Experimental Design and Data Analysis: Assignment 2

Andrew Bedard & Simone van Gompel(2567525)
Group 19

April 28, 2015

1 Exercise 1

1

Look at Fig:1 for the pairwise graph.... The variables that appear from inspection to correlate with migration are age and weight.

2

Using the Pearson (rank?) correlation test for all variables against migration we obtain the following results:

	age	migration	weight	length	wrist	systolic	diastolic
migration	0.47605753	1	0.35069559	0.08458432	0.21934983	-0.16842856	0.07514098

Age was the most obviously correlated variable between migration when the pairs scatter plots (Fig: 1), and age is the most correlated variable with migration. Weight is the second most correlated variable with migration, ...
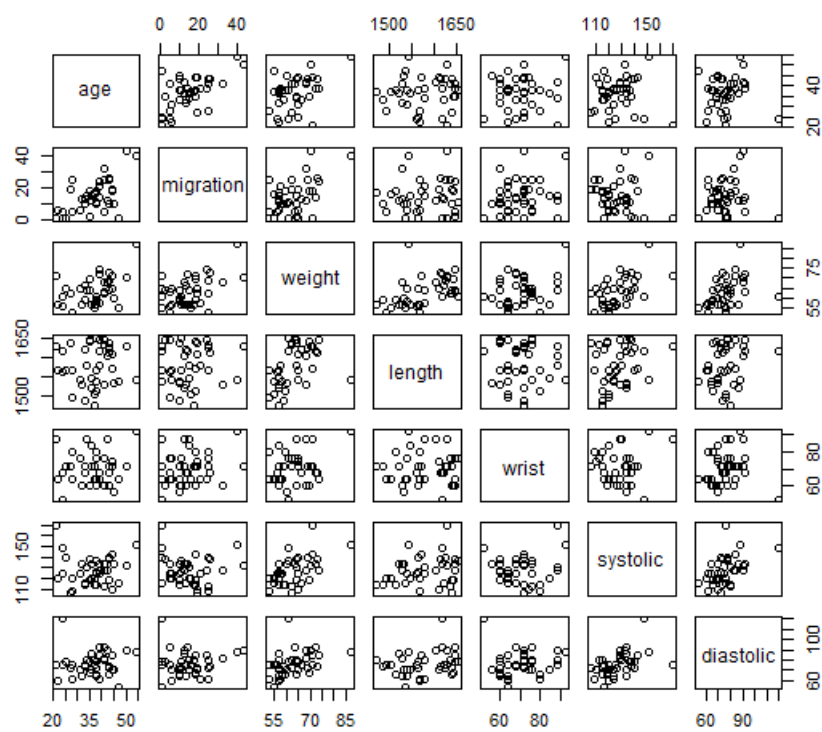
2 Exercise 2

1

Figure 1: Pairwise scatterplots of the dataset peruvians