

sequenceDiagram;

A[What type of data?]->> B[Continuous];  
B--Research Question--> C[Differences];  
B--Research Question--> D[Relationships];

C --Num. samples to compare--> E[1 group]

E --> F[Normally distribute?];  
F --Yes--> G[One sample z-test];

F --No--> H[Wilcoxon signed rank z-test]