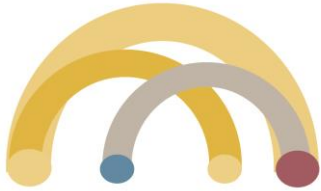
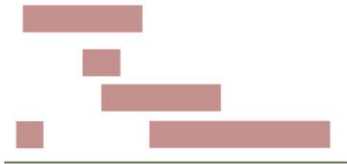


LAYOUT CARD: Arc Connection

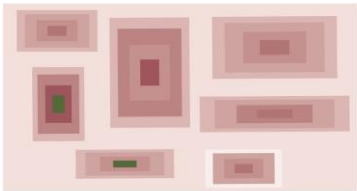


LAYOUT CARD: FILL YOUR OWN

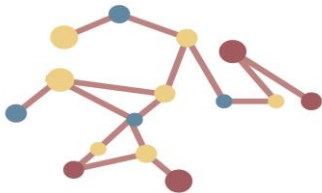
LAYOUT CARD: Gatt Chart



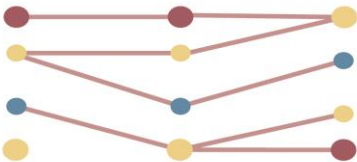
LAYOUT CARD: Heat Map



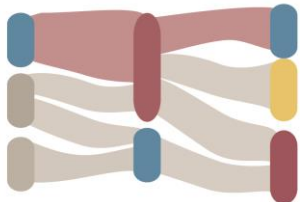
LAYOUT CARD: Network



LAYOUT CARD: Parallel Coordinates



LAYOUT CARD: Sankey



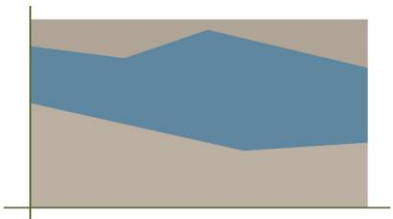
LAYOUT CARD: Scatter Plot



LAYOUT CARD: Spiral Graph

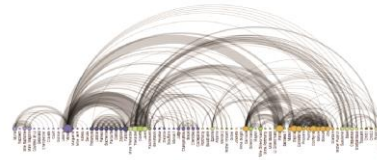


LAYOUT CARD: Stacked Area



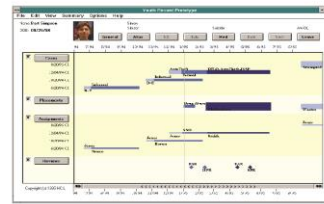
LAYOUT CARD: Example of :

LAYOUT CARD: Example of Arc Connection



LAYOUT CARD: Example of Heat Map

LAYOUT CARD: Example of Gatt Chart

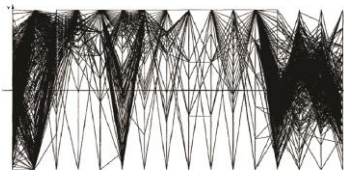


<http://hint.fm/wind/>

LifeLines, Plaisant et al

LAYOUT CARD: Example of Parallel Coordinates

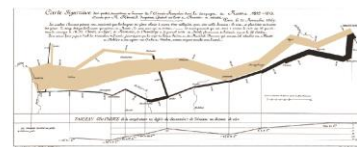
LAYOUT CARD: Example of Network



Jeffrey Heer, Michael Bostock, and Vadim Ogievetsky

LAYOUT CARD: Example of :

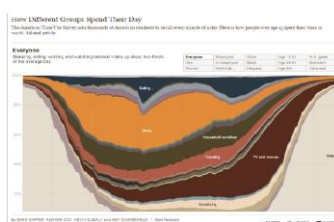
LAYOUT CARD: Example of Sankey



Minard

LAYOUT CARD: Example of Stacked Area

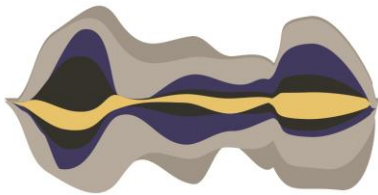
LAYOUT CARD: Example of Spiral Graph



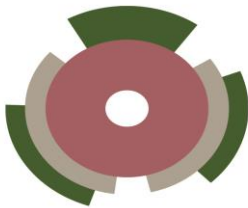
<https://goo.gl/c7fc7R>

Carlis et al., 1998

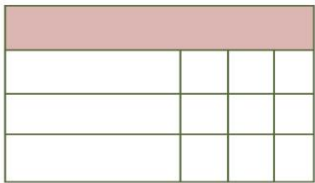
LAYOUT CARD: Steam Graph



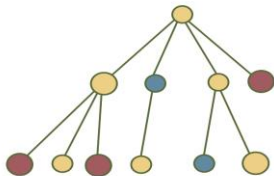
LAYOUT CARD: Sunburst



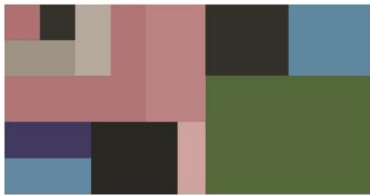
LAYOUT CARD: Calendar



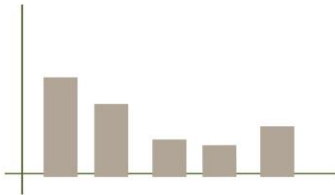
LAYOUT CARD: Tree



LAYOUT CARD: Tree Map



LAYOUT CARD: Bar Chart



LAYOUT CARD: Example of :

LAYOUT CARD: Example of :

LAYOUT CARD: Example of :

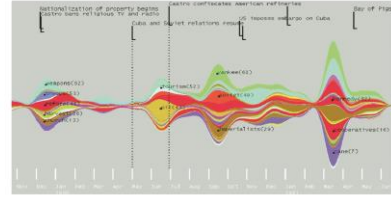
LAYOUT CARD: Example of :

LAYOUT CARD: Example of Sunburst



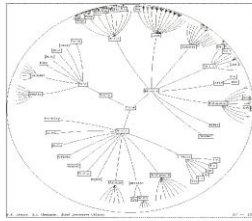
Prefuse sunburst

LAYOUT CARD: Example of Steam Graph



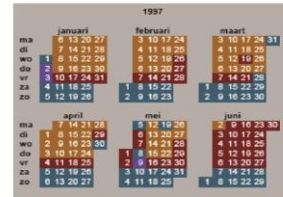
Theme River. Havre et al., 2000

LAYOUT CARD: Example of Tree



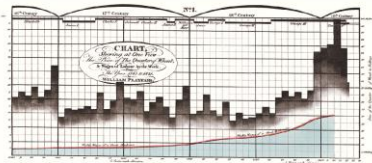
Lamping et al. 1995

LAYOUT CARD: Example of Calendar



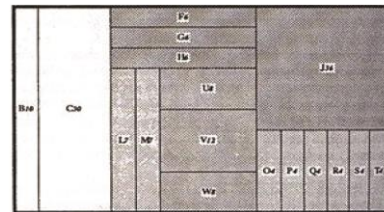
Calendar View. van Wijk et al., 1999

LAYOUT CARD: Example of Bar Chart



Early 1800s Playfair

LAYOUT CARD: Example of Tree Map



Johnson + Shneiderman, 1991

LAYOUT CARD: Example of :

LAYOUT CARD: Example of :

LAYOUT CARD: Example of :

LAYOUT CARD: Example of :

THEORY CARD

Encoding Rank for Quantitative Data

Easy

- Position
- Length
- Angle
- Slope
- Area
- Volume
- Density
- Color Saturation
- Color Hue
- Texture
- Connection
- Containment

Hard

- Shape

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- Volume

Hard

- Shape

THEORY CARD

Encoding Rank for Nominal Data

Easy

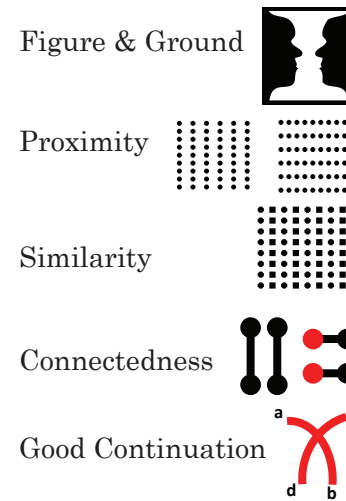
- Position
- Color Hue
- Texture
- Connection
- Containment
- Density
- Color Saturation
- Shape
- Length
- Angle
- Slope
- Area
- Volume

Hard

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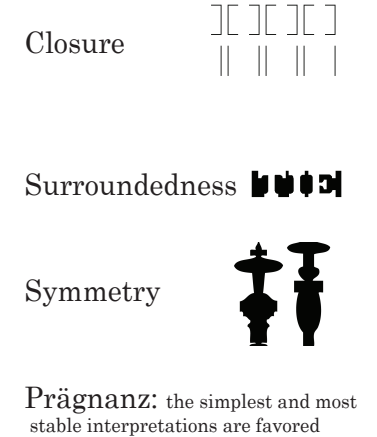
THEORY CARD

Gestalt Principles I



THEORY CARD

Gestalt Principles II



THEORY CARD

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THEORY CARD

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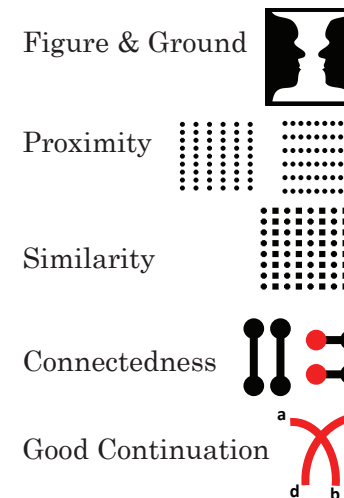
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THEORY CARD

Gestalt Principles I



THEORY CARD

Gestalt Principles II

