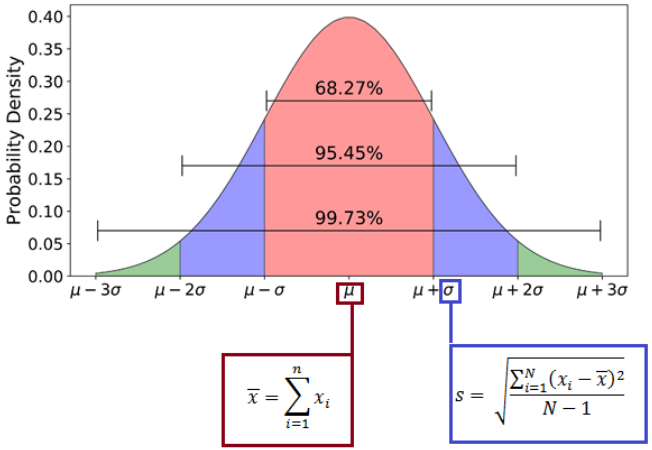
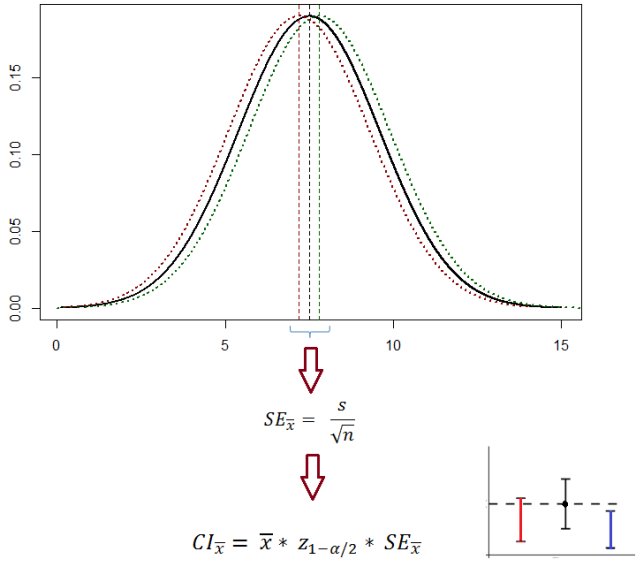
Statistics 101

Data type	Distribution	Parametric	Central tendency			Deviation measures			Correlation	Comparison	Difference	
			Mode	Median	Mean	Range	IQR	Std.Dev			1-sample	2-sample
Nominal	--	No	Yes	No	No	No	No	No	--	--	--	--
Ordinal	--	No	Yes	Yes	No	Yes	Yes	No	Spearman	Chi-square	Sign test, Wilcoxon	Mann-Whitney
Interval	Normal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pearson	--	t-test	t-test
	Other	No	Yes	Yes	No	Yes	Yes	No	Spearman	--	Sign test, Wilcoxon	Mann-Whitney
Ratio	Normal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pearson	--	t-test	t-test
	Other	No	Yes	Yes	No	Yes	Yes	No	Spearman	--	Sign test, Wilcoxon	Mann-Whitney

Normal Distribution



Sample vs Population – Confidence intervals



Confidence level	Z value
90%	1.65
95%	1.96
99%	2.58
99,9%	3.291