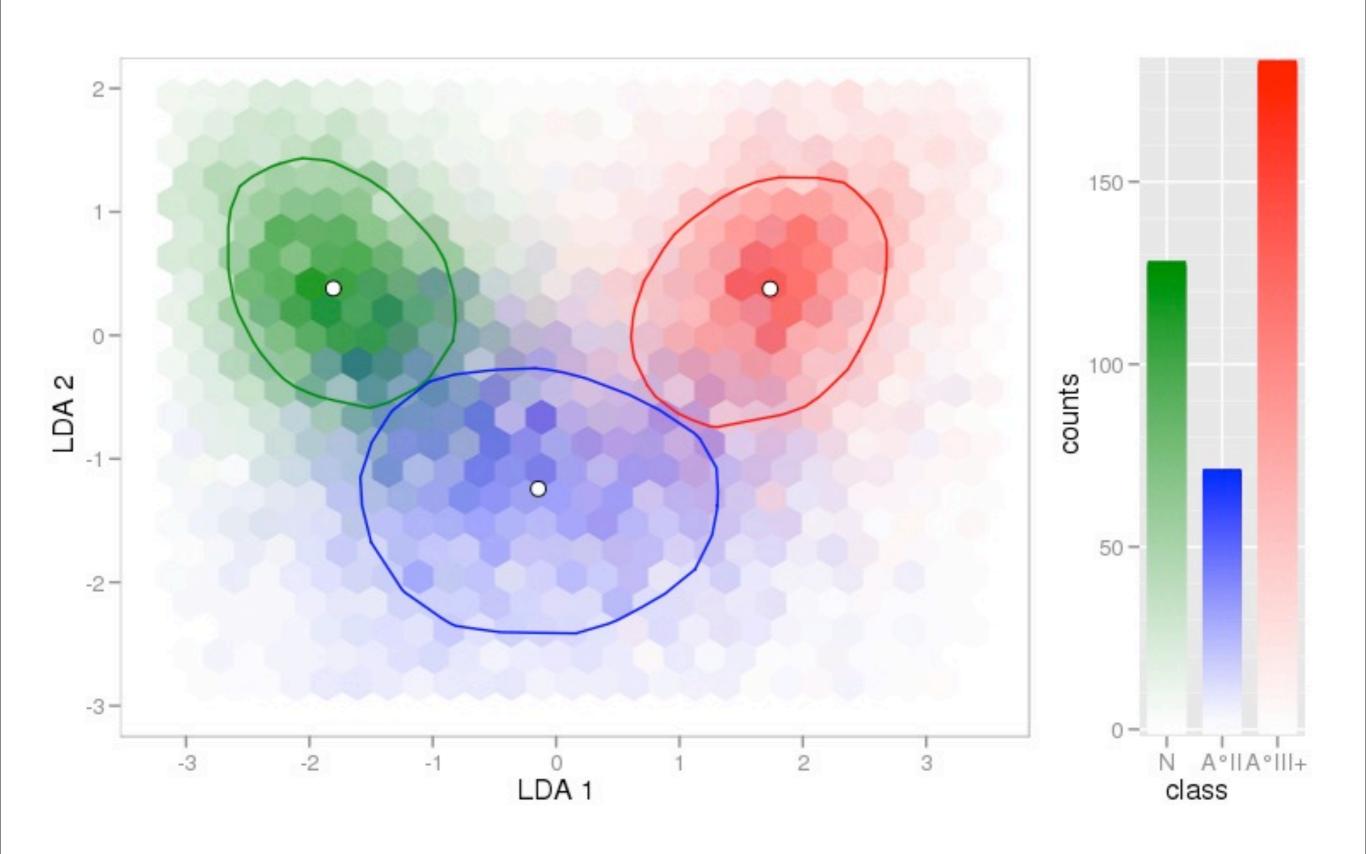


David B Sparks, http://bit.ly/hn54NW



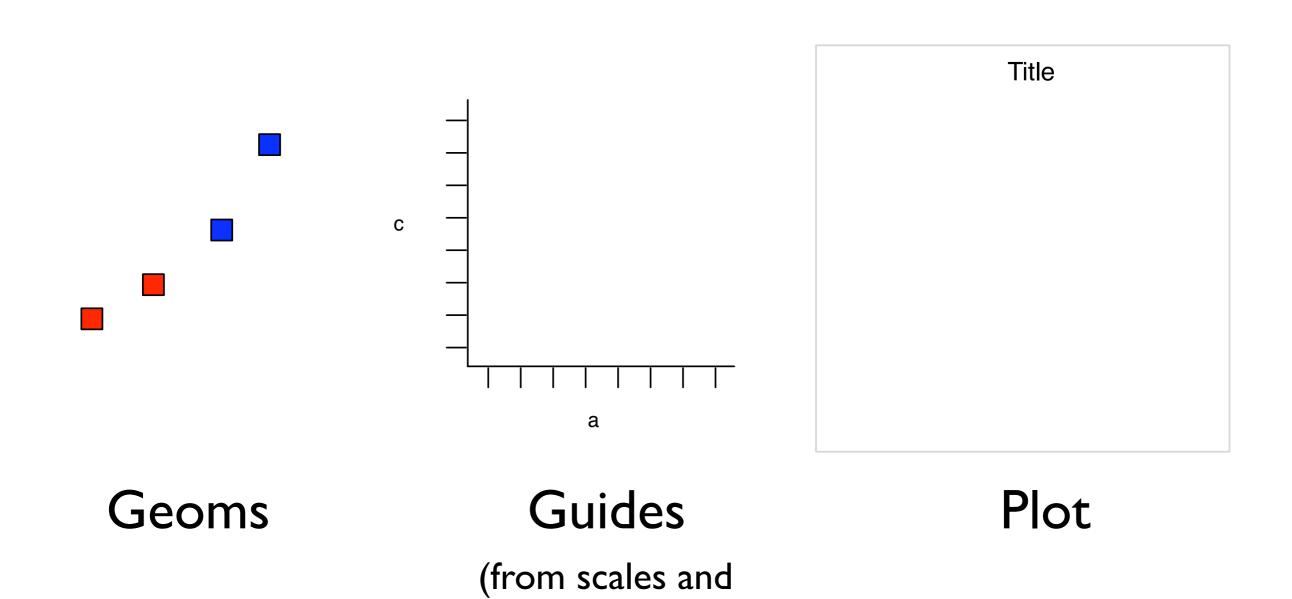
Claudia Beleites, http://bit.ly/yNqlpz

A plot is made up of multiple layers.

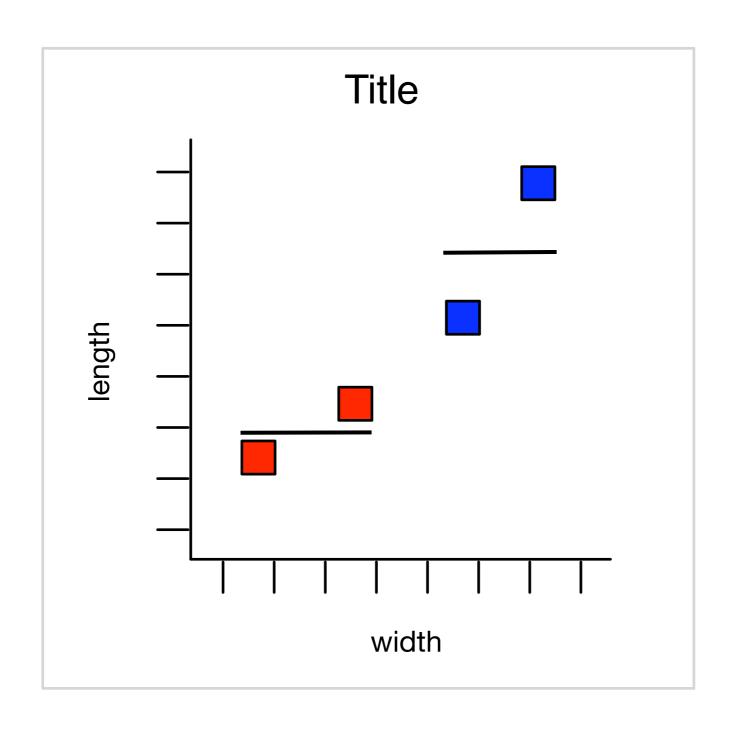
A layer consists of data, a set of mappings between variables and aesthetics, a geometric object and a statistical transformation

Scales control the details of the mapping.

All components are independent and reusable.



coordinate systems)



Multiple layers, statistical transformation

Plot definition

```
ggplot(data, mapping) +
layer(
    stat = "",
    geom = "",
    position = "",
    geom_parms = list(),
    stat_params = list(),
```