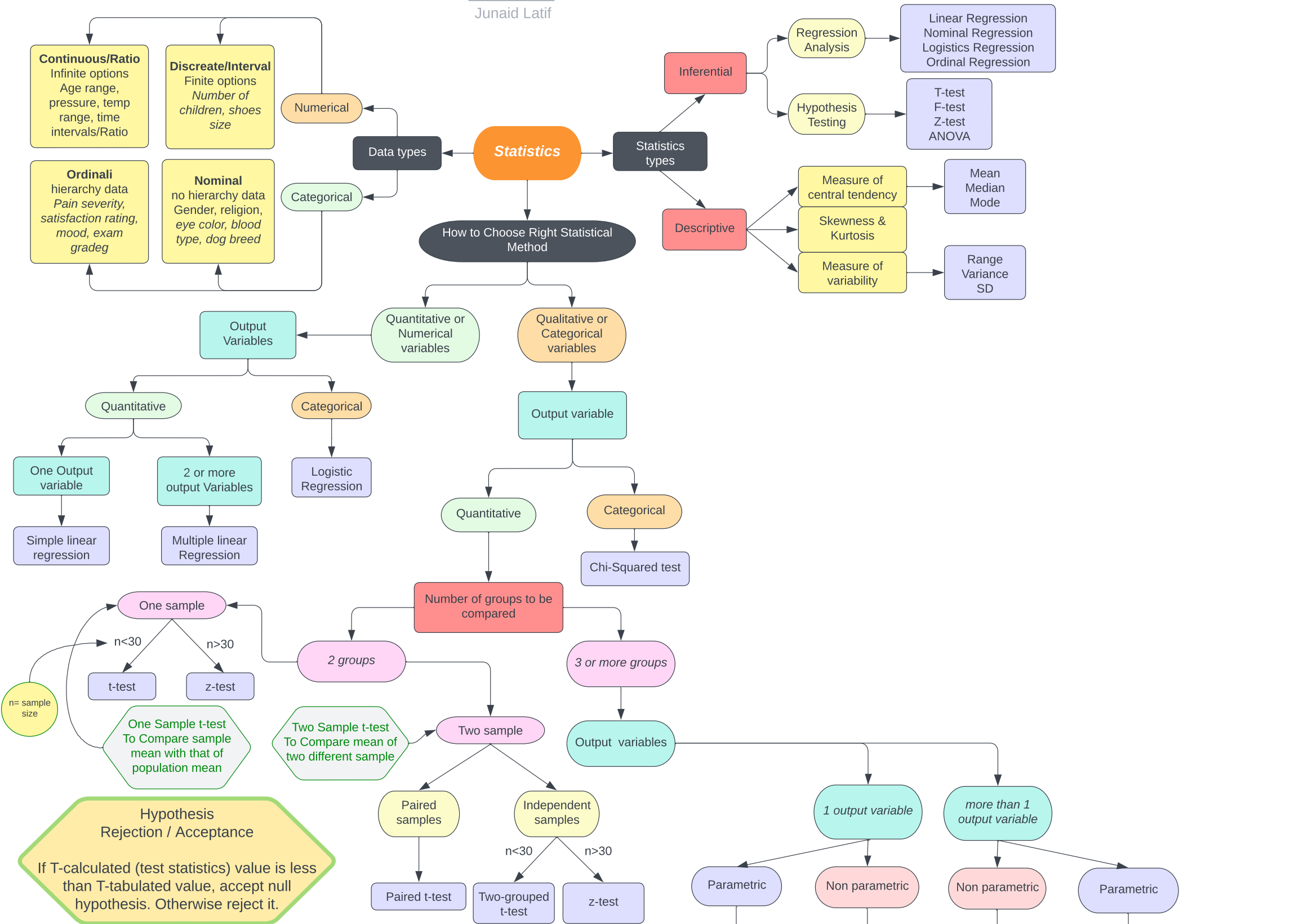


# Statistics

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## Some Commonly Used Statistical Tests

Normal theory-based tests	Corresponding nonparametric tests	Purpose of test
t test for independent samples	Mann-Whitney U test; Wilcoxon rank sum test	Compares two independent samples
Paired t test	Wilcoxon matched pairs signed-rank test	Examines a set of differences
Pearson correlation coefficient	Spearman rank correlation coefficient	Assesses the linear association between two variables
One-way analysis of variance (F test)	Kruskal-Wallis analysis of variance by ranks	Compare three or more groups
Two-way analysis of variance	Friedman two-way analysis of variance	Compares groups classified by two different factors