

Class Activity 2

Simple Regression Analysis

1. Click “**Special Import**” → “**Browse**”, click *ncaafbstotal.omv* file
or “**Open**”, click *ncaafbstotal.omv* file if the file is already in *Jamovi*
2. Perform a regression analysis with **a dependent variable** and **an independent variable**
3. Find the following information based on the “**model fit measures**” results of the regression analysis above.
 - R^2
 - Adjusted R^2
 - P-value
4. Find the following information based on the “**model coefficients**” results of the regression analysis above.
 - Coefficient estimate and P-value of “Intercept”
 - Coefficient estimate and P-value of an independent variable
5. Find the following information by conducting the assumptions test.
 - Autocorrelation
 - Normality test
 - Collinearity statistics

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After completing the analysis:

1. Save the results of the analysis with a **PDF file**

How to save?

In *Jamovi*,

- 1) In the result pane, right click on the mouse
 - 2) Select “**All**” → “**Export**”
 - 3) Create a file name → Click “**Export**”
 2. Submit the PDF file by using the ‘**Submit Assignment**’ button in the module in Canvas.
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