Graphics
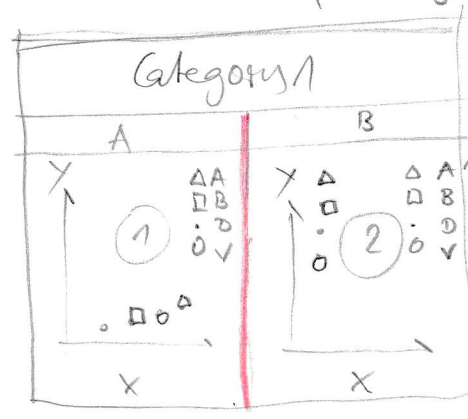
- layered grammar of graphics
- a set of rules govern composition of a graphic
- with an impl. in R ggplot
- gold standard, Python plotnine p9

category 2

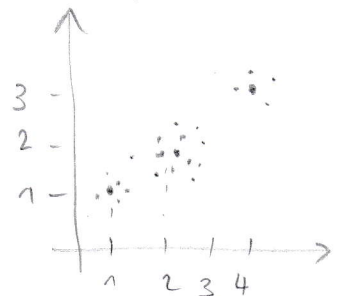Category 1 ↓ | X | Y

facet ①
| A | X |
| A | A |

subgroup partitioning

facet ②
B	B
B	D
B	V

} observations:
  <geom_object>
      z. B. Point
      → scatter plot

aesthetic: position, shape, color, size, transparency of point

aesthetic aat. 2

add jitter = random noise

Category 1

A   B

scatter : geom

+ layers for titles,
           lines,
           annotations

+ Layers for overall themes
  - economist
  - b/w paper quality
  - comic styles
  - classic/Springer books
  - etc.