User Guide for HDSR Data Visualization Template

1. On the Shiny App, upload the CSV file by clicking "Browse…" and finding the file. For my example, I will be using the NHANES.csv file. (That's the Nutrition Examination Survey data from R.)
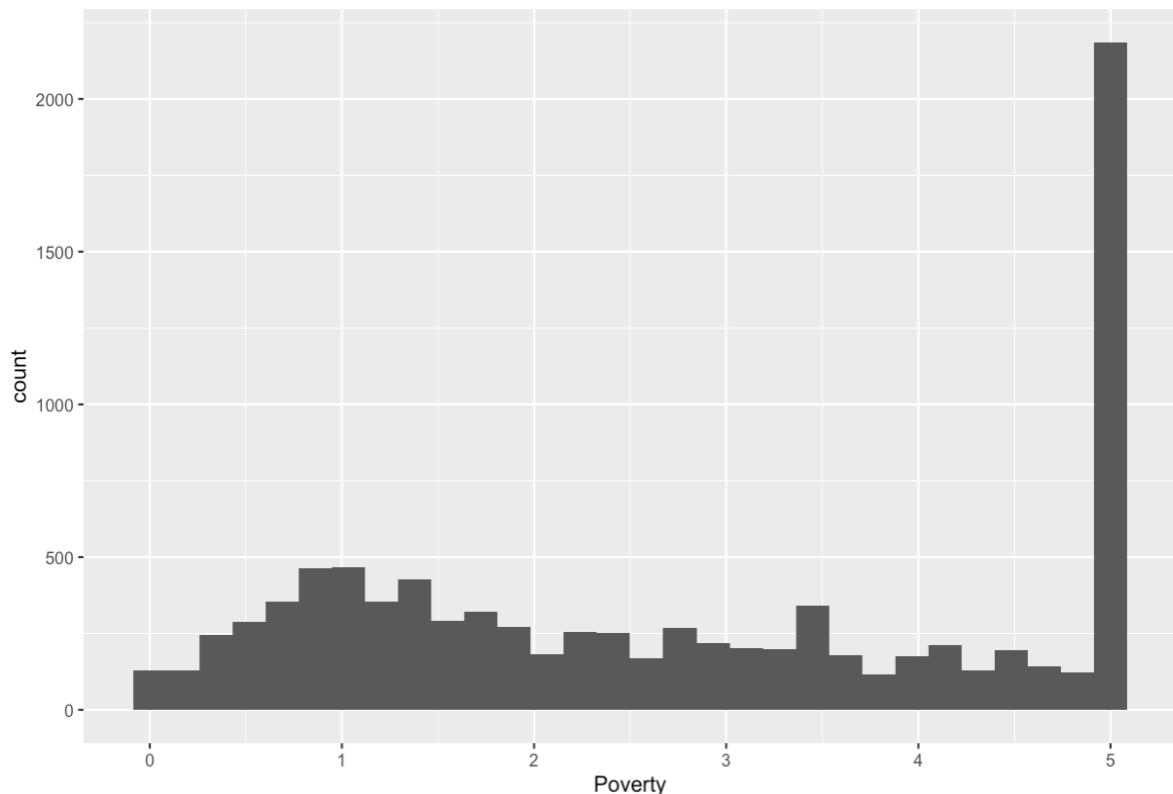


2. Under "Select variable for histogram", select the variable you want to plot the histogram with. This variable must be continuous, not discrete. You can choose "Age", or "Poverty", for example.



Here's the histogram of the "Poverty" variable.

3. Under "Select x variable", you can select the variable you want to put on the x axis on the plot that will show up on "other plots". You can select "Height", for example.
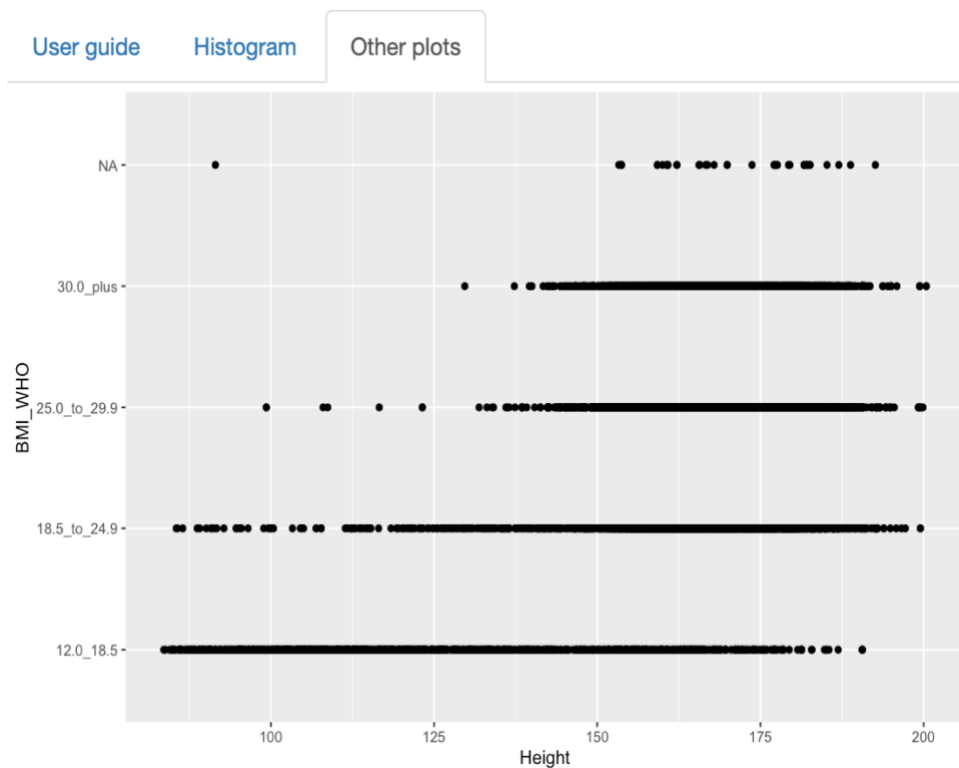
**Select x variable**

Height

4. Under "Select y variable", you can select the variable you want to put on the y axis on the plot that will show up on "other plots". You can select "BMI_WHO", for example.
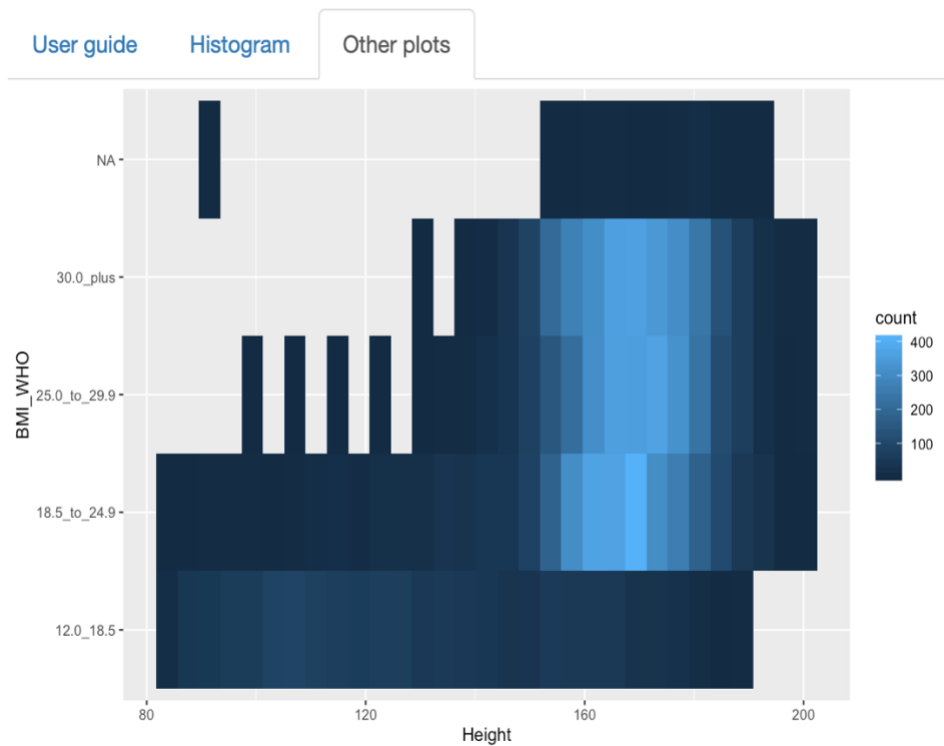
**Select y variable**

BMI_WHO

5. You can choose different options under "geom", "stat" and "position" to create different types of plots under the "Other plots" tab on the right. For example, with "geom" = "point", "stat" = "identity", "position" = "dodge", you will get the graph below.

With "geom" = "tile", "stat" = "bin2d", "position" = "identity", you will get the graph below.



With "geom" = "point", "stat" = "sum", and "position" = "dodge", you will get the graph below.