

Assessment criteria for course assignments

Homework 1 and 2

- Choice of geom - Geom(s) map(s) the data onto an appropriate scale (discrete vs. continuous);
- Graphical composition - Main section of the graph is informative in regard to contrasts of interest (i.e. [lack of] differences between groups of interest are easily inferrable from the plotted elements alone). Composition is affected first and foremost by: choice of geom, spatial orientation of the plotted elements, usage of facets, usage of color, axes ranges;
- Usage of facets and spatial orientation of the plotted elements - Variables are mapped onto intuitive plot coordinates. Facets contribute to the visualization of the data/ composition of the graph and are not used redundantly;
- Axes - Ranges and axes labels are correct and informative;
- Usage of color - Color contrasts and transparency are informative and useful;
- Legend - Labels and title are informative. Dimensions (variables) displayed in the legend are informative and useful;
- Support text - Text is informative and useful (i.e. not redundant) given plotted visual elements.

Homework 2

- Textual description of the data/ graph is detailed and clear;
- Summary/ textual description of the data and visualization relate to one another.