**Problems:** Existing tools visualizing mentorship mainly suffer from a waste of space, lack of overview representation, and less displayed attribute information.

**Design:** We propose a novel elastic tree layout based on node-link diagrams. By animately stretching, compressing, aggregating, and expanding nodes and edges, we can: get a high space-efficiency tree layout, explore tree layouts in a focus + context way, display multiple attributes via labeling, charts, and node opacity.

**1 Overview**

In the overview layout, mentees with the same mentor and relevant links are aggregated together; a fixed gap is set between adjacent families; leaf nodes are compressed to the narrowest.

Besides, in this figure, the node opacity is being mapped by the citation number of the scholar, and a subtree generated by the licked focus (red border) is highlighted.

**2 Focus + Context**

Clicking on the focus again, the subtree will be separated in the form of Focus + Context through: recalculating the position of each layer using Fisheye; compressing and translating nodes to leave room for the subtree and make the subtree layout as standard as possible.

**3 The Detailed Subtree**

The subtree can show more information, this figure shows the distribution of the H-index of mentees using area charts.

Citation using scatterplots

Publication using bar charts