

# NIST Decision Tree Report

## Summary

Date: 2022-02-24  
Selected Procedure: Hierarchical Gauss-Gauss  
Consensus estimate: -0.658  
Standard uncertainty: 1.078  
95% coverage interval: (-2.753, 1.437)  
Dark uncertainty (tau): 1.354  
Tau postereror 0.025 and 0.975 quantiles: (0.798,4.17)

## Decision Tree Hypothesis test results

Cochran's test for Homogeneity:  
p-value:  $p < 0.001$   
 $Q = 394.9$  (Reference Distribution: Chi-Square with 3 Degrees of Freedom)  
tau est. = 1.07  
tau/median(x) = -2.203  
tau/median(u) = 8.915  
Shapiro-Wilk test for Normality:  $p = 0.402$   
Miao-Gel-Gastwirth test of Symmetry:  $p = 0.62$

## Plots



