NIST Decision Tree Report

Summary

Date: 2021-12-26
Selected Procedure: Hierarchical Gauss-Gauss
Consensus estimate: 2.647
Standard uncertainty: 0.902
95% coverage interval: (0.936, 4.358)
Dark uncertainty (tau): 0.915
Tau postererior 0.025 and 0.975 quantiles: (0.0339,2.8)

Decision Tree Hypothesis test results

Cochran's test for Homogeneity:
p-value: 0.42
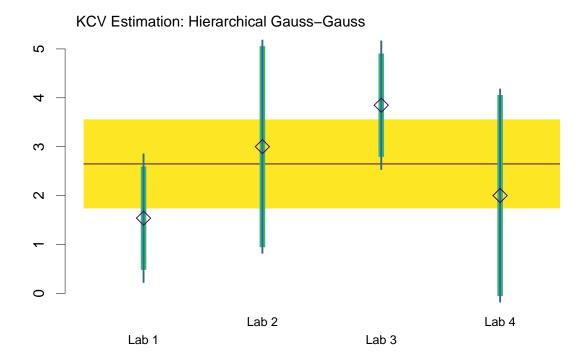$Q = 2.812$ (Reference Distribution: Chi-Square with 3 Degrees of Freedom)
tau est. $= 0$
tau/median(x) $= 0$
tau/median(u) $= 0$

Shapiro-Wilk test for Normality: $p = 0.938$

Miao-Gel-Gastwirth test of Symmetry: $p = 0.618$

Plots

KCV Estimation: Hierarchical Gauss–Gauss

Unilateral Degrees of Equivalence