Inferential statistics is very important so Fred and I made up this special review. Use it with the formula review beginning on the next page.

Don't forget to look at cumulative review chapters 25 - 27.



Executive Summary of Inferential Statistics

Being Tested	Sampling Distribution is Known			Sampling Distribution is Unknown
A Transport Service Se		rametric Tests of and Proportion interval and Rat	Nonparametric Tests of the Median Using Ordinal Data	
	use with			use with
	Normal Po Large Sample σ is known	pulation Small Sample σ is unknown ¹	Skewed Population Large Sample σ is known	Skewed Populations Small Sample
001-	or unknown		or unknown	n) professi elean myd aspros. Camb
One Sample	Z	t	Z	Sign Test
Two Independent Samples	z	t	f a meen i <mark>z</mark> cifferent al fer direction	Mann-Whitney Test
Two Dependent Samples (paired difference test)	z	t sma	r a mean i x orienent fro or. Dividing or by 2.	Sign Test
3 or More Independent Samples (ANOVA)	F	F 7 - 0 = 1	Not Applicable	Kruskal-Wallis Test
	1. If σ is known	n, z may be used in	place of t.	Nonparametric Tests of Nominal Data Using χ^2
One Categorical Variable	$\frac{2}{(E_2 - \frac{1}{4})^2}$		3 X − y X &	Goodness of Fit Test
Two Categorical Variables (Statistical Dependency)	$I_{1r} + r_{12} - I_{2r}$	(c	SS (25)	Contingency Tables