

**VERSUS****PURPOSE**

Allows one or more variables to be plotted against one other variable (in the PLOT command).

**SYNTAX**

None

**EXAMPLES**

PLOT Y1 Y2 Y3 Y4 Y5 VERSUS X

PLOT Y PRED VERSUS X

PLOT Y1 VERSUS X1 Y2 VERSUS X2

**NOTE**

The most important and common use of VERSUS is in post-fitting validation analysis when one serimposes the raw data (e.g., Y) and the predicted values from the fit (PRED) versus the independent variable (e.g., X). For example,

LINEAR FIT Y X

LINE BLANK SOLID

PLOT Y PRED VERSUS X

**DEFAULT**

None

**SYNONYMS**

VS or VS. can be used as abbreviations for VERSUS.

**RELATED COMMANDS**

PLOT = Generate a data or function plot.

**APPLICATIONS**

Multi-trace plotting

**IMPLEMENTATION DATE**

Pre-1987

## PROGRAM

```

. POLLUTION SOURCE ANALYSIS, LLOYD CURRIE, DATE--1990
. SUBSET OF CURRIE.DAT REFERENCE FILE
.
LET LEAD = DATA 164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA 106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
LET N = SIZE LEAD; LET X = SEQUENCE 1 1 N
.
LINE BLANK ALL
CHARACTER CIRCLE SQUARE
CHARACTER FILL OFF ON
LEGEND 1 CIRC() - POTASSIUM
LEGEND 2 SQUA() - LEAD
LEGEND FONT SIMPLEX
LEGEND 2 FILL SOLID
XILABEL SEQUENCE
TITLE AUTOMATIC
PLOT POT LEAD VS X

```

