The 4C Method for Inference: Significance Tests

CHOOSE: Choose the inference procedure and set it up.

Choose procedure: Significance level:

Parameter: Statistic:

Hypotheses: Evidence for H_a:

CHECK: Check the appropriate conditions

CALCULATE: If conditions are met, perform the calculations

General Formula: Picture:

Specific Formula:

Plug in numbers:

                                                       Test statistic:

                                                       P-value:

CONCLUDE: Make a conclusion in the context of the problem.