DIABETES DATASET DATA-CODES

\* data-[01-70]: data sets covering several weeks' to months' worth of

outpatient care on 70 patients. An additional 10 sets will be made

available two weeks prior to the symposium for interested parties. Please

contact the organizers if you would like to obtain these data sets.

Diabetes patient records were obtained from two sources: an automatic

electronic recording device and paper records. The automatic device

had an internal clock to timestamp events, whereas the paper records

only provided "logical time" slots (breakfast, lunch, dinner,

bedtime). For paper records, fixed times were assigned to breakfast

(08:00), lunch (12:00), dinner (18:00), and bedtime (22:00). Thus

paper records have fictitious uniform recording times whereas

electronic records have more realistic time stamps.

Diabetes files consist of four fields per record. Each field is

separated by a tab and each record is separated by a newline.

File Names and format:

(1) Date in MM-DD-YYYY format

(2) Time in XX:YY format

(3) Code

(4) Value

The Code field is deciphered as follows:

33 = Regular insulin dose

34 = NPH insulin dose

35 = UltraLente insulin dose

48 = Unspecified blood glucose measurement

57 = Unspecified blood glucose measurement

58 = Pre-breakfast blood glucose measurement

59 = Post-breakfast blood glucose measurement

60 = Pre-lunch blood glucose measurement

61 = Post-lunch blood glucose measurement

62 = Pre-supper blood glucose measurement

63 = Post-supper blood glucose measurement

64 = Pre-snack blood glucose measurement

65 = Hypoglycemic symptoms

66 = Typical meal ingestion

67 = More-than-usual meal ingestion

68 = Less-than-usual meal ingestion

69 = Typical exercise activity

70 = More-than-usual exercise activity

71 = Less-than-usual exercise activity

72 = Unspecified special event