INGPLT and DRAW: Developments in grid technique

W. D. EVANS and R. W. HOLDEN
*University of Melbourne
Parkville, Victoria 3052, Australia*

Practical application of Kelly's (1955) repertory grid (RG) methodology has been greatly enhanced by Slater's Grid Analysis Package (GAP) (Chetwynd, 1974). However, limitations in clinical application were noted with regard to turnaround time required by batch processing and the lack of simple graphic output for interpretation, by both client and therapist.

Program INGPLT, devised by Salmon (Note 1) and programmed by the first author, is an augmented rewrite of Slater's INGRID program. Graphic output is limited to a 20-cm square for use on a portable hard-copy terminal.

A further modification enables constructs and elements from 1 to 10 grids to be plotted on two principal components simultaneously. The system structure was altered to allow the plotting option to be a self-contained module, accepting input from a slightly modified INGRID program.

The Program. DRAW is an interactive program that generates a 33-cm-square plot of element and construct loadings on two principal components for either single or multiple repertory grids. It is intended primarily for direct therapeutic applications.

Input. The program requires one parameter (number

of grids to be plotted). Input data is read from a file output by INGRID.

Output. A plot 33 cm square, containing elements and constructs of all repertory grids input, is labeled alphabetically.

Restrictions. DRAW operates on between 1 and 10 grids simultaneously. Both numbers of constructs and elements are limited to 26. The program is written in FORTRAN IV and was developed on a CYBER 73. Run time for input of 10 10 by 10 grids on the CYBER 73 is approximately 10 sec.

Availability. A copy of the DRAW listing, and changes necessary to INGRID, may be obtained free of charge from Bill Evans, Department of Psychology, University of Melbourne, Parkville 3052, Victoria, Australia.

REFERENCE NOTE

1. Salmon, P. W. *A dynamic testing approach to attitude change*. Unpublished doctoral dissertation, 1976. Available from: Department of Psychology, University of Melbourne, Parkville, Victoria 3052, Australia.

REFERENCES

- CHETWYND, S. J. *Outline of the analyses available with GAP: The Grid Analysis Package*. London: Institute of Psychiatry, St. Georges Hospital, 1974.
- KELLY, G. A. *The psychology of personal constructs* (Vols. 1-2). New York: Norton, 1955.

(Accepted for publication June 19, 1978.)