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C. M. ELDER

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(1/10/72 - 31/12/73)

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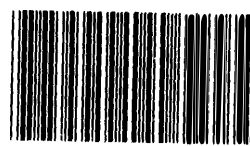
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DATA BANK

The record of files stored on magnetic tape has been proceeded with since the issue of Report No. 181 in October 1972. A supplementary list was compiled of files written in 1972 subsequent to the appearance of the report. The list for 1973 includes files written from the beginning of January to the end of December.

Originating Division : Computer.

Data Bank
Reference No.

1. Autonomy Scale - University of Port Elizabeth. (Dr Strumpfer)
Data, consisting of scores on 93 variables for 233 English and 216 Afrikaans subjects separately. 1972 Supp: 40,41
Separate intercorrelation matrices and rotated and unrotated factor matrices for Afrikaans and English Subjects. (No. of variables = 93, no. of factors = 9) 1972 Supp: 1-7
2. Radio Noise. (Mr Hartnagel)
A single file containing the 3935 medians computed for NITR. 1972 Supp: 42
3. Bilingualism Ego-Switch. (Mrs V. Hodge)
Responses of 148 Afrikaans and 86 English subjects to a questionnaire of 65 items; also test scores, difference scores and standard deviations. 1972 Supp: 45-68
4. Visual Perception. (Miss Parker)
Scores of 203 subjects to 222 variables. 1972 Supp: 73
5. Regression analysis for prediction of school achievement (Mr Miller & Miss Segal)
Scores of 22 subjects on 64 variables. 1972 Supp: 79
6. S.E.I.F.S.A. (Dr G.V. Grant)
Responses to 29 items & 5 biographical variables for a sample of 120 subjects. Also data sets comprising the 5 biographical variables and the total test score separately for Highveld, Non-Highveld, English and Afrikaans sub-samples as well as for the entire group. 1972 Supp: 95,96
1972 Supp: 102-105
7. Influence of Anxiety on Serial Learning (Mr H.J. van Rooyen)
Scores of 80 cases on 15 variables 1972 Supp: 98-99
Also an 18 x 18 intercorrelation matrix & factor matrices. 1973 : 14, 18, 19

8. Marketing Organisation Consumer Survey. (Mr N. Green)

Data sets for 543 women and 555 men with responses to 324 and 408 questions respectively. 1972 Supp : 100,101

Also selections of variables and files of computed results 1973 : 105-108
1973 : 109-141

9. Factor Rotation. (For Miss Styles)

A factor matrix of 35 creativity factors. 1972 Supp : 119
(see also 1969 : 170)

10 Number Concepts in Children. (Mr Dreyer)

Data for 400 subjects (100 from each of 4 culture groups) with scores on 25 test items and 4 biographical variables. 1973 : 7-12

Also 4 individual 25 x 25 correlation matrices. 1973 : 47,48

Rotated Factor Matrices were kept for each culture group.

(6 factors). 1973 : 50-52

11 Effects of Job Enrichment in Department Stores. (Mr Reichman)

Responses of 54 subjects to 83 variable and to 15 of these variables plus additional variables. 1973 : 13 & 15

12 Organisational Climate Study. (Mr Gelfand)

Original scores on 40 Organisational Climate, 60 Self-Actualization and 40 Self-Realization Scores for 1973 : 33-39

a sample of 67 subjects; also combined scores in both raw and standardised form resulting in data sets with 21

O.C. 18 S.A. and 18 S.R. variables. Corrected data sets. 1973 : 78 - 84

13 Industrial Survey - Job Reservation. (Mr Zulberg)

For 117 subjects there are 9 items of biographical data and the responses to the individual questions in 3 1973 : 59-61

questionnaires. Also the corrected data obtained by reversing the scores on 24 questions; and the biographical

data combined with, for each test, the total score derived from

the items yielding highest reliability, the no. of such items and the average response to them.

- 14 Attitudes to Mental Illness. (Mr Herr)
The original data consisted of the scores of 97 subjects on 1973 : 65-66
30 variables. From these were obtained scores on 3 sub-tests. 1973 : 70,71
Correlation and factor matrices of dimensions 19 x 19 and
20 x 19 were derived and kept.
- 15 Attitude Survey. (Dr Deppe)
For 122 questions there were the responses of 79 subjects. 1973 : 67-69
A factor analysis was carried out on 96 variables and the
intercorrelation matrix and factor matrix of 26 factors
have been kept.
Data set for 89 variables. 1973 : 85
- 16 S.A.I.M.R. Human Genetics Data Bank. (Dr Jenkins)
Scores for 1652 cases on 177 variables. 1973 : 74
- 17 I.Q. School Performance and Emotional Disturbance. (Miss E. Ming)
Scores on 26 variables for 21 cases. 1973 : 75
- 18 Second Consumer Survey. (Mr N. Green)
Information on 44 items for a sample of 500. 1973 : 172
- 19 Management Research. (Dr H. Schmidt)
Duplicate copies of the responses of 319 subjects 1973 : 198-202
to 5 multichoice questionnaires. The data, 1973 : 207-211
loaded via the OMR, consisted of
Section A : 15 two-choice questions
Section B : 40 two-choice questions
Section C : 30 five-choice questions
Section D : 48 ten-choice questions
Section E : 45 five-choice questions

Originating Division : Personality and Temperament.

Data Bank
Reference No.

1. Curiosity Study.

Incongruity Test

Twenty transformed scores for 98 subjects.
Data for 98 subjects - 19 variables.
Also for 22 variables of which 6 had been recoded.

1972 Supp : 11
1972 Supp : 93
1973 : 142

Blurred Pictures Test

Transformed scores for 98 subjects (49 variables)
Data for 98 subjects - 41 variables.

1972 Supp : 12,13
1972 Supp : 94

Skin Condition

Separate files for about 47 Africans and 50 Europeans containing data in original and obverted form for groups of variables and also medians, means and standard deviations.

1972 Supp : 14-25
1972 Supp : 31-39

Reaction Times

Scores of 47 African and 50 European subjects both separately and combined.
Data sets for Africans and Europeans on 89 & 93 vars, combined data for all subjects on all variables, with missing information recoded and error responses included.
Representational Complexity Scales for Europeans and Africans separately - 68 variables.
Scores on 9 Novelty tests and scores and scores on 72 Non-Representational tests.

1972 Supp : 83,91,92
1972 Supp : 89,90
1972 Supp : 80,82,84
1973 : 40,41
1973 : 42,43,44

2. Mosaic Patterns.

Sample 3 - College of Education :- Scores of 188 subjects on 46 Circles and Triangles tests.
Separate data sets for the scores of 86 subjects on 24 Squares and 24 Pentagons tests.
Raw scores and factor scores for Triangles test for 304 subjects.
Factor scores for Circles test.
Two similarity matrices of dimension 46 x 46.

1972 Supp : 88
1973 : 25,29
1973 : 27,28
1973 : 26
1973 : 30-32

Originating Division : Neuropsychology.

1. Authoritarian Scale - Field Dependence. (MMI)

Two data sets for 83 subjects, one with 4 and the other with 34 variables and one data set for 97 subjects and 60 variables. All data having been loaded by the OMR has been kept in duplicate.

1972 Supp: 28-30
and
70-72

Minimal Cerebral Dysfunction Analysis.

Data for 35 experimental and 35 control subjects on 20 variables. Also means and covariance matrices for each group.

1973 : 1-6

Data and difference scores for the two groups combined.
Model Matrix *

1973 : 16-17
1973 : 109

Personality Questionnaire.

Responses of 286 subjects to 236 questions. (Birds)

1973 : 24

D.P. Houdingsopname.

Various files of data for different groups of cases.

1973 : 88-92
1973 : 102,103

Ducks.

Scores of 100 subjects on 11 tests and a 10 x 10 inter-correlation matrix.

1973 : 22, 23

Originating Division : Psychometrics.

Data Bank

Reference No.

1. Motivation Pilot Study.

Raw scores and standardised scores for 100 cases on seven need scales and age and education.

1972 Supp: 9,10

2. Creativity : Common Elements.

For 104 subjects there are duplicate copies of the original data set of 225 variables loaded via the optical mark reader; Also a data set comprising 25 computed scores.

1972 Supp : 26,27

1972 Supp : 69

3. Deductive Reasoning Test.

Three total test scores for each of 337 subjects.

1972 Supp : 43

4. Attitude to Job Enrichment.

For 90 subjects there are two data sets : one for 22 selected variables, and the other for 36 attitude scores and authoritarian subscale totals.

1972 Supp : 86,87

5. Personality Questionnaire.

For the questionnaire of 236 questions there are the following samples.

1) 116 males and females

1972 Supp : 174

2) 286 cases

1973 : 24

3) 143 and 186 Eng. students at Pretoria University

1973 : 53,54

4) 469 Pretoria Eng. students and P/P combined

1973 : 87

5) 149 males and 150 female students at Pretoria University

1973 : 146,147

6) additional variables for the samples at 469 and 149

1973 : 144,145

6. Extended Form Series Test.

For 180 subjects there are 3 FST scores and these scores combined with codes for age and education group.

1973 : 20,21

For the P-C group there are data sets of size 180, 92 and 88 with scores on 42 variables.

1973 : 55,56,58

For the conceptual group there are scores of 180 subjects on 24 variables.

1973 : 57

Data Bank

Reference No.

7. Inductive Reasoning Test.

For forms A and B of the 34 or 43 item test there are scores of 96 and 79 English students at Pretoria University.

1973 : 45,46

8. Business School Personality Questionnaire.

Responses of 56 subjects to 152 questions.
(Two copies of data loaded by OMR).

1973 : 73,86

9. Driving Test.

Data for 1013 subjects, 143 variables loaded on 13/7/73. Variables were rearranged in the required sequence on 16/7/73.

1973 : 76

1973 : 77

Originating Division:

Psychology of Learning.

Data Bank

Reference No.

1. Electronics Test Data.

Scores of 34 subjects on 133 variables.

1972 Supp: 97

Combined data for item analysis - 105 cases,
133 variables.

1973 : 47

Originating Division : Management Studies.

Data Bank

Reference No.

1. Labour Mobility.

Separate data sets for groups of 293, 630 and 243 subjects with scores on 13 variables; and for the groups of 293 and 243 subjects with scores on these 13 variables plus a further 3 variables.

1972 Supp : 74-78

2. O.D. Seminars - In-basket Test.

Scores on 20 variables for 61 subjects.

1972 Supp : 85

Originating Division : Industrial Ethnology.

Data Bank
Reference No.

1. Good Hope Textiles.
Responses to 116 schedule items for 96 female workers. 1972 Supp : 44

2. Bantu Women in Industry.
 - a) Record Cards
For the Springbok (Babalegi) factory information 1973 : 149,150
was obtained on 8 of the 14 items for 576 1973 : 156,157
workers of whom 12 were males. Information was 1973 : 161,165
obtained on all 14 items for 1032 workers at Veka
(Newcastle). Information on length of service and absence
and separation was derived and retained.
 - b) Interview Schedules
For each of the samples of 100 women there are 1973 : 151,155
responses to 265 questions. Files of data 1973 : 158-160
for selected variables recoded for cross tabulation 1973 : 173-174
and A.I.D. analysis here also been kept. 1973 : 194,195

3. Cape Town Housing Survey.
Responses in both original and recoded form to a 1973 : 203
schedule of 81 questions for 221 subjects.

Originating Division : C.S.I.R. Personnel Selection
and
Vocational Guidance.

Data Bank

Reference No.

1. Research Scientists.

Data and standard deviations and all the intermediary data sets produced in the course of factor analysing 34 variables separately for 82 English and 64 Afrikaans subjects.

1972 Supp: 107-115

Originating Division : Personnel Selection
and
Vocational Guidance.

	<u>Data Bank</u>	<u>Reference No.</u>
1. Responses in original and corrected form to the 103 items comprising the 2nd questionnaire (694 subjects). For 681 subjects, responses to the 1st and 2nd questionnaires.		1972 Supp: 8 1973 : 206 1972 Supp: 117
Data for 1272 subjects in original, recoded and corrected form for 288 variables taken from the Interview and the 1st questionnaire, and for subgroups of 947 and 987 of these subjects		1972 Supp: 106 1973 : 197,204 1972 Supp: 118 1973 : 205
Responses to the third questionnaire of 51 variables for 595 subjects.		1973 : 148
Information for a sample of 473 university students on 31 selected variables in original form and as recoded for A.I.D. analysis, and for the 206 of these students for whom 2nd year marks were available.		1973 : 212-214
2. <u>Chamber of Mines.</u>		
Scores on 9,8,7,6, variables for the 4 groups selected for the study on multiple exposure.		1973 : 168-171

Division : No. 7050

Data Bank
Reference No.

S.M.A.

3 small data sets.

1972 Supp : 121-123

Submarine Data.

Scores on eleven variables for 100 subjects,
and a 10 x 10 intercorrelation Matrix
scores on 21 and 23 variables for the second and
third samples of 57 and 101 cases

1973 : 22-23

1973 : 166,167

Aviation Questionnaire.

Responses of 173 pupil pilots to 70 questions.

1973 : 72

DP. Attitude Study.

Card images and data in NIPR. format for the
January and July samples.

1973 : 88-103

M.M.I. Follow-up.

Scores and factor analysis results for three
batteries.

1973 : 176-193

