An Experimental Investigation of the Relationship between Personality Traits and Social Preference of Classmates

Mary Brudny
Loyola University Chicago

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An Experimental Investigation of the Relationship
Between Personality Traits and Social
Preference of Classmates.

by
Mary Brudny

A Thesis Submitted to the Faculty of the Graduate
School of Loyola University in Partial Fulfillment of the Requirement for the Degree of
Master of Arts

January
1957
LIFE

Mary Brudny was born in Chicago, Illinois, on August 24, 1924.

She was graduated from Lindblom High School, Chicago, Illinois, June 1941, and from Loyola University, Chicago, Illinois, June 1949, with the degree of Bachelor of Science in Psychology.
ACKNOWLEDGMENT

The writer wishes to extend sincere thanks to her advisor, Marcella Twomey, for her valuable assistance and guidance.
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CHAPTER I

INTRODUCTION

It is most interesting to note that a child, as soon as he is old enough to have active social dealings with people, is likely to show preferences. These preferences continue throughout life, even though as he grows older his interests and social adjustments change, and there are shifts in his choice of companions.

Is there possibly a relationship between certain personality traits and the extent to which one is preferred by others? It is this question which prompts the writer to undertake the present study. The purpose is to investigate in school children of homogenous background the relationship between personality traits and social preference of classmates. Secondarily, it is hoped to compare these results with teacher rating of pupils for social acceptance.
CHAPTER II

REVIEW OF RELATED LITERATURE

Investigation of literature in the field of social preference and sociometric studies has not revealed a great deal of material related to the present problem. However, there are studies which investigate some phase of this work and should be discussed here as having a bearing on this project.

The systematic investigation of group structure and the individual's place in it had its chief origin in the work of Jacob L. Moreno, *Who Shall Survive*. Moreno asked school children to choose the boy or girl whom each would like best to have sit on either side of them and whom second best. From this a complex structure of the class organization was uncovered. A number of children remained unchosen or isolated; a number chose each other, forming mutual pairs, triangles or chains; others attracted very many choices.

Kindergarten children were also tested, and it was evident that the attractions were definite although the motivations may have been very inarticulate.

Moreno made comparisons of the different groups and noted the
The kindergarten child instantaneously bubbles over with his choice. Approximately one-third of the choices were for the opposite sex.

In the fifth grade the intersexual choices are almost totally missing. The group is now split up into two homosexual groups. The motivations are often based on similarities of traits, physical and mental, of social standing and of interests in common pursuits.

By the time a child reaches the eighth grade there is a rise in the number of intersexual attractions. The choice is not spontaneous but rather thought about. ¹

From his studies Moreno has concluded the following Socio-genetic Law:

The finding that with the maturing of the intelligence and the emotions, also the sociability of an individual matures was to be expected. But it is unexpected to find that a group of individuals "grows," that the organization of their interrelations crystallizes, that the clashes between the different intelligences, emotionabilities and sociabilities of individuals within the group do not destroy the process of maturation nor prohibit the existence and recurrence of regular tendencies within it.

Our findings suggest the notion that group organization is in its ontogenetic development to a great extent an epitome of the form-modifications which successive ancestral societies of the species underwent in the course of their historic evolution. It may be called

the group theory of evolution. This hypothesis is suggested by:

a) Spontaneous organization of groupings among children and adolescents develop year after year from simple to more complex stages of integration.

b) These groups reveal that a remainder of lower organization can always be traced in the next higher stage and that indicators of a beginning towards higher organization can be traced in the next lower stage.

c) Similarities have been noted between spontaneous group organizations among classes of children in the early grades and spontaneous group organizations among mentally retarded adolescents.

d) Similarities of tendencies in social organization are suggested between children's societies and those of primitives. 2

Following the basic work of Moreno other research followed. M. E. Bonney reported in Sociometry his study dealing with mutual friendships. He attempted to determine what factors, such as academic achievement, intelligence, certain kinds of interests, socio-economic home background and personality traits play the greatest part in social preference, primarily pairs of mutual friends, as compared with performance of those pairs of students who were considered non-friends.

The method used was choosing companions for certain activities

2 Ibid., 213-215
and making a comparison with results of a battery of tests on the above-named factors. The following choosing situations were used: 3

1) Choosing of companions for having a picture taken.
2) Giving Christmas presents.
3) Giving of Valentine's.
4) Selecting a seating companion.
5) Choosing partner of a trip.
6) Sketching friends in an art class.
7) Giving Easter cards.
8) Designated ones preferred as companions to go home with after school.
9) Selecting partner for a party.

The battery of tests used by Bonney were:

Academic Achievement
- Gates Primary Reading Test

Intelligence
- California Test of Mental Maturity (2)
- Kuhlman Anderson (3-4)
- Otis Self Administering (5)
- Pintner Intermediate (6)

Interests
- Interest Inventory for Elementary Grades - Dresse & Mooney

Home Background
- Minnesota Home Stature Index - Leahy

Personality
- California Test of Personality
- Bell Adjustment Inventory

Results indicate that academic achievement has little to do with determining friendship relationships. General intelligence seemed only slightly more important. For elementary school children recreational interests of mutual friends did not correlate. At the secondary and college levels a reliable relationship was found between occupational interests of friends. Socio-economic background played a small but consistent part in determining friendships. In the elementary grades results of personality tests showed little association with friendship formation, but at the high school level social and emotional adjustment appeared to become important factors in friendship.

Arthur Singer reports his work on certain aspects of personality, as measured by the California Test of Personality, and their relation to certain group modes and constancy of friendship choices, as measured by the classroom social distance scale and sociometric techniques. These instruments were administered many times to arrive at a constancy score. The results of his study were as follows:

1) There is little relationship between certain aspects of personality and inter-personal-group social modes.

2) At any given time there is a definite relationship of any individual to a group and the group to the individual as shown by the sociograms and the classroom social distance scales.

3) A definitely high degree of constancy in valued
choices exists between individuals or the group as a whole.

4) There exists a fairly significant relationship between the group's high rank in social acceptability and the group's high rank in personality adjustment.

5) A definite relationship can be established between the individual's acceptance by the group and the group's acceptance by the individual as is evidenced by the classroom social distance scales. It is also to be noted that the group significantly socially accepts individuals of the group more than the individuals accept the group.

6) Over a period of time there is a continuous change shown by the group in certain aspects of personality and group structure.

7) Individuals and this group as a whole do accept classmates to a greater or lesser degree at different times with respect to results shown by the classroom social distance scales.

8) Individuals who rank high on one performance of the personality test tend to rank high on any other performance of the same instrument as was evidenced by correlations run between them. 4

Thomas B. Lemann and Richard L. Solomon studied group characteristics as revealed in sociometric patterns and personality ratings. They intended not only to investigate certain aspects of the nature of the

group structure and function as related to personality data, but also placed emphasis on methodology and improvement of techniques. The procedure used was administering a questionnaire consisting of two parts, one based on information from personality rating scales and one based on sociometric material.

Lemann and Solomon then concluded that:

Those subjects who were highly noticed by others were more likely to be noticed unfavorably than favorably, that is, they were more likely to have low status than high status. Those who were very unnoticed by the group were more likely to be liked than disliked. It appeared that high status and high noticeability may be mutually exclusive. 5

Mary L. Northway reported another aspect of social acceptability. She pointed out that a score received on any test indicated the degree to which the individual was accepted by that one group, but did not indicate how acceptable he might be in other situations. She then attempted to determine whether an individual's status varies at random in every group or if he maintains the same degree of acceptance in other situations. The test administered asked the children to indicate which boys and girls they liked to work and play with best.

Northway concludes:

Students tended to maintain their same degree of acceptance in a group of 29 as they had in a group of 80. Investigators who have attempted to clarify the personality characteristics of highly accepted and least accepted individuals have consistently discovered the same general patterns. The least accepted individuals always include the retiring, lethargic, ingrown and self-centered. The highly accepted are the expansive, sympathetic, dynamic, objective ones.

An individual's acceptance score as measured in one group is a reliable index to what his acceptance score will be in a reasonably similar (cultural-age) group. That is, his acceptance score is an outward measure of a psychological characteristic called acceptability.  

CHAPTER III

DESCRIPTION OF EXPERIMENTAL METHODS AND PROCEDURES

Since the stated purpose of this study is to investigate the relationship between personality traits and social preference of classmates among school children, it would be well to explain the meaning of the term "personality" so as to have an idea of what is being measured. Gordon W. Allport defines personality as follows:

"Personality is the dynamic organization within the individual of those psychophysical systems that determine his unique adjustments to his environment."

The objective appraisal of personality is relatively new. It became evident that factors in personality could not be revealed by means of the ordinary ability and achievement tests. Thus in recent years a large number of personality inventories have appeared.

The writer has chosen two inventories. The first to be considered is the California Test of Personality. It was devised by Louis R. Thorpe,

Willis W. Clark and Ernest W. Tiegs to provide a frame of reference regarding the nature of personality determinants and their relationships to each other and to the total functioning personality.  

This inventory is divided into two parts, the first being Personal Adjustment which includes the sub-groupings of:

1A. Self-Reliance  
1B. Sense of Personal Worth  
1C. Sense of Personal Freedom  
1D. Feeling of Belonging  
1E. Withdrawing Tendencies (freedom from)  
1F. Nervous Symptoms (freedom from)

and the second part is designated as Social Adjustment and includes:

2A. Social Standards  
2B. Social Skills  
2C. Anti-Social Tendencies (freedom from)  
2D. Family Relations  
2E. School Relations  
2F. Community Relations

The inventory also yields a score for Total Adjustment.

It is interesting to note that the authors do not consider the above items as traits, but rather are tendencies to feel, think and act in a certain way.

The following coefficient of reliability, computed with the

---

Kuder-Richardson formula using alternate forms of the inventory and obtained with 648 cases, are quoted by the authors of the California: 3

<table>
<thead>
<tr>
<th>Form AA or BB</th>
<th>r</th>
<th>S. E. Meas.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Personal Adjustment</td>
<td>.93</td>
<td>3.44</td>
</tr>
<tr>
<td>2. Social Adjustment</td>
<td>.92</td>
<td>2.97</td>
</tr>
<tr>
<td>TOTAL ADJUSTMENT</td>
<td>.94</td>
<td>5.02</td>
</tr>
</tbody>
</table>

There may not be total agreement by everyone on the validity of any personality inventory, and it may be due to the fact that the status of personality factors and social adjustment of an individual are considered as intangibles. However, this particular inventory was chosen by the writer because it was believed to be one of the better-constructed group personality inventories available. Another feature in its favor was ease in administering and scoring.

The Educational Research Bulletin of the New York City Schools 4 states that the California Test of Personality is perhaps the most diagnostic of any inventory of the same type, that is, organized so students can answer questions by themselves. They feel, however, that it is best used for

3 Ibid., 4.
clinical procedure and is particularly useful with problem boys and girls.

The second test used in this study is the SRA Inventory, and is a needs and problem inventory as the children themselves see their problems. This inventory was devised by H. H. Remmers and Robert H. Bauernfeind. The inventory consists of 223 statements of problems frequently experienced by elementary school children and is divided into five areas: (1) My Health, (2) Getting Along with Other People, (3) About Me and My School, (4) About Myself, and (5) About Me and My Home. A score is obtained for each of the five areas.

The authors of the SRA Inventory quote the following reliability coefficients for the five areas, computed by the Spearman-Brown formula using the split-half method and based on 847 cases.

<table>
<thead>
<tr>
<th>Area</th>
<th>Reliability</th>
</tr>
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<tbody>
<tr>
<td>My Health</td>
<td>.818</td>
</tr>
<tr>
<td>Getting Along with Other People</td>
<td>.905</td>
</tr>
<tr>
<td>About Me and My School</td>
<td>.900</td>
</tr>
<tr>
<td>About Myself</td>
<td>.878</td>
</tr>
<tr>
<td>About Me and My Home</td>
<td>.806</td>
</tr>
</tbody>
</table>


6 Ibid., 9.
The validity of this inventory may be open to question. The authors feel more evidence on this point is required. At the same time they believe that the items contained in the inventory are of such a nature that there is usually no external criterion, but has validity for that child. For example, if a child checks the statement, "I wish my daddy would play with me more," we have immediate evidence of the validity of that statement for that particular child—for that is the way he feels.\(^7\)

It is hoped that use of the SRA Inventory in this study may give more evidence of its reliability and validity.

The authors point out that interpretation and use of the inventory results should be made with the following thoughts in mind: (a) A child may fail to mark—or refuse to mark—a problem that is serious; (b) the mode of response is such that the Inventory gives no measure of the intensity of the problem represented by a checked item. One individual may check many items but reveal no really serious problems, whereas another individual may check only a few problems but in so doing may reveal a serious situation that calls for immediate help.

The subjects for this study were obtained from a parochial school in Chicago. The number of subjects totaled 191—108 girls and 89

\(^7\) Ibid., 9.
boys. They were taken from four classes—fifth, sixth, seventh and eighth grades. Their ages ranged from 9 years - 11-1/2 months to 15 years - 8 months, with an average age of 12 years - 2 months.

Subjects were selected from the same educational level, religion, race, culture and economic status, in order to avoid too many variables entering into the experiment.

The procedure followed in the experiment was administering the California Test of Personality—Elementary Form AA, and the SRA Junior Inventory, Form A, and a questionnaire on preference of classmates, to 191 subjects between the grades of five to eight in a parochial school. (See Appendix for copy of the three instruments used.) Each test was administered according to special instructions given in the Manual of Directions. The California Test of Personality was administered first, followed by the SRA Junior Inventory and the questionnaire was given last. No time limit was set for any of the inventories. However, mostly all subjects had completed each of the tests in 45 minutes.

When the questionnaire was distributed to the children the following instructions were given: "You see there are six questions. The first one asks: (each one read) Some of the boys and girls who belong to this classroom are away today. However, you know their names and if they are the people you would choose, put their names down. You may put the
same name to more than one question if you would really choose the same person each time. Be sure to write the last names as well as the first name of the boys and girls you choose. Are there any questions?"

A fourth set of scores were also gathered. These scores were the teachers' evaluation of the social acceptance of the subjects and were ranked from most accepted to least accepted.
CHAPTER IV

RESULTS

The results of this study will be presented in this chapter.

Following administration of the California Test of Personality, the SRA Junior Inventory and the questionnaire, each was scored and tabulated.

On the California all correct answers were counted. A high score indicates a high rating, while a low score indicates a low rating. These scores were then ranked from highest to lowest for each grade.

Scores on the SRA Junior Inventory represent only a count of the problems marked. Therefore on this inventory a small number indicates few problems or a high rating, while a large number represents many problems or a low rating. These scores were ranked from lowest to highest for each grade.

Responses on the questionnaire were tabulated in the following manner: When a child was chosen for any of the favorable activities listed a score of 1 was given. When a child was chosen as the one most disliked, a -1 was given and subtracted from the total. The child chosen most often would have a high number, while the child most disliked would usually show a minus figure. These scores were then ranked from highest to minus
numbers for each grade.

The teachers' evaluation of the pupils' social acceptance was given in rank order from most accepted to least accepted.

The scores of each class on each of the instruments were correlated by Spearman's Rank-Difference Correlation Method. ¹

Table I² reports the coefficient of correlation between the total scores on the California Test of Personality and Pupils' Preference of Classmates. The correlations range between .20 and .39 with an average of .28. These correlations are low and show a small but definite relationship.

Table II³ shows the coefficient of correlation between total scores on the SRA Junior Inventory and Pupils' Preference of Classmates. The correlations range between -.05 and .42, with an average of .20. It is most interesting to note that a correlation of .42 was found for the fifth graders, youngest of the children tested, and a -.05 for the eighth graders, the oldest group. The reason for this difference is not known to the writer.


² Table I, 19.

³ Table II, 20.
# TABLE I

**RANK-DIFFERENCE CORRELATION BETWEEN TOTAL SCORES ON THE CALIFORNIA TEST OF PERSONALITY AND PUPILS' PREFERENCE OF CLASSMATES**

<table>
<thead>
<tr>
<th>Population</th>
<th>No. of Cases</th>
<th>rho</th>
<th>Sign. Levels&lt;sup&gt;4&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>5th Grade</td>
<td>35 (18 Boys</td>
<td>.39</td>
<td>.05-.01</td>
</tr>
<tr>
<td></td>
<td>(17 Girls)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6th Grade</td>
<td>56 (22 Boys</td>
<td>.20</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>(34 Girls)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7th Grade</td>
<td>57 (28 Boys</td>
<td>.23</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>(29 Girls)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8th Grade</td>
<td>43 (21 Boys</td>
<td>.25</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>(22 Girls)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

# TABLE II

## RANK-DIFFERENCE CORRELATION BETWEEN TOTAL SCORES ON THE SRA JUNIOR INVENTORY AND PUPILS' PREFERENCE OF CLASSMATES

<table>
<thead>
<tr>
<th>Population</th>
<th>No. of Cases</th>
<th>rho</th>
<th>Sign. Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>5th Grade</td>
<td>35 (18 Boys, 17 Girls)</td>
<td>.42</td>
<td>.01</td>
</tr>
<tr>
<td>6th Grade</td>
<td>56 (22 Boys, 34 Girls)</td>
<td>.17</td>
<td>—</td>
</tr>
<tr>
<td>7th Grade</td>
<td>57 (28 Boys, 29 Girls)</td>
<td>.25</td>
<td>.05</td>
</tr>
<tr>
<td>8th Grade</td>
<td>43 (21 Boys, 22 Girls)</td>
<td>-.05</td>
<td>—</td>
</tr>
</tbody>
</table>

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5 Ibid.
TABLE III

RANK-DIFFERENCE CORRELATION BETWEEN TOTAL SCORES ON THE CALIFORNIA TEST OF PERSONALITY AND THE SRA JUNIOR INVENTORY

<table>
<thead>
<tr>
<th>Population</th>
<th>No. of Cases</th>
<th>rho</th>
<th>Sign. Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>5th Grade</td>
<td>35 (18 Boys, 17 Girls)</td>
<td>.59</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>6th Grade</td>
<td>56 (22 Boys, 34 Girls)</td>
<td>.56</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>7th Grade</td>
<td>57 (28 Boys, 29 Girls)</td>
<td>.71</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>8th Grade</td>
<td>43 (21 Boys, 22 Girls)</td>
<td>.68</td>
<td>&lt;.01</td>
</tr>
</tbody>
</table>

6 Ibid.
TABLE IV

RANK-DIFFERENCE CORRELATION BETWEEN TOTAL SCORES ON THE CALIFORNIA TEST OF PERSONALITY AND TEACHER'S EVALUATION OF STUDENTS' SOCIAL ACCEPTANCE

<table>
<thead>
<tr>
<th>Population</th>
<th>No. of Cases</th>
<th>rho</th>
<th>Sign. Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>5th Grade</td>
<td>35 (18 Boys, 17 Girls)</td>
<td>.41</td>
<td>.01</td>
</tr>
<tr>
<td>6th Grade</td>
<td>56 (22 Boys, 34 Girls)</td>
<td>.14</td>
<td>—</td>
</tr>
<tr>
<td>7th Grade</td>
<td>57 (28 Boys, 29 Girls)</td>
<td>.35</td>
<td>.01</td>
</tr>
<tr>
<td>8th Grade</td>
<td>43 (21 Boys, 22 Girls)</td>
<td>.28</td>
<td>—</td>
</tr>
</tbody>
</table>

7 Ibid.
### TABLE V

**RANK-DIFFERENCE CORRELATION BETWEEN TOTAL SCORES ON THE SRA JUNIOR INVENTORY AND TEACHERS' EVALUATION OF STUDENTS' SOCIAL ACCEPTANCE**

<table>
<thead>
<tr>
<th>Population</th>
<th>No. of Cases</th>
<th>rho</th>
<th>Sign. Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>5th Grade</td>
<td>35 (18 Boys, 17 Girls)</td>
<td>.59</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>6th Grade</td>
<td>56 (22 Boys, 34 Girls)</td>
<td>.12</td>
<td>-</td>
</tr>
<tr>
<td>7th Grade</td>
<td>57 (28 Boys, 29 Girls)</td>
<td>.32</td>
<td>.01</td>
</tr>
<tr>
<td>8th Grade</td>
<td>43 (21 Boys, 22 Girls)</td>
<td>.21</td>
<td>-</td>
</tr>
</tbody>
</table>

---

8 Ibid.
TABLE VI

RANK-DIFFERENCE CORRELATION BETWEEN PUPILS' PREFERENCE OF CLASSMATES AND TEACHERS' EVALUATION OF STUDENTS' SOCIAL ACCEPTANCE

<table>
<thead>
<tr>
<th>Population</th>
<th>No. of Cases</th>
<th>rho</th>
<th>Sign. Levels $^9$</th>
</tr>
</thead>
<tbody>
<tr>
<td>5th Grade</td>
<td>35 (18 Boys</td>
<td>.63</td>
<td>&lt; .01</td>
</tr>
<tr>
<td></td>
<td>17 Girls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6th Grade</td>
<td>56 (22 Boys</td>
<td>.45</td>
<td>&lt; .01</td>
</tr>
<tr>
<td></td>
<td>34 Girls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7th Grade</td>
<td>57 (28 Boys</td>
<td>.31</td>
<td>.05-.01</td>
</tr>
<tr>
<td></td>
<td>29 Girls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8th Grade</td>
<td>43 (21 Boys</td>
<td>.25</td>
<td>－</td>
</tr>
<tr>
<td></td>
<td>22 Girls</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

$^9$ Ibid.
However, it may be that the younger children were more free in truthfully checking their problems, while the older ones were less inclined or even refused to reveal their problems.

Table III\(^{10}\) reports the coefficient of correlation between the total scores on the California Test of Personality and the SRA Junior Inventory. The correlations range from .56 to .71 with an average of .64. These rather high correlations indicate that the two inventories do cover the same material to a great degree and that there is a substantial relationship between them.

Table IV\(^{11}\) shows the coefficient of correlation between total scores on the California Test of Personality and the Teachers' Evaluation of Students' Social Adjustment. The correlations range between .14 and .41 with an average of .30. Again, these correlations are low, and show a small but definite relationship.

Table V\(^{12}\) reports the coefficient of correlation between total scores on the SRA Junior Inventory and the Teachers' Evaluation of Students' Social Adjustment. The correlations range between .21 and .59 with an

\(^{10}\) Table III, 21.

\(^{11}\) Table IV, 22.

\(^{12}\) Table V, 23.
average of .31. It is most interesting to note that the youngest children (5th grade) show a substantial relationship of .59, whereas the others are low. The reason for this difference in correlation is not evident. Again, the writer surmises that the younger children would be more willing to expose their problems.

Table VI\textsuperscript{13} shows the coefficient of correlation between Pupils' Preference of Classmates and Teachers' Evaluation of Students' Social Acceptance. The correlations range between .02 for the oldest children to .63 for the youngest. There is a significant relationship for the youngest group (5th grade), low relationship for the sixth and seventh grades, and none for the oldest (8th grade). Moreno reported in his original study\textsuperscript{14} that teacher and pupil judgments tended to agree with the extremes in position, but their estimates varied more widely in regard to those pupils whose popularity lay between the two extremes. 48\% of those most frequently chosen by the students were identified as such by the teacher, and 38\% of the least chosen were so identified. He further states that the intricacies of

\begin{table}[h]
\centering
\begin{tabular}{|c|c|}
\hline
Grade & Correlation  \\
\hline
5th & .63  \\
6th & .31  \\
7th & .26  \\
8th & .02  \\
\hline
\end{tabular}
\caption{Correlation between Pupils' Preference of Classmates and Teachers' Evaluation of Students' Social Acceptance.}
\end{table}

\textsuperscript{13} Table VI, 24.

\textsuperscript{14} Jacob L. Moreno, "Who Shall Survive," Nervous and Mental Disease Monograph Series No. 58, Washington, D. C., 1934, 23-53.
the children's own complicated and changing associations prevent the teacher from having true insight, and this fact appears as one of the great handicaps in the development of teacher-child relationships.

Some interesting results were revealed in individual cases. One boy was chosen as most liked 24 times by his classmates. The teacher also ranked him as most accepted. He scored high on the California Test of Personality, but not the highest, and listed few problems.

In the same class one boy was chosen 36 times as most disliked. He scored rather low on the California and the teacher ranked him 49 out of 57 in social acceptance. He listed only 10 problems, whereas some other pupils listed as many as 50 or 60.

In another class one boy was chosen 40 times as most liked. He ranked 13 on the California and was chosen 7th by the teacher in social acceptance. He listed 32 problems.
CONCLUSIONS

The main purpose of this study was to investigate in school children of homogenous background the relationship between personality traits and social preference of classmates. At the same time these results were compared with the teachers' evaluation of the pupils' social acceptance.

The procedure followed was administering the California Test of Personality—Elementary Form AA, the SRA Junior Inventory, and a questionnaire on preference of classmates, to 191 students from grades five to eight in a parochial school. Each of the teachers were also requested to rank their pupils for social acceptance, from most accepted to least accepted.

These scores were correlated by Spearman's Rank-Difference Correlation Method and the following conclusions reached:

1) Results with the California Test of Personality show too little relationship with social preference among classmates to be considered significant.

2) Results with the SRA Inventory are not consistent with preference of classmates. No significant relationship is revealed.

3) There is little relationship between the teachers' evaluation
of students' social acceptance and the ratings on either of the inventories used. Although there is a small positive correlation, it is not large enough to be considered significant.

4) There is a small positive relationship between the pupils' preference of classmates and the teachers' evaluation of the students' preference among younger children, but even this slight relationship consistently diminishes between the fifth and eighth grades. The relationship for the younger children is significantly higher than for the older ones. The writer believes the younger children freely reveal their preferences and are not as reserved about their preferences as the older ones would be, and accounts partially for this difference.

5) The two inventories, the California Test of Personality and the SRA Junior Inventory, show positive correlations ranging from .56 to .71 with an average of .64.

6) Findings in this study approximate those reported in other similar studies. Similar findings were reported by M. E. Bonney in Sociometry.¹ He attempted to determine the relationship between social preferences, particularly pairs of mutual friends, and several factors;

namely, academic achievement, intelligence, interests, socio-economic home background and personality traits.

Bonney used the California Test of Personality and the Bell Adjustment Inventory and compared results with choice of companions for certain activities. Results showed that there is little association between personality traits and friendship formation on the elementary school level.
BIBLIOGRAPHY


Clark, Willis W., Thorpe, Louis P., and Tiegs, Ernest W., California Test of Personality Manual, Form AA, California Test Bureau, Los Angeles, California, 1953 Revision.


Elementary Grades 4-5-6-7-8

Califonia Test of Personality

1953 Revision

Devised by
LOUIS P. THORPE, WILLIS W. CLARK, AND ERNEST W. TIEGS

Do not write or mark on this booklet unless told to do so by the examiner.

<table>
<thead>
<tr>
<th>Name</th>
<th>Grade</th>
<th>Boy</th>
<th>Girl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last</td>
<td>First</td>
<td>Middle</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>School</th>
<th>City</th>
<th>Date of Test</th>
<th>Month</th>
<th>Day</th>
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<table>
<thead>
<tr>
<th>Examiner</th>
<th>Pupil's Age</th>
<th>Birth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Month</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This booklet must be returned to the examiner at the end of the test.

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1 2 3 4 5 6 7 8 9 0
INSTRUCTIONS TO PUPILS

DO NOT WRITE OR MARK ON THIS TEST BOOKLET UNLESS TOLD TO DO SO BY THE EXAMINER.

You are to decide for each question whether the answer is YES or NO and mark it as you are told. The following are two sample questions:

SAMPLES
A. Do you have a dog at home? YES NO
B. Can you ride a bicycle? YES NO

DIRECTIONS FOR MARKING ANSWERS

ON ANSWER SHEETS
Make a heavy black mark under the word YES or NO to show your answer. If you have a dog at home, you would mark under the YES for question A as shown below. If you cannot ride a bicycle, you would mark under the NO for question B as shown below.

YES NO
A
B

Remember, you mark under the word that shows your answer. Now find Samples A and B on your answer sheet and show your answer for each by marking YES or NO. Do it now. Find answer row number 1 on your answer sheet. Now wait until the examiner tells you to begin.

ON TEST BOOKLETS
- Draw a circle around the word YES or NO, whichever shows your answer. If you have a dog at home, draw a circle around the word YES in Sample A above; if not, draw a circle around the word NO. Do it now.

If you can ride a bicycle, draw a circle around the word YES in Sample B above; if not, draw a circle around the word NO. Do it now.

Now wait until the examiner tells you to begin.

After the examiner tells you to begin, go right on from one page to another until you have finished the test or are told to stop. Work as fast as you can without making mistakes. Now look at item 1 on page 3. Ready, begin.
SECTION 1 A

1. Do you usually keep at your work until it is done? YES NO
2. Do you usually apologize when you are wrong? YES NO
3. Do you help other boys and girls have a good time at parties? YES NO
4. Do you usually believe what other boys or girls tell you? YES NO
5. Is it easy for you to recite or talk in class? YES NO
6. When you have some free time, do you usually ask your parents or teacher what to do? YES NO
7. Do you usually go to bed on time, even when you wish to stay up? YES NO
8. Is it hard to do your work when someone blames you for something? YES NO
9. Can you often get boys and girls to do what you want them to? YES NO
10. Do your parents or teachers usually need to tell you to do your work? YES NO
11. If you are a boy, do you talk to new girls? If you are a girl, do you talk to new boys? YES NO
12. Would you rather plan your own work than to have someone else plan it for you? YES NO

SECTION 1 B

13. Do your friends generally think that your ideas are good? YES NO
14. Do people often do nice things for you? YES NO
15. Do you wish that your father (or mother) had a better job? YES NO
16. Are your friends and classmates usually interested in the things you do? YES NO
17. Do your classmates seem to think that you are not a good friend? YES NO
18. Do your friends and classmates often want to help you? YES NO
19. Are you sometimes cheated when you trade things? YES NO
20. Do your classmates and friends usually feel that they know more than you do? YES NO
21. Do your folks seem to think that you are doing well? YES NO
22. Can you do most of the things you try? YES NO
23. Do people often think that you cannot do things very well? YES NO
24. Do most of your friends and classmates think you are bad in? YES NO
25. Do you feel that your folks boss you too much? **YES NO**

26. Are you allowed enough time to play? **YES NO**

27. May you usually bring your friends home when you want to? **YES NO**

28. Do others usually decide to which parties you may go? **YES NO**

29. May you usually do what you want to during your spare time? **YES NO**

30. Are you prevented from doing most of the things you want to? **YES NO**

31. Do your folks often stop you from going around with your friends? **YES NO**

32. Do you have a chance to see many new things? **YES NO**

33. Are you given some spending money? **YES NO**

34. Do your folks stop you from taking short walks with your friends? **YES NO**

35. Are you punished for lots of little things? **YES NO**

36. Do some people try to rule you so much that you don’t like it? **YES NO**

37. Do pets and animals make friends with you easily? **YES NO**

38. Are you proud of your school? **YES NO**

39. Do your classmates think you cannot do well in school? **YES NO**

40. Are you as well and strong as most boys and girls? **YES NO**

41. Are your cousins, aunts, uncles, or grandparents as nice as those of most of your friends? **YES NO**

42. Are the members of your family usually good to you? **YES NO**

43. Do you often think that nobody likes you? **YES NO**

44. Do you feel that most of your classmates are glad that you are a member of the class? **YES NO**

45. Do you have just a few friends? **YES NO**

46. Do you often wish you had some other parents? **YES NO**

47. Is it hard to find friends who will keep your secrets? **YES NO**

48. Do the boys and girls usually invite you to their parties? **YES NO**
49. Have people often been so unfair that you gave up?  

50. Would you rather stay away from most parties?  

51. Does it make you shy to have everyone look at you when you enter a room?  

52. Are you often greatly discouraged about many things that are important to you?  

53. Do your friends or your work often make you worry?  

54. Is your work often so hard that you stop trying?  

55. Are people often so unkind or unfair that it makes you feel bad?  

56. Do your friends or classmates often say or do things that hurt your feelings?  

57. Do people often try to cheat you or do mean things to you?  

58. Are you often with people who have so little interest in you that you feel lonesome?  

59. Are your studies or your life so dull that you often think about many other things?  

60. Are people often mean or unfair to you?  

61. Do you often have dizzy spells?  

62. Do you often have bad dreams?  

63. Do you often bite your fingernails?  

64. Do you seem to have more headaches than most children?  

65. Is it hard for you to keep from being restless much of the time?  

66. Do you often find you are not hungry at meal time?  

67. Do you catch cold easily?  

68. Do you often feel tired before noon?  

69. Do you believe that you have more bad dreams than most of the boys and girls?  

70. Do you often feel sick to your stomach?  

71. Do you often have sneezing spells?  

72. Do your eyes hurt often?
<table>
<thead>
<tr>
<th>Question</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you think that the boys and girls at school like you as well as they should?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you think that the children would be happier if the teacher were not so strict?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Is it fun to do nice things for some of the other boys or girls?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Is school work so hard that you are afraid you will fail?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do your schoolmates seem to think that you are nice to them?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Does it seem to you that some of the teachers “have it in for” pupils?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do many of the children get along with the teacher much better than you do?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Would you like to stay home from school a lot if it were right to do so?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Are most of the boys and girls at school so bad that you try to stay away from them?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Have you found that some of the teachers do not like to be with the boys and girls?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do many of the other boys or girls claim that they play games more fairly than you do?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Are the boys and girls at school usually nice to you?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you visit many of the interesting places near where you live?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you think there are too few interesting places near your home?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you sometimes do things to make the place in which you live look nicer?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you ever help clean up things near your home?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you take good care of your own pets or help with other people’s pets?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you sometimes help other people?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you try to get your friends to obey the laws?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you help children keep away from places where they might get sick?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Do you dislike many of the people who live near your home?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Is it all right to do what you please if the police are not around?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Does it make you glad to see the people living near you get along fine?</td>
<td>YES/NO</td>
</tr>
<tr>
<td>Would you like to have things look better around your home?</td>
<td>YES/NO</td>
</tr>
</tbody>
</table>
List of Words

Sometimes young people find words in this booklet that they don’t understand. If you find a word you don’t know, look for it in the list below. It may help you understand it. If the word isn’t in the list, ask your teacher.

BASHFUL—A bashful person feels funny among strangers.
BOSSY—A bossy person likes to order everybody around.
BREATHE—You breathe when air goes in and out your nose and mouth.
CRABBY—A crabby person is cross and cranky.
DIZZY—When you feel dizzy, you feel like you are going round and round and are falling down.
GYM—Gym is the school class in which you play games and do exercises.
ITCH—If you itch, you want to scratch.
NERVOUS—A nervous person gets excited and bothered a lot.
"PEP"—Somebody who has "pep" has lots of energy.
PIMPLES—Pimples are little red bumps on the skin.
SNEEZE—When you sneeze, you go "kerchoo." Pepper makes you sneeze.
SOCIAL STUDIES—Geography and history are social studies.
SORES—Sores are places on the skin that hurt.
"SPOILED"—A "spoiled" kid always gets his own way at home.
STOMACH—The stomach is the place food goes after you eat it.
THUMPING—Thumping is a noise like pounding or knocking.
2. Sometimes it hurts when I breathe
3. I get out of breath when I run or play
4. I cough a lot in the morning
5. My feet hurt when I play
6. My feet hurt all the time
7. I have sores between my toes
8. My eyes itch
9. My eyes hurt a lot
10. Sometimes my ears hurt
11. My nose bleeds a lot
12. My teeth hurt
13. My head hurts a lot
14. My throat hurts a lot
15. My chest hurts
16. I have a thumping in my chest
17. My stomach hurts a lot
18. My back hurts
19. My arms hurt a lot
20. My hand hurts a lot
21. My fingers hurt
22. I can’t hold on to my pencil
23. My legs hurt a lot
24. My hand shakes too much
25. Sometimes I get real dizzy
26. I get tired of sitting
27. I have little sores on my skin
28. I have to pick my nose a lot
29. I sneeze a lot
32. I'm sick a lot
33. I have a lot of colds
34. I "throw up" a lot
35. I have no "pep"
36. I can't hear very well
37. I can't see very well
38. I am hungry a lot
39. I don't like to eat
40. I am always so sleepy
41. I am not strong enough
42. I am too fat
43. I am too thin
44. My glasses make my eyes hurt
45. Sometimes I wet my bed

Getting Along With Other People

46. I need more friends
47. I can't make friends with very many kids
48. I can't run as fast as the other kids
49. I don't like people
50. People don't like me very much
51. People are too bossy
52. People treat me like a little kid
53. People make fun of me
54. People won't answer my questions
55. People don't think I'm ever right
56. People won't help me
57. I'm afraid of people
60. People think I'm too loud
61. People think I'm too crabby
62. I fight too much
63. I always say the wrong thing at the wrong time
64. The kids call me names
65. The kids pick on me
66. The kids chase me home
67. The kids won't play with me
68. The girls don't like to play with me
69. The boys don't like to play with me
70. I'd rather play with little kids
71. The kids think I'm too smart
72. The kids laugh at me
73. I'm afraid to talk to people
74. I'd like to have at least one good friend
75. People don't like my friends
76. I'd like to learn how to dance
77. I wish people would leave me alone
78. Nobody likes me
79. People hurt my feelings
80. I don't know how to act at a party
81. I don't like the girls
82. I don't like the boys
83. I can't work with people
84. I don't know how to talk to people
85. I don't know why people get mad at me
86. I'd like to know more about boys
87. I'd like to know more about girls
90. I don’t like our school books
91. I don’t like arithmetic
92. I don’t like spelling
93. I don’t like reading
94. I don’t like writing
95. I don’t like history
96. I don’t like geography
97. I don’t like social studies
98. I don’t like gym
99. I don’t like music
100. I don’t like art
101. I don’t get good grades in school
102. I don’t see why I have to go to school
103. I can’t remember my schoolwork
104. I’d like to find some good books to read
105. I’d like to join a club in school
106. I’d like to have a garden at school
107. I’d like to paint more in school
108. I’d like to have more music in school
109. I’d like to do more things in school
110. Our schoolroom gets too hot
111. Our schoolroom gets too cold
112. Our schoolroom is too dark
113. Our schoolroom is too dirty
114. I can’t read very well
115. I can’t write very well
116. I can’t spell very well
117. I can’t do arithmetic very well
120. I’m not smart enough
121. I don’t like teachers
122. Teachers pick on me
123. Teachers make fun of me
124. Teachers won’t answer my questions.
125. Teachers use words I don’t know
126. Teachers don’t help me
127. Teachers don’t like me
128. Teachers are too bossy
129. I’m afraid of teachers
130. I don’t have any fun in school
131. I’d like to quit school now
132. My schoolwork is too easy

About Myself

133. I am not nice-looking
134. I bite my fingernails too much
135. I’m afraid someone will hit me
136. I can’t do anything right
137. I feel bad about things I do
138. I tell too many lies
139. I feel mad most of the time
140. I’m afraid my mother or daddy might die
141. Sometimes I wish I was dead
142. Sometimes I have to steal things
143. I swear too much
144. I get mad too much
145. I do things I shouldn’t do
146. I want to be good and I can’t
<table>
<thead>
<tr>
<th>Number</th>
<th>Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>149</td>
<td>I worry too much</td>
</tr>
<tr>
<td>150</td>
<td>I'd like to be a boy</td>
</tr>
<tr>
<td>151</td>
<td>I'd like to be a girl</td>
</tr>
<tr>
<td>152</td>
<td>I can't talk very well</td>
</tr>
<tr>
<td>153</td>
<td>I'd like more clothes</td>
</tr>
<tr>
<td>154</td>
<td>I'd like a pet animal</td>
</tr>
<tr>
<td>155</td>
<td>I'm afraid of animals</td>
</tr>
<tr>
<td>156</td>
<td>I wish I could do more things by myself</td>
</tr>
<tr>
<td>157</td>
<td>I'd like to get a job</td>
</tr>
<tr>
<td>158</td>
<td>I wish I was good in games</td>
</tr>
<tr>
<td>159</td>
<td>I'm afraid of loud noises</td>
</tr>
<tr>
<td>160</td>
<td>I'm afraid of the doctor</td>
</tr>
<tr>
<td>161</td>
<td>I'm afraid of the dentist</td>
</tr>
<tr>
<td>162</td>
<td>I'm afraid of the dark</td>
</tr>
<tr>
<td>163</td>
<td>I'm afraid to be home alone at night</td>
</tr>
<tr>
<td>164</td>
<td>I'd like to know what I'm going to be when I grow up</td>
</tr>
<tr>
<td>165</td>
<td>I am too nervous</td>
</tr>
<tr>
<td>166</td>
<td>I am too short</td>
</tr>
<tr>
<td>167</td>
<td>I am too tall</td>
</tr>
<tr>
<td>168</td>
<td>I am too bashful</td>
</tr>
<tr>
<td>169</td>
<td>I am too loud</td>
</tr>
<tr>
<td>170</td>
<td>I am too careless</td>
</tr>
<tr>
<td>171</td>
<td>I am too bossy</td>
</tr>
<tr>
<td>172</td>
<td>I am too crabby</td>
</tr>
<tr>
<td>173</td>
<td>I can't go to sleep at night</td>
</tr>
<tr>
<td>174</td>
<td>I have bad dreams</td>
</tr>
<tr>
<td>175</td>
<td>I talk too much</td>
</tr>
<tr>
<td>176</td>
<td>I can't sit still</td>
</tr>
</tbody>
</table>
179. I'd like to have my own room
180. I don't like to take music lessons
181. I don't like to rest when the other kids are playing
182. I wish I could take music lessons
183. I wish I could go to more movies
184. I don't have enough things to play with
185. I wish we had a nice house
186. I don't like my home
187. I wish my daddy was home more
188. I wish my mother would come back
189. I'd like to have a brother or sister
190. I don't like my clothes
191. I wish I didn't have a brother
192. I wish I didn't have a sister
193. I wish my daddy would play with me more
194. I wish my mother would play with me more
195. My mother is too bossy
196. My daddy is too bossy
197. My brother is too bossy
198. My sister is too bossy
199. I don't like my brother
200. I don't like my sister
201. I wish my mother liked me more
202. I wish my daddy liked me more
203. My mother and daddy often fight
204. My mother treats me like a little kid
205. My daddy treats me like a little kid
206. My mother won't help me
209. My mother makes fun of me.
210. My daddy makes fun of me.
211. My mother doesn't think I'm ever right.
212. My daddy doesn't think I'm ever right.
213. My mother won't answer my questions.
214. My daddy won't answer my questions.
215. I'm afraid of my mother.
216. I'm afraid of my daddy.
217. I'm afraid of my sister.
218. I'm afraid of my brother.
219. My home gets too hot.
220. My home gets too cold.
221. My home is too dark.
222. My home is too dirty.
223. I have to do too much work at home.
QUESTIONNAIRE

(1) Which one of your classmates would you like to have seated next to you?

(2) Which one do you like second best?

(3) Which one of your classmates would be your first choice as a playmate?

(4) Which boy in the class do you like best?

(5) Which girl in the class do you like best?

(6) Who in the classroom do you like least?

NAME
The thesis submitted by Miss Mary Brudny has been read and approved by three members of the Department of Psychology.

The final copies have been examined by the director of the thesis and the signature which appears below verifies the fact that any necessary changes have been incorporated, and that the thesis is now given final approval with reference to content, form, and mechanical accuracy.

The thesis is therefore accepted in partial fulfillment of the requirements for the Degree of Master of Arts.

May 11, 1957
Date

Signature of Advisor