* **Arc diagram**

*Frequency distribution, correlation*

Position common scale

* **Area graph**

*Time series*

Area, position common scale

* **Bar chart**

*Nominal comparisons, ranking*

Length, position common scale

* **Box and whisker plot**

*Deviation, nominal comparison*

Length(??)

* **Bubble chart**

*Time series, nominal comparisions, distribution*

Area, color saturation

* **Bubble map**

*Geographic*

Area

* **Bullet graph**

*Nominal comparisions*

*Length,* colour saturation

* **Calendar**

*Time series,*

Position common scale(??)

* **Candlestick chart**

*Time series*

Length, colour saturation

* **Chord diagram**

*Nominal comparisions, correlations*

Colour saturation, curvature

* **Choropleth map**

*Geographical*

Shading, colour saturation

* **Circle packing**

*ranking*

Area, colour saturation

* **Connection map**

*Distribution, geographical*

Curvature

* **Density plot**

*Distribution*

Area

* **Donut chart**

*Part to whole, nominal comparisions*

Colour saturation, length(I think area also can be used)

* **Dot map**

*Distribution, geographical*

Position,

* **Dot matrix chart**

*Nominal comparisions, distribution*

Colour saturation

* **Error bars**

*Deviation*

Length

* **Flow map**

*Geographical, distribution*

*Direction*

* **Gantt chart**

*Time series*

Length, colour saturation, shading

* **Heatmap**

*Correlation, nominal comparison, time series*

Color saturation,

* **Histogram**
* *Time series, distribution, nominal comparisons, deviation*

Length

* **Line graph**

*Time series, nominal comparisons*

Direction, position(common scale)

* **Marimekko chart**

*Nominal comparisons, correlations, part to whole*

Color saturation, area

* **Multi set bar chart**

*Numerical comparisons, correlation, distribution*

color saturation, length, shading

* **Nightingale Rose Chart**

*Part to whole, time series, nominal comparisons*

area, curvature, color saturation

* **Open high low close chart**

*Time series*

Colour, length, position- common scale

* **Parallel coordinates plot**

*Nominal comparisons*

*Color saturation*

* **Parallel sets**

*Nominal comparisons, distribution*

Color saturation

* **Pictogram chart**

*Nominal comparisons, distribution*

None of mentioned visual cues.

* **Pie chart**

*Part to whole, nominal comparisons*

*Colour saturation, area*

* **Population diagram**

*Distribution, nominal comparisons,*

Length, color

* **Proportional area chart**

*Nominal comparisons,*

Color, area

* **Radar chart**

*Nominal comparisons, deviation*

None of mentioned cues

* **Radial part chart**

*Nominal comparisons,*

Angle

* **Radial column chart**