NIST Decision Tree Report

Summary

Include	Laboratory	Result	Uncertainty	DegreesOfFreedom
1	1	0.7265070	0.0000205	60.4
1	2	0.7264960	0.0000193	60.4
1	3	0.7264762	0.0000172	60.4
1	4	0.7264473	0.0000550	60.4
1	5	0.7264409	0.0000099	60.4
1	6	0.7264950	0.0000610	60.4
1	7	0.7266288	0.0001250	60.4
1	8	0.7264925	0.0000260	60.4
1	9	0.7264246	0.0000066	60.4
1	10	0.7264193	0.0000146	60.4
1	11	0.7265245	0.0000288	60.4
1	12	0.7265106	0.0000271	60.4
1	13	0.7264844	0.0000190	60.4
1	14	0.7265372	0.0000124	60.4
1	15	0.7264830	0.0000266	60.4
0	16	0.7263116	0.0001058	60.4
1	17	0.7264622	0.0000332	60.4

Date: 2022-04-28
Selected Procedure: Adaptive Weighted Average
Consensus estimate: 0.7265
Standard uncertainty: 1.241e-05
95% coverage interval: (0.7265, 0.7265)
Dark uncertainty (tau): 4.159e-05

Decision Tree Hypothesis test results

Cochran's test for Homogeneity:
p-value: $p < 0.001$
Q = 103 (Reference Distribution: Chi-Square with 15 Degrees of Freedom)
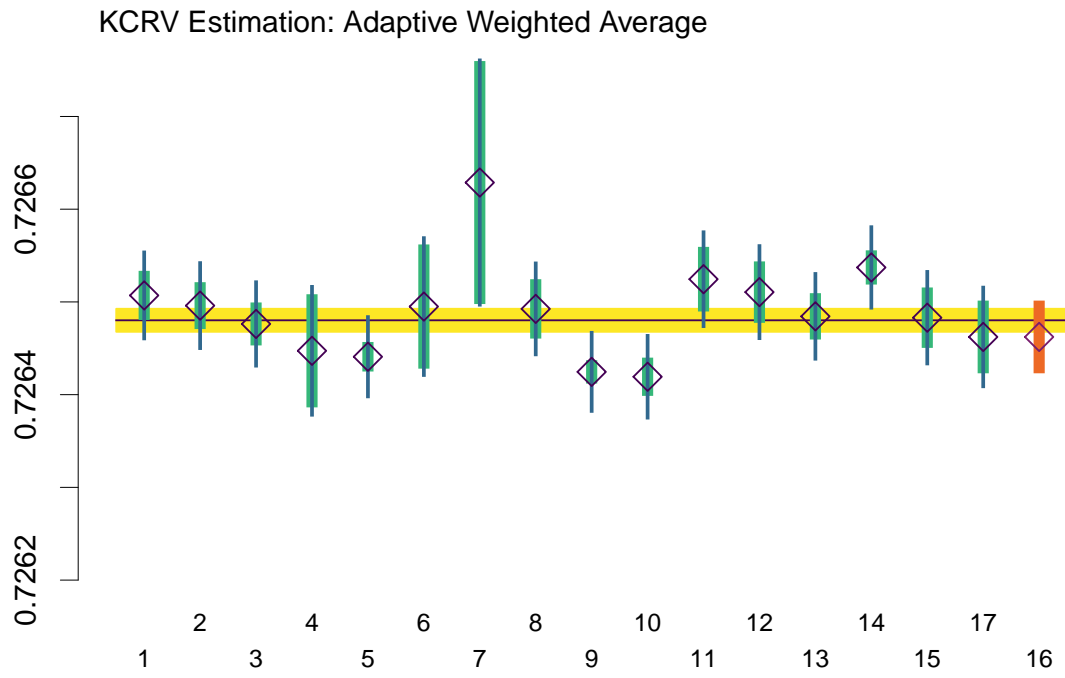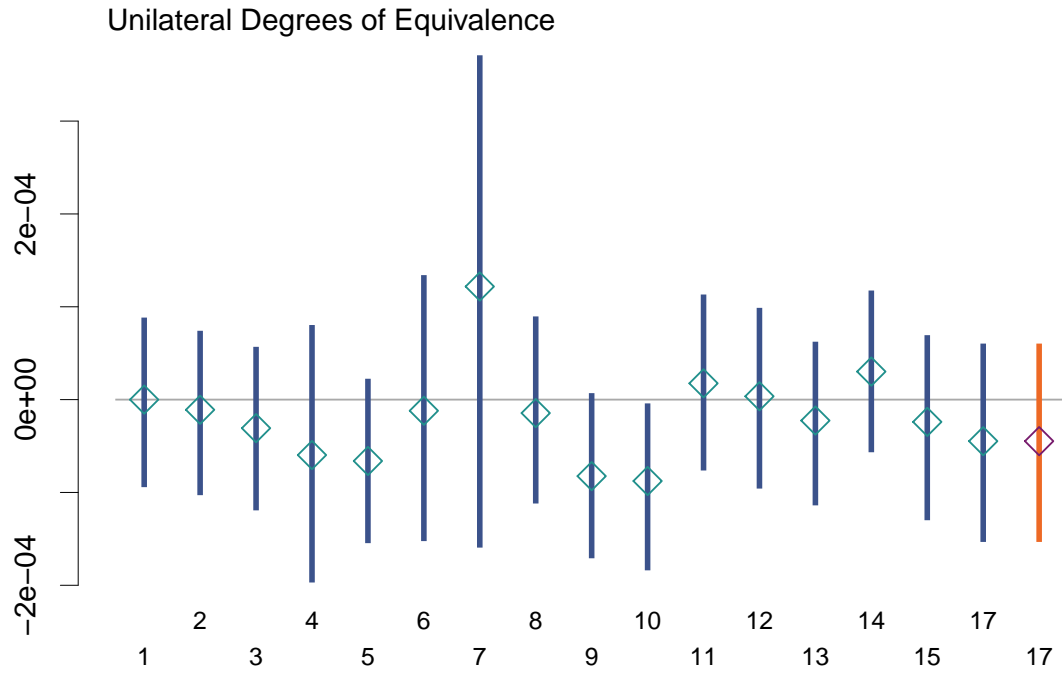tau est. = 4.159e-05
tau/median(x) = 5.725e-05
tau/median(u) = 1.789

Shapiro-Wilk test for Normality: $p = 0.004007$

Miao-Gel-Gastwirth test of Symmetry: $p = 0.952$

Plots

KCRV Estimation: Adaptive Weighted Average

Unilateral Degrees of Equivalence

	Lab	DoE.x	DoE.U95	DoE.Lwr	DoE.Upr
1	1	0.0000000	0.0000885	-0.0000913	0.0000854
2	2	-0.0000110	0.0000852	-0.0000999	0.0000711
3	3	-0.0000308	0.0000854	-0.0001163	0.0000538
4	4	-0.0000597	0.0001363	-0.0001940	0.0000773
5	5	-0.0000661	0.0000856	-0.0001516	0.0000195
6	6	-0.0000120	0.0001410	-0.0001494	0.0001311
7	7	0.0001218	0.0002609	-0.0001564	0.0003679
8	8	-0.0000145	0.0000964	-0.0001089	0.0000866
9	9	-0.0000824	0.0000863	-0.0001679	0.0000040
10	10	-0.0000877	0.0000875	-0.0001809	-0.0000071
11	11	0.0000175	0.0000925	-0.0000734	0.0001102
12	12	0.0000036	0.0000948	-0.0000928	0.0000958
13	13	-0.0000226	0.0000846	-0.0001109	0.0000594
14	14	0.0000302	0.0000844	-0.0000537	0.0001145
15	15	-0.0000240	0.0000957	-0.0001269	0.0000664
17	17	-0.0000448	0.0001053	-0.0001503	0.0000573
16	16	-0.0001954	0.0002089	-0.0004042	0.0000135