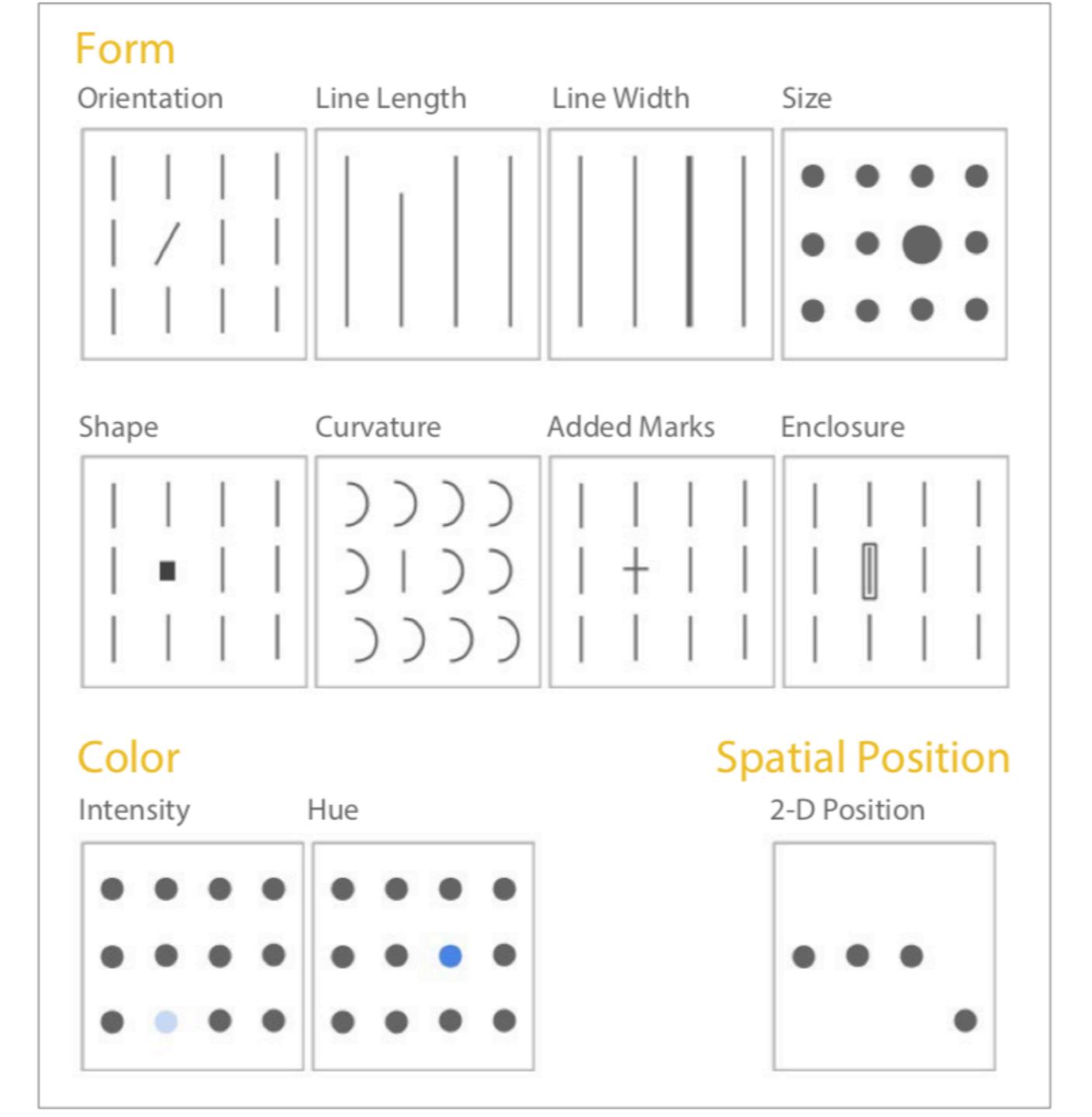
KEATON WILSON

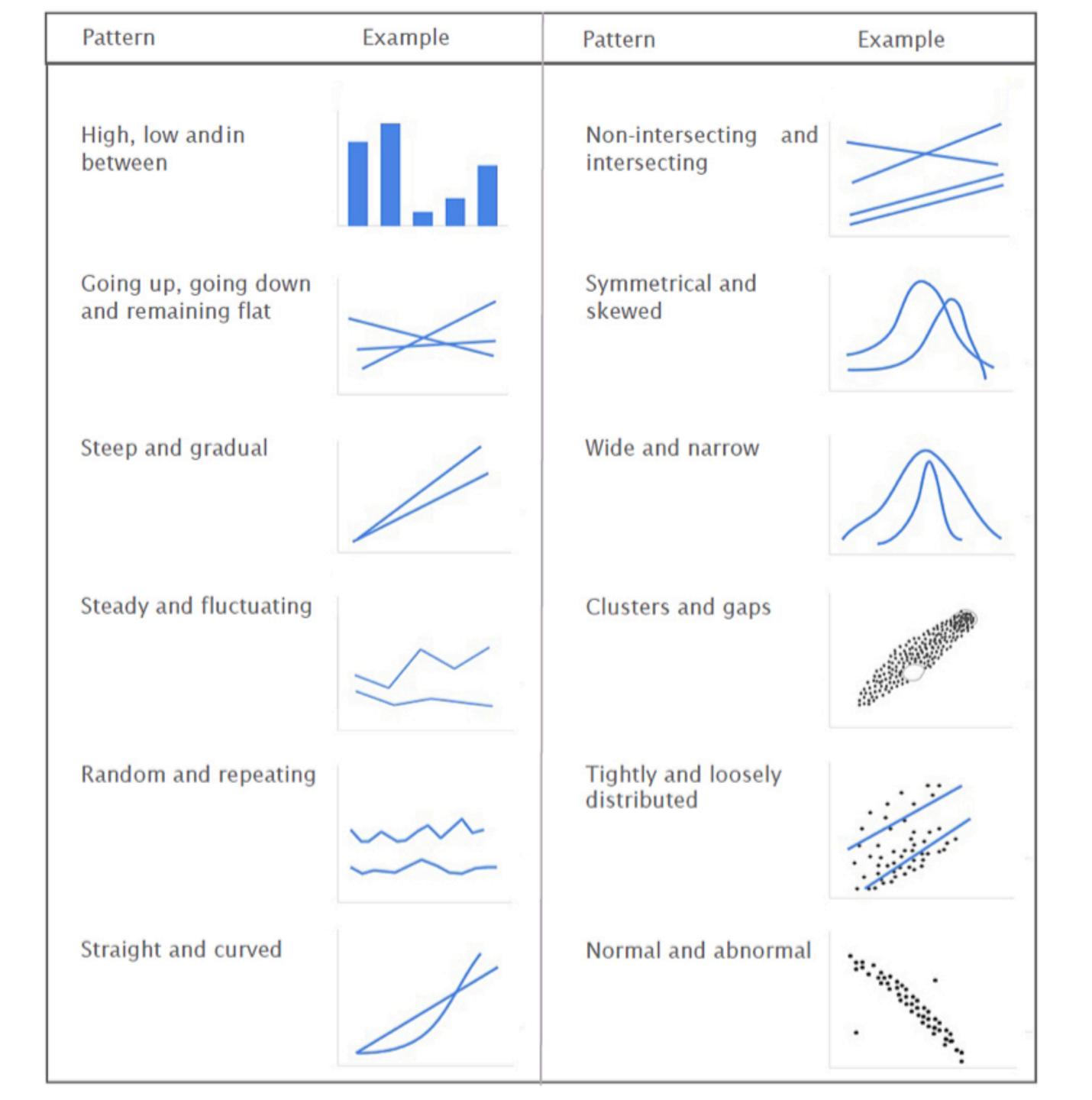
SOME DATA VIZ STRUCTURE TO THINK ABOUT

MEMORY AND VISION WORKING TOGETHER

Preattentive attributes: Immediately eye-catching Less than 10 milliseconds



Analytical patterns are built from preattentive attributes



Edward Tufte - The Visual Display of Quantitative Information

Data ink ratio = data ink/total ink used in the graphic

MAXIMIZE THIS RATIO!

DITCH CHARTJUNK

- Vibrating chart junk i.e. crosshatching or patterns that distract
- Grids
- Color schemes or patterns that are introduced for artistic appeal rather than information content
- Move toward horizontal graphics about 50 percent wider than tall (3:2)

Figure critique:

- 1) each group will be passed a sample figure
- 2) as a group, attempt to interpret the figure
- 3) generate a list of problems
- 4) as a group, design a 'better' figure
- 5) be ready to report out