SIZE: 224 Observations (112 subjects), 21 Total Variables

Data description:

These data were collected in Southern California. Data on many physiological variables were collected successively in time on each patient. Initial measurements (measurements upon admission) and final measurements on the same variables (measurements just before death or discharge) were collected on 113 critically ill patients (variable RECORD). Perform a data analysis using any methods that you think are appropriate for this data. You should specify what meaningful questions can be addressed from this data. You may not need to include all variables in your analysis or restrict to any one single method. Within the time constraint, conduct analyses that demonstrate your understanding of statistical data analyses and follow the exam guidelines.

LIST OF VARIABLES:

Please note that there are 2 records for each patient.
Each record contains 21 fields. Record 1 contains 6 general variables
(Id - Shock type) and 14 initial measurements on 14 variables (Systolic pressure - Hematocrit). Record 2 contains the same 6 general variables and 14 final measurements on the 14 variables. Each record also has a record number indicator.

NOTE: Some values have implied decimals.
If you use the .csv data file, the order for the variables listed below is the same.

Variable	Description	Units	Comment
ID	ID	none	
AGE	Age	yr	
HT	Height	cm	
Sex		none	1=Male, 2=Female
SURVIVE	Survival	none	1=Survived, 3=Died
SHOCK_TYP	Shock type	none	2=Non-shock
			3=Hypovolemic shock
			4=Cardiogenic shock
			5=Bacterial shock
			6=Neurogenic shock
			7=Other
SBP	Systolic Pressure	mmHg	
MAP	Mean arterial pressure	mmHg	
HR	Heart rate	beats/min	
DBP	Diastolic pressure	mmHg	

MCVP	Mean central venous cm H2O pressure		
BSI	Body surface index	m2	
CI	Cardiac index	liters/min m2	
AT	Appearance time	sec	
MCT	Mean circulation time	sec	
UO	Urinary output	ml/hr	
PVI	Plasma volume index	ml/kg	
RCI	Red Cell Index	ml/kg	
HG	Hemoglobin	gm/100 ml	
HCT	Hematocrit	percent	
RECORD	Card sequence	none	1=Initial, 2=Final
