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ABSTRACT

Approximately 823 people were interviewed in a study that sought to determine (1) whether newspaper reliant and television reliant people think about political information in the same manner, and (2) what inferences can be drawn from the viewing of cognitive structures if one assumes a causal ordering from cognitive structure--level of differentiation to the media attended. Political information in the form of national and international political issues were scaled multidimensionally among four political interest/media reliant groups. Each respondent was asked how related two issues were by assigning to each dyad a score from 0-100. Multidimensional scaling and cluster analysis of the data showed that newspaper reliance, whether of higher or lower interest, was associated with a more developed understanding of political information. It also provided evidence that only when television reliance is combined with lower levels of political interest is there a demonstrable difference in the cognitive space allocated to at least some political issues. The findings suggested that reliance, across levels of political interest, has meaning. Further, that television does not necessarily impede the ability to access and use political information. (HOD)

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A First Step Toward a  
Search for Meaning in  
the Reliance--Political  
Interest Typology

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## A First Step Toward a Search for Meaning in the Reliance--Political Interest Typology

Previous studies have demonstrated media dependency and media reliance to be rather slippery notions to document empirically or, especially, to define conceptually. Dependency seems to have become fairly removed from its most often cited origin in DeFleur and Ball-Rokeach (1975). Reliance, often a surrogate for dependence, has been addressed more in recent articles, but exactly what it is or what one should predict based on whether a person is television or newspaper reliant is still mostly uncertain.

Various studies have presented data showing newspaper dependent people to be more knowledgeable (Becker, Sobowale and Casey 1979; Becker and Whitney 1980; McLeod, Luetscher and McDonald 1980), to have more trust in the political system (Miller, Goldenberg and Erbring 1979; Becker and Whitney 1980; Becker, Sobowale and Casey 1979; Becker and Fruit 1979), and to feel more politically efficacious (Robinson 1976; Becker and Fruit 1979; Miller, Goldenberg and Erbring 1979; Miller and Reese 1980). Two more recent studies have called into question the "good" newspapers versus the "bad" television ideas by looking at reliance across levels of political interest (Petty 1983; Petty 1984). All of these studies appear rooted in the question of whether one's reliance on a given medium affects one's knowledge and view of the political world.

This study will attempt to answer two questions (1) Do newspaper reliant and television reliant people think about political information in the same manner. More specifically, what inferences can be drawn about the cognitive structures of newspaper and television reliant people, since it will be argued that it is from there that meaning is derived and (2) What inferences can be drawn about the relationship of media reliance and political information if one assumes the opposite causal ordering from most previous studies? That is that one's cognitive structure--or quantity and quality of information about politics--causes one to seek sources of information that is mostly consistent in quality

and quantity with individual's cognitive structure? In other words, is there at least a reciprocal causal assumption that may help one understand this relationship between reliance and political information? (3) Finally, can a non-mainstream methodology be used to help delineate the differences in cognitive structures?

This paper will argue that the meaning of all concepts--including political ones--must be developed individually by each of us. Further, that the way we relate one concept to another and the degree to which we detail the concepts within a certain grouping of concepts, is learned through experience and interaction with the people around us through some socialization process. Finally, that even the best manner to maintain these relations of concepts (cognitive structures) is transmitted socially through a media preference.

#### MEANING AS A CONCEPTUAL, SYMBOLIC PROCESS

An individual must perceive and organize reality for him or herself. Each individual must build his or her own conceptual model based on meanings that have been internally stored. These elements of conceptual meaning--symbols--either discursive (words, language) or presentational (artistic, pictorial, non-linguistic) must be founded originally in each individual's experience. But one can never fully reproduce reality in either words or pictures. Every mental image or verbal attempt to represent reality either internally or externally to someone else must be in terms of a conceptual model. By the very nature of modeling, certain aspects of a concept are highlighted while others are ignored. Thus the conceptual images associated with a given word or image are apt to be somewhat different for different individuals.

Though most of us in a particular culture or society experience certain similarities in types of experiences during the life span (birth, childhood, education, marriage), the particulars of the experience (temporally, geographically and qualitatively) are all different.

The reality or social reality of the experience, then, is different for each of us--even to the exact meaning we attach to the simplest of symbols. For example, when someone says dog, each of us pictures a prototype dog mentally. Yet what this concept, dog, means to each of us--even the mental image supplied--is somewhat different. One person pictures a beagle, another a Great Dane. Language, then, is an attempt to transfer concepts from one individual to another, imperfectly through concepts that have some common meaning. The transfer of concepts is an inexact, approximate process, where most people are unable to gather a complete picture of the concept because of differences of internal meaning. Pocock (1971) argues that language always conveys more than we intend--surplus meaning. By the same argument language always conveys less than we intend.

The obvious tools for the modeling and the transfer of the concepts are words. If words are only elements of the concepts, which are only models of the reality they represent, and if the meaning of the concepts is based on an internal configuration, it would seem clear that communication between individuals under the best of circumstances is sketchy and incomplete. In Newcomb's (1959) terms, communication is limited by the difference in orientation of the communicators to the object of communication. The difference in orientation (the differences in the communicator's conceptual models) can account for the often heard comment: "I just can't communicate with him," and also for respondents' frustrations of having to fit their cognitive structural meaning of a question into a set of answers supplied via another cognitive structure (the researcher's).

POLITICAL INFORMATION AND COGNITIVE STRUCTURE

One set of inferences that can be drawn from the reliance studies is that television and newspaper reliance are actually phenomena resulting from certain social-level constraints, both directly and indirectly. One could argue that social groups actually attempt to influence appropriate media for its members to use. Certainly at least to some limited extent one could argue that more

educated people and people of higher social status would put higher priorities on printed material than would lesser educated people and people of a lower social status. This direct effect, though probably supportable, does not supply enough understanding to be satisfying.

Instead, let us pursue a more indirect effect. Most of the questions of reliance have dealt with reliance on a medium for political information. Salience, importance and eventually interest in politics certainly do not spring fully developed within the minds of individuals. Attention to political information must be nurtured within the individual through a socialization process (Silbiger 1977; Beck 1977). Meaning must be developed by the individual over time. Different socialization agents would differentially stress the level (quantity) and type (quality) of information that the individual should hold. This would vary across agents and individuals. Political-participant groups, for example, would stress high cognitive differentiation of things political. But a conservative Republican would arrange the cognitive framework differently than would a liberal Democrat, even though both groups might stress high levels of differentiation and organization of political information.

If one can hypothesize differences such as these among more highly politically motivated people, certainly it seems reasonable to assume that there should be fundamental differences between people who are more and less motivated to attend, understand and store political information.

RELIANCE AND DIFFERENTIATION OF POLITICAL INFORMATION

What may be worth a reminder here is that reliance is commonly operationalized as the medium one relies on for political information and current affairs. One might get a different response to the reliance question if one asked about science information, cooking recipes or information in general. It then seems reasonable when examining political information holding and political attitudes to also take into account how interested a person claims to be in that type of information. Individuals and groups of individuals differ in the level of



importance they place on political information. This leads to one further notion worthy of note here. Most researchers (this author included) who are concerned about levels of political knowledge holding are highly concerned about political information and political activities in general. This inflicts a bias on respondents who do not hold the "correct amount" of political information. People probably should not be considered improperly informed or deviant because they hold less informed opinions at a particular time than politicians. While one can make many rational arguments why persons ought to hold certain levels of information, higher levels of political information could conceivably be dysfunctional for many persons. For example, the amount of time it takes to remain "informed" may be prohibitive for people who see their political duty as voting once every four years.

Given that individuals perceive differing political information needs, they would likely perceive differing media strategies as most appropriate to satisfy those needs. The quantity and quality of the political information needs for an individual or group of individuals differ. One way the quality and quantity of political information can vary is by source. Magazines probably more than any other medium present not only a great many facts, but even the "news" magazines present a viewpoint, a context for more complete understanding of the information. Television on the other hand, presents fewer, though usually more temporally salient bits of information. But its presentation has much less linkage between items (less context). One would assume that persons who felt they needed more complete, contextual information would tend to seek out printed sources of information. While those who feel they need only a temporal, topical understanding may generally be satisfied with television news. Persons who put less importance on contextual detail of political information may choose broadcast media as their primary news source.

## SYMBOLS, MEANING AND THE MEDIA

Let us approach this from yet a slightly different perspective. The skills needed to use media differ. If one assumes that it would be difficult for a person with a cognitive structure that was undifferentiated for political information to assimilate a complex piece of political information because the structure was too different from the message, one could argue that the structure of the particular medium (symbols and symbol structure) may also be difficult for the individual to assimilate if the person's cognitive structure (concept, symbol arrangement) differs too greatly from the medium's.

Saloman (1979) argues:

[T]hat different symbol systems, even when representing the same content, differ with respect to the amount of mental translation from external symbol system to internal mode that they require. Second, I propose that symbol systems call on qualitatively and quantitatively different mental skills, knowledge-acquisition outcomes can be expected to vary respectively.

Later he continues:

On the basis of these arguments, it becomes possible to speak of ease of extracting information from symbolically coded messages. One symbol system does not communicate better than another. It calls for better-mastered skills than another.

From Saloman's perspective one could argue that persons who do not need to read to perform activities outside of their use of media and tend to use television for entertainment, for example, would tend not to use print media for their news information. People, then, who have been heavily socialized to reading for other purposes would probably also have been socialized to using print for their news source. So that people who hold political information salient will tend toward more differentiation of the political information, and further that those who tend toward print information for other than media use will tend toward print for their news source also.

Now reliance may re-enter. To the implicit hypotheses above add the following argument, which is derived from the second part of Saloman above. If



television use and newspaper use (or print and broadcast in general) have qualitatively and quantitatively different symbol systems, the knowledge acquired from them should be somewhat different. The more contextual print information should yield cognitive structures that are more interconnected, differentiated if you will. The broadcast information that is less contextualized should yield a cognitive structure that is less interconnected, more topical. One would, based on this rationale, expect print reliant people to have more context for their understanding of political information, a more differentiated cognitive space. A phenomenon that does not necessarily lend itself to direct exposure through particular "knowledge items."

#### DEFINITIONS AND HYPOTHESES

This discussion has now progressed far enough to attempt some definitions and explicit hypotheses.

Reliance on a medium for political information is a complex statement of preference that exists at two levels. On a group level, it reflects the success of socialization by an agent or agents to pass on the agent's preferred media use pattern for political information and with it the agent's relative importance of political knowledge holding, in terms of the degree of differentiated information about political systems and the symbol systems most conducive for its acquisition. And also with an individual level component, constrained by the individual's idiosyncratic interests and perceived needs.

Elizabeth Noelle-Neumann (1974) found that younger people, urban dwellers, higher income people, men and higher status job holders all were more willing to discuss the hypothetical issues on her hypothetical train ride than were older, rural, lower income people, women, and people who held lower status jobs. Though she found these group-related differences, she chose to ignore them and examined "the survey results without further breakdowns into these demographic groups," because, she said, the differences held for all findings. These demographic groups are, of course, some of the very groups one would expect to have

potential for significant impact on how an individual constructs his or her own conceptual arrangement.

The mere differentiation among groups and within levels of a group may be interesting, but the nature of the difference might be of more interest. Zajonc (1954, 1960) argues that the complexity and differentiation of a person's cognitive structure is greater for transmitters of information than for the receivers. It would seem reasonable to argue, then, that individuals who more often discuss political information would have a more differentiated cognitive space for political information. In that political interest and the level of political discussion are positively related (McLeod, Bybee and Durall 1979), and that political discussion tends to lead to increased media use for information (Tan 1980; Patterson 1980) political interest is here defined as a concern with political issues that manifests itself through interpersonal communication regarding current events, social and governmental positions and activities.

H1. The high political interest groups will have a more differentiated cognitive space than the low political interest groups.

Chaffee, McLeod and Wackman (1973) in a study about family communication patterns found that SES variables (an index of husband's occupation and education, wife's education, family income and perceived social status) were positively related with concept-oriented information and negatively related with socio-oriented communication. Socio-oriented communication are communication patterns that stress maintaining "harmonious personal relationships with parents and others. He may be advised to give in on arguments, avoid controversy, repress anger, and generally keep away from trouble."

Concept-oriented communication are communication patterns where the "child is stimulated to express his ideas and to challenge other's beliefs. He is frequently exposed to both sides of an issue, and takes part in controversial discussion with adults."

It would seem reasonable to argue that groups who tend more toward concept-oriented communication patterns should have, at least about political ideas and issues, more complex and differentiated conceptual structures than those who tend toward socio-oriented communication patterns.

Newspaper reliant is also generally positively related to SES variables, particularly education and income (Reese and Miller 1980).

H2. Newspaper reliant people will have a more differentiated cognitive space for political information than will television reliant people.

If, as other studies have noted, the low interest television reliant group attends the least amount of political information, one would expect these individuals to have the least need for political information on the whole and the least desire for depth of understanding.

H3. The LTV group will show the least differentiated cognitive space.

Many of the same studies noted that the highly politically interested newspaper reliant groups attend the most political information. Thus, probably demonstrating a higher need for quantity and likely a greater desire for depth of understanding than other groups.

H4. The HNP group will show the most differentiated cognitive space.

## METHODS

### Sample

The sample was drawn by sampling the 40 telephone exchanges within Dane County, Wisconsin, proportionally to the number of private telephone lines with random digit dialing within the exchanges.

Some 823 people were interviewed by trained, upper-level undergraduates and graduate students during the last two weeks of October, 1983, as part of a research methods class project.

## Analysis

Political information in the form of national and international political issues were scaled multidimensionally among four political interest/media reliant groups. Each respondent was asked how related two issues were by assigning to each dyad a score from 0-100 (see appendix). The larger the number of units the less related the two issues. Each respondent was randomly asked to respond to either 16 or 17 of the potential 66 different pairings, thus it takes four respondents to make one complete matrix of responses (11 issues and "me"). Galileo, a MDS technique, was used to determine the coordinates. Next, Ward's minimizing the error sum of squares cluster analysis was used to examine the structure of the space.

The use of MDS to examine the "space" occupied by a group of concepts is well documented (Carroll and Chang 1975; Woelfel and Fink 1980; Woelfel and Danes 1980; Wish 1975; Shepard, Romney and Nerlove 1972). Using cluster analysis to analyze MDS has been suggested methodological combination (Kruskal 1977). Further guidelines for the interpretation of the cluster analysis employed here was Hubert and Baker (1976); Baker and Hubert (1975) Krippendorff (1980) and Hubert (1974).

It should be noted that analysis employed here will not yield conventional tests of significance. Just as factor analysis is a descriptive technique used to reduce data and aid in its interpretation, so multidimensional scaling and cluster analysis should not be expected to produce conclusions with directly testable probabilities.

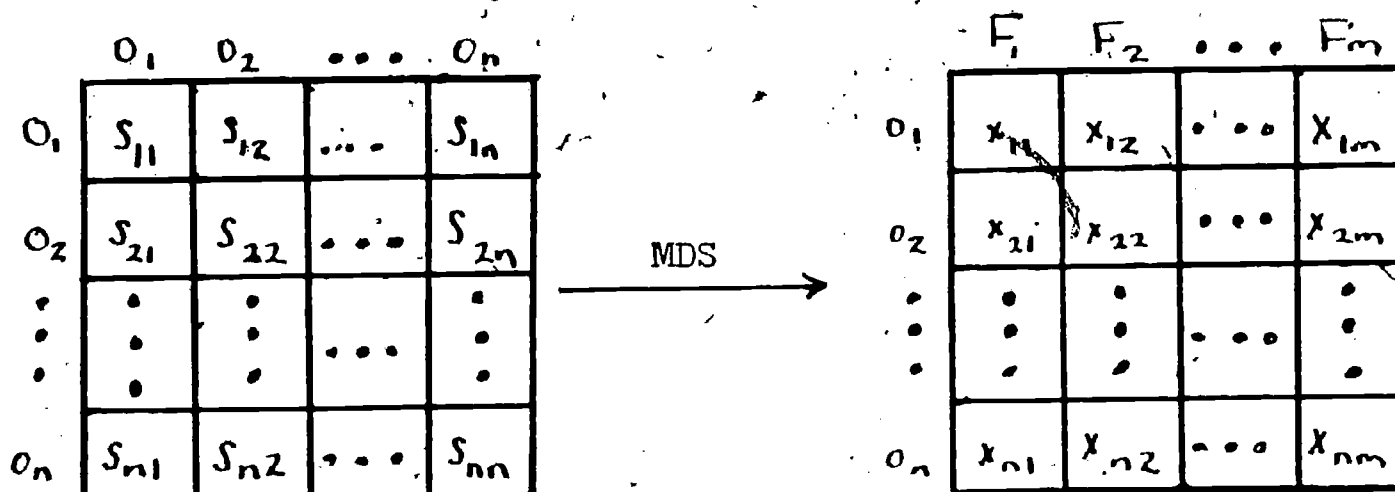
Some definitions:

Object Set ( $o_1, o_2, \dots, o_n$ ) a collection of entities, e.g. variables, persons, things, -etc.

Proximity Measures ( $s_{ij}$ ) a measure of the similarity or dissimilarity between object pairs ( $o_i, o_j$ ).

Similarity Measures Large  $s_{ij}$  values indicate  $(o_i, o_j)$  are alike and small values mean they are different, e.g. correlation coefficient.

Dissimilarity Measures Large  $s_{ij}$  values indicate  $(o_i, o_j)$  are different and small values mean they are similar, e.g. interobject distances.

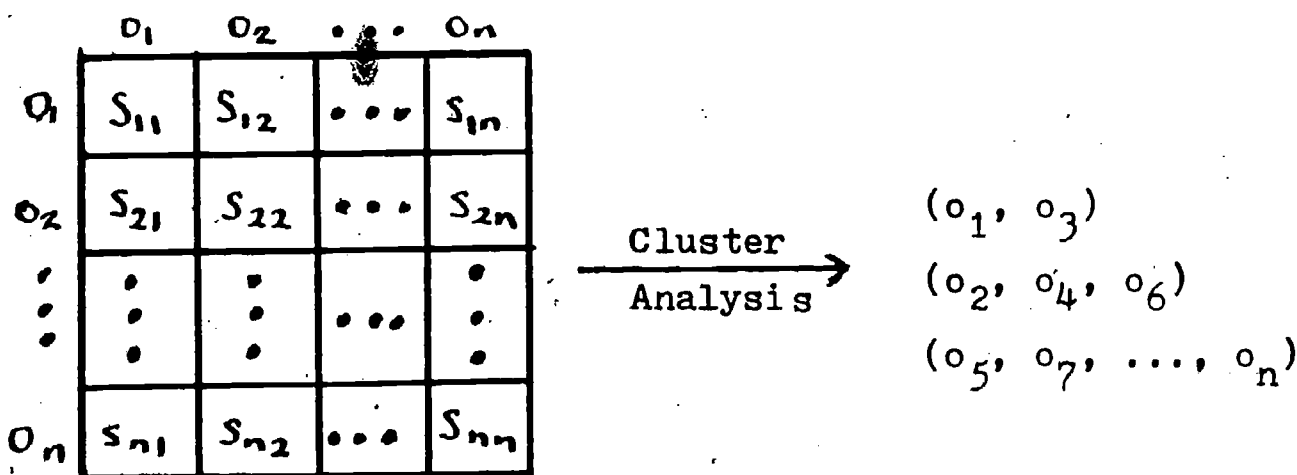


Multidimensional Scaling (MDS) Given any proximity measure between each pair  $(o_i, o_j)$ , determine:

1. The characteristics (dimensions) that account for the proximity relations among the objects.
2. A measure of the amount of each characteristic possessed by each object (coordinates)

Input: Proximity Measures

Output: Coordinates



Cluster Analysis Given any proximity measure between each pair  $(o_i, o_j)$  determine object groupings (clusters) that account for the proximity relations

Input: Proximity Measures

Output: Groupings of Objects (clusters)

## RESULTS

Tables 1 through 4 present the coordinates, corresponding eigenvalues and the regenerated distance matrix for the four groups. Cell sample sizes for the interest by reliance typology are: High Political Interest Newspaper Reliant (HNP) 199; High Political Interest Television Reliant (HTV) 114; Low Political Interest-Newspaper Reliant (LNP) 155; Low Political Interest-Television Reliant (LTV) 141. The remaining part of the sample was not further considered.

The actual distance matrices were tested using t-tests, comparing each pair of groups across the 66 different concept pairs. The largest difference was between the HTV group and the LTV group. Here 53 of the 66 means or 80 percent were different at  $\alpha < .01$ . The smallest was between the HNP group and the LNP group, where 40 of 66 means or 61 percent were different at  $\alpha < .01$ . By chance one would expect fewer than one pair per two group comparison to be significant on average or one comparison out of every one hundred t-tests done. It would appear that the concept pairings that will be used to construct the space are different, which would lead one reasonably to expect somewhat different spaces.

Of particular interest in tables 1-4 are the eigenvalues. The two newspaper groups have very similar eigenvalues through the fifth dimension. The two television groups, however, differ not only from one another, but also from the two newspaper groups. The LTV group clearly has five factors worthy of consideration, while examining all the values on a "scree" test (Fig. 1) shows the pattern of each set of eigenvalues (Kim and Mueller 1978). Even though LTV has five values over 1,000, one should note how the slope levels suggesting that for the LTV group no more than three dimensions are appropriate for consideration. One might also notice the dominance of the first dimension for the HTV group in comparison with the other three groups.

The amount of variance accounted for also demonstrates this difference. The first dimension, which appears to be an international/national dimension, accounts

for about 5 percent more variance than the HNP group, about 9 percent more than the LNP group and more than 10 percent more than the LTV group.

Tables 5 through 8 show the rotated coordinates. The rotation was Procrustian constraining all of the concepts except for the "you" concept. Figures 2 through 5 are pictorial representations of the first three dimensions representing 77.7% of the variance of the HNP group; 83.2% of the variance in the HTV group; LNP 74.5; and LTV 68.9%. Here, too, the general similarity of the two newspaper groups is apparent. The general close proximity of the domestic economic issues, 1-5, is clear, as is the general close proximity of the foreign affairs issues 6,7,11. If one compares the HTV group with the two newspaper groups, one notices the greater separation among the concepts in the HTV group, though a pattern generally similar to the newspaper groups is present. Finally, consider the LTV group. Here one notices some dispersion along the first dimension, less along the second, and relatively very little on the third. Pictorially, at least, the two newspaper groups and the HTV group appear more differentiated than the LTV group.

If one examines the groups more closely one notices that the HNP group, for example (Fig. 2), has a tight cluster composed of the economic concepts 1,3,4,5 with 2 nearby. The international issues form a less tight cluster, though clearly separated from the domestic issues. One would probably note the reasonably good dispersion on all three dimensions. Moving on to Figure 2, the HTV group, again one notes the good dispersion on all three dimensions. Worthy of comparison here is the less tight clustering of the economic concepts. They are still largely in the same quadrant yet the concepts appear somewhat more independent of one another, than they did within the space of the HNP group. These economic concepts still cluster on first and third dimensions as they did in the HNP space.

Looking at Figure 3, the LNP group, one notices again the same basic pattern with some variations. Probably overall this group resembles the HNP group more than the HTV group especially in the first dimension, but, interestingly, while

the HNP group clustered the economic variables in both the first and third dimensions, (as they did in the HTV space), the economic concepts tend to cluster only on the first dimension for the LNP group. The high interest groups appear to be more differentiated regarding economic issues.

Figure 5 clearly shows the greatest divergence from the pattern established by the high interest groups. While the LNP group showed some differences the LTV group is clearly less differentiated than the other three groups. Each of the three dimensions appear to have less differentiation, with the third dimension obviously less so. Although it was appropriately noted previously the techniques used here are not capable of clear statistical probability tests, there does appear to be some support of the first hypothesis, which stated that the high interest would have more differentiated space than would the low interest groups.

The second hypothesis finds only partial support here. It stated that the newspaper reliant groups would have more differentiated space than would the television reliant groups. This does appear to be the case for the low interest groups, but the high interest groups seem to present a different but probably no less complex arrangement of concepts. Reinforcing the notion that television is probably not inherently damaging.

### Cluster Analysis

Let us move on to the cluster analysis to see if it can shed additional light on the actual arrangement of the concepts in the space.

The clustering was done using Ward's hierarchical clustering (Ward 1963; Wishart 1978). This method joins variables in such a way as to minimize the increase in error sum of squares. Tables 9 through 12 present the clustering process for each group. Figures 6 through 9 present the dendrogram representations of the joins. One manner in which to attempt to examine the different spaces would be to use the coefficients as indicators. Remembering that this method minimizes error sum of squares to cluster, the larger the range of coefficients the larger the space, in that a smaller space would produce less



error on average to join. The two newspaper groups show very similar coefficient pattern with the HNP group coefficients ranging from 10.88 at the first join to 135.67 at the last join or a range of 125.79, and the LNP group coefficients ranging from 14.39 to 140.59 with all the concepts clustered. Interestingly the television groups are quite different from one another and from the newspaper groups. HTV has the highest range with 162.99, and the LTV group has the lowest range with 83.48. This appears quite consistent with the MDS dimension plots examined earlier, the LTV group appeared to be the least differentiated space and the HTV group appeared to fill a larger amount of the space than did either of the newspaper groups.

Using a gamma to test prediction power against chance (Hubert and Baker 1975; Hubert and Baker 1976; Hubert 1974) one finds that all four groups joins tested against chance have a probability of less than .01 (Table 13 provides an example).

Let us examine one more group of evidence. The actual pattern of concepts one would be expected to find conceptually using these political issues and with reference to the earlier multidimensional space would be: an international cluster (6,7,10,11) a domestic economic cluster (1,2,3,4,5), and an "other domestic" cluster (8,10,12)-- 9 is the "you." This overall pattern emerges in all four of the groups (figures 10-13). A closer examination shows a remarkable similarity between the clustering patterns of the two high interest groups. They can be readily differentiated from the LNP group and to a lesser degree from one another, for example, by the different patterns in the clustering of the economic concepts. The HTV group first clusters Reagan's Economic Policies with Inflation and later adds The Size of the Federal Deficit. The HNP group first clusters The Size of the Federal Deficit with Inflation and later adds Reagan's Economic Policies. Compare these with the LNP group. This group first clustering The Deficit with Inflation, then adds Unemployment and finally Reagan's Economic Policies, all in a more compressed space -- coefficient range -- than any of the

other four groups. The LTV group is nearly compressed duplicate of the HTV space, with a very similar clustering to the HTV.

It seems reasonable to infer that, according to McLeod, Luetscher and McDonald, if television reliant people pay more attention to their reliant medium and if the HNP group also watches a relatively large amount of television news, and that the LTV group reads relatively few newspapers, then it may be that television is having an impact on the structuring of the cognitive space--at least for these issues. Look at it another way. The primary difference between the HTV group space and the LTV group space appears to be volume. In other words the more interested group has allocated a larger space for political affairs, but the general pattern appears similar. On the other hand, at least in the economic issues the two newspaper groups appear more different, than do the two television spaces. One difference between the LNP group and the others is that the LNP group watches less and pay less attention to television public affairs programming.

The multidimensional scaling and the cluster analysis combined can be examined in figures 10-13, which show the first seven joins of the clustering within the three MDS dimensions. It is hoped that careful examination of these figures will reinforce and add understanding and clarity of the proceeding analysis.

There would appear to be limited support for the third hypothesis. The high interest newspaper reliant group does clearly appear to be more differentiated than the LTV group, but it only has subtle differences from the LNP group, and is arguably less differentiated than the HTV group.

Finally, the fourth hypothesis finds support here. The LTV group does appear to have a less differentiated space than any of the other three groups.

#### Discussion

This study sought to shed some light on three questions (1) Do newspaper and television reliant people think about political information in the same manner? It would appear that there are, not surprisingly, some basic similarities between

these two groups. There also appears to be some interesting differences. Another study might try to examine some of them--especially the seeming differences in the volumes of the spaces allotted to the different groups. (2) What inferences can be drawn from the viewing of cognitive structures if one assumes a causal ordering from cognitive structure--level of differentiation to the media attended? Here one notes that overall the more interested, both television and newspaper reliant, had more differentiated cognitive spaces. Secondly, that interest was sufficient for a well differentiated space, as in the case of the high interest television group. Further, that for one to claim newspaper reliance, as for the low interest newspaper group, appears to mitigate the lack of political interest, at least to some degree. Finally, it appears here that only the combination of television reliance and low levels of political interest produces a clearly less differentiated space with respect to political issues.

This would help to clarify some discrepancies within the dependence/reliance literature. It allows that newspaper reliance, whether of higher or lower interest, is associated with a more developed understanding of political information, but it also provides evidence that only when television reliance is combined with lower levels of political interest is there a demonstrable difference in the cognitive space allocated to at least some political issues.

Clearly this study is only a small step in the pursuit of the answers to these questions. What this paper has tried to do is to make use of techniques largely unused in the mainstream of our field and to try to attempt a slightly different approach to just one of our persistent questions. Clearly it seems that reliance, at least across levels of political interest, has meaning. Further, it is becoming increasingly evident that at least for political information that television does not necessarily impede one's ability to access and use information.

Given these interpretations the following model can be proposed. Firstly, that one's antecedent social group contacts actively support a certain level of differentiation for the individual for a particular type of information. Further, that particularly differentiated space can best be established and maintained through the use of certain combinations of media--including a certain medium of preference/reliance. But, in that no one medium or even group of media can perfectly fit a desired cognitive structure, more or less information of greater or lesser complexity will be introduced into the structure. This, in turn, causes some change in the structure, or in the media mix, or both. The one variable in the media mix that probably would be resistant to change, given the structure's origins in the antecedent social groups expectations, is the generally preferred medium for the particular type of information--the reliant medium. This reliant medium would only change over time and with the corresponding rise or decline of a group or combination or groups influence on the individual.

For example, the non-drinker needs little information about various kinds of beers. Just knowing that there are both light and dark beers may be sufficient. Attending information that discusses the particular variety of hops that differentiates German beers from Dutch beers may be, for this individual, both too much or too complex information. The individual then would have to adjust the structure to allow increased differentiation about beer, or change reading habits to eliminate the source, or some combination of the two. A beer connoisseur, on the other hand, would need rather frequent injections of this type of information to maintain high quantity and complexity of information about beer, which is deemed important to maintain. But both people could claim reliance on television for beer information: the non-drinker because he is not expected to maintain high levels of beer information but gets most of what information he does have from television; and the connoisseur, because the social groups to which he belongs expect him to be able to discuss differences in beers shown on beer.

advertisements. Neither person, using this argument, is likely to change his  
reliant medium unless group expectations change markedly.

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Table 1

Newspaper Reliant/High Political Interest  
 GALILEO COORDINATES OF 12 VARIABLES IN A METRIC MULTIDIMENSIONAL SPACE

NORMAL SOLUTION

|             | 1       | 2       | 3       | 4       | 5       | 6      | 7      | 8      |
|-------------|---------|---------|---------|---------|---------|--------|--------|--------|
| 1 REAGAN E  | -4.926  | 1.035   | -5.508  | -1.171  | -4.000  | 16.133 | 8.452  | -2.638 |
| 2 FED DEFI  | -14.720 | -19.218 | -11.907 | -10.168 | 13.968  | 4.973  | -6.662 | -1.347 |
| 3 UNEMPL OY | -25.959 | -10.876 | 1.172   | -3.394  | -11.781 | -4.487 | 6.804  | .982   |
| 4 INFLATIO  | -14.079 | -8.859  | -1.977  | 2.716   | 14.740  | -8.234 | 7.672  | 2.557  |
| 5 PROTECT   | -22.986 | -11.504 | -7.739  | 19.768  | -10.145 | -4.737 | -6.240 | -2.127 |
| 6 CENTRAL   | 39.103  | -7.132  | 9.509   | 17.401  | 2.808   | 6.948  | -.552  | 1.558  |
| 7 USSR POL  | 35.964  | 1.309   | 3.336   | -12.215 | -7.132  | -7.893 | 3.347  | -3.125 |
| 8 ENVIRONM  | -16.621 | 37.266  | -15.603 | .555    | -3.669  | 2.223  | -3.073 | 1.626  |
| 9 YOU       | 3.518   | 23.121  | 8.467   | 6.851   | 11.499  | -4.530 | 3.823  | .216   |
| 10 NUKE POL | 23.411  | 2.309   | -16.170 | -4.699  | -1.463  | -4.828 | -5.649 | -.861  |
| 11 DEFENSE  | 14.245  | -12.068 | -4.331  | -5.400  | -5.508  | 2.467  | -2.794 | 5.366  |
| 12 EDUCATIO | -16.949 | 4.614   | 33.751  | -10.243 | .683    | 1.965  | -5.130 | 2.207  |

EIGENVALUES (ROOTS) OF EIGENVECTOR MATRIX--  
 5790.775      2847.638      2014.017      1169.806      907.472      564.686      361.529      70.082

NUMBER OF ITERATIONS TO DERIVE THE ROOT--  
 6                  8                  6                  100                  7                  6                  14                  4

PERCENTAGE OF VARIANCE ACCOUNTED FOR BY INDIVIDUAL FACTORS--  
 47.811                  23.511                  16.628                  9.658                  7.492                  4.662                  2.985                  .579

PERCENTAGE OF VARIANCE ACCOUNTED FOR BY INDIVIDUAL FACTORS IN THEIR OWN SPACES--  
 42.188                  20.746                  14.673                  8.523                  6.611                  4.114                  2.634                  .511

|    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| 1  |        |        |        |        |        |        |        |        |
| 2  | 33.013 |        |        |        |        |        |        |        |
| 3  | 30.732 | 35.554 |        |        |        |        |        |        |
| 4  | 32.234 | 24.687 | 26.465 |        |        |        |        |        |
| 5  | 39.994 | 41.366 | 23.359 | 33.358 |        |        |        |        |
| 6  | 49.321 | 65.932 | 70.869 | 59.010 | 63.624 |        |        |        |
| 7  | 46.671 | 62.357 | 62.291 | 57.037 | 68.070 | 35.178 |        |        |
| 8  | 39.478 | 59.956 | 52.173 | 52.814 | 53.870 | 77.684 | 68.700 |        |
| 9  | 36.593 | 49.884 | 47.718 | 29.532 | 49.681 | 40.081 | 38.912 | 25.674 |
| 10 | 38.176 | 43.299 | 54.510 | 44.430 | 54.767 | 34.757 | 10.264 | 48.847 |
| 11 | 27.875 | 29.511 | 36.186 | 30.821 | 44.312 | 23.018 | 16.649 | 52.091 |
| 12 | 45.727 | 51.811 | 40.339 | 45.914 | 49.467 | 67.443 | 61.485 | 59.317 |

POLMED 4

---REGENERATED DISTANCES

|    | 9      | 10     | 11     | 12 |
|----|--------|--------|--------|----|
| 9  |        |        |        |    |
| 10 | 39.004 |        |        |    |
| 11 | 45.214 | 12.709 |        |    |
| 12 | 37.616 | 63.583 | 48.204 |    |

Table 2

Television Reliant/High Political Interest  
 GALILEO COORDINATES OF 12 VARIABLES IN A METRIC MULTIDIMENSIONAL SPACE

NORMAL SOLUTION

|             | 1       | 2       | 3       | 4       | 5       | 6      | 7      | 8     |
|-------------|---------|---------|---------|---------|---------|--------|--------|-------|
| 1 REAGAN E  | -10.714 | -10.728 | -5.362  | 9.438   | -2.773  | 13.896 | -8.018 | -.252 |
| 2 FED DEFI  | -1.849  | -10.872 | -6.675  | -14.701 | -5.734  | 6.731  | 11.193 | -.112 |
| 3 UNEMPLOY  | -32.972 | -20.222 | -8.651  | -6.619  | -2.057  | -9.097 | -1.440 | -.256 |
| 4 INFLATIO  | -22.334 | -15.316 | 1.652   | 10.581  | 18.467  | .698   | 4.149  | .082  |
| 5 PROTECT   | -25.811 | 5.524   | -4.424  | 14.701  | -13.739 | -8.422 | .814   | .216  |
| 6 CENTRAL   | 38.705  | -11.317 | 15.489  | 5.907   | -6.965  | 2.380  | 3.173  | .291  |
| 7 USSR POL  | 42.727  | 5.517   | 5.874   | -6.198  | 3.079   | -7.126 | -2.053 | -.312 |
| 8 ENVIRONM  | -16.038 | 36.331  | -15.987 | -12.581 | 3.101   | 2.252  | -.407  | .242  |
| 9 YOU       | 1.212   | 28.122  | 12.513  | 12.798  | 4.634   | -.829  | 3.964  | -.191 |
| 10 NUKE POL | 30.755  | 4.262   | -22.378 | 5.421   | -1.719  | 1.841  | -2.401 | -.129 |
| 11 DEFENSE  | 19.132  | -15.271 | -5.400  | -7.174  | 6.353   | -4.796 | -4.077 | .405  |
| 12 EDUCATIO | -22.813 | 3.971   | 33.349  | -11.573 | -2.648  | 2.472  | -4.897 | .016  |

EIGENVALUES (ROOTS) OF EIGENVECTOR MATRIX--

|  |          |          |          |          |         |         |         |      |
|--|----------|----------|----------|----------|---------|---------|---------|------|
|  | 7785.079 | 3443.819 | 2499.089 | 1287.210 | 714.012 | 487.287 | 286.050 | .654 |
|--|----------|----------|----------|----------|---------|---------|---------|------|

NUMBER OF ITERATIONS TO DERIVE THE ROOT--

|  |   |   |   |    |    |   |   |     |
|--|---|---|---|----|----|---|---|-----|
|  | 5 | 8 | 5 | 36 | 10 | 7 | 5 | 455 |
|--|---|---|---|----|----|---|---|-----|

PERCENTAGE OF VARIANCE ACCOUNTED FOR BY INDIVIDUAL FACTORS--

|  |        |        |        |       |       |       |       |      |
|--|--------|--------|--------|-------|-------|-------|-------|------|
|  | 55.734 | 24.655 | 17.891 | 9.215 | 5.112 | 3.489 | 2.048 | .005 |
|--|--------|--------|--------|-------|-------|-------|-------|------|

PERCENTAGE OF VARIANCE ACCOUNTED FOR BY INDIVIDUAL FACTORS IN THEIR OWN SPACES--

|  |        |        |        |       |       |       |       |      |
|--|--------|--------|--------|-------|-------|-------|-------|------|
|  | 47.175 | 20.868 | 15.144 | 7.800 | 4.327 | 2.953 | 1.733 | .026 |
|--|--------|--------|--------|-------|-------|-------|-------|------|

|    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| 1  |        |        |        |        |        |        |        |        |
| 2  | 30.641 |        |        |        |        |        |        |        |
| 3  | 35.294 | 36.207 |        |        |        |        |        |        |
| 4  | 24.072 | 38.867 | 25.451 |        |        |        |        |        |
| 5  | 31.565 | 44.740 | 30.498 | 39.207 |        |        |        |        |
| 6  | 53.761 | 47.404 | 77.273 | 66.146 | 69.184 |        |        |        |
| 7  | 61.678 | 50.414 | 78.272 | 71.340 | 73.061 | 20.112 |        |        |
| 8  | 53.716 | 49.346 | 59.222 | 60.538 | 46.333 | 81.718 | 69.536 |        |
| 9  | 44.361 | 50.805 | 64.468 | 41.063 | 34.782 | 48.672 | 39.829 | 31.910 |
| 10 | 37.557 | 40.994 | 66.511 | 61.704 | 57.714 | 31.643 | 8.789  | 52.667 |
| 11 | 34.353 | 28.379 | 48.678 | 37.199 | 53.209 | 22.065 | 7.812  | 57.729 |
| 12 | 43.143 | 48.465 | 46.701 | 46.903 | 46.841 | 65.163 | 67.606 | 55.873 |

---REGENERATED DISTANCES

|    | 9      | 10     | 11     | 12 |
|----|--------|--------|--------|----|
| 9  |        |        |        |    |
| 10 | 43.032 |        |        |    |
| 11 | 53.860 | 13.307 |        |    |
| 12 | 40.275 | 78.700 | 56.379 |    |

Table 3

Newspaper Reliant/Low Political Interest  
 GALILEO COORDINATES OF 12 VARIABLES IN A METRIC MULTIDIMENSIONAL SPACE

NORMAL SOLUTION

|             | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8      |
|-------------|---------|---------|---------|---------|---------|---------|---------|--------|
| 1 REAGAN E  | -4.949  | -6.009  | -8.573  | -9.551  | -5.033  | -.164   | -6.061  | 9.987  |
| 2 FED DEFI  | -6.275  | -21.056 | -11.057 | -2.273  | 10.735  | -8.576  | 13.841  | -3.431 |
| 3 UNEMPLOY  | -21.413 | -15.142 | -3.649  | -1.156  | 8.977   | -5.761  | -12.809 | .418   |
| 4 INFLATIO  | -17.474 | -15.060 | -5.001  | 8.877   | -5.881  | 12.576  | 6.179   | 2.846  |
| 5 PROTECT   | -20.671 | -4.849  | 18.868  | 8.202   | -16.704 | -1.480  | 6.029   | -4.643 |
| 6 CENTRAL   | 34.141  | -7.027  | 18.544  | 8.478   | 3.665   | -10.059 | -7.460  | 2.438  |
| 7 USSR POL  | 34.235  | 2.105   | 12.111  | -10.279 | -1.851  | 14.617  | 1.266   | -2.541 |
| 8 ENVIRONM  | -11.002 | 39.446  | -14.296 | -3.593  | -5.150  | -4.034  | -2.591  | -5.374 |
| 9 YOU       | -10.415 | 25.612  | 4.209   | 26.121  | -6.621  | -4.971  | -.455   | -.747  |
| 10 NUKE POL | 26.251  | 6.730   | -17.942 | -2.169  | -.731   | 5.562   | 1.106   | 4.710  |
| 11 DEFENSE  | 22.619  | -9.613  | -8.029  | -11.647 | 1.463   | -3.229  | .248    | -4.483 |
| 12 EDUCATIO | -25.048 | 4.864   | 14.814  | -11.009 | 17.129  | 5.520   | .706    | .820   |

EIGENVALUES (ROOTS) OF EIGENVECTOR MATRIX--

|          |          |          |          |         |         |         |         |
|----------|----------|----------|----------|---------|---------|---------|---------|
| 5850.279 | 3386.222 | 1908.561 | 1378.116 | 918.065 | 694.780 | 532.843 | 226.139 |
|----------|----------|----------|----------|---------|---------|---------|---------|

NUMBER OF ITERATIONS TO DERIVE THE ROOT--

|   |   |   |   |    |   |    |    |
|---|---|---|---|----|---|----|----|
| 6 | 5 | 9 | 7 | 10 | 9 | 11 | 11 |
|---|---|---|---|----|---|----|----|

PERCENTAGE OF VARIANCE ACCOUNTED FOR BY INDIVIDUAL FACTORS--

|        |        |        |        |       |       |       |       |
|--------|--------|--------|--------|-------|-------|-------|-------|
| 43.149 | 25.859 | 14.575 | 10.524 | 7.011 | 5.306 | 4.069 | 1.727 |
|--------|--------|--------|--------|-------|-------|-------|-------|

PERCENTAGE OF VARIANCE ACCOUNTED FOR BY INDIVIDUAL FACTORS IN THEIR OWN SPACES--

|        |        |        |       |       |       |       |       |
|--------|--------|--------|-------|-------|-------|-------|-------|
| 38.450 | 23.043 | 12.988 | 9.378 | 6.247 | 4.728 | 3.626 | 1.539 |
|--------|--------|--------|-------|-------|-------|-------|-------|

|    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| 1  |        |        |        |        |        |        |        |        |
| 2  | 32.826 |        |        |        |        |        |        |        |
| 3  | 27.975 | 30.351 |        |        |        |        |        |        |
| 4  | 26.797 | 32.010 | 29.409 |        |        |        |        |        |
| 5  | 37.732 | 41.642 | 38.684 | 26.936 |        |        |        |        |
| 6  | 50.978 | 57.007 | 60.596 | 63.714 | 58.196 |        |        |        |
| 7  | 48.535 | 58.821 | 64.871 | 56.965 | 56.151 | 27.043 |        |        |
| 8  | 46.302 | 64.276 | 57.404 | 60.513 | 55.192 | 74.709 | 64.114 |        |
| 9  | 49.064 | 58.689 | 53.479 | 48.311 | 41.017 | 60.320 | 61.385 | 35.201 |
| 10 | 30.496 | 39.767 | 55.298 | 46.203 | 64.153 | 37.760 | 14.897 | 43.127 |
| 11 | 29.659 | 31.181 | 47.630 | 45.613 | 55.724 | 33.376 | 20.395 | 56.376 |
| 12 | 38.959 | 44.086 | 33.827 | 41.694 | 39.958 | 66.724 | 58.311 | 52.189 |

---REGENERATED DISTANCES

|    | 9      | 10     | 11     | 12 |
|----|--------|--------|--------|----|
| 9  |        |        |        |    |
| 10 | 54.283 |        |        |    |
| 11 | 61.607 | 20.741 |        |    |
| 12 | 52.665 | 62.028 | 57.051 |    |

Table 4  
Television Reliant/Low Political Interest  
GALILEO COORDINATES OF 12 VARIABLES IN A METRIC MULTIDIMENSIONAL SPACE

NORMAL SOLUTION

|             | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8      |
|-------------|---------|---------|---------|---------|---------|---------|---------|--------|
| 1 REAGAN E  | -4.258  | -4.852  | -3.201  | -10.645 | -5.259  | -3.144  | 16.081  | 3.331  |
| 2 FED DEFI  | -19.534 | -23.954 | -12.308 | -8.671  | -8.649  | 10.073  | -5.649  | -5.565 |
| 3 UNEMPLOY  | -35.464 | -4.230  | 4.839   | 2.258   | 7.763   | -13.567 | 4.421   | -2.591 |
| 4 INFLATIO  | -15.165 | 4.003   | -1.414  | -12.528 | -14.079 | -5.234  | -11.616 | 7.374  |
| 5 PROTECT   | -15.709 | .146    | 3.896   | -4.100  | 23.854  | 14.762  | 1.587   | 4.606  |
| 6 CENTRAL   | 29.193  | -1.269  | 24.772  | -8.200  | 10.636  | -4.020  | -6.948  | -6.646 |
| 7 USSR POL  | 37.938  | .791    | 1.995   | -4.348  | -13.671 | 6.031   | 6.513   | .421   |
| 8 ENVIRONM  | 8.916   | 20.388  | -23.023 | 18.562  | 4.646   | -.665   | -2.590  | 4.835  |
| 9 YOU       | -2.089  | 33.695  | -1.978  | -13.686 | -.399   | -1.037  | .284    | -4.899 |
| 10 NUKE POL | 22.871  | -10.739 | -16.841 | 3.075   | 9.690   | -5.377  | -2.018  | -7.277 |
| 11 DEFENSE  | 9.424   | -25.820 | 4.672   | 14.425  | -1.788  | -3.757  | -.437   | 4.699  |
| 12 EOUCATIO | -16.121 | 11.841  | 18.590  | 23.858  | -12.444 | 5.936   | .373    | -4.288 |

EIGENVALUES (ROOTS) OF EIGENVECTOR MATRIX--

|          |          |          |          |          |         |         |         |
|----------|----------|----------|----------|----------|---------|---------|---------|
| 5381.339 | 3108.783 | 2004.918 | 1772.111 | 1489.438 | 673.033 | 549.415 | 265.772 |
|----------|----------|----------|----------|----------|---------|---------|---------|

NUMBER OF ITERATIONS TO DERIVE THE ROOT--

|   |   |    |    |    |    |   |   |
|---|---|----|----|----|----|---|---|
| 6 | 7 | 14 | 13 | 31 | 10 | 8 | 4 |
|---|---|----|----|----|----|---|---|

PERCENTAGE OF VARIANCE ACCOUNTED FOR BY INDIVIDUAL FACTORS--

|        |        |        |        |        |       |       |       |
|--------|--------|--------|--------|--------|-------|-------|-------|
| 40.083 | 23.141 | 14.934 | 13.200 | 11.094 | 5.013 | 4.092 | 1.980 |
|--------|--------|--------|--------|--------|-------|-------|-------|

PERCENTAGE OF VARIANCE ACCOUNTED FOR BY INDIVIDUAL FACTORS IN THEIR OWN SPACES--

|        |        |        |        |       |       |       |       |
|--------|--------|--------|--------|-------|-------|-------|-------|
| 35.304 | 20.382 | 13.153 | 11.626 | 9.771 | 4.415 | 3.604 | 1.744 |
|--------|--------|--------|--------|-------|-------|-------|-------|

|    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| 1  |        |        |        |        |        |        |        |        |
| 2  | 35.086 |        |        |        |        |        |        |        |
| 3  | 35.337 | 43.598 |        |        |        |        |        |        |
| 4  | 32.063 | 33.905 | 35.642 |        |        |        |        |        |
| 5  | 39.811 | 43.744 | 34.997 | 45.771 |        |        |        |        |
| 6  | 50.407 | 69.575 | 69.722 | 56.429 | 53.974 |        |        |        |
| 7  | 42.299 | 65.292 | 79.453 | 55.919 | 64.182 | 37.685 |        |        |
| 8  | 47.268 | 63.378 | 62.173 | 49.337 | 51.068 | 62.968 | 53.027 |        |
| 9  | 39.253 | 58.574 | 45.601 | 33.308 | 45.171 | 49.599 | 46.172 | 33.236 |
| 10 | 41.567 | 47.445 | 58.160 | 54.530 | 52.590 | 40.309 | 32.033 | 32.643 |
| 11 | 34.829 | 36.855 | 41.390 | 44.771 | 47.328 | 36.213 | 32.872 | 45.002 |
| 12 | 50.091 | 56.213 | 41.515 | 46.761 | 50.771 | 61.659 | 62.280 | 51.032 |

---REGENERATED DISTANCES

|    | 9      | 10     | 11     | 12 |
|----|--------|--------|--------|----|
| 9  |        |        |        |    |
| 10 | 53.238 |        |        |    |
| 11 | 67.859 | 28.473 |        |    |
| 12 | 48.213 | 65.583 | 46.821 |    |

Table 5

## THE ROTATED COORDINATES OF SPACE

Newspaper Reliant/High Political Interest

|             | 1       | 2       | 3       | 4       | 5       | 6      | 7      | 8      |
|-------------|---------|---------|---------|---------|---------|--------|--------|--------|
| 1 REAGAN E  | -4.926  | 1.035   | -5.608  | -1.171  | -4.000  | 16.133 | 8.452  | -2.638 |
| 2 FED DEFI  | -14.720 | -19.216 | -11.907 | -10.168 | 13.968  | 4.973  | -6.662 | -1.347 |
| 3 UNEMPLOY  | -25.959 | -10.876 | 1.172   | -3.394  | -11.781 | -4.487 | 6.804  | .982   |
| 4 INFLATIO  | -14.079 | -8.859  | -1.977  | 2.718   | 14.740  | -8.234 | 7.672  | 2.557  |
| 5 PROTECT   | -22.966 | -11.504 | -.739   | 19.768  | -10.145 | -4.737 | -6.240 | -2.127 |
| 6 CENTRAL   | 39.103  | -7.132  | 9.509   | 17.401  | 2.808   | 6.948  | -.552  | 1.558  |
| 7 USSR POL  | 35.964  | 1.309   | 3.336   | -12.215 | -7.132  | -7.893 | 3.347  | -3.125 |
| 8 ENVIRONM  | -16.621 | 37.266  | -15.603 | .555    | -3.689  | 2.223  | -3.073 | 1.626  |
| 9 YOU       | 3.518   | 23.121  | 8.467   | 6.851   | 11.499  | -4.530 | 3.823  | .216   |
| 10 NUKE POL | 23.411  | 2.309   | -16.170 | -4.699  | -1.463  | -4.828 | -5.649 | -.861  |
| 11 DEFENSE  | 14.245  | -12.068 | -4.331  | -5.400  | -5.508  | 2.467  | -2.794 | 5.366  |
| 12 EDUCATIO | -16.949 | 4.614   | 33.751  | -10.243 | .683    | 1.965  | -5.130 | -2.207 |

## THE ROTATED COORDINATES OF SPACE NUMBER 1

|             | 9    | 10    | 11     | 12      | 13      |
|-------------|------|-------|--------|---------|---------|
| 1 REAGAN E  | .000 | .169  | 2.953  | -1.015  | -5.922  |
| 2 FED DEFI  | .000 | .222  | -4.633 | 4.464   | 5.395   |
| 3 UNEMPLOY  | .000 | 1.135 | -7.797 | -3.746  | 2.264   |
| 4 INFLATIO  | .000 | -.474 | 6.208  | -1.905  | 5.523   |
| 5 PROTECT   | .000 | -.167 | 2.409  | 3.788   | -2.598  |
| 6 CENTRAL   | .000 | .010  | -3.394 | -1.848  | 12.286  |
| 7 USSR POL  | .000 | .828  | .671   | 7.546   | 9.194   |
| 8 ENVIRONM  | .000 | -.219 | -.212  | 2.184   | 11.968  |
| 9 YOU       | .000 | .515  | -2.496 | 1.489   | -17.773 |
| 10 NUKE POL | .000 | -.648 | .236   | -11.629 | -6.546  |
| 11 DEFENSE  | .000 | -.609 | 1.730  | 4.921   | -17.044 |
| 12 EDUCATIO | .000 | -.764 | 4.324  | -4.249  | 3.252   |

Table 6

THE ROTATED COORDINATES OF SPACE NUMBER 2

Television Reliant/High Political Interest

|             | 1       | 2       | 3       | 4       | 5      | 6      | 7       | 8      |
|-------------|---------|---------|---------|---------|--------|--------|---------|--------|
| 1 REAGAN E  | -10.413 | -8.756  | -4.976  | 5.908   | -.920  | 15.868 | 10.612  | -1.665 |
| 2 FED DEFI  | -4.536  | -11.588 | -6.409  | -11.717 | 5.653  | 5.762  | -13.881 | -.458  |
| 3 UNEMPLOY  | -33.641 | -20.697 | -.822   | -5.513  | -9.360 | -4.590 | .862    | 1.812  |
| 4 INFLATIO  | -21.416 | -12.880 | 1.853   | 1.857   | 12.521 | -6.258 | 18.923  | 4.624  |
| 5 PROTECT   | -24.693 | .896    | -.202   | 21.687  | -8.864 | -3.505 | -3.847  | -2.486 |
| 6 CENTRAL   | 40.284  | -11.755 | 10.037  | 4.598   | 6.042  | 5.631  | -3.694  | -.678  |
| 7 USSR POL  | 42.768  | 5.783   | 1.807   | -8.020  | -1.901 | -6.608 | -3.826  | 1.194  |
| 8 ENVIRONM  | -18.805 | 35.742  | -14.788 | -6.911  | -4.351 | -3.607 | -8.542  | -2.004 |
| 9 YOU       | 3.287   | 27.058  | 8.465   | 14.715  | 8.551  | -6.496 | 1.732   | -1.050 |
| 10 NUKE POL | 28.225  | 2.610   | -25.761 | 2.587   | -5.500 | 1.263  | -.658   | -.427  |
| 11 DEFENSE  | 18.155  | -13.868 | -5.361  | -12.665 | -3.947 | -3.568 | 4.146   | 2.967  |
| 12 EDUCATIO | -19.215 | 7.254   | 36.137  | -6.527  | 2.077  | 6.108  | -2.029  | -1.829 |

THE ROTATED COORDINATES OF SPACE NUMBER 2

|             | 9     | 10     | 11      | 12      | 13      |
|-------------|-------|--------|---------|---------|---------|
| 1 REAGAN E  | -.031 | 4.820  | -3.753  | 9.697   | .765    |
| 2 FED DEFI  | -.153 | 1.591  | 3.053   | 2.227   | -5.718  |
| 3 UNEMPLOY  | .317  | 2.941  | -10.829 | -1.562  | -.344   |
| 4 INFLATIO  | -.103 | -.971  | 6.682   | -3.264  | 10.376  |
| 5 PROTECT   | -.214 | -1.846 | 7.641   | 3.118   | 3.147   |
| 6 CENTRAL   | .265  | -4.109 | -7.859  | -.332   | 9.780   |
| 7 USSR POL  | -.175 | 6.500  | 4.322   | 8.944   | 12.119  |
| 8 ENVIRONM  | .103  | -2.592 | -3.432  | 3.387   | 10.325  |
| 9 YOU       | .144  | 1.851  | -9.130  | 2.250   | -17.611 |
| 10 NUKE POL | -.021 | -.971  | 8.116   | -19.026 | -3.751  |
| 11 DEFENSE  | -.040 | -5.445 | -2.420  | 5.066   | -17.426 |
| 12 EDUCATIO | -.093 | -1.570 | 7.609   | -10.503 | -1.663  |

Table 7

THE ROTATED COORDINATES OF SPACE  
Newspaper Reliant/Low Political Interest

|             | 1       | 2       | 3       | 4       | 5      | 6      | 7       | 8       |
|-------------|---------|---------|---------|---------|--------|--------|---------|---------|
| 1 REAGAN E  | -6.199  | -6.681  | -6.963  | -2.350  | -7.944 | 10.693 | 8.520   | -.222   |
| 2 FED DEFI  | -10.530 | -22.773 | -5.891  | -10.292 | 8.042  | -2.046 | -10.804 | 6.828   |
| 3 UNEMPLOY  | -21.951 | -18.221 | 5.601   | -3.014  | -2.627 | 2.481  | -1.637  | -13.390 |
| 4 INFLATIO  | -16.562 | -12.266 | -.615   | 6.509   | 7.223  | -7.991 | 14.637  | 8.785   |
| 5 PROTECT   | -14.638 | -2.470  | 12.764  | 25.225  | -5.164 | -8.362 | -1.859  | 9.671   |
| 6 CENTRAL   | 36.376  | -8.135  | 6.359   | 9.376   | 4.960  | 4.180  | -9.912  | -12.202 |
| 7 USSR POL  | 37.760  | 3.344   | 5.341   | -6.917  | -6.421 | -3.182 | 5.660   | 7.560   |
| 8 ENVIRONM  | -14.775 | 38.674  | -12.208 | -5.072  | -7.060 | 1.425  | -4.611  | -3.292  |
| 9 YOU       | -9.908  | 26.974  | 275     | 20.696  | 13.382 | -5.044 | -4.043  | -7.662  |
| 10 NUKE POL | 21.095  | 6.468   | -20.550 | -11.886 | 4.364  | 3.152  | 6.024   | .433    |
| 11 DEFENSE  | 19.380  | -10.915 | -11.202 | -12.317 | -6.531 | .131   | -4.709  | .382    |
| 12 EDUCATIO | -20.048 | 4.001   | 27.639  | -9.959  | -2.224 | 4.563  | -.540   | 3.109   |

THE ROTATED COORDINATES OF SPACE NUMBER 3

|             | 9    | 10     | 11     | 12     | 13      |
|-------------|------|--------|--------|--------|---------|
| 1 REAGAN E  | .000 | 5.048  | -.287  | 6.865  | -1.675  |
| 2 FED DEFI  | .000 | 1.958  | -4.077 | 7.811  | 7.314   |
| 3 UNEMPLOY  | .000 | 2.070  | -1.987 | 2.641  | -2.981  |
| 4 INFLATIO  | .000 | -3.135 | -.487  | -1.283 | 8.499   |
| 5 PROTECT   | .000 | -2.288 | 8.082  | -9.035 | -5.490  |
| 6 CENTRAL   | .000 | -4.419 | -3.191 | -.786  | 6.485   |
| 7 USSR POL  | .000 | 11.707 | 1.754  | 13.065 | 3.446   |
| 8 ENVIRONM  | .000 | -2.922 | -.579  | .279   | 11.862  |
| 9 YOU       | .000 | -2.971 | 3.462  | -5.440 | -.707   |
| 10 NUKE POL | .000 | 4.490  | 5.617  | -8.524 | -14.946 |
| 11 DEFENSE  | .000 | -.873  | -5.852 | -1.082 | -10.150 |
| 12 EDUCATIO | .000 | -3.686 | -2.655 | -4.311 | -1.658  |

Table 8

THE ROTATED COORDINATES OF SPACE  
Television Reliant/Low Political Interest

|             | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 REAGAN E  | -2.285  | -8.014  | -4.625  | 2.106   | -7.310  | -4.587  | 17.374  | -1.931  |
| 2 FED DEFI  | -14.129 | -24.458 | -10.868 | -10.357 | 5.403   | -12.764 | -1.553  | 14.265  |
| 3 UNEMPLOY  | -30.692 | -18.017 | 4.049   | 1.984   | -3.411  | 5.372   | -1.069  | -15.689 |
| 4 INFLATIO  | -13.819 | -6.134  | 1.351   | 3.743   | 18.885  | 5.268   | 11.418  | 7.789   |
| 5 PROTECT   | -12.116 | -7.888  | 1.631   | 21.123  | -11.725 | -5.664  | -15.480 | 2.859   |
| 6 CENTRAL   | 35.330  | -1.618  | 9.221   | 12.752  | 5.878   | 5.880   | -7.074  | -9.749  |
| 7 USSR POL  | 35.866  | 12.978  | .179    | -5.819  | -4.47   | -5.305  | 12.225  | 7.885   |
| 8 ENVIRDNM  | -6.248  | 33.081  | -12.331 | -4.871  | -4.715  | 6.842   | -6.063  | 2.977   |
| 9 YOU       | -8.466  | 22.517  | 5.517   | 18.215  | 12.836  | -9.536  | 10.526  | -6.987  |
| 10 NUKE POL | 18.003  | 5.749   | -23.843 | -8.669  | -2.430  | -1.844  | -8.669  | -5.105  |
| 11 DEFENSE  | 13.810  | -14.368 | -2.590  | -17.623 | -9.751  | 12.537  | -7.085  | 2.840   |
| 12 EDUCATIO | -15.254 | 6.173   | 32.309  | -12.783 | -3.213  | 3.799   | -4.549  | -1.156  |

THE ROTATED COORDINATES OF SPACE NUMBER 4

|             | 9    | 10     | 11     | 12      | 13      |
|-------------|------|--------|--------|---------|---------|
| 1 REAGAN E  | .000 | -3.468 | -.085  | -4.929  | -.971   |
| 2 FED,DEFI  | .000 | .565   | -4.868 | 6.424   | 3.882   |
| 3 UNEMPLOY  | .000 | 4.672  | -.920  | 8.727   | 11.376  |
| 4 INFLATIO  | .000 | -.236  | 5.045  | -5.623  | 1.150   |
| 5 PROTECT   | .000 | .194   | 3.035  | -3.038  | -1.411  |
| 6 CENTRAL   | .000 | -.301  | -3.665 | 4.271   | 7.488   |
| 7 USSR POL  | .000 | 5.031  | 1.244  | 6.905   | 10.463  |
| 8 ENVIRONM  | .000 | 1.091  | -4.176 | 7.122   | 8.759   |
| 9 YOU       | .000 | -2.099 | -2.706 | -1.843  | -17.929 |
| 10 NUKE POL | .000 | -1.624 | 6.903  | -10.430 | -2.758  |
| 11 DEFENSE  | .000 | -2.356 | -2.670 | -2.232  | -20.368 |
| 12 EDUCATIO | .000 | -1.468 | 2.862  | -5.353  | .318    |



Table 9

WARDS METHOD

Newspaper Reliant/ High Political Interest

OUTPUT CLASSIFICATIONS FOR 2 TO 11 CLUSTERS

|                    |             |             |   |                |         |        |    |                                    |
|--------------------|-------------|-------------|---|----------------|---------|--------|----|------------------------------------|
| WARDS METHOD GROUP | 1           | FUSE POINTS | 7 | 10             | AT COEF | 10.880 | 11 | CLUSTERS                           |
| 1 2 3 4            | 5           | 6 7 8       | 9 | 7              | 11      | 12     |    |                                    |
| WARDS METHOD GROUP | 2           | FUSE POINTS | 7 | 11             | AT COEF | 15.967 | 10 | CLUSTERS                           |
| 1 2 3 4            | 5           | 6 7 8       | 9 | 7              | 7       | 12     |    |                                    |
| WARDS METHOD GROUP | 3           | FUSE POINTS | 3 | 5              | AT COEF | 23.560 | 9  | CLUSTERS                           |
| 1 2 3 4            | 3           | 6 7 8       | 9 | 7              | 7       | 12     |    |                                    |
| WARDS METHOD GROUP | 4           | FUSE POINTS | 2 | 4              | AT COEF | 24.740 | 8  | CLUSTERS                           |
| 1 2 3 2            | 3           | 6 7 8       | 9 | 7              | 7       | 12     |    |                                    |
| WARDS METHOD GROUP | 5           | FUSE POINTS | 8 | 9              | AT COEF | 25.010 | 7  | CLUSTERS                           |
| 1 2 3 2            | 3           | 6 7 8       | 8 | 7              | 7       | 12     |    |                                    |
| WARDS METHOD GROUP | 6           | FUSE POINTS | 1 | 2              | AT COEF | 35.214 | 6  | CLUSTERS                           |
| 1 1 3 1            | 3           | 6 7 8       | 8 | 7              | 7       | 12     |    |                                    |
| WARDS METHOD GROUP | 7           | FUSE POINTS | 6 | 7              | AT COEF | 39.694 | 5  | CLUSTERS                           |
| 1 1 3 1            | 3           | 6 6 8       | 8 | 6              | 6       | 12     |    |                                    |
| WARDS METHOD GROUP | 8           | FUSE POINTS | 1 | 3              | AT COEF | 44.959 | 4  | CLUSTERS                           |
| 1 1 1 1            | 1           | 6 6 8       | 8 | 6              | 6       | 12     |    |                                    |
| WARDS METHOD GROUP | 9           | FUSE POINTS | 8 | 12             | AT COEF | 55.190 | 3  | CLUSTERS                           |
| 1 1 1 1            | 1           | 6 6 8       | 8 | 6              | 6       | 8      |    |                                    |
| WARDS METHOD GROUP | 10          | FUSE POINTS | 1 | 8              | AT COEF | 78.123 | 2  | CLUSTERS                           |
| 1 1 1 1            | 1           | 6 6 1       | 1 | 6              | 6       | 1      |    |                                    |
| CYCLE 11 NOW       | FUSE POINTS | 1           | 6 | AT COEFFICIENT | 136.669 | -      | 1  | CLUSTERS AND NEW CLUSTER CODE IS 1 |

Table 10

WARDS METHOD

Television Reliant/ High Political Interest

OUTPUT CLASSIFICATIONS FOR 2 TO 11 CLUSTERS

|              |       |     |             |   |    |                |         |    |                                 |
|--------------|-------|-----|-------------|---|----|----------------|---------|----|---------------------------------|
| WARDS METHOD | GROUP | 1   | FUSE POINTS | 7 | 11 | AT COEF        | 7.470   | 11 | CLUSTERS                        |
| 1            | 2     | 3   | 4           | 5 | 6  | 7              | 8       | 9  | 10                              |
| WARDS METHOD | GROUP | 2   | FUSE POINTS | 7 | 10 | AT COEF        | 12.110  | 10 | CLUSTERS                        |
| 1            | 2     | 3   | 4           | 5 | 6  | 7              | 8       | 9  | 7                               |
| WARDS METHOD | GROUP | 3   | FUSE POINTS | 1 | 4  | AT COEF        | 24.240  | 9  | CLUSTERS                        |
| 1            | 2     | 3   | 1           | 5 | 6  | 7              | 8       | 9  | 7                               |
| WARDS METHOD | GROUP | 4   | FUSE POINTS | 3 | 5  | AT COEF        | 30.480  | 8  | CLUSTERS                        |
| 1            | 2     | 3   | 1           | 3 | 6  | 7              | 8       | 9  | 7                               |
| WARDS METHOD | GROUP | 5   | FUSE POINTS | 8 | 9  | AT COEF        | 31.870  | 7  | CLUSTERS                        |
| 1            | 2     | 3   | 1           | 3 | 6  | 7              | 8       | 8  | 7                               |
| WARDS METHOD | GROUP | 6   | FUSE POINTS | 6 | 7  | AT COEF        | 32.020  | 6  | CLUSTERS                        |
| 1            | 2     | 3   | 1           | 3 | 6  | 6              | 8       | 8  | 6                               |
| WARDS METHOD | GROUP | 7   | FUSE POINTS | 1 | 2  | AT COEF        | 38.220  | 5  | CLUSTERS                        |
| 1            | 1     | 3   | 1           | 3 | 6  | 6              | 8       | 8  | 6                               |
| WARDS METHOD | GROUP | 8   | FUSE POINTS | 1 | 3  | AT COEF        | 41.792  | 4  | CLUSTERS                        |
| 1            | 1     | 1   | 1           | 1 | 6  | 6              | 8       | 8  | 6                               |
| WARDS METHOD | GROUP | 9   | FUSE POINTS | 8 | 12 | AT COEF        | 53.457  | 3  | CLUSTERS                        |
| 1            | 1     | 1   | 1           | 1 | 6  | 6              | 8       | 8  | 6                               |
| WARDS METHOD | GROUP | 10  | FUSE POINTS | 1 | 8  | AT COEF        | 80.389  | 2  | CLUSTERS                        |
| 1            | 1     | 1   | 1           | 1 | 6  | 6              | 1       | 1  | 6                               |
| CYCLE        | 11    | NOW | FUSE POINTS | 1 | 6  | AT COEFFICIENT | 170.455 | -  | 1                               |
|              |       |     |             |   |    |                |         |    | CLUSTERS AND NEW CLUSTER COE IS |
|              |       |     |             |   |    |                |         |    | JOB ENOS                        |

Table 11

WARDS METHOD

Newspaper Reliant/ Low Political Interest

OUTPUT CLASSIFICATIONS FOR 2 TO 11 CLUSTERS

|                    |             |             |   |                |         |        |    |                                    |
|--------------------|-------------|-------------|---|----------------|---------|--------|----|------------------------------------|
| WARDS METHOD GROUP | 1           | FUSE POINTS | 7 | 10             | AT COEF | 14.390 | 11 | CLUSTERS                           |
| 1 2 3 4            | 5           | 6 7         | 8 | 9              | 7       | 11 12  |    |                                    |
| WARDS METHOD GROUP | 2           | FUSE POINTS | 7 | 11             | AT COEF | 21.117 | 10 | CLUSTERS                           |
| 1 2 3 4            | 5           | 6 7         | 8 | 9              | 7       | 7 12   |    |                                    |
| WARDS METHOD GROUP | 3           | FUSE POINTS | 2 | 4              | AT COEF | 26.730 | 9  | CLUSTERS                           |
| 1 2 3 2            | 5           | 6 7         | 8 | 9              | 7       | 7 12   |    |                                    |
| WARDS METHOD GROUP | 4           | FUSE POINTS | 8 | 9              | AT COEF | 31.280 | 8  | CLUSTERS                           |
| 1 2 3 2            | 5           | 6 7         | 8 | 8              | 7       | 7 12   |    |                                    |
| WARDS METHOD GROUP | 5           | FUSE POINTS | 2 | 3              | AT COEF | 31.310 | 7  | CLUSTERS                           |
| 1 2 2 2            | 5           | 6 7         | 8 | 8              | 7       | 7 12   |    |                                    |
| WARDS METHOD GROUP | 6           | FUSE POINTS | 1 | 2              | AT COEF | 32.840 | 6  | CLUSTERS                           |
| 1 1 1 1            | 5           | 6 7         | 8 | 8              | 7       | 7 12   |    |                                    |
| WARDS METHOD GROUP | 7           | FUSE POINTS | 1 | 5              | AT COEF | 39.700 | 5  | CLUSTERS                           |
| 1 1 1 1            | 1           | 6 7         | 8 | 8              | 7       | 7 12   |    |                                    |
| WARDS METHOD GROUP | 8           | FUSE POINTS | 6 | 7              | AT COEF | 40.404 | 4  | CLUSTERS                           |
| 1 1 1 1            | 1           | 6 6         | 8 | 8              | 6       | 6 12   |    |                                    |
| WARDS METHOD GROUP | 9           | FUSE POINTS | 8 | 12             | AT COEF | 50.047 | 3  | CLUSTERS                           |
| 1 1 1 1            | 1           | 6 6         | 8 | 8              | 6       | 6 8    |    |                                    |
| WARDS METHOD GROUP | 10          | FUSE POINTS | 1 | 8              | AT COEF | 85.411 | 2  | CLUSTERS                           |
| 1 1 1 1            | 1           | 6 6         | 1 | 1              | 6       | 6 1    |    |                                    |
| CYCLE 11 NOW       | FUSE POINTS | 1           | 6 | AT COEFFICIENT | 140.591 | -      | 1  | CLUSTERS AND NEW CLUSTER CODE IS 1 |

Table 12

WARDS METHOD

OUTPUT CLASSIFICATIONS FOR 2 TO 11 CLUSTERS  
Television Reliant/Low Political Interest

|                    |             |             |    |                |         |        |                                    |
|--------------------|-------------|-------------|----|----------------|---------|--------|------------------------------------|
| WARDS METHOD GROUP | 1           | FUSE POINTS | 10 | 11             | AT COEF | 28.470 | 11 CLUSTERS                        |
| 1 2 3 4            |             | 5 6 7 8     |    | 9 10 11 12     |         |        |                                    |
| WARDS METHOD GROUP | 2           | FUSE POINTS | 1  | 4              | AT COEF | 32.060 | 10 CLUSTERS                        |
| 1 2 3 1            |             | 5 6 7 8     |    | 9 10 11 12     |         |        |                                    |
| WARDS METHOD GROUP | 3           | FUSE POINTS | 8  | 9              | AT COEF | 33.240 | 9 CLUSTERS                         |
| 1 2 3 1            |             | 5 6 7 8     |    | 8 10 11 12     |         |        |                                    |
| WARDS METHOD GROUP | 4           | FUSE POINTS | 7  | 10             | AT COEF | 33.777 | 8 CLUSTERS                         |
| 1 2 3 1            |             | 5 6 7 8     |    | 8 7 7 12       |         |        |                                    |
| WARDS METHOD GROUP | 5           | FUSE POINTS | 3  | 5              | AT COEF | 35.000 | 7 CLUSTERS                         |
| 1 2 3 1            |             | 3 6 7 8     |    | 8 7 7 12       |         |        |                                    |
| WARDS METHOD GROUP | 6           | FUSE POINTS | 1  | 2              | AT COEF | 35.314 | 6 CLUSTERS                         |
| 1 1 3 1            |             | 3 6 7 8     |    | 8 7 7 12       |         |        |                                    |
| WARDS METHOD GROUP | 7           | FUSE POINTS | 6  | 7              | AT COEF | 41.559 | 5 CLUSTERS                         |
| 1 1 3 1            |             | 3 6 6 8     |    | 8 6 6 12       |         |        |                                    |
| WARDS METHOD GROUP | 8           | FUSE POINTS | 1  | 3              | AT COEF | 49.827 | 4 CLUSTERS                         |
| 1 1 1 1            |             | 1 6 6 8     |    | 8 6 6 12       |         |        |                                    |
| WARDS METHOD GROUP | 9           | FUSE POINTS | 8  | 12             | AT COEF | 55.081 | 3 CLUSTERS                         |
| 1 1 1 1            |             | 1 6 6 8     |    | 8 6 6 8        |         |        |                                    |
| WARDS METHOD GROUP | 10          | FUSE POINTS | 1  | 8              | AT COEF | 72.913 | 2 CLUSTERS                         |
| 1 1 1 1            |             | 1 6 6 1     |    | 1 6 6 1        |         |        |                                    |
| CYCLE 11 NOW       | FUSE POINTS | 1           | 6  | AT COEFFICIENT | 111.950 | -      | 1 CLUSTERS AND NEW CLUSTER CODE IS |
| JOB ENDS           |             |             |    |                |         |        |                                    |

Gamma Test  
Newspaper Reliant/High Political Interest

| Cluster Stage | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---------------|---|---|---|---|---|---|---|---|---|----|----|
| 7.10          | X |   |   |   |   |   |   |   |   |    |    |
| 10.11         |   | X |   |   |   |   |   |   |   |    |    |
| 7.11          |   | X |   |   |   |   |   |   |   |    |    |
| 6.11          |   |   |   |   |   |   | X |   |   |    |    |
| 3.5           |   |   | X |   |   |   |   |   |   |    |    |
| 2.4           |   |   |   | X |   |   |   |   |   |    |    |
| 8.9           |   |   |   |   | X |   |   |   |   |    |    |
| 3.4           |   |   |   |   |   |   |   | X |   |    |    |
| 1.11          |   |   |   |   |   |   |   |   |   |    | X  |
| 4.9           |   |   |   |   |   |   |   |   |   | X  |    |
| 2.11          |   |   |   |   |   |   |   |   |   |    | X  |
| 1.3           |   |   |   |   |   |   |   | X |   |    |    |
| 4.11          |   |   |   |   |   |   |   |   |   |    | X  |
| 1.4           |   |   |   |   |   | X |   |   |   |    |    |
| 1.2           |   |   |   |   |   | X |   |   |   |    |    |
| 5.4           |   |   |   |   |   |   |   | X |   |    |    |
| 6.11          |   |   |   |   |   |   | X |   |   |    |    |
| 6.7           |   |   |   |   |   |   | X |   |   |    |    |
| 2.3           |   |   |   |   |   |   |   | X |   |    |    |
| 1.9           |   |   |   |   |   |   |   |   |   | X  |    |
| 9.12          |   |   |   |   |   |   |   |   | X |    |    |
| 3.11          |   |   |   |   |   |   |   |   |   |    | X  |
| 9.10          |   |   |   |   |   |   |   |   |   |    | X  |
| 1.10          |   |   |   |   |   |   |   |   |   |    | X  |
| 7.9           |   |   |   |   |   |   |   |   |   |    | X  |
| 1.8           |   |   |   |   |   |   |   |   |   | X  |    |
| 6.9           |   |   |   |   |   |   |   |   |   |    | X  |
| 1.5           |   |   |   |   |   |   |   | X |   |    |    |
| 3.12          |   |   |   |   |   |   |   |   |   | X  |    |
| 2.5           |   |   |   |   |   |   |   | X |   |    |    |
| 2.10          |   |   |   |   |   |   |   |   |   |    | X  |
| 5.11          |   |   |   |   |   |   |   |   |   |    | X  |
| 4.10          |   |   |   |   |   |   |   |   |   |    | X  |
| 9.11          |   |   |   |   |   |   |   |   |   |    | X  |
| 1.12          |   |   |   |   |   |   |   |   |   | X  |    |
| 4.12          |   |   |   |   |   |   |   |   |   | X  |    |
| 1.7           |   |   |   |   |   |   |   |   |   |    | X  |
| 3.9           |   |   |   |   |   |   |   |   |   | X  |    |
| 8.10          |   |   |   |   |   |   |   |   |   |    | X  |
| 1.6           |   |   |   |   |   |   |   |   |   |    | X  |
| 5.9           |   |   |   |   |   |   |   |   |   | X  |    |
| 2.9           |   |   |   |   |   |   |   |   |   | X  |    |
| 5.12          |   |   |   |   |   |   |   |   |   | X  |    |
| 8.11          |   |   |   |   |   |   |   |   |   |    | X  |
| 3.8           |   |   |   |   |   |   |   |   |   | X  |    |
| 2.12          |   |   |   |   |   |   |   |   |   | X  |    |
| 4.8           |   |   |   |   |   |   |   |   |   | X  |    |
| 5.8           |   |   |   |   |   |   |   |   |   | X  |    |
| 3.10          |   |   |   |   |   |   |   |   |   |    | X  |
| 5.10          |   |   |   |   |   |   |   |   |   |    | X  |
| 4.7           |   |   |   |   |   |   |   |   |   |    | X  |
| 4.6           |   |   |   |   |   |   |   |   |   |    | X  |
| 8.12          |   |   |   |   |   |   |   |   |   | X  |    |
| 2.8           |   |   |   |   |   |   |   |   |   | X  |    |
| 7.12          |   |   |   |   |   |   |   |   |   |    | X  |
| 3.7           |   |   |   |   |   |   |   |   |   |    | X  |
| 2.7           |   |   |   |   |   |   |   |   |   |    | X  |
| 5.6           |   |   |   |   |   |   |   |   |   |    | X  |
| 10.12         |   |   |   |   |   |   |   |   |   |    | X  |
| 2.6           |   |   |   |   |   |   |   |   |   |    | X  |
| 6.12          |   |   |   |   |   |   |   |   |   |    | X  |
| 5.7           |   |   |   |   |   |   |   |   |   |    | X  |
| 7.8           |   |   |   |   |   |   |   |   |   |    | X  |
| 3.6           |   |   |   |   |   |   |   |   |   |    | X  |
| 6.8           |   |   |   |   |   |   |   |   |   |    | X  |

Gamma = (S+ - S-)/(S+ + S-)

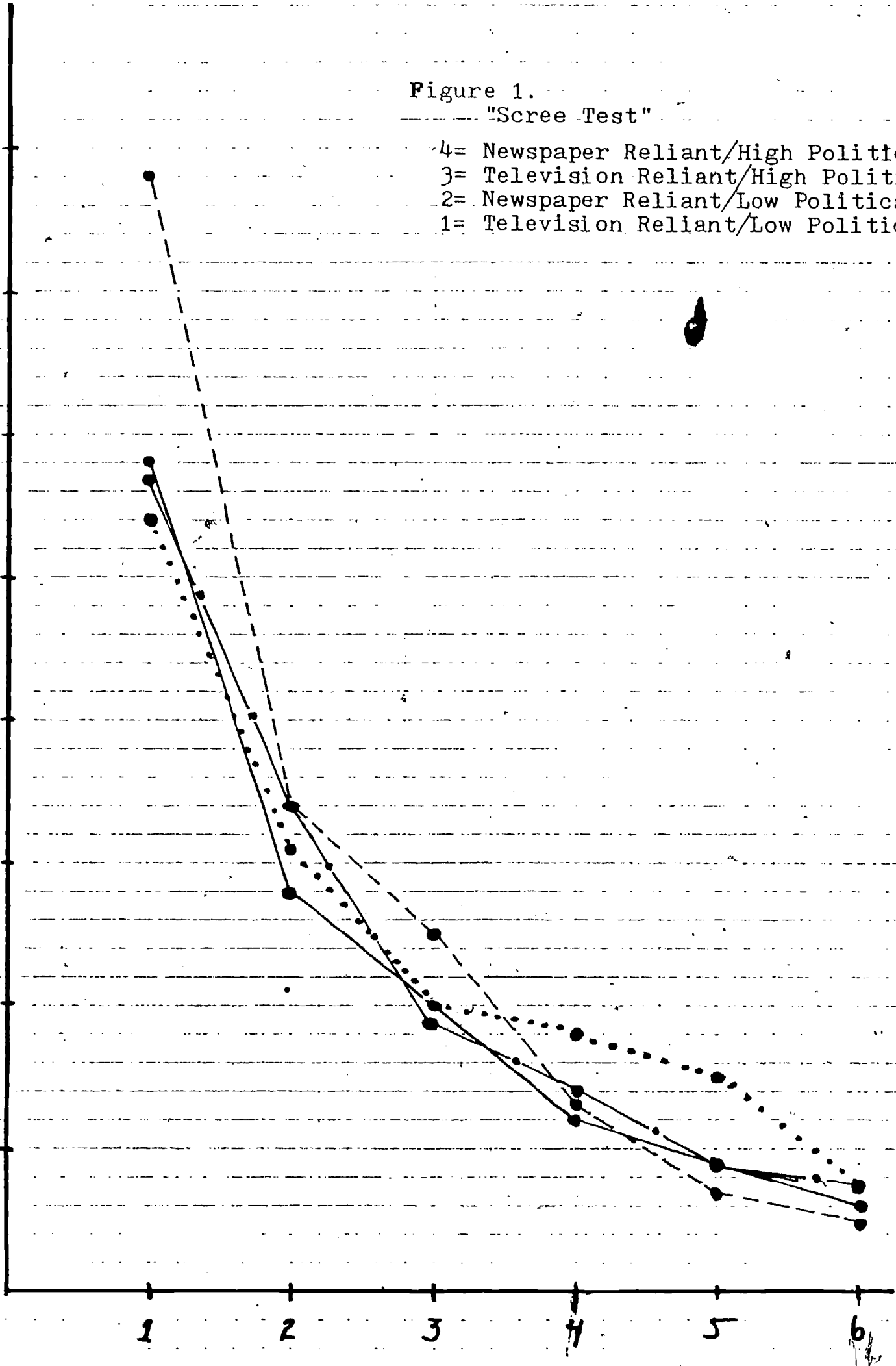
S- = 296  
S+ = 1240

1240-296/1240+296 = .615



Figure 1.  
"Scree Test"

- 4= Newspaper Reliant/High Political Int.
- 3= Television Reliant/High Political Int.
- 2= Newspaper Reliant/Low Political Int.
- 1= Television Reliant/Low Political Int.



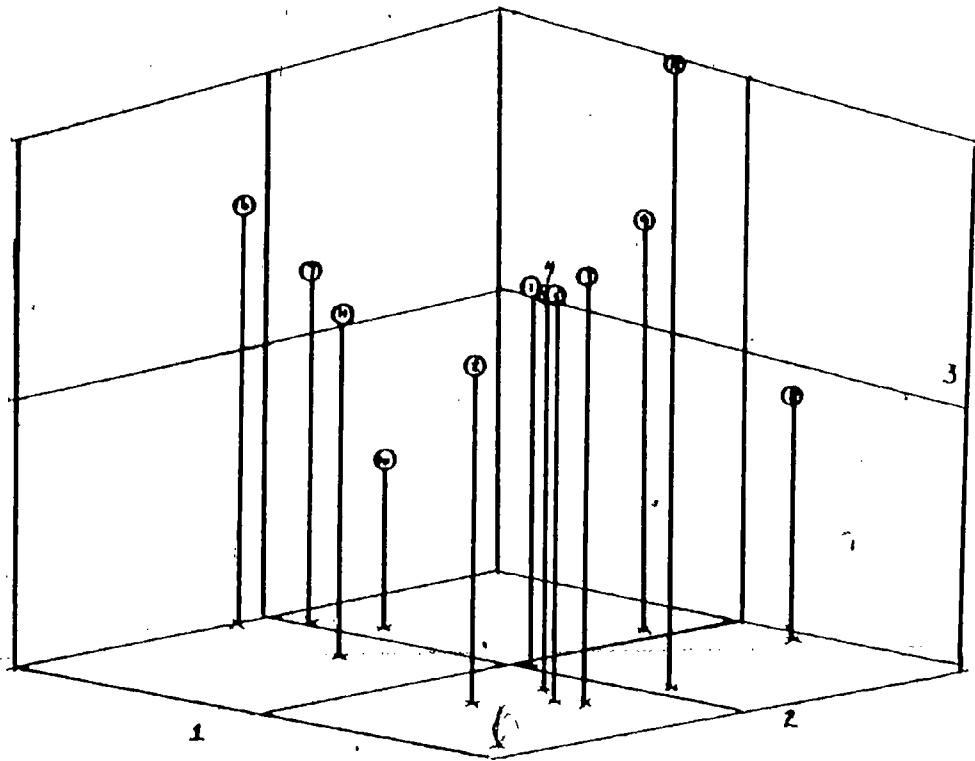


Figure 2 Newspaper Reliant/High Political Interest

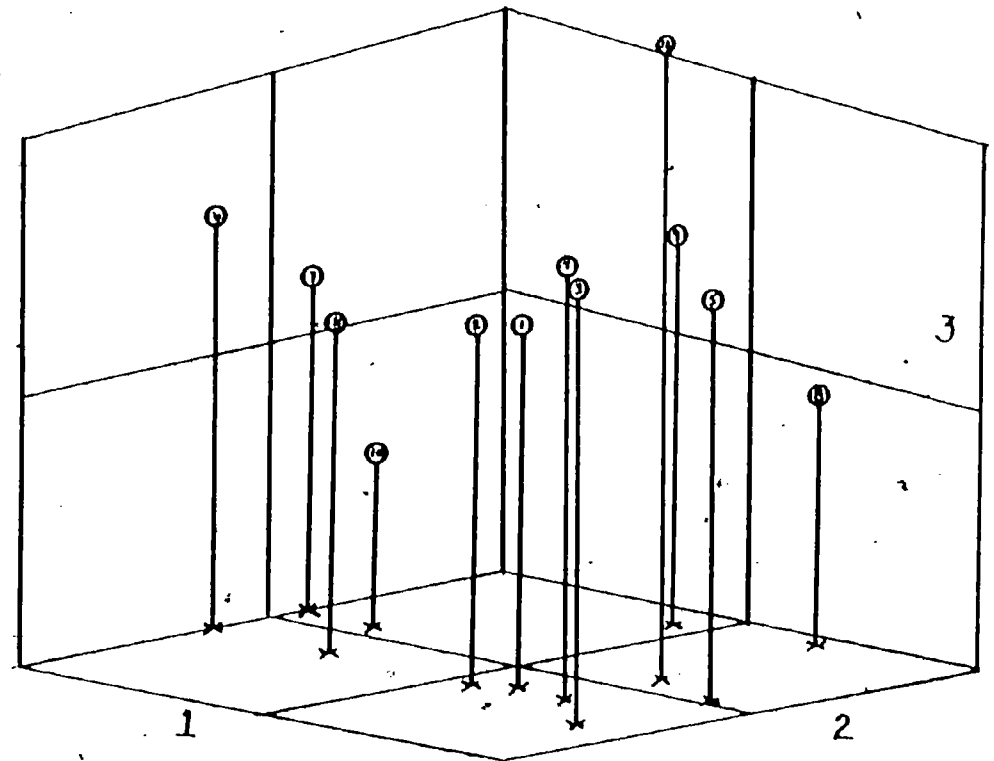


Figure 3 Television Reliant/High Political Interest

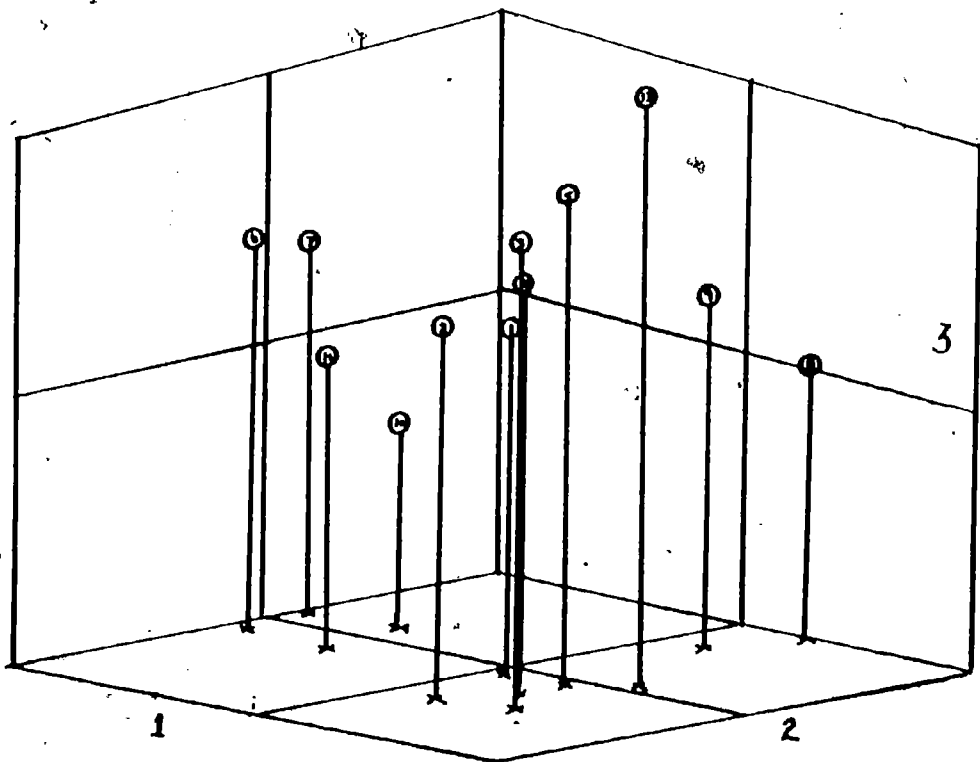


Figure 4 Newspaper Reliant/Low Political Interest

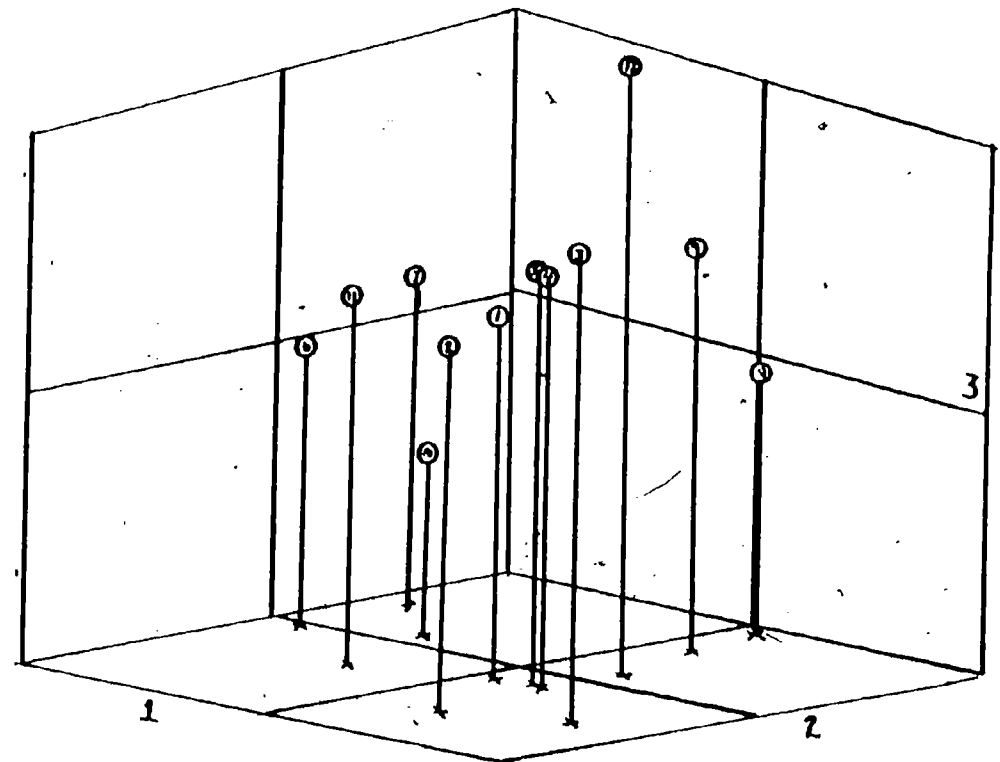


Figure 5 Television Reliant/Low Political Interest

DENDROGRAM

| ITEMS GROUPED |   |    |         | 1 | 2 | 4 | 3 | 5 | 8 | 9 | 12 | 6 | 7 | 10 | 11 |
|---------------|---|----|---------|---|---|---|---|---|---|---|----|---|---|----|----|
| CYCLE         | I | J  | COEFF   |   |   |   |   |   |   |   |    |   |   |    |    |
| 1             | 7 | 10 | 10.880  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 2             | 7 | 11 | 15.967  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 3             | 3 | 5  | 23.580  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 4             | 2 | 4  | 24.740  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 5             | 8 | 9  | 25.010  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 6             | 1 | 2  | 35.214  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 7             | 6 | 7  | 39.894  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 8             | 1 | 3  | 44.959  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 9             | 8 | 12 | 55.190  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 10            | 1 | 8  | 78.123  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 11            | 1 | 6  | 136.689 | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |

Figure 6 Newspaper Reliant/High Political Interest

DENDROGRAM

| ITEMS GROUPED |   |    |         | 1 | 4 | 2 | 3 | 5 | 8 | 9 | 12 | 6 | 7 | 11 | 10 |
|---------------|---|----|---------|---|---|---|---|---|---|---|----|---|---|----|----|
| CYCLE         | I | J  | COEFF   |   |   |   |   |   |   |   |    |   |   |    |    |
| 1             | 7 | 11 | 7.470   | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 2             | 7 | 10 | 12.110  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 3             | 1 | 4  | 24.240  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 4             | 3 | 5  | 30.480  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 5             | 8 | 9  | 31.870  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 6             | 6 | 7  | 32.020  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 7             | 1 | 2  | 38.220  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 8             | 1 | 3  | 41.792* | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 9             | 8 | 12 | 53.457  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 10            | 1 | 8  | 80.389  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 11            | 1 | 6  | 170.455 | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |

Figure 7 Television Reliant/High Political Interest

DENDROGRAM

| ITEMS GROUPED |   |    |         | 1 | 2 | 4 | 3 | 5 | 8 | 9 | 12 | 6 | 7 | 10 | 11 |
|---------------|---|----|---------|---|---|---|---|---|---|---|----|---|---|----|----|
| CYCLE         | I | J  | COEFF   |   |   |   |   |   |   |   |    |   |   |    |    |
| 1             | 7 | 10 | 14.390  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 2             | 7 | 11 | 21.117  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 3             | 2 | 4  | 26.730  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 4             | 8 | 9  | 31.288  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 5             | 2 | 3  | 31.310  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 6             | 1 | 2  | 32.840  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 7             | 1 | 5  | 39.700  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 8             | 6 | 7  | 40.404  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 9             | 8 | 12 | 50.047  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 10            | 1 | 8  | 85.411  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 11            | 1 | 6  | 140.591 | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |

Figure 8 Newspaper Reliant/Low Political Interest

DENDROGRAM

| ITEMS GROUPED |    |    |         | 1 | 4 | 2 | 3 | 5 | 8 | 9 | 12 | 6 | 7 | 10 | 11 |
|---------------|----|----|---------|---|---|---|---|---|---|---|----|---|---|----|----|
| CYCLE         | I  | J  | COEFF   |   |   |   |   |   |   |   |    |   |   |    |    |
| 1             | 10 | 11 | 28.470  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 2             | 1  | 4  | 32.060  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 3             | 8  | 9  | 33.240  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 4             | 7  | 10 | 33.777  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 5             | 3  | 5  | 35.000  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 6             | 1  | 2  | 35.314  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 7             | 6  | 7  | 41.559  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 8             | 1  | 3  | 49.627  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 9             | 8  | 12 | 55.081  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 10            | 1  | 8  | 72.913  | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |
| 11            | 1  | 6  | 111.950 | * | ] | ] | ] | ] | ] | ] | ]  | ] | ] | ]  | ]  |

Figure 9 Television Reliant/Low Political Interest



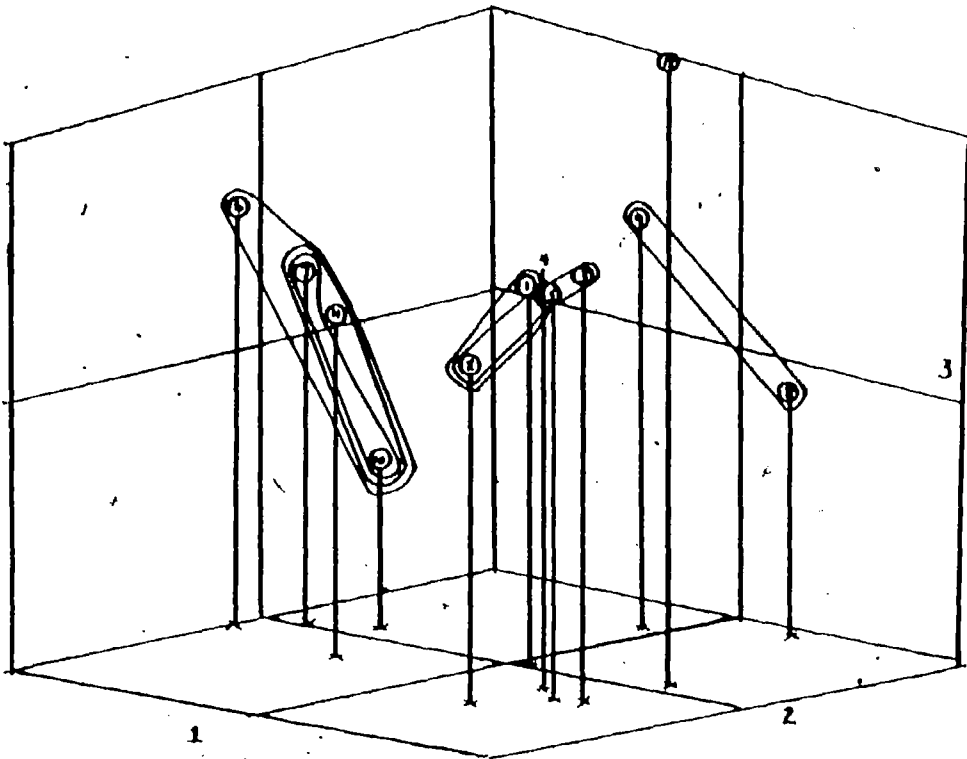


Figure 10 Newspaper Reliant/High Political Interest

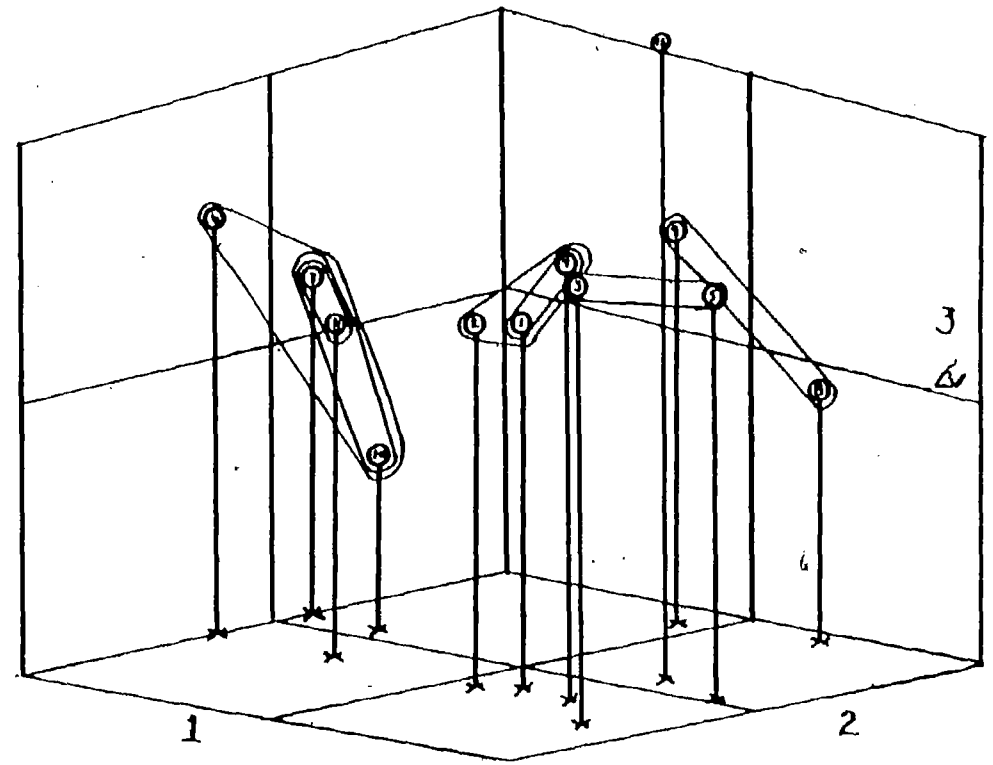


Table 11 Television Reliant/High Political Interest

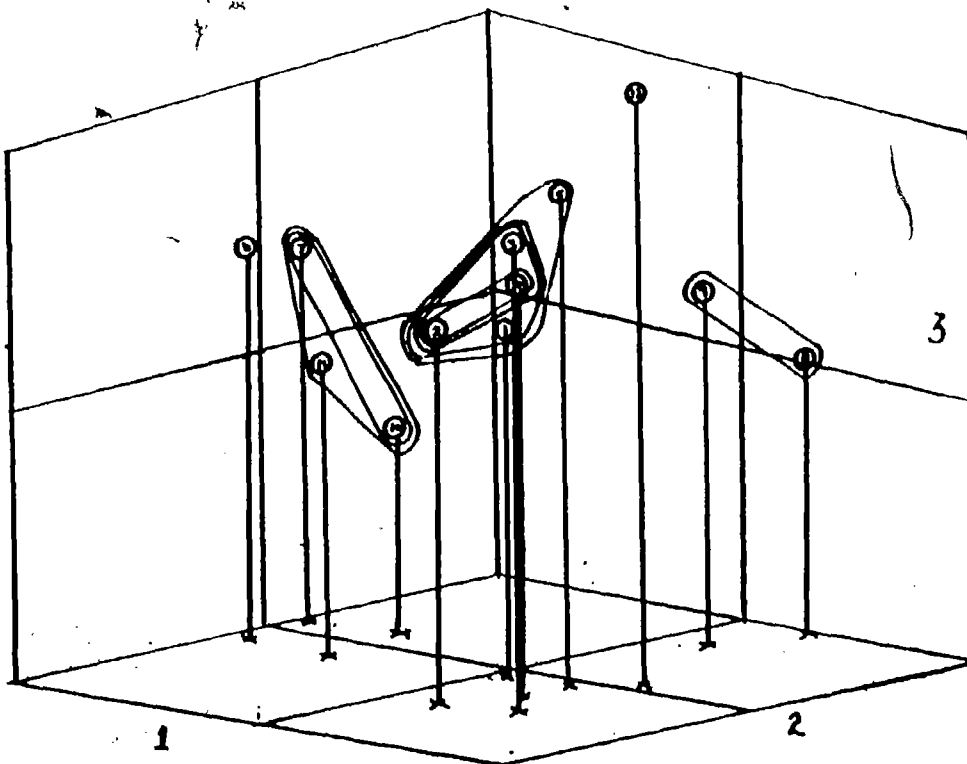


Figure 12 Newspaper Reliant/Low Political Interest

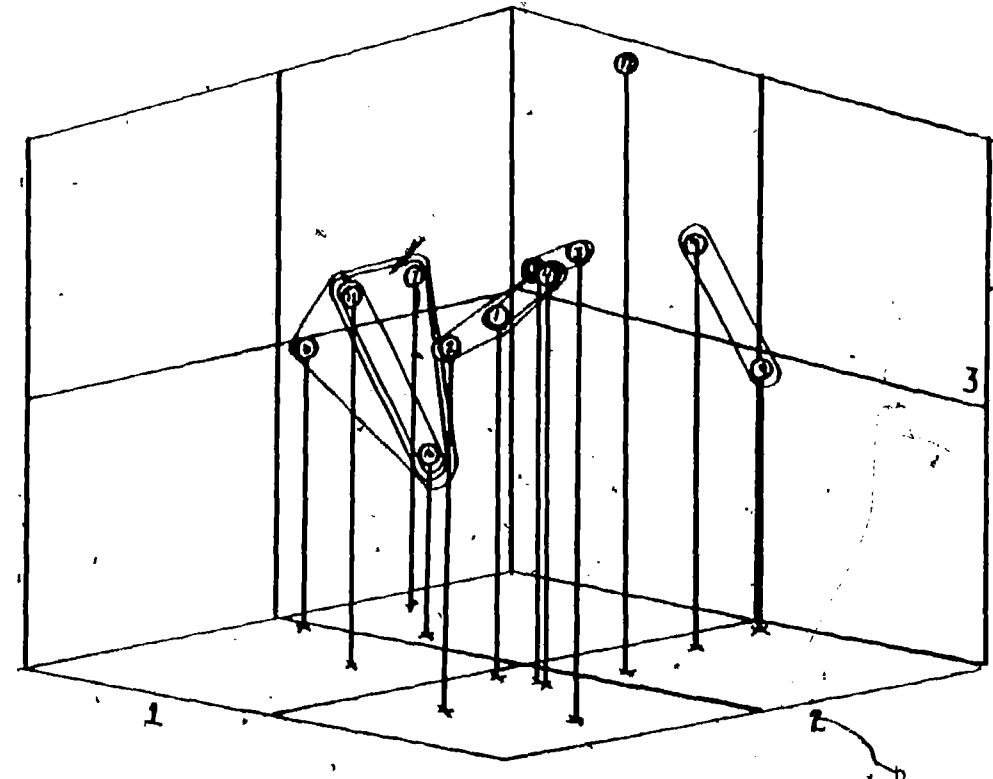


Figure 13 Television Reliant/Low Political Interest

## APPENDIX

## Measures

Political Interest was a scale of five questions, scaled 1-10.

"We would like to know how interested you are in politics."

"We would like to know how often you discuss politics with others:  
Your family, People you work with, Your friends, People in  
other social groups."

Alpha = .85

Reliance was derived from a question that asked the respondent:

"Would you say that you use Newspapers, Family and Friends, Television, Magazines, Radio or some Other source for most of your current events and political affairs information?"

Respondents were rated newspaper reliant if they ranked newspapers first; television if they ranked television first.

Issue Salience was a series of univariate items rated on a zero to ten scale, where 0 is not at all important to our nation and is very important to our nation.

The issues were "The size of the federal deficit, Unemployment, Inflation, Reagan's economic policies, Protection of American jobs, Relations with the Soviet Union, The environmental issues, Defense spending, Quality of public education, U.S. nuclear weapons policy, and interest rates."

- \_\_\_\_(1)  
 \_\_\_\_ (2)  
 \_\_\_\_ (3)  
 \_\_\_\_ (4)  
   (5)  
 \_\_\_\_ (6)  
 \_\_\_\_ (7)  
 \_\_\_\_ (8)  
   (9)

49. Some people say that some of the issues facing the nation are related. Others say issues are mostly independent of each other. We would like you to tell us how related different pairs of issues are on a one hundred point scale. I will read you two issues, and I would like you to tell me how many units apart the two issues are. The distance between the two issues will be measured in units. The more different the two issues are, the more units apart they will be.

You may give me any number between 0 and 100 that you wish.

Remember. There is no right or wrong answer. It is just what you think.

Would you like an example?

(IF YES)      (IF NO, next page)

For example, let's say that the two issues are the Crisis in the Middle East and the Soviet downing of the Korean Airlines Jet. I will ask you "How related are the Crisis in the Middle East and the Soviet downing of the Korean Airlines Jet?"

If you think that the two issues are very related you will give me a very small number. If you think that the two issues are identical, you might give me zero units.

On the other hand, if you think that these issues are very unrelated you will give me a very large number. If you think that the two issues are totally unrelated, you might give me 100 units.

(INTERVIEWER: IF R HAS TROUBLE WITH THE PAIRING THAT CONTAIN "YOU" ASK THEM TO TELL YOU IN UNITS HOW DISTANT THEY FEEL FROM THE PARTICULAR ISSUE)

| How related are:            | <u>UNITS</u> |                                     |               |
|-----------------------------|--------------|-------------------------------------|---------------|
| Reagan's Economic policies  | _____        | and the size of the federal deficit | ____(10-12)   |
| Reagan's Economic Policies  | _____        | and Unemployment                    | ____(13-15)   |
| Reagan's Economic Policies  | _____        | and Inflation                       | ____(16-18)   |
| Reagan's Economic Policies  | _____        | and Protecting American Jobs        | ____(19-21)   |
| Reagan's Economic Policies  | _____        | and U.S. Role in Central America    | ____(22-24)   |
| Reagan's Economic Policies  | _____        | and Relations with the Soviet Union | ____(25-27)   |
| Reagan's Economic Policies  | _____        | and the Environment                 | ____(28-30)   |
| Quality of Public Education | _____        | and U.S. Nuclear Weapons Policy     | ____(31-33)   |
| Quality of Public Education | _____        | and You                             | ____(34-36)   |
| Unemployment                | _____        | and U.S. Role in Central America    | ____(37-39)   |
| U.S. Nuclear Weapons Policy | _____        | and You                             | ____(40-42)   |
| Protecting American Jobs    | _____        | and Relations with the Soviet Union | ____(43-45)   |
| Protecting American Jobs    | _____        | and the Environment                 | ____(46-48)   |
| Protecting American Jobs    | _____        | and Defense Spending                | ____(49-51)   |
| Protecting American Jobs    | _____        | and the Quality of Public Education | ____(52-54)   |
| Protecting American Jobs    | _____        | and U.S. Nuclear Weapons Policy     | ____(55-57)   |
| Protecting American Jobs    | _____        | and You                             | ____(58-60)   |
|                             |              |                                     | <u>1</u> (61) |
|                             |              |                                     | 62-79 Blanks  |
|                             |              |                                     | <u>4</u> (80) |

| How related are:         | <u>UNITS</u> |   |
|--------------------------|--------------|---|
| Unemployment             | _____        | and Protecting American Jobs _____(10-12)         |
| Unemployment             | _____        | and Relations with the Soviet Union _____(13-15)  |
| Unemployment             | _____        | and the Environment _____(16-18)                  |
| Unemployment             | _____        | and Defense Spending _____(19-21)                 |
| Unemployment             | _____        | and the Quality of Public Education _____(22-24)  |
| Unemployment             | _____        | and U.S. Nuclear Weapons Policy _____(25-27)      |
| Unemployment             | _____        | and You _____(28-30)                              |
| Inflation                | _____        | and Protecting American Jobs _____(31-33)         |
| Inflation                | _____        | and the U.S. Role in Central America _____(34-36) |
| Inflation                | _____        | and Relations with the Soviet Union _____(37-39)  |
| Inflation                | _____        | and the Environment _____(40-42)                  |
| Inflation                | _____        | and Defense Spending _____(43-45)                 |
| Inflation                | _____        | and the Quality of Public Education _____(46-48)  |
| Inflation                | _____        | and U.S. Nuclear Weapons Policy _____(49-51)      |
| Inflation                | _____        | and You _____(52-54)                              |
| Protecting American Jobs | _____        | and the U.S. Role in Central America _____(55-57) |
|                          |              | <u>6</u> (58)                                     |
|                          |              | <u>6</u> (59)                                     |
|                          |              | <u>6</u> (60)                                     |
|                          |              | <u>2</u> (61)                                     |
|                          |              | 62-79 Blanks                                      |
|                          |              | <u>4</u> (80)                                     |

How related are:

UNITS

|                                 |       |                                      |          |              |
|---------------------------------|-------|--------------------------------------|----------|--------------|
| The Size of the Federal Deficit | _____ | and Unemployment                     | _____    | (10-12)      |
| The Size of the Federal Deficit | _____ | and Inflation                        | _____    | (13-15)      |
| The Size of the Federal Deficit | _____ | and Protecting American Jobs         | _____    | (16-18)      |
| The Size of the Federal Deficit | _____ | and the U.S. Role in Central America | _____    | (19-21)      |
| The Size of the Federal Deficit | _____ | and Relations with the Soviet Union  | _____    | (22-24)      |
| The Size of the Federal Deficit | _____ | and the Environment                  | _____    | (25-27)      |
| The Size of the Federal Deficit | _____ | and Defense Spending                 | _____    | (28-30)      |
| The Size of the Federal Deficit | _____ | and the Quality of Public Education  | _____    | (31-33)      |
| The Size of the Federal Deficit | _____ | and U.S. Nuclear Weapons Policy      | _____    | (34-36)      |
| The Size of the Federal Deficit | _____ | and You                              | _____    | (37-39)      |
| Unemployment                    | _____ | and Inflation                        | _____    | (40-42)      |
| Defense Spending                | _____ | and You                              | _____    | (43-45)      |
| Reagan's Economic Policies      | _____ | and Defense Spending                 | _____    | (46-48)      |
| Reagan's Economic Policies      | _____ | and the Quality of Public Education  | _____    | (49-51)      |
| Reagan's Economic Policies      | _____ | and the U.S. Nuclear Weapons Policy  | _____    | (52-54)      |
| Reagan's Economic Policies      | _____ | and You                              | _____    | (55-57)      |
|                                 |       |                                      | <u>6</u> | (58)         |
|                                 |       |                                      | <u>6</u> | (59)         |
|                                 |       |                                      | <u>6</u> | (60)         |
|                                 |       |                                      | <u>3</u> | (61)         |
|                                 |       |                                      |          | 62-79 Blanks |
|                                 |       |                                      | <u>4</u> | (80)         |

How related are:

UNITS

|                                 |       |                                     |              |
|---------------------------------|-------|-------------------------------------|--------------|
| U.S. Role in Central America    | _____ | and Relations with the Soviet Union | ____(10-12)  |
| U.S. Role in Central America    | _____ | and the Environment                 | ____(13-15)  |
| U.S. Role in Central America    | _____ | and Defense Spending                | ____(16-18)  |
| U.S. Role in Central America    | _____ | and the Quality of Public Education | ____(19-21)  |
| U.S. Role in Central America    | _____ | and the U.S. Nuclear Weapons Policy | ____(22-24)  |
| U.S. Role in Central America    | _____ | and You                             | ____(25-27)  |
| Relations with the Soviet Union | _____ | and the Environment                 | ____(28-30)  |
| Relations with Soviet Union     | _____ | and Defense Spending                | ____(31-33)  |
| Relations with Soviet Union     | _____ | and the Quality of Public Education | ____(34-36)  |
| Relations with Soviet Union     | _____ | and U.S. Nuclear Weapons Policy     | ____(37-39)  |
| Relations with Soviet Union     | _____ | and You                             | ____(40-42)  |
| Environment                     | _____ | and Defense Spending                | ____(43-45)  |
| Environment                     | _____ | and the Quality of Public Education | ____(46-48)  |
| Environment                     | _____ | and U.S. Nuclear Weapons Policy     | ____(49-51)  |
| Environment                     | _____ | and You                             | ____(52-54)  |
| Defense Spending                | _____ | and the Quality of Public Education | ____(55-57)  |
| Defense Spending                | _____ | and U.S. Nuclear Weapons Policy     | ____(58-60)  |
|                                 |       |                                     | 4 (61)       |
|                                 |       |                                     | 62-79 Blanks |
|                                 |       |                                     | 4 (80)       |

1

