

Tutorial 3: Producing R Scripts & Adding Modules

Description

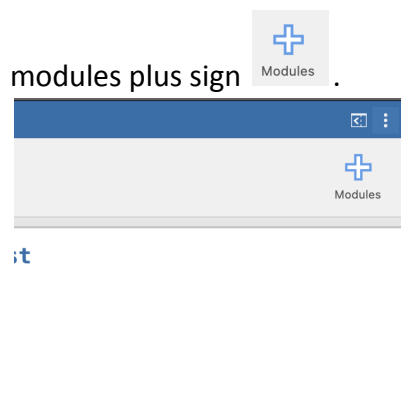
In this tutorial we will go over how to produce R scripts and how to add modules that would add to the existing statistical functions in Jamovi. R scripts can be used as scripts to be used in a R console or to register analyses on an open science platform. While adding modules will allow a researcher to conduct more advanced statistical analyses or creating more advanced graphical displays. For example, in order to carry out a mediation/moderation analyses or a structural equation model analyses you will need to add the modules to allow to carry out those statistical functions.

Outline:

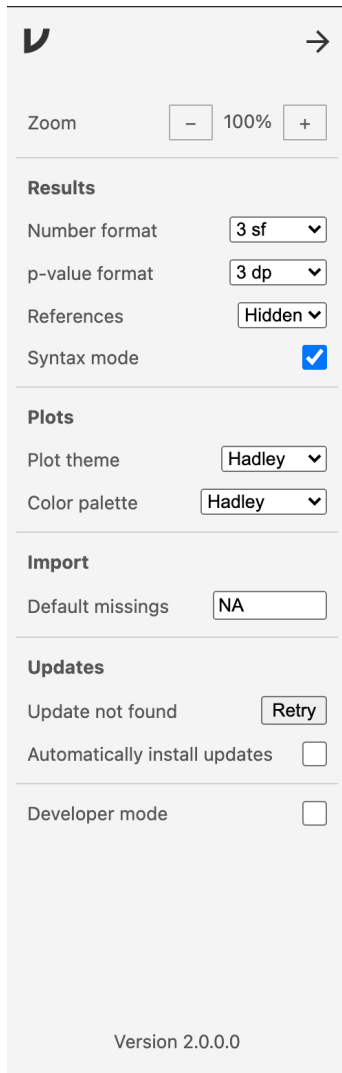
- 1) Producing R Scripts
- 2) Adding Modules

Producing R Scripts

1. Carry out the statistical analysis that you are interested in carrying out and then go to the three vertical dots in the top right corner of the Jamovi window, above the large



2. Select the three dots and a tab will open up with the following options



3. Select 'Syntax mode'. Once this is done the R syntax appears above the output tables that Jamovi has produced. For example this is the syntax for an independent samples t test, with a test of homogeneity of variance, effect size, and descriptive statistics. The dependent variable was k_reprimand, and the independent variable was Eng.

Independent Samples T-Test

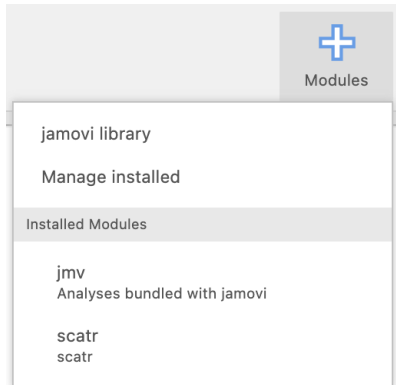
```
jmv::ttestIS(
  formula = k_reprimand ~ Eng,
  data = data,
  vars = k_reprimand,
  eqv = TRUE,
  meanDiff = TRUE,
  desc = TRUE)
```

Adding a Module

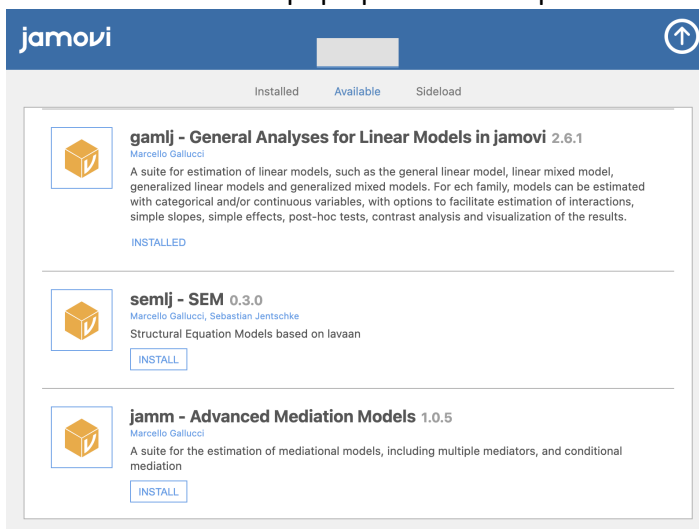
1. To add a module click on the modules button in the top right corner of the



2. Select 'jamovi library'.



3. A window will pop up with all the possible modules one can install.



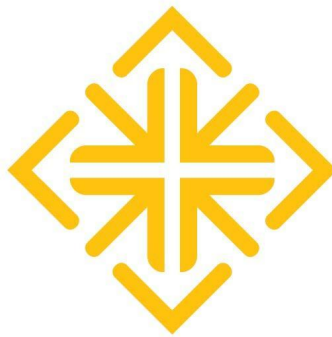
4. Find the module you want to install and click on the 'Install' button for that module and it will be installed. If the module has already been installed you will not be able to click on an 'Install' button, instead the module would indicate that it has been 'Installed'.

-----END TUTORIAL-----

This Jamovi tutorial is a companion to a video tutorial and these materials were developed by:

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