

Techniques for one variable:

Type of variable:	Quantitative	Categorical, 2 levels	Categorical, > 2 levels
Appropriate Technique:	T test or CI for mean (Sect. 12.4, 13.2)	Z test or CI for single proportion (Chapt. 10, 11)	<i>Chi-square test of goodness-of-fit (not covered)</i>

Techniques for one explanatory variable and one response variable:

Explanatory variable type:	Response variable type:		
	Quantitative	Categorical, 2 levels	Categorical, > 2 levels
Quantitative	Regression (Chapt. 5, 14)	<i>Logistic regression (not covered)</i>	<i>Ordinal regression (not covered)</i>
Categorical, 2 levels	T test or CI for difference between two means (Sect. 12.5, 13.3)	Z test or CI for difference between two proportions (Sect. 12.6, 13.4) or chi-square for 2×2 (Sect. 6.5, 15.1, 15.2)	chi-square test for contingency tables (Sect. 15.1)
Categorical > 2 levels	ANOVA (Chapt. 16)	chi-square test for contingency tables (Sect. 15.1)	chi-square test for contingency tables (Sect. 15.1)