

AP Statistics | 2-Sample Inference

Students must demonstrate that they can:

- State null and alternative hypotheses
- Calculate z-statistics
- Assess significance
- Recognize weaknesses of significance testing
- Explain errors and power
- Explain P-value
- Choose appropriate test or interval
- Run test
- Draw conclusions
- Differentiate between 2 tests
- Set up 2 test and make predictions
- Calculate 2 statistic
- Find and interpret p-value
- State conclusions
- Set up Linear Regression test
- Calculate t-statistic and p-value
- Use computer printout for Linear Regression test
- Interpret beta
- Define, use, and interpret appropriate vocabulary

Assignment Calendar

Date	Day	Topic	Assignment
03/05	1	Error (Type I & Type II), Powers, & Paired Data	HW #1: Error/Power WS
03/07	2	2-Sample Proportions Confidence Intervals	HW #2: 2-Sample Proportions CI WS
03/09	3	2-Sample Means Confidence Intervals	HW #3: 2-Sample Means CI WS
03/13	4	2-Sample Proportions Significance Testing	HW #4: 2-Sample Proportions ST WS
03/15	5	2-Sample Mean Significance Testing	HW #5: 2-Sample Means ST WS
03/19	6	2-Sample Test Review	HW #6: Review Packet
03/21	7	2-Sample TEST	HOMEWORK PACKET DUE