SPSS Procedures for Chapter Examples
Chapter 14: One-Way ANOVA

In this module, we will learn to run One-Way ANOVA with SPSS. We will use the data set we saved as hsb500R.

Step 1. Start
   a. Open SPSS.
   b. Open data set hsb500.

Step 2. Run One-Way ANOVA
   a. From the SPSS menu bar, click on Analyze – Compare Mean – One-Way ANOVA. You will see the “One-Way ANOVA” dialogue box as shown in Figure B6.
   b. Move the dependent variable matchach to the “Dependent List” box.
   c. We want to compare the math achievement test scores by students’ father’s education levels. So, move the variable faed into the “Factor” box.
   d. In this example, you do not need to change any default options. Click on OK. You will have the results for the One-Way ANOVA.

Figure B.6
SPSS One-Way ANOVA