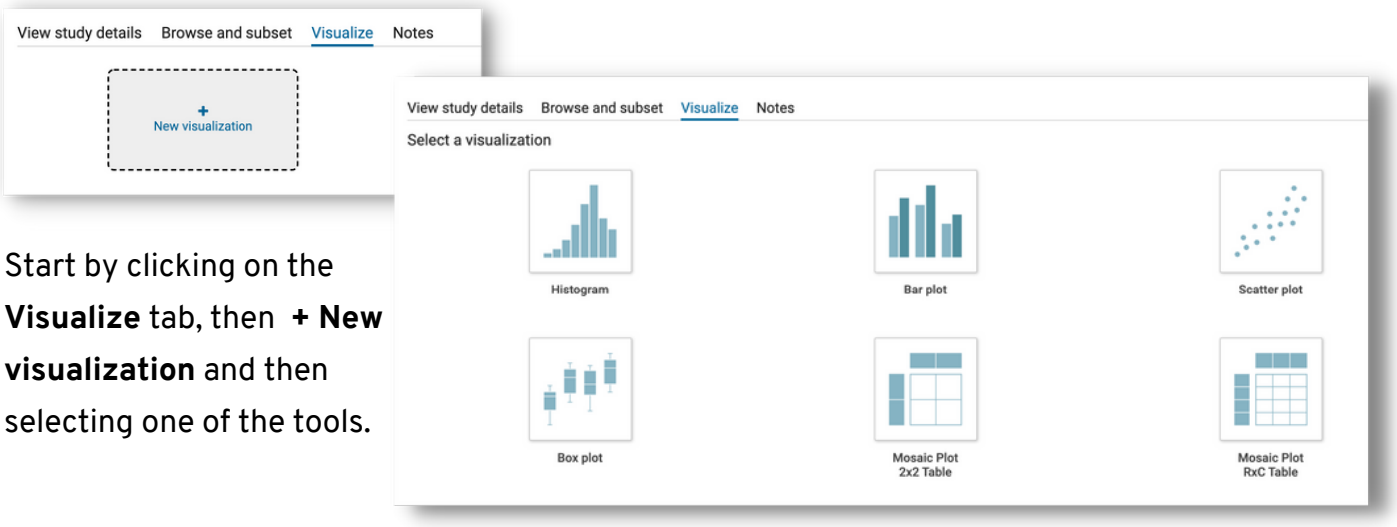
The VISUALIZE tab on the ClinEpiDB platform

While the **Browse and subset** tab within an analysis allows univariate analysis, you can do further exploratory data analysis using the tools in the **Visualize** tab to graph associations between two or more variables.

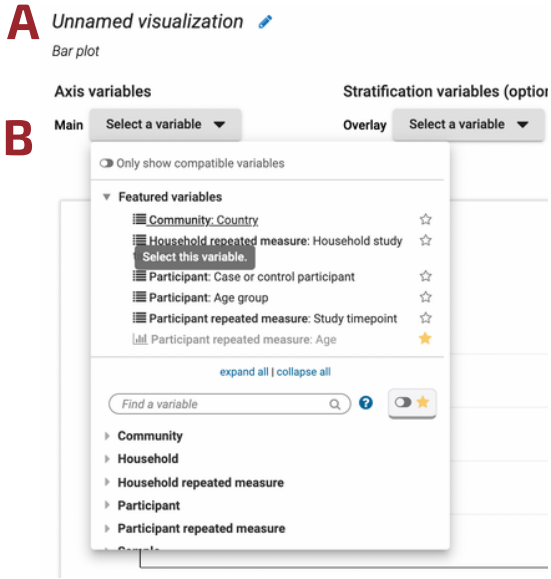


Start by clicking on the **Visualize** tab, then **+ New visualization** and then selecting one of the tools.

While the different visualization tools will create different plots and/or tables, they generally have similar interfaces. Here are some features to note, using the **Bar plot** as an example:

A. You can give the visualization a name.

B. Variables to be plotted can be selected using the drop-down menu. Variables that are available for plotting are shown in black whereas incompatible variables (e.g., numeric variables for a bar plot) are greyed out. A toggle is available to restrict the drop-down menu to variables that are available for plotting.



C. An **Overlay** variable can be selected. In this case, **Age group** is the main variable (X-axis) and **Sex** is the overlay variable, splitting each X-axis bar into two bars based on values of Sex.

D. In the **Legend**, you can remove and add values to customize the appearance of the graph.

E. The Y-axis can be changed from a count to a proportion, and from linear to log scale.

F. The **Missing data graph and table** indicate the proportion of missing data from chosen variables and the proportion of total data that is graphed.

G. The icons in the top right can be used to **discard**, **duplicate**, or **minimize** the plot.

Optionally, the plot can also be faceted (red circle) by choosing a third variable. In this example, if we facet by *Country* (a variable with 7 levels), it results in 7 different graphs, one for each country.

Please contact **help@clinepidb.org** with feedback or questions!