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Terminal Talk - The Wofford Connection- May 1971

Wofford College Computer Center

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TERMINAL FILE

-THE WOFFORD CONNECTION-

Wofford College Computer Center

Spartanburg, South Carolina

May 1971

Issue No. 32

New Programs.

The following new programs have been added to the Dana Quade statistical package:

MULMOD*** is a new program used to analyze the general multivariate linear regression model $Y = X\beta + E$, where these variable all represent matrices. The program may be used for up to ten dependent variates, up to ten independent variates and an unlimited number of observations. For further information, consult the Computer Center files (TSL 6.4).

POPPR* is a new program for population projection and for studying the stable population implied by any given set of annual age-specific birth and death rates. Input required includes initial population (absolute numbers) by age and annual age-specific birth and death rates. Ages may be grouped as desired. One defines a required projection and output includes an analysis of projected population versus the stable population, on age distribution, birth rate, death rate, growth rate, mean age, mean age at death, life expectancy, mean age of fertility schedule, net reproduction rate, and mean length of a generation. Output also includes approximate time to reach stability. For further information, consult the Computer Center files (TSL 11.4).

The following programs have been revised: MAKTAB*** (TSL 5.1), POLPLO***, CHESUM*** (TSL 9.1), VERFIL*** (TSL 9.2), CDATES*** (TSL 9.7), PACFOR*** and UNPFOR*** (TSL 9.3).

Summer Schedule.

The following arrangements have been made for the summer, beginning 1 June 1971.

1. The computer will be available during "non-prime hours only. These are:
7 p.m. -- 7 a.m. Mon. thru Thurs.
7 p.m. Friday to 7 a.m. Monday
2. The Computer Center key may be checked out at the college switchboard upon proper identification and acceptance of responsibility by signature. Return the key promptly.
3. The local telephone line will not be available this summer. Use the INWATS number posted on the terminal.