

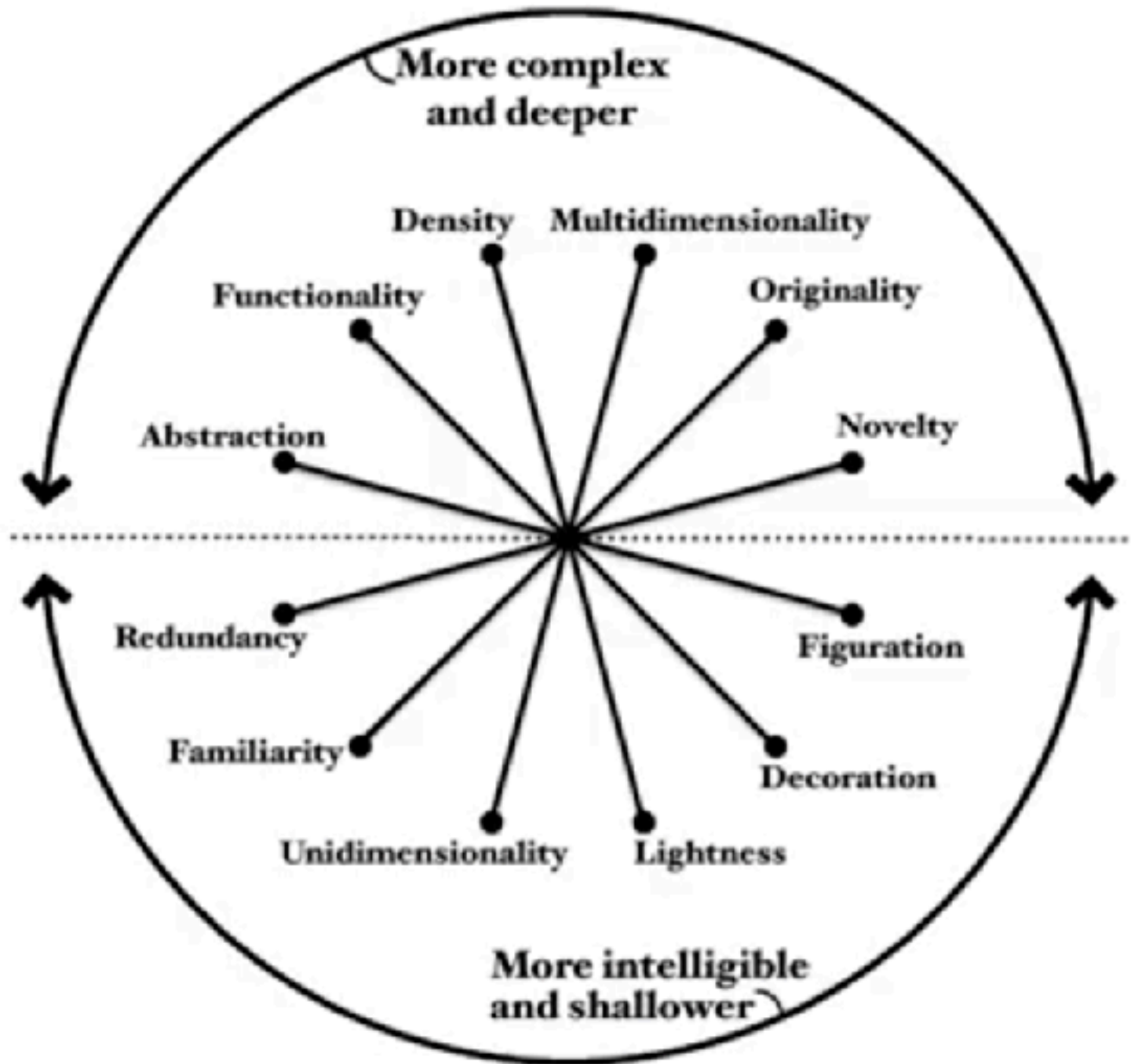


Fall 2018:
Introduction to
Data Science

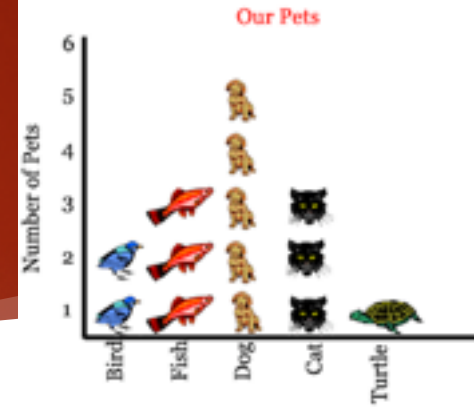
GIRI NARASIMHAN, SCIS, FIU

Alberto Cairo

Visualization Wheel



Data Viz.: Cairo's Viz. Wheel



- ▶ Abstraction (boxes/charts)
- ▶ Functionality (no embellishment)
- ▶ Density (in-depth study)
- ▶ Multi-dimensional
- ▶ Originality (novel, but unfamiliar)
- ▶ Novelty (no redundancy)
- ▶ Figuration (real objects)
- ▶ Decoration (artistic embell.)
- ▶ Lightness (glancing study)
- ▶ Unidimensional
- ▶ Familiarity
- ▶ Redundancy

Good qualities of Data Viz., by Cairo

- ▶ Truthful, no deception
- ▶ Functional
- ▶ Beauty
- ▶ Insightful
- ▶ Enlightening