

SPSS Homework Assignment 5

Create **two** different datasets with at least 10 subjects in each dataset. Both the predictor and criterion variables must consist of interval/ratio data. Complete all of the following calculations by hand and in SPSS, showing **all** of your work.

1. Calculate and report the regression equation.
2. Calculate and interpret the standard error of estimate.
3. Calculate and interpret the coefficient of determination.
4. Report and interpret the regression coefficient.
5. Test the significance of the regression coefficient. Report your findings in a summary paragraph using APA format.
6. Test the significance of the coefficient of determination. Report your findings in a summary paragraph using APA format.