

Mosaics, Mosaics and Mosaics

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Mosaicplots have been around now for quite some time, however, they're not very well understood. This may both be due to their high dimensionality as well as their hierarchical construction, which makes it hard to figure out what exactly can be seen in a picture as well as to decide, which plot to draw given a specific problem. In the talk I will discuss these problems - by giving yet another approach to mosaicplots, based on the underlying geometrical model. We will have a closer look at the popular statement that mosaicplots are the "graphical equivalent of contingency tables" - this gives a nice wrap-up of mosaicplots in default construction mode as well as for some of their variations, such as fluctuation mode or same-bin-size display.