Overview of statistical plots

Type of dependent variable	Type of independent variable				Normal/interval (ordinal)	More than 1	None
	Ordinal/categorical						
	Two groups		More groups				
	Paired	Unpaired	Paired	Unpaired			
2 categories		Barplot side by side, mosaicplot		Barplot side by side, mosaicplot	Boxplots, EDF, Histogram, with different colors or side by side		Barplot (rel./abs. frequency), pie
Nominal		Barplot side by side, mosaicplot		Barplot side by side, mosaicplot	Boxplots, EDF, Histogram, with different colors or side by side		Barplot (rel./abs. frequency), pie
Ordinal		Barplot side by side, mosaicplot		Barplot side by side, mosaicplot	Boxplots, EDF, Histogram, with different colors or side by side		Barplot (rel./abs. frequency), pie
Interval		Boxplot, EDF, Histogram, with different colors		Boxplot, EDF, Histogram, with different colors	Scatterplot with curve (e.g. lowess, splines)		Boxplot, EDF, Histogram
Normal		Boxplot, EDF, Histogram, with different colors		Boxplot, EDF, Histogram, with different colors	Scatterplot, with regression line		Boxplot, EDF, Histogram, QQPlot
Censored Interval		Kaplan meier curves		Kaplan meier curves			Kaplan meier curves
None	Clustering (self organizing maps), PCA (with clusters)						