Nom del programa: PS-STAT (18 separate programs)

Area/àrees d'aplicació (Estadística, Sistemes, etc.):
Mathematical statistics.

Descripció del software:

- Llenguatge: Turbo-Pascal 5.0

- Ordinador/s: IBM PC/compatible/

- Sistema operatiu: MS DOS

Està disponible en els suports següents:

Floppy disk/diskette. Assenyaleu:

Mida: 3.5": 2 diskettes HD/high density/, DS/double sided/ or
Mida: 5.5": 6 diskettes DD with 360 K capacity

Cinta magnètica. Assenyaleu:

Mida   Densitat   Codi

Distribuït per: Inst. of Computer Science, University of Wroclaw, Poland.

Configuració mínima de hardware requerida:
Compatible IBM PC, 640 K RAM

Requereix l'ensinistrament de l'usuari: Minimum

Documentació Short description of underlying formulae in the form of a manuscript.

Llistat, font disponible: No

Grau de desenvolupament:

Es fa servir aquest software normalment? Yes

En cas afirmatiu

des de quan? October 1990

a quants llocs? Wroclaw University: Inst. of Psychology and Institute of Computer Science, for teaching.

L'autor d'aquest software està disponible per atendre *les preguntes* dels usuaris?
Yes (Maria Wozniak)

Descripció del que fa l'esmentat software: (200 paraules aproximadament).

The package is designed as an auxiliary tool in teaching some basic statistical concepts to students with low mathematical training. The package has elaborated graphics and works in an interactive way. It contains 18 programs which can work under a common menu or as selfstanding modules. Each program can show demonstrative example(s) and/or it can deal with small data sets provided by the user.

The topics included in the package are: graphs and quantiles of some discrete and continuous distributions, generating the distribution of the sample mean, confidence intervals and confidence ellipses for the binomial and normal distributions, one-way analysis of variance, training in drawing the least squares regression line, clustering together individuals or variables using the single linkage or complete linkage method, finding representative variables by regression analysis, performing correspondence analysis for a two-way contingency table.

Posibles usuaris: Students of psychology, sociology, biology, agriculture, etc.

Camps d'interès: Mathematical statistics, Mathematical Modelling.

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