Test Applicability Cheat

Kevin Martin on behalf of the w203 Instructional Team

10/15/2020

Table of test applicablility:

- UT - Unpaired t-test
- PT - Paired t-test
- W(M) - Wilcoxon Rank-Sum Test (Hypothesis of Means)
- W(C) - Wilcoxon Rank-Sum Test (Hypothesis of Comparisons)
- WSR - Wilcoxon Signed rank Test
- ST - Sign Test

Condition	UT	PT	W(M)	W(C)	WSR	ST
Metric Scale	x	x	x		x	
Paired Dependent Samples		x			x	x
X & Y identcally distributed except means			x			
Sample means apprx. normal	x					
Diff. btwn. X & Y is apprx. normal		x				
Diff. btwn. X & Y is symmetric abt. mean					x	
Sample (or pair) is drawn i.i.d.	x	x	x	x	x	x