

BOLD = Covered in PHC 6050/PHC 6052

Italics = Covered in PHC 6053

Number of Dependent Variables	Nature of Independent Variables	Nature of Dependent Variable(s)	Test(s)
1	0 IVs (1 population)	interval & normal	one-sample t-test
		ordinal or interval	one-sample median
		categorical (2 categories)	binomial test
		categorical	Chi-square goodness-of-fit
	1 IV with 2 levels (independent groups)	interval & normal	2 independent sample t-test
		ordinal or interval	Wilcoxon-Mann Whitney test
		categorical	Chi-square test (Continuity Corr)
			Fisher's exact test
	1 IV with 2 or more levels (independent groups)	interval & normal	one-way ANOVA
		ordinal or interval	Kruskal Wallis
		categorical	Chi-square test
	1 IV with 2 levels (dependent/matched groups)	interval & normal	paired t-test
		ordinal or interval	Wilcoxon signed ranks test
		categorical	McNemar
	1 IV with 2 or more levels (dependent/matched groups)	interval & normal	one-way repeated measures ANOVA
		ordinal or interval	Friedman test
		categorical	repeated measures logistic regression
	2 or more IVs (independent groups)	<i>interval & normal</i>	<i>factorial ANOVA</i>
		ordinal or interval	ordered logistic regression
		categorical	factorial logistic regression
	1 interval IV	interval & normal	correlation
interval & normal		simple linear regression	
ordinal or interval		non-parametric correlation	
<i>categorical</i>		<i>simple logistic regression</i>	
1 or more interval IVs and/or 1 or more categorical IVs	<i>interval & normal</i>	<i>multiple regression</i>	
		<i>analysis of covariance</i>	
	<i>categorical</i>	<i>multiple logistic regression</i>	
		discriminant analysis	

More Complex Analyses

Number of Dependent Variables	Nature of Independent Variables	Nature of Dependent Variable(s)	Test(s)
2+	1 IV with 2 or more levels (independent groups)	interval & normal	one-way MANOVA
	2+	interval & normal	multivariate multiple linear regression
	0	interval & normal	factor analysis
2 sets of 2+	0	interval & normal	canonical correlation