.0  0.0  0.77 0.0
1.28 0.0  0.0  0.0  0.51 1.03
SUBJECT NO. = 309      PIRT = 10.26
1 0 0 1 0 1 1 1 1 0 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 0
1 1 1 1 0 1 1 1 1 1 1 0 0 1 0 1 0 1 0 1 1 0 0 1 0 0 1 1 1 1
1 0 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 0 1 1 0 1 0 1 0 1 1
1.54 0.77 0.51 0.77 2.82 0.26 1.54 0.51 0.26 0.0  0.0  2.05
0.26 0.51 0.26 0.51 0.51 0.26 0.51 1.03 1.03 0.77 1.03 0.0
0.77 0.0  0.0  0.0  1.03 0.51
SUBJECT NO. = 310      PIRT =  1.03
```

0 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1 1 1 1 0 0 0 1 1
1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 0 1 0 1 0 0 1 1 0 0 0 1 1 1 1 1
1 1 1 1 0 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1 1 1 1 1 0 1
0.0 0.26 0.0 0.26 0.0 0.0 0.26 0.26 0.51 0.0 0.0 0.0
0.26 0.0 0.0 0.0 0.0 0.26 0.0 0.26 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.26 0.0

SUBJECT NO. = 311 PIRT = 0.51

1 1 0 0 0 0 1 1 1 1 0 1 0 0 0 1 0 0 1 1 0 1 1 1 0 0 1 1 1 0
0 0 0 1 1 0 1 0 1 1 0 1 0 0 0 0 1 0 0 0 0 1 0 1 0 0 0 1 1 1 1
1 0 0 1 1 0 1 0 0 1 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 1 1 1 1 1
0.0 0.0 0.0 0.26 0.26 0.51 0.26 0.26 1.54 0.0 0.0 0.0
0.26 0.26 0.26 0.26 0.77 0.26 0.0 0.0 0.0 0.0 0.26 0.0
0.0 0.0 0.0 0.0 0.51 0.0

SUBJECT NO. = 312 PIRT = 0.77

1 1 1 0 0 0 1 0 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0
0 0 1 0 1 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1
0 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 0 0 0 1 1 1 1
0.0 0.26 0.26 0.51 0.51 0.51 0.0 0.0 1.54 0.0 0.0 0.26
0.0 0.0 0.0 0.0 0.26 0.26 0.0 0.26 0.51 0.0 0.26 0.0
0.0 0.0 0.0 0.0 0.51 0.0

SUBJECT NO. = 314 PIRT = 0.77

0 1 0 0 0 0 1 1 0 0 0 0 1 1 0 1 0 0 0 1 1 0 0 1 1 0 1 0 0 0
0 0 1 0 0 0 1 1 1 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 1 0 0
1 0 0 1 0 0 0 0 1 0 1 0 0 0 1 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1 1
0.26 0.26 0.26 0.51 0.0 0.26 0.26 0.26 0.26 0.26 0.0 0.26
0.0 0.26 0.0 0.0 0.51 0.0 0.26 0.26 0.0 0.0 0.26 0.0
0.0 0.0 0.0 0.0 0.0 0.0

SUBJECT NO. = 315 PIRT = 11.54

1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 0 1 0 0 0 1 1 1 1 1 1 0 1 1 0 1
0 1 1 1 0 0 1 0 1 1 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 1
1 0 1 1 1 1 1 0 1 1 0 0 1 1 0 1 1 1 1 0 1 0 1 1 1 0 1 1 1 1 1 1
2.05 0.51 2.05 0.26 0.0 4.36 4.10 1.03 0.77 2.56 2.82 0.51
0.77 2.56 1.79 2.05 0.77 0.77 1.28 2.56 3.08 1.54 1.79 2.31
2.05 2.56 4.87 2.56 2.05 2.56

SUBJECT NO. = 316 PIRT = 1.54

1 0 0 1 1 0 1 1 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0
0 0 1 0 1 0 1 1 1 1 1 0 0 1 1 0 0 1 1 0 1 1 0 0 1 1 0 1 1 0 1
1 1 1 1 1 1 0 0 1 0 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1
0.0 0.51 0.51 0.0 0.0 0.77 0.51 0.0 0.26 0.26 0.51 0.77
0.0 0.77 0.26 0.26 0.26 0.26 0.0 0.51 0.26 0.0 0.26 0.51
0.77 0.0 0.0 0.26 0.26 0.26

SUBJECT NO. = 317 PIRT = 0.77

1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 0
0 1 1 0 0 1 1 1 1 1 1 1 0 1 0 1 0 1 0 0 1 1 1 1 0 0 1 1 0 0
1 0 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 0 0 1 1 1 1 0
0.0 0.26 0.0 0.0 0.0 0.26 0.26 0.77 0.77 0.0 0.0 0.0
1.54 0.0 0.51 0.26 0.77 0.77 0.26 0.0 0.0 0.0 0.0 0.0
0.0 0.77 0.26 0.0 0.0 0.0

SUBJECT NO. = 318 PIRT = 14.61

1 0 1 1 1 0 1 1 0 0 0 0 0 1 0 1 0 1 1 1 1 0 1 1 1 0 0 0 1 1
0 0 1 0 0 0 1 0 1 0 1 1 1 0 1 0 0 1 1 1 0 0 0 1 0 0 0 0 0 1
1 0 0 0 0 0 0 0 1 0 0 1 1 1 0 1 0 0 1 1 1 1 0 1 0 1 1 1 1 1
1.79 2.05 0.26 1.28 0.0 1.79 1.28 0.51 0.51 1.03 1.03 2.31
1.79 1.54 0.0 1.28 0.77 0.0 1.28 3.08 1.28 1.28 2.82 0.26
2.05 1.03 1.54 0.51 1.03 1.79

SUBJECT NO. = 319 PIRT = 4.36

1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1
0 1 1 1 1 1 1 0 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1
1 1 1 0 1 0 0 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1 0 1 1 1 1
1.03 1.03 0.51 2.05 0.0 0.0 1.03 1.03 1.03 0.26 0.0 0.51
0.51 0.26 2.05 0.26 2.31 2.31 1.28 0.51 0.77 1.79 0.26 0.51
0.51 0.26 0.77 1.03 1.28 0.51

SUBJECT NO. = 320 PIRT = 9.23

1 1 0 1 1 0 1 1 1 0 0 1 1 1 1 1 0 1 0 0 1 1 1 1 1 0 0 1 0 1
0 0 1 0 0 1 1 1 1 1 0 1 0 1 1 1 0 1 1 1 1 0 1 1 0 0 0 1 0 1
1 1 0 0 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 1
2.05 0.77 0.77 0.77 0.0 1.28 0.0 1.03 0.51 1.54 0.77 3.59
4.62 2.31 1.03 2.82 0.77 1.28 1.54 1.54 1.28 1.54 1.03 2.05
0.77 3.33 1.03 2.82 1.54 1.54

SUBJECT NO. = 321 PIRT = 4.36

1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 0 1 1 1 1 0 1 0 1 1
1 1 1 0 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 0 0 1 1 0 1 0 0 1 0 1
1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1
1.03 0.51 0.77 0.26 0.0 0.26 0.0 0.0 0.26 0.51 0.0 0.0
0.51 0.77 0.26 0.0 0.0 0.0 1.03 1.03 0.51 1.28 0.26 1.54
0.26 0.26 0.26 0.26 0.77 1.03

SUBJECT NO. = 322 PIRT = 1.79

1 1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1 0 1 0 1 1 1 1 0 1 0 1 1
1 1 1 0 0 1 1 0 0 0 1 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1
1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 0 1 0 1 1 1 0
1.79 1.28 0.51 1.54 0.0 0.77 2.56 0.26 0.26 1.03 0.77 1.03
1.03 0.51 0.77 0.51 1.28 0.77 0.26 1.03 0.51 0.26 0.51 1.03
0.51 0.26 0.51 0.51 1.28 0.51

SUBJECT NO. = 323 PIRT = 1.54

1 1 1 0 1 1 1 0 1 1 1 0 1 0 0 1 0 1 0 1 1 0 1 1 1 0 0 1 0 0
0 1 1 1 0 1 1 0 0 0 0 0 0 1 1 0 0 0 1 1 1 1 0 1 1 0 1 1 0 0 1
1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0 0.0 0.0 0.26 0.0 0.0 0.26 0.0 0.77 0.0 0.0 0.26
0.26 0.0 0.26 0.26 0.0 0.0 0.0 0.26 0.26 0.0 0.26 0.0
0.0 0.26 0.0 0.0 0.0 0.0

SUBJECT NO. = 324 PIRT = 4.36

0 1 0 0 1 0 0 0 1 0 0 1 0 0 0 1 0 1 0 0 1 1 1 0 1 0 1 1 0 0
0 0 1 1 0 0 0 0 0 1 0 0 1 1 0 1 0 1 1 1 0 1 0 1 1 1 1 0 0 0
1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
0.51 0.77 0.26 0.0 0.0 0.77 0.77 0.26 0.26 0.51 2.05 0.26
0.51 1.79 0.26 0.77 0.51 0.26 1.03 0.0 0.0 0.51 0.26 1.03

1.28 0.77 1.79 1.03 0.26 0.77
SUBJECT NO. = 325 PIRT = 17.95
1 0 0 1 0 0 1 1 1 1 0 1 0 0 0 1 1 1 0 1 1 1 1 1 1 0 1 1 0 1
0 1 0 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
1 1 0 0 1 1 1 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 1 1 1 1 1
3.85 0.51 0.77 0.51 0.0 3.59 0.0 1.03 1.28 1.79 2.05 0.51
0.77 4.62 1.03 1.54 0.5112.82 2.31 2.56 2.82 2.31 3.33 4.36
1.03 5.13 6.41 2.31 1.54 2.56
SUBJECT NO. = 326 PIRT = 1.28
1 1 1 1 0 1 1 1 1 1 1 1 1 0 0 1 0 1 1 1 0 1 0 0 1 0 1 0 0 0
0 1 1 1 1 0 1 0 0 0 0 1 0 1 1 0 1 0 0 1 0 1 0 0 0 1 0 0 1 0
1 1 0 0 0 0 1 0 0 1 1 1 0 1 0 0 1 0 1 1 1 1 1 0 1 1 1 1 0 1
0.26 1.28 1.03 1.79 0.0 0.51 0.51 3.85 2.31 0.26 0.0 0.0
1.03 0.0 2.31 0.26 1.28 1.03 2.82 0.0 0.26 0.0 0.26 0.0
0.51 0.0 0.0 0.26 0.0 0.26
SUBJECT NO. = 327 PIRT = 2.31
1 1 1 1 1 1 1 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 0 1 1 1 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 1 0 0 0 1 0
1 1 0 0 1 0 0 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0
0.0 0.77 3.33 0.51 0.0 0.51 1.54 3.08 0.26 2.56 3.33 1.03
0.0 0.0 1.03 0.77 0.51 1.79 0.26 0.26 1.28 0.51 0.77 0.26
1.28 1.03 0.0 2.05 0.51 0.77
SUBJECT NO. = 328 PIRT = 1.03
1 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 0 0 0 1 1
1 1 1 1 0 1 1 0 0 1 0 1 0 0 1 1 0 1 0 0 0 1 0 0 0 0 0 0 1 1
1 1 0 0 0 1 1 1 1 1 1 1 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1
0.51 1.03 0.51 0.0 0.0 0.0 0.0 0.51 0.26 0.51 0.0 0.51
0.51 0.0 0.0 0.26 0.51 0.0 0.51 0.26 0.0 0.0 0.0 0.0
0.51 0.0 0.0 0.0 0.0 0.26
SUBJECT NO. = 329 PIRT = 2.05
1 1 0 1 1 1 1 1 0 0 0 0 1 1 0 1 0 1 1 1 1 1 1 0 1 0 1 1 1 0
0 1 1 1 1 0 0 0 0 1 0 0 1 0 0 0 0 1 0 0 1 1 0 0 0 0 1 0 0 1
1 1 1 0 1 0 0 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1
0.77 0.51 0.77 0.0 0.0 0.0 0.0 0.0 0.0 0.26 0.26 0.0
0.26 0.51 0.0 0.51 0.0 0.51 0.26 0.26 0.0 0.26 0.0 0.26
0.0 0.0 0.0 0.26 0.26 0.26
SUBJECT NO. = 330 PIRT = 0.0
1 1 0 0 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1
0 1 1 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 1 0 1 0 1 0 0 0 0
0 0 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 0 0 1 1 0 1 1 0 0 1 1 1 1 1
0.0 0.0 0.0 0.51 0.0 1.03 0.0 0.51 0.51 0.0 0.0 0.0
0.0 0.26 2.05 0.0 0.51 0.26 0.0 0.0 0.0 0.26 0.0 0.51
0.77 0.51 0.0 0.0 0.0 0.0
SUBJECT NO. = 331 PIRT = 1.79
1 1 1 1 1 1 1 1 1 1 1 0 1 0 0 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 0 1 0 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 0 0 1 1 0 0 0 1
1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1
0.26 1.03 0.26 0.77 0.0 1.28 0.26 1.79 1.03 0.51 0.51 0.26

```
 0.51 0.51 0.77 0.26 0.77 0.77 0.51 0.0  0.26 0.51 0.51 0.51
 0.51 0.51 0.26 0.0  0.77 0.77
SUBJECT NO. = 332      PIRT =  0.77
 1 1 0 0 1 0 1 0 0 1 0 1 0 0 0 1 0 1 0 1 0 1 1 1 1 0 1 0 0 1
 1 0 1 0 1 0 1 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1
 1 0 0 1 1 1 0 1 1 1 1 0 0 1 1 1 1 0 1 1 0 1 1 0 1 1 1 1 1 1
 0.0  0.0  0.26 0.0  0.26 0.0  0.0  0.0  1.28 0.0  0.0  0.26
 0.0  0.26 0.0  0.0  0.0  0.26 0.51 0.0  0.77 0.0  0.0  0.26
 0.51 0.0  0.0  0.26 0.0  0.0
SUBJECT NO. = 333      PIRT =  2.82
 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1
 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 1 1 0 0 1 1 0 0 0 0 1 0 1 0
 0 1 0 1 0 0 0 0 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1
 0.26 1.03 0.0  2.05 0.0  0.51 0.0  1.54 1.79 0.0  0.26 0.0
 0.0  0.51 1.79 0.0  1.28 1.03 0.51 1.03 1.03 0.0  0.77 0.0
 0.51 0.77 0.51 0.51 0.26 0.26
SUBJECT NO. = 334      PIRT =  4.10
 1 0 0 0 1 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1 0 1 1 1 1 0 1 0 0 1
 1 1 1 1 0 0 1 0 0 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1
 1 1 0 1 0 0 0 0 0 1 1 1 0 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1
 0.51 1.54 0.51 0.77 0.26 0.51 0.0  0.0  0.0  0.51 0.51 0.0
 0.26 0.77 0.26 1.03 0.0  0.26 0.77 1.03 0.77 0.77 0.51 0.77
 0.51 0.77 1.03 0.51 0.77 1.28
SUBJECT NO. = 335      PIRT =  0.77
 1 1 0 0 0 0 1 1 1 1 1 1 1 0 1 0 1 0 1 1 1 0 1 1 1 1 0 1 0 0 1
 1 1 1 0 0 0 1 1 0 0 0 0 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 1
 1 1 1 0 0 1 1 0 1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1
 0.26 0.26 0.0  0.77 0.0  0.0  0.0  0.51 0.51 0.0  0.0  0.0
 0.0  0.0  0.0  0.26 0.0  0.26 0.26 0.51 0.51 0.26 0.0  0.0
 0.0  0.0  0.0  0.26 0.0  0.51
SUBJECT NO. = 336      PIRT =  3.85
 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1
 0 1 0 1 0 1 1 1 1 1 1 0 0 0 1 0 1 1 0 0 1 1 1 0 0 1 0 1 1 1
 1 1 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
 0.0  1.28 1.79 1.28 0.51 0.51 0.0  1.28 1.28 0.51 0.26 1.54
 1.28 0.51 2.05 1.03 1.54 2.31 1.54 0.51 1.28 1.79 0.51 2.05
 0.26 0.77 0.26 0.77 1.03 1.28
SUBJECT NO. = 337      PIRT =  7.57
 1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1
 0 1 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 0 0 0 0 0 1 0 0 1 0 0 1
 0 1 0 0 0 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0
 0.81 1.62 0.54 1.08 0.0  0.0  0.27 0.54 0.54 0.27 0.27 1.35
 1.62 0.81 0.27 0.27 0.27 0.27 0.81 0.54 0.81 0.54 0.81 0.27
 0.81 0.54 0.0  0.54 1.08 1.35
SUBJECT NO. = 338      PIRT = 13.51
 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1
 1 0 1 0 0 0 1 0 1 0 0 1 1 1 1 0 0 1 0 1 0 0 0 1 1 1 1 1 1 1
 0 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1
```

1.89 1.35 4.86 0.27 1.62 1.08 0.0 1.62 0.54 4.05 2.97 1.62
1.62 1.62 1.62 1.89 1.35 2.43 2.16 1.62 1.62 3.78 2.43 3.78
1.08 1.08 0.81 2.70 1.89 2.70

SUBJECT NO. = 339 PIRT = 2.43

1 1 0 1 0 0 1 1 0 0 1 1 0 0 0 1 0 0 1 1 1 1 1 1 1 0 1 1 1 1
0 1 1 1 1 1 1 0 0 1 0 1 0 1 1 1 0 1 0 0 1 0 1 0 0 0 0 0 0 1
1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

0.27 1.08 2.43 1.08 0.81 1.08 2.16 3.51 1.62 1.89 0.81 0.81
1.35 0.81 2.43 0.54 1.35 2.16 1.08 0.54 0.27 0.81 0.27 1.08
1.62 1.35 0.27 1.35 0.81 0.54

SUBJECT NO. = 340 PIRT = 5.40

1 1 1 1 0 0 1 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 0 1 0
1 1 1 0 0 1 1 1 1 1 1 1 0 0 1 1 1 0 0 0 0 0 1 0 0 0 0 1 1 1
1 1 1 1 1 1 0 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1

0.27 0.0 0.54 0.27 0.0 0.0 0.27 0.0 0.54 1.08 0.81 0.27
0.54 0.27 0.0 1.89 0.27 0.27 0.27 0.54 0.54 0.0 0.27 0.27
1.08 1.08 0.27 0.27 0.54 0.27

SUBJECT NO. = 341 PIRT = 14.05

1 1 0 0 1 1 1 1 1 0 1 1 0 1 0 1 1 1 0 1 1 1 1 1 1 0 1 0 0 1
1 1 1 0 1 1 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 1
1 0 1 0 0 1 0 0 1 0 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1

3.78 1.08 4.59 0.54 0.54 2.70 0.54 0.27 0.27 5.13 6.21 1.08
2.16 3.24 1.08 4.86 0.54 0.0 1.08 1.35 1.62 2.16 1.08 5.13
4.59 3.51 3.24 2.16 2.70 2.97

SUBJECT NO. = 342 PIRT = 7.84

1 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 1 1 1 1 1 1 0 0 1 0 0 0 1 1 1 1 0 1 0 1 0 1 0 1 1 1
1 0 1 1 0 1 1 0 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1
1.08 0.54 0.54 0.0 2.43 0.0 0.81 1.08 1.35 0.81 0.0 0.54
0.81 0.27 0.31 0.0 1.08 0.54 0.54 0.81 0.81 0.54 0.27 0.54
0.0 0.54 0.54 0.81 1.08 1.62

SUBJECT NO. = 343 PIRT = 1.35

1 1 1 1 1 0 1 1 1 1 0 1 0 0 0 0 0 1 1 0 1 1 1 0 1 1 0 1 1 1
0 1 0 1 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 1 1 0 1 1 1 0 1 0
0 0 1 0 0 1 0 0 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 0 0 1 0 1
0.27 0.0 0.54 0.81 0.0 0.27 0.0 0.27 0.0 0.0 0.0 0.54
0.54 0.27 0.27 0.81 0.0 0.0 0.54 0.27 0.27 0.0 0.54 0.27
0.27 0.0 0.0 0.0 0.54 0.54

SUBJECT NO. = 344 PIRT = 0.81

0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0 1 1 0 1 0 1 1 0 0 0 0 1 0 0 0 0 1 0 0 0 1 1 0 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 0 1 1 1 1 0 0 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1
0.0 0.0 0.0 0.27 0.0 0.27 0.0 0.81 0.27 0.27 0.0 0.0
0.54 0.0 0.0 0.27 0.0 0.27 0.0 0.27 0.27 0.0 0.0 0.27
0.27 0.0 0.0 0.0 0.0 0.27

SUBJECT NO. = 345 PIRT = 2.43

1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0
1 1 1 0 1 0 1 1 0 0 1 1 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 1 1

1 1 0 1 1 0 1 1 0 1 1 0 0 0 1 0 1 1 1 1 0 1 0 0 1 1 1 1 1 1
0.81 1.35 0.0 1.08 0.0 0.54 0.54 0.27 0.54 0.27 0.0 0.54
0.54 0.81 0.0 0.0 0.27 0.54 0.54 1.08 0.81 0.27 0.81 0.0
0.0 0.0 0.27 0.0 0.54 0.81

SUBJECT NO. = 346 PIRT = 2.97

1 1 0 0 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 0 1 1 0 0
0 1 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 1 1 0 1 1 0 0 0 0 0 1 0 0
0 0 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1
0.27 0.54 1.35 1.35 0.81 1.89 2.97 0.81 0.81 0.81 0.27 0.54
1.08 0.81 2.16 0.54 0.81 1.62 0.54 0.54 1.08 1.08 0.54 0.81
0.54 1.08 0.0 2.97 0.81 0.81

SUBJECT NO. = 347 PIRT = 2.16

1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 0 0 0 1 1
1 1 1 0 0 1 1 0 1 1 0 0 0 1 1 1 0 0 1 0 0 1 0 1 0 1 1 1 1 1
0 1 1 1 0 1 1 0 1 1 1 0 0 0 1 1 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0
0.81 0.54 0.27 0.27 0.54 0.81 0.54 1.08 1.89 0.27 1.08 0.54
0.54 1.62 0.0 0.27 0.81 0.0 1.08 1.35 0.27 1.08 0.27 0.27
0.27 0.54 0.81 0.54 1.62 0.54

SUBJECT NO. = 348 PIRT = 0.54

1 1 0 1 0 0 1 1 1 1 0 1 1 0 0 1 0 1 0 1 0 1 1 0 1 0 1 0 0 0
0 0 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 1 1 1 0 0 1 0
0 0 0 0 0 0 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0 0.27 0.0 0.27 0.0 0.54 0.0 0.0 0.27 0.0 0.27 0.27
0.0 0.27 0.0 0.27 0.27 0.0 0.54 0.0 0.0 0.0 0.27 0.27
0.0 0.0 0.27 0.0 0.27 0.0

SUBJECT NO. = 349 PIRT = 10.27

1 1 0 0 1 0 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 1
1 1 1 0 0 1 0 1 1 1 1 1 0 0 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1 1
0.81 0.81 0.27 0.81 1.08 0.27 0.0 1.62 0.81 1.62 0.27 1.62
2.43 0.81 0.0 1.08 1.35 0.0 0.27 1.35 0.27 0.54 1.62 0.54
0.81 0.81 0.54 0.27 0.54 1.89

SUBJECT NO. = 350 PIRT = 5.13

1 0 1 0 0 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1 1 1 0 1 1 1 1 1 0 0 1 1 1 0 1 0 0 0 0 1 0 0 0 0 0 0 1 0 1 1
1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 0 1 1 1 1
0.54 0.54 0.54 1.08 0.27 0.0 0.27 0.81 1.89 0.27 0.0 0.81
0.27 0.54 0.0 0.0 0.27 0.54 0.27 0.54 0.81 0.54 0.54 0.54
0.0 0.27 0.0 0.27 0.27 0.54

SUBJECT NO. = 351 PIRT = 5.67

1 0 0 0 0 0 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 0 0
0 0 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 1 1 1
0 0 1 0 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1
0.54 0.81 0.27 0.81 2.43 3.78 1.89 1.35 1.35 1.35 0.27 1.08
0.81 2.70 1.89 0.27 1.35 1.35 0.81 0.54 1.89 1.08 0.81 0.0
0.54 1.35 2.70 2.16 0.81 1.08

SUBJECT NO. = 352 PIRT = 2.97

1 1 0 1 0 0 1 1 1 0 0 1 1 0 0 1 0 1 1 0 1 1 0 0 0 1 1 1 0 0

0 0 1 0 1 0 1 1 1 1 1 0 0 0 0 1 0 1 0 0 0 0 0 1 0 0 0 0 1 1
0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 0 1 0 1 1 0 1 1 0 1 1 1 1 1 1
1.08 0.27 1.08 0.81 0.0 0.27 0.27 0.0 0.0 0.27 1.08 0.0
0.54 0.27 0.0 0.81 0.54 0.27 0.27 0.0 0.54 0.0 1.08 1.89
0.31 0.0 0.27 0.0 0.27 0.54
SUBJECT NO. = 353 PIRT = 2.16
1 1 1 0 1 0 1 1 1 0 1 0 0 0 0 1 0 0 0 0 0 0 1 0 1 0 0 0 1 0
0 1 1 0 0 0 1 1 0 1 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0 1 0 0 0 0
0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1
1.08 0.27 0.54 0.54 0.0 0.0 0.0 0.54 0.54 0.54 0.0 1.08
0.54 0.27 0.27 0.0 0.0 0.27 0.0 0.54 0.81 0.0 0.0 0.54
0.0 0.54 0.54 0.27 0.27 0.54
SUBJECT NO. = 354 PIRT = 0.81
1 1 1 0 1 1 1 1 1 1 0 1 0 0 0 1 0 1 0 1 1 1 1 1 1 0 1 1 0 1
0 1 1 0 1 1 1 1 0 1 1 0 0 0 1 1 0 0 1 0 1 1 0 0 0 0 0 0 0 1
0 1 0 0 1 1 1 0 1 1 1 1 0 0 1 1 0 0 1 0 1 1 1 0 0 1 1 1 1 1
0.0 0.54 0.0 1.08 0.27 0.54 0.81 0.0 0.54 0.0 0.0 0.27
0.0 0.27 0.0 0.54 0.81 0.54 0.27 0.54 0.0 0.27 0.27 0.0
0.0 0.0 0.0 0.0 0.27 0.0
SUBJECT NO. = 355 PIRT = 3.78
1 1 1 1 1 0 1 1 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
1 0 1 0 0 1 1 1 1 1 1 0 1 1 0 0 0 1 0 0 1 1 1 0 0 0 1 0 1 1
0 1 1 0 1 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1
0.54 0.27 0.81 0.54 0.0 1.08 0.0 0.27 0.27 0.27 0.0 1.35
0.27 0.54 0.27 0.54 1.08 0.54 0.81 0.54 0.27 0.27 1.08 1.35
0.81 1.35 0.27 0.81 1.35 0.27
SUBJECT NO. = 356 PIRT = 4.05
1 1 1 0 0 0 1 1 1 1 0 1 0 0 0 0 0 1 0 1 0 1 1 1 1 0 1 0 1 0
1 1 1 0 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 1 1 0 1 1
0 0 0 1 0 0 1 0 0 1 1 1 0 0 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1
0.81 0.54 0.0 0.54 0.54 0.0 0.54 0.54 0.81 0.0 0.0 0.54
0.27 0.54 0.0 0.54 0.0 0.0 0.54 0.81 0.0 0.27 0.81 0.54
0.0 0.27 0.27 0.0 1.08 0.81
SUBJECT NO. = 357 PIRT = 7.30
1 1 1 0 1 1 1 0 1 1 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1 1 0
1 1 1 0 0 0 1 1 1 1 0 0 0 0 1 0 0 1 1 0 1 0 0 1 0 0 0 0 1 1
1 1 1 1 1 0 0 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1.08 0.81 0.54 0.54 0.0 0.81 0.81 0.0 0.27 1.35 2.70 0.54
1.08 0.81 0.27 2.16 0.54 0.27 0.81 0.0 0.27 0.54 0.27 0.81
1.35 1.35 1.89 1.62 0.54 0.81
SUBJECT NO. = 358 PIRT = 8.92
1 1 1 1 0 0 1 1 1 0 0 1 0 0 0 1 0 1 1 1 1 0 1 1 1 0 1 1 1 1
0 1 1 1 0 1 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
1 0 1 0 1 1 1 1 1 1 0 0 0 1 1 1 0 1 1 0 1 1 1 0 1 1 1 1 1 0
1.08 1.08 1.89 0.81 1.35 1.89 1.62 1.35 0.81 1.35 1.08 0.27
0.54 1.08 1.62 0.81 1.08 1.89 1.08 2.43 1.89 3.51 2.70 2.43
1.35 0.54 1.08 1.35 0.81 1.35
SUBJECT NO. = 359 PIRT = 5.94

1 0 0 0 0 0 1 1 1 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 0 1 1 0 1 1 0 1 1 1 0 0 1 1 1 0 1 0 0 0 1 1 0 0 1
1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 0 1 1 1 1 0 1 1 0 1 1 1 1 1 1
1.35 1.62 0.0 0.81 0.0 0.81 0.27 0.54 1.08 0.0 0.0 0.27
0.0 1.08 0.0 0.0 0.0 0.0 0.54 1.08 0.27 0.54 1.62 0.27
0.27 0.0 0.54 0.27 1.08 0.81

SUBJECT NO. = 360 PIRT = 11.35

1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 1 1 0 1 1 0 1 0 0 1 0 1 0 1 1 1 0 1 0 1 0 0 1 0 1 1 1
1 0 0 0 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1
1.89 1.62 0.54 2.97 2.43 2.16 3.78 1.35 1.35 1.89 2.16 2.97
1.35 1.35 0.27 1.89 1.35 1.89 1.35 1.89 3.78 2.43 2.70 1.89
1.62 0.81 1.62 1.35 1.89 3.51

SUBJECT NO. = 361 PIRT = 2.43

1 1 1 1 1 1 0 1 0 1 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1
1 1 1 0 1 1 1 1 1 1 0 1 0 0 1 0 0 1 1 0 0 1 0 1 0 0 0 1 0 1 1
0 1 0 0 0 0 0 0 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0.54 1.08 0.0 0.27 0.0 0.0 0.0 0.54 0.54 1.08 1.08 0.54
1.35 0.0 0.27 1.35 0.0 0.0 0.27 0.27 0.0 0.0 0.54 1.35
0.81 0.81 0.0 0.0 0.54 0.27

SUBJECT NO. = 362 PIRT = 3.24

1 0 0 1 1 0 1 1 1 1 0 0 1 0 0 1 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1
0 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 1 1 1 0 1 1 1 1 1 0 0 0 0 0 0
0 0 0 0 0 1 1 1 0 1 1 1 1 1 0 1 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1
0.54 1.35 0.27 0.81 0.54 0.27 0.27 1.08 0.81 0.0 0.27 0.54
0.54 0.54 0.27 0.54 0.54 0.54 1.08 0.0 0.27 0.27 1.08 0.27
0.54 0.54 0.0 0.0 0.81 0.81

SUBJECT NO. = 363 PIRT = 0.0

1 0 0 1 0 1 1 1 1 0 1 1 0 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 0 0
1 1 0 0 0 0 1 1 0 0 0 0 1 0 0 0 0 1 1 0 0 1 0 0 0 1 1 1 1 1
1 0 1 0 0 0 1 0 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0 0.27 0.27 0.0 0.27 0.0 0.0 0.54 0.27 0.0 0.0 0.0
0.27 0.0 0.0 0.27 0.27 0.54 0.0 0.0 0.0 0.27 0.0 0.0
0.27 0.0 0.27 0.0 0.0 0.0

SUBJECT NO. = 364 PIRT = 1.89

1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 0 1 0 0 1 1 1 1 1 1 1 0 1 1
1 1 1 1 0 1 1 0 1 1 0 1 0 1 0 0 1 0 0 1 0 1 0 1 1 1 0 0 0 1
1 1 1 1 0 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0
0.0 0.81 0.27 0.81 0.54 0.27 0.27 0.54 0.54 0.27 0.81 0.0
0.54 0.54 0.54 0.81 0.54 0.27 0.27 0.27 0.54 0.54 0.0 0.54
1.08 0.81 0.0 0.27 1.08 0.27

SUBJECT NO. = 365 PIRT = 1.89

1 0 1 1 1 0 1 0 1 0 0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
0 1 1 0 0 1 1 1 1 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 0 0
1 1 1 1 0 1 1 0 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1
0.54 0.27 0.54 0.27 0.0 0.0 0.0 0.0 0.54 0.27 0.27 1.35
0.54 0.27 0.0 0.27 0.54 0.27 0.0 0.0 0.27 0.27 0.0 0.0
0.81 0.54 0.81 0.0 0.27 0.27

SUBJECT NO. = 366 PIRT = 11.35

1 1 0 1 0 0 1 1 1 1 0 1 1 0 0 1 1 0 0 1 1 1 1 1 1 0 1 1 0 1
0 1 1 1 1 1 1 1 0 1 1 0 1 0 0 1 0 0 1 0 1 1 0 0 1 0 0 0 0 1 0
1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0
1.35 2.16 4.32 2.16 5.13 5.13 6.21 4.59 1.89 2.43 2.43 4.86
1.89 2.16 8.38 1.89 4.05 6.21 2.16 0.81 4.32 4.05 0.81 0.81
0.54 2.70 2.97 4.86 1.35 3.24

SUBJECT NO. = 367 PIRT = 4.59

1 0 0 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 1 1 0 1 0 1 1 1 1 1 0 1 1 0 0 0 1 0 0 0 1 0 0 1 1 1 0 1 1
1 1 1 1 0 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.27 1.35 0.54 2.43 3.24 0.54 1.89 0.54 1.62 1.08 0.27 1.08
0.81 0.27 2.43 0.0 2.16 2.16 0.54 0.54 0.27 0.54 0.27 0.0
0.0 1.89 0.0 0.54 0.54 0.81

SUBJECT NO. = 368 PIRT = 6.75

1 0 0 1 1 1 1 1 1 0 1 0 0 0 1 1 1 1 0 1 1 1 1 1 1 0 1 0 0 0
0 1 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 1 0 0 1 0 1 0 0 0 1 1 1 0
0 0 1 1 1 0 1 0 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 1
1.62 1.08 0.27 0.54 0.0 0.0 0.81 0.54 0.54 0.27 1.08 0.54
0.27 1.08 0.0 0.0 0.0 0.0 1.62 2.16 0.81 1.08 1.62 0.54
1.35 0.54 1.89 0.0 0.81 1.35

SUBJECT NO. = 369 PIRT = 4.86

1 0 0 1 1 0 0 1 0 0 0 0 1 1 0 1 1 1 1 1 0 0 1 0 1 1 0 1 0 1 0
0 1 1 0 1 0 1 1 0 1 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1
0 0 0 0 0 1 0 0 1 0 0 1 0 0 0 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0
0.54 0.81 0.0 1.08 0.0 0.54 0.27 0.54 0.54 0.27 0.54 1.62
1.62 1.08 0.0 1.62 0.54 0.27 1.08 1.08 0.27 0.0 0.54 1.35
1.89 0.54 0.0 0.54 1.35 1.08

SUBJECT NO. = 370 PIRT = 4.32

1 1 1 1 1 0 1 1 1 1 1 1 1 0 1 0 0 1 0 0 1 1 1 0 1 0 0 0 1 1
1 1 0 1 0 1 1 0 1 1 1 0 0 1 0 0 0 1 1 0 0 0 1 1 0 1 1 0 1 1
0 0 0 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1
1.08 1.89 0.27 1.08 0.0 2.43 1.35 0.81 2.16 0.0 1.08 0.54
0.54 2.16 2.70 0.27 2.16 1.08 0.81 0.54 0.81 0.81 0.81 0.81
1.89 1.62 5.94 2.43 1.08 0.81

SUBJECT NO. = 371 PIRT = 1.08

1 1 0 0 0 1 1 1 0 1 0 0 0 0 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 0
0 0 1 0 1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
0 0 0 0 0 1 1 1 1 0 1 1 0 1 1 1 0 1 0 1 1 0 1 1 0 1 1 1 1 1 1
0.27 0.27 0.54 0.81 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.27
0.0 0.0 0.0 0.27 0.0 0.27 0.27 0.54 0.27 0.0 0.0 0.27
1.08 0.27 0.27 0.0 0.0 0.54

SUBJECT NO. = 372 PIRT = 4.32

1 1 0 0 1 1 1 1 1 0 1 0 0 1 0 1 1 1 0 1 1 1 1 1 1 0 1 1 1 0
1 1 1 0 0 0 1 1 1 0 1 1 1 1 1 1 0 0 1 1 1 0 0 0 1 0 0 1 0 0 1
1 1 1 0 1 0 0 0 0 1 1 1 0 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1
1.08 0.54 0.27 0.27 0.0 0.0 0.0 0.54 0.27 0.0 1.08 0.0
0.81 0.27 0.0 1.08 0.54 0.0 0.27 1.08 0.27 0.27 0.81 0.81

```
 0.81 0.27 0.54 0.0  0.81 0.81
SUBJECT NO. = 373       PIRT =  2.43
 0 1 0 1 0 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0
 0 1 1 0 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 1 0 0 1 1 1 0 1 1
 0 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 0 1 1 1 1 0 1 0 1 1
 0.54 0.54 0.27 1.35 1.89 0.0  1.08 0.0  1.35 0.54 0.0  0.81
 0.54 0.27 0.54 0.27 0.81 0.81 0.54 0.81 0.54 0.54 0.81 0.0
 0.27 0.81 0.0  0.54 0.0  0.54
SUBJECT NO. = 374       PIRT = 10.91
 0 0 1 0 1 0 1 0 1 1 0 1 0 0 1 0 1 1 1 1 1 0 1 1 1 0 1 1 0 0
 1 1 1 0 1 1 1 1 1 1 1 0 0 1 0 0 0 1 1 0 1 0 0 0 0 1 0 1 0 1
 1 0 0 1 0 1 1 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
 2.27 1.36 4.54 0.45 1.82 3.64 2.73 0.45 0.0  4.54 4.54 1.36
 0.91 1.36 0.91 5.00 1.36 1.82 0.91 0.0  1.82 3.64 0.91 3.18
 5.91 3.64 2.27 2.73 1.82 1.82
SUBJECT NO. = 375       PIRT =  1.36
 1 1 0 0 0 1 1 1 1 1 0 0 0 0 0 1 0 1 1 1 1 1 1 0 1 0 1 0 1 1
 0 1 1 1 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 1 1 0 0 1 1 0 0 1 1 1 1 0 1 1 0 1 0 0 1 1 1 1 1 1
 1.36 0.91 0.45 0.91 0.0  0.0  0.45 0.45 1.36 0.0  0.91 0.91
 0.0  0.0  0.0  0.45 0.0  0.45 0.45 0.0  0.0  0.0  0.45 0.91
 1.36 0.0  0.45 0.91 0.0  0.0
SUBJECT NO. = 376       PIRT =  1.36
 1 1 0 0 1 0 1 0 1 1 0 0 0 0 0 1 1 1 1 1 1 1 0 1 1 0 1 0 0 0
 1 1 1 0 1 0 1 1 0 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 1 0 1
 1 1 0 0 1 0 0 0 1 1 1 1 0 1 1 1 0 0 1 1 0 1 1 0 0 1 1 1 1 1
 0.0  0.0  0.0  0.45 0.0  0.0  0.91 0.45 2.27 0.45 0.0  0.0
 0.0  0.45 0.0  0.0  0.45 2.27 0.45 0.0  0.91 0.45 0.45 0.0
 0.0  0.0  0.0  0.0  0.0  0.0
SUBJECT NO. = 377       PIRT =  5.00
 1 1 1 0 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 0 1 0 1 0
 1 1 1 0 0 0 1 0 0 1 0 0 0 1 0 1 1 1 0 1 0 0 0 1 1 0 0 1 1 1
 1 1 0 1 0 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
 0.45 1.36 2.27 1.36 4.09 1.82 3.18 2.73 0.91 3.64 0.91 1.82
 1.36 1.36 2.73 1.36 1.82 3.18 1.36 1.36 2.73 3.18 0.45 0.91
 1.36 2.73 0.45 3.64 2.27 3.18
SUBJECT NO. = 378       PIRT =  3.18
 1 1 0 0 0 1 1 1 0 1 0 0 0 0 0 1 0 1 1 0 0 1 1 1 1 0 1 1 0 0
 0 1 1 0 1 0 0 0 0 0 0 1 0 0 1 0 0 1 1 0 1 0 0 0 0 1 0 1 0 1
 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 0 1 0 1 1 1 1 1 0 1 1 1 1 1 1
 0.91 0.91 0.45 2.73 1.82 0.45 0.0  0.45 0.91 0.0  0.0  0.0
 0.45 0.91 3.64 0.45 2.73 1.36 2.73 1.36 2.27 2.27 0.45 0.45
 0.45 0.91 0.0  1.36 1.36 1.36
SUBJECT NO. = 379       PIRT = 23.63
 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 0 0 1 1
 1 1 1 0 0 0 1 1 1 1 1 0 1 1 1 0 0 1 1 1 0 0 0 1 1 1 0 1 0 1
 1 1 1 0 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
 4.54 2.73 2.73 2.27 0.91 3.18 0.45 3.18 1.82 4.09 3.64 1.36
```

1.82 6.36 0.91 3.64 2.73 2.73 3.64 2.73 1.82 2.73 2.27 6.36
5.45 4.09 5.45 3.18 3.18 4.09
SUBJECT NO. = 380 PIRT = 0.91
1 0 0 0 0 1 1 1 1 1 0 1 1 0 0 1 0 1 1 1 0 1 1 1 1 1 1 1 1 0
0 0 1 0 1 0 1 1 1 0 0 1 0 1 0 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0
1 0 0 0 1 0 0 1 0 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 0 1 0 1 1 1
0.0 0.91 0.45 0.91 2.27 1.36 2.73 2.27 0.45 0.0 0.0 0.91
0.0 0.0 2.73 0.0 2.73 2.27 1.82 0.91 0.91 0.0 0.91 0.45
0.0 0.45 0.0 0.45 1.36 1.36
SUBJECT NO. = 381 PIRT = 5.00
1 1 0 0 1 0 1 1 0 0 1 0 1 0 0 1 0 1 0 1 1 1 1 0 1 0 1 1 1 1
1 1 1 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0 1 1 0 1 1 0 0 1 1 1 1 0 1
0 1 1 1 0 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 1
0.0 0.45 0.91 0.45 0.0 0.0 0.45 0.45 0.91 0.91 0.45 0.45
1.36 0.0 0.0 1.36 0.45 0.0 0.45 1.36 0.0 0.45 1.36 0.0
0.0 0.45 0.0 0.0 0.0 0.45
SUBJECT NO. = 382 PIRT = 8.18
1 1 1 0 1 1 1 1 1 1 0 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 0 1 0 1 0
0 1 1 0 0 0 1 1 0 1 0 1 1 0 0 0 0 1 1 1 0 1 1 1 1 0 1 0 1 1 1
0 0 0 1 1 0 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0
0.45 1.36 0.45 3.18 0.45 0.0 1.82 0.45 1.36 0.45 0.45 0.91
0.45 0.0 0.91 1.36 0.45 0.45 1.82 1.36 0.91 0.91 2.27 0.45
0.0 0.45 0.0 0.0 1.82 0.91
SUBJECT NO. = 383 PIRT = 6.82
1 1 0 0 1 1 1 1 1 1 1 1 1 0 0 1 0 1 0 1 1 0 1 1 1 0 1 1 0 1
1 1 1 1 1 0 0 1 1 1 1 0 0 0 1 0 1 0 1 0 0 1 0 0 0 1 1 0 1 0 1
1 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1
0.45 0.91 0.91 0.45 4.09 3.18 1.36 1.82 1.82 0.45 1.36 1.36
0.91 0.91 2.27 0.45 1.82 1.36 0.0 0.0 0.91 2.27 1.82 0.0
1.82 0.91 0.91 2.27 1.36 0.91
SUBJECT NO. = 384 PIRT = 5.91
1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 0 0 1 1 1 1 1 1 1 0 1 0 1 0 1 1
1 1 1 0 1 1 0 1 1 1 0 0 1 1 0 1 0 1 1 0 1 1 1 0 1 0 0 0 0 1
1 1 1 0 0 0 1 1 1 1 1 1 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1
1.82 2.73 3.64 1.36 0.91 0.91 0.45 0.45 0.91 2.73 1.36 1.36
1.82 1.36 0.0 1.82 0.91 0.45 0.91 0.91 2.27 0.45 0.91 1.36
0.45 1.82 0.45 2.27 1.36 0.45
SUBJECT NO. = 385 PIRT = 2.27
1 1 0 1 1 1 1 1 1 1 0 1 1 1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 0 1 0
1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 0 1
1 1 0 0 0 1 0 1 1 1 1 1 0 0 0 1 0 1 1 1 0 1 1 0 0 0 0 0 0 0 0
0.45 1.36 0.0 1.36 2.27 0.45 0.45 1.82 1.82 0.45 0.0 0.0
0.45 0.0 2.73 0.45 0.91 0.91 2.27 0.0 1.82 0.91 0.45 0.0
1.36 0.45 0.0 0.45 1.36 0.45
SUBJECT NO. = 386 PIRT = 10.45
1 1 0 1 1 0 1 1 1 1 0 1 1 0 0 1 0 1 0 1 1 1 1 1 1 0 0 0 1 0
1 1 1 0 0 1 1 1 1 1 1 1 1 0 1 0 1 0 1 1 1 0 0 0 0 1 1 0 1 0 1
0 0 0 0 0 1 1 0 1 1 1 1 1 0 0 1 1 1 0 1 0 1 1 1 0 1 0 1 1 1 1

0.45 0.45 0.91 0.0 0.0 0.91 0.91 0.91 0.91 0.91 1.36 4.09
5.91 0.0 0.45 1.36 1.36 0.91 0.45 1.82 1.36 0.91 1.82 0.45
0.91 0.45 0.91 0.0 1.82 1.36

SUBJECT NO. = 387 PIRT = 11.36

1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 0 0 1 1 1 0 1 1 0 1 1 1 0 1 1
1 1 1 0 0 0 0 1 1 1 1 1 0 0 1 0 0 1 0 0 0 0 0 0 0 1 1 0 1 1
0 1 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 0 0 1 1 1
1.82 1.36 0.91 1.36 0.0 0.45 0.45 2.27 0.91 1.36 0.91 6.36
5.00 2.27 0.0 1.82 1.36 1.36 0.45 3.64 1.82 0.0 3.64 1.82
1.36 0.45 0.0 0.91 0.45 1.36

SUBJECT NO. = 388 PIRT = 11.36

1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1
1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 0 1 1 1 1 0 0 1 0 0 1 1 1 0 1 1
1 1 0 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0
1.82 2.27 5.91 2.27 5.45 4.09 6.82 3.64 1.82 5.45 4.09 3.18
2.27 2.27 5.91 1.36 3.18 2.73 2.27 2.27 3.18 2.27 2.27 3.18
1.82 5.45 5.91 6.82 2.27 2.27

SUBJECT NO. = 389 PIRT = 4.54

1 1 0 1 0 1 1 1 1 1 1 1 1 1 0 1 0 1 1 1 0 1 1 1 1 0 1 0 1 0
1 1 1 0 1 0 1 0 1 1 1 1 1 0 0 1 0 1 1 1 0 0 1 0 0 0 0 0 1 1 1
0 1 1 1 0 0 1 0 0 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0 0.0 0.45 0.0 0.45 0.45 1.36 0.0 0.91 1.36 0.91 0.45
1.36 0.45 0.0 2.27 0.91 0.0 0.45 0.45 0.45 0.45 0.91 0.91
0.45 0.0 0.45 0.45 0.0 0.0

SUBJECT NO. = 390 PIRT = 5.00

0 0 0 0 0 1 0 0 0 1 0 1 1 0 0 1 0 0 0 1 1 1 1 1 1 0 1 1 0 1
0 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0
0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 1 1
1.36 1.82 0.0 4.09 1.36 1.36 0.45 3.18 1.36 0.0 0.45 0.0
1.36 0.91 4.09 0.0 1.82 1.82 2.27 0.91 1.36 0.91 0.91 0.0
1.36 0.0 1.36 1.36 0.91 0.45

SUBJECT NO. = 391 PIRT = 1.36

1 1 1 1 1 0 1 1 1 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 1
1 1 1 1 0 1 1 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 1 0 0 0 0 1 1 0 1
1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
0.0 1.36 0.0 1.82 0.0 0.0 0.91 1.36 4.09 0.45 0.0 0.0
0.0 0.0 1.82 0.45 1.82 2.27 0.45 0.0 0.0 0.45 0.45 0.0
0.0 0.0 0.0 1.36 0.0 0.45

SUBJECT NO. = 392 PIRT = 13.18

1 1 0 1 1 0 1 1 1 0 1 1 1 1 0 1 0 1 1 1 1 1 0 1 1 0 1 0 1 0
0 1 1 1 1 1 1 0 1 1 0 0 1 0 1 0 0 1 0 0 0 0 1 0 1 0 1 0 1 1
0 1 1 1 0 0 0 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0
1.82 2.73 0.45 0.91 0.0 1.36 0.0 0.91 0.91 1.36 1.82 1.36
1.36 1.82 0.45 1.82 0.0 0.45 0.91 4.09 2.27 0.91 1.36 1.36
0.91 0.91 0.45 0.91 2.73 2.73

SUBJECT NO. = 393 PIRT = 31.36

1 0 1 1 1 1 1 1 1 1 1 1 0 1 0 1 0 1 1 0 0 0 1 1 1 1 0 0 0 1 1
1 1 1 0 1 1 1 1 1 1 0 1 1 0 0 1 0 0 1 1 0 1 0 0 1 0 1 0 0 0 1

1 0 1 1 0 1 1 1 1 1 1 1 1 0 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1
5.91 1.36 0.91 0.0 3.18 5.00 1.82 2.27 1.82 1.82 5.91 1.82
1.82 7.73 0.0 1.82 1.36 0.45 3.18 5.91 2.27 1.82 5.00 4.54
4.54 1.82 8.64 0.91 4.09 4.54
SUBJECT NO. = 394 PIRT = 4.54
1 1 1 1 1 0 1 1 1 0 1 1 1 0 0 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1
0 1 1 0 1 1 1 1 1 1 0 0 1 0 1 0 0 0 1 0 1 0 0 0 0 1 1 0 0 1
1 0 0 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1 1 1
0.45 2.27 0.45 2.27 0.0 0.45 0.45 0.45 0.91 0.91 0.0 0.45
0.45 0.0 0.0 1.36 0.45 1.36 1.82 0.0 0.91 0.45 0.45 0.0
0.0 0.91 0.0 0.0 0.0 0.45
SUBJECT NO. = 395 PIRT = 10.91
1 1 1 0 1 0 1 1 1 0 0 1 1 0 1 1 0 1 0 1 1 1 1 0 1 0 0 0 1 1
1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1 0 0 0 1 1 0 0 0 0 0 0 1 0 0
1 1 1 0 0 1 1 1 1 1 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
3.64 1.36 2.27 0.91 0.45 0.45 0.45 0.0 0.0 0.91 0.45 1.82
0.91 1.36 0.0 1.36 1.36 1.36 1.36 0.91 0.91 2.27 1.36 3.64
0.45 0.91 2.27 0.91 1.82 1.36