Data：bloodpress.txt

Some researchers observed the following data ([4]) on 20 individuals with high blood pressure:

blood pressure (y = BP, in mm Hg)

age (x1 = Age, in years)

weight (x2 = Weight, in kg)

body surface area (x3 = BSA, in sq m)

duration of hypertension (x4 = Dur, in years)

basal pulse (x5 = Pulse, in beats per minute)

stress index (x6 = Stress)

The researchers were interested in determining if a relationship exists between blood pressure and age, weight, body surface area,duration, pulse rate and/or stress level.

Data：peru.txt

this dataset consists of variables possibly relating to blood pressures of n = 39 Peruvians who have moved from rural high altitude areas to urban lower altitude areas (peru.txt [6]). The variables in this dataset (where we have omitted the calf skinfold variable from the first time we used this example) are:

Y = systolic blood pressure

X1 = age

X2 = years in urban area

X3 = X2 /X1 = fraction of life in urban area

X4 = weight (kg)

X5 = height (mm)

X6 = chin skinfold

X7 = forearm skinfold

X8 = resting pulse rate

Data: Physical.txt

this dataset consists of n = 55 college students with measurements for the following seven variables:

Y = height (in)

X1 = left forearm length (cm)

X2 = left foot length (cm)

X3 = left palm width

X4 = head circumference (cm)

X5 = nose length (cm)

X6 = gender, coded as 0 for male and 1 for female