Chi-Square Test Report

## STEP 1: CREATING THE HYPOTHESIS

Based on the information provided, the null and alternate hypothesis is given by:

vs

## Step 2: Test Details

## Sample Variance: 50.3733

## Sample Size: 12

## Population Variance: 1

## Significance Level (α): 0.05

## Chi-Square Test Statistic: 554.1068

## Step 3: Conclusion

## Conclusion: Reject the null hypothesis: The variance is greater than the hypothesized population variance.