

SUPPLEMENTARY PROGRAMS

Re-Viewing Results from the CALCAP Program

The CALCAP program stores a copy of all data collected during the task in a file called '*subjn-xx.DAT*' where '*subjn*' is the subject number entered at the beginning of the program and '*xx*' is a coded form of the date of the exam. You can review exam results by typing 'Review' or 'Review *subjn*' at the system prompt. (Note: You must already be in the \CALCAP subdirectory before using this command.) In the Windows version of the CalCAP you can click on the 'Review' icon in the CalCAP folder (Start → Programs → CalCAP → Review).

Preparing Data Sets for Additional Data Analyses [DOS Version Only]

It is possible to simplify the data structure of the raw CALCAP data files significantly by using the SHORTEN utility. This utility takes all CALCAP data and arranges it in a fixed format suitable for use by statistical packages or database programs. The SHORTEN program is invoked by typing:

```
SHORTEN
```

at the DOS command prompt. The SHORTEN program will merge all CALCAP raw data files of the form *subjn-xx.dat* into a single data file named *MMDDYYA.DTA* where MM is the month, DD is the day, YY is the year, and the letter A is appended to the date if this is the first such file in your directory, the letter B is appended if this is the second such file, and so on. This file can then be used as an input file for your database program or statistical package.

The SHORTEN program is designed for use with the Standard and Abbreviated versions of the CALCAP program, and should work with most Customized versions, as long as no single task (e.g., Choice Reaction Time Task 03) is repeated more than once. For more information on the structure of this data file and procedures for using the SHORTEN program, see Appendix E.

Archiving Data to Save Disk Space [DOS Version Only]

In the DOS version of the CalCAP program data can be archived by using the 'Transfer' command. 'Transfer' compresses the data on your hard disk and then transfers this compressed data to a floppy diskette. After the data have been compressed you will no longer be able to use 'Review' to look at old exam results.

To use the 'Transfer' command to compress and transfer data to a disk in Drive A you would type

```
TRANSFER A :
```

at the DOS prompt. You must already be in the \CALCAP subdirectory before using this command. This command will not work with the Windows version of the CalCAP since no external drives are recognized from the virtual machine DOS prompt.

Safety Tips: You should be sure that the floppy disk that you use has already been formatted and has no other files on the disk. Since TRANSFER deletes all of your old data files when it is finished you should always back up your data files [**.DAT*] to a floppy diskette before using the TRANSFER command. In addition to the DOS Copy command (for example, *COPY *.DAT A :*), there are a number of commercial and shareware programs that can be used to back up your data.

Technical Notes: TRANSFER uses a shareware data compression program called LHARC (Copyright © Haruyasu Yoshizaki 1988-89).

Identifying Multiple Program Drivers for the CALCAP Program

If you want to know which versions of the CALCAP program are installed on your hard disk, type the command 'CALCAP' at the DOS prompt. You must already be in the \CALCAP subdirectory for this command to work.