

# Week 5 Homework

February 8, 2016

Create a source file that does the following:

1. Import the hire771.dta Stata dataset
2. Print the first 10 rows of the data frame
3. Create a new variable within the data frame that is a factor variable of sex. Value labels of the factor should be “male” and “female.” Check that the new variable was created correctly by comparing the original sex variable with the new one using the `table()` command.
4. Rename the original sex variable to “male.”
5. Create a new variable in the data frame that is a factor variable of ethnic. The value labels should match those in the codebook. Check that the new variable is correct with `table()`.
6. Create a dummy variable for “African-American” in the data frame
7. Create a categorical variable from salary where salaries below 100 are labeled “Low,” salaries between 100 and 200 are labeled “Medium,” and salaries above 200 are labeled “High.”
8. Save the modified data frame in a new R data file.