CHAPTER 6

For this chapter, use the Salaries.csv file, opening the file in Jamovi.

**Correlations**

Find the correlations for all of the numeric variables with each other. Interpret the results. Which are strongly correlated and which are not? Are the correlations significant?

**Simple Linear Regression**

Fit a linear model that predicts a professor’s salary given his or her years in service.

**Multiple Regression**

Fit a multiple linear regression model that predicts a professor’s salary using his or her years since graduating PhD, years in service, and sex. Analyze if the assumptions were satisfied and make the necessary corrections if not.