Chapter 17 – Exercise 1

Find the equation for predicting verbal aptitude scores from quantitative aptitude scores (HWJ100.sav – VERBAL (criterion variable) and QUANT (predictor variable).

Step 1. Start
a. Open SPSS. Open data set hwj.sav.

Step 2. Run Linear Regression analysis

Procedures in this step are the same as in Chapter 6. This chapter focuses more on the hypothesis testing.

a. From the SPSS menu bar, click on Analyze – Regression – Linear. You will see the “Linear Regression” dialogue box as shown in Figure B9.
b. From the left box, first you click on the criterion variable verbal, and move it to the right into the box labeled “Dependent”
c. Then, click on the predictor variable quant, and move it to right into the box labeled “Independent(s)”
d. In this example, you do not change any default options. Click on OK. You will see the linear regression results in the output window.

![Figure B.9. SPSS Linear Regression Analysis](image)

Use the same procedures for Exercises 2 and 3:
