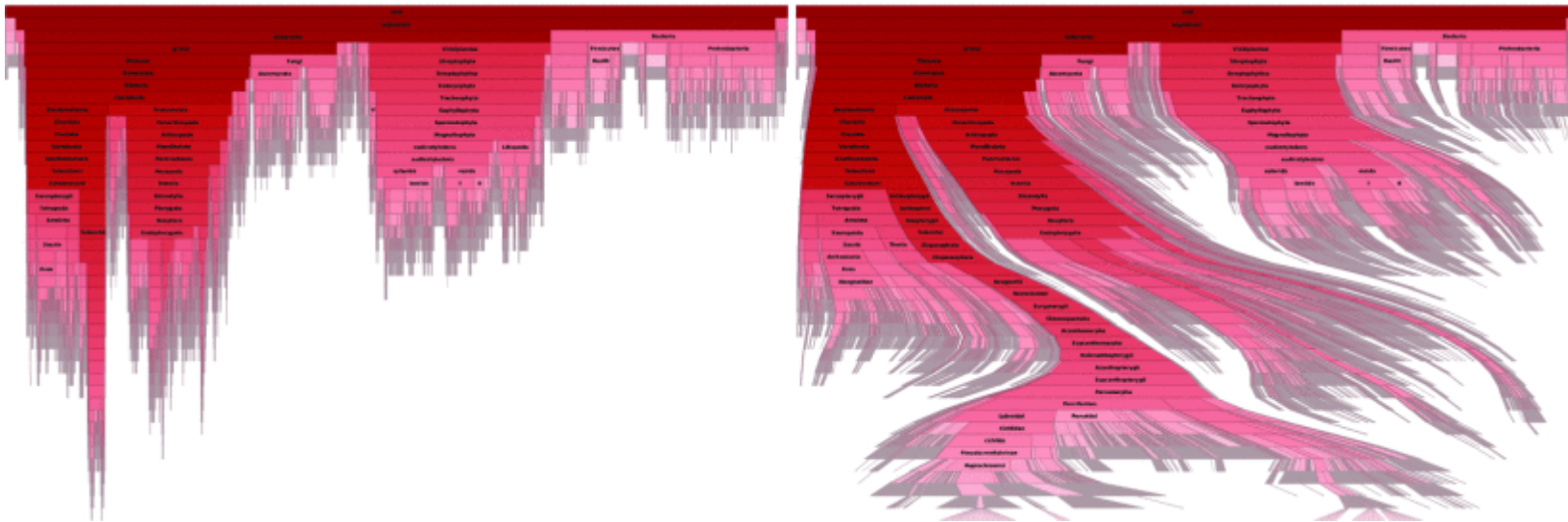
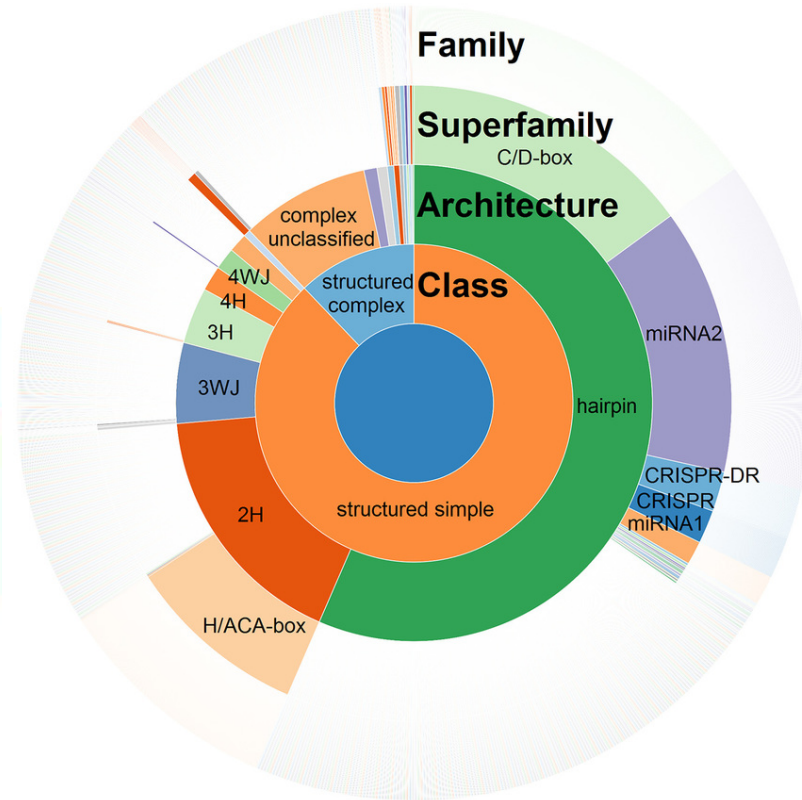
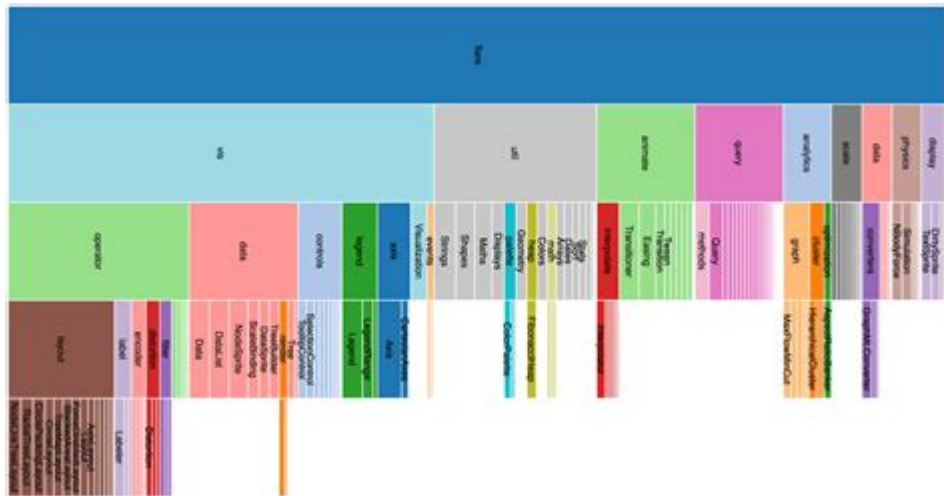


2IMV10 Assignment: Circular Space Reclaiming Icicle Plots

Space-reclaiming icicle plots are hierarchy visualizations based on the visual metaphor of icicles. This approach tries to reclaim empty space in all hierarchy levels, resulting in an improved visibility of the hierarchy elements especially those in deeper levels, as can be seen by comparing the two figures below. Several visual parameters can be tweaked to change the visual appearance and readability of the plots.



Another variation of the icicle plot (figure below, left) is the so-called sunburst icicle plot (figure below, right), where the the lower levels of the hierarchy are mapped on increasingly larger circles.



Assignment:

1. Make a circular version of the space-reclaiming icicle plots.
2. Make the transition between these two plots smooth, i.e. allow for an animation to morph one plot in the other.
 - a. Animation does not necessarily have to be interactive;
 - b. Choose smart parameters that can be "animated".
3. Improve on the readability and usability of the original space-reclaiming icicle plot.

Literature: Space-Reclaiming Icicle Plots: <https://doi.org/10.1109/pacificvis48177.2020.4908>