

Title:

Example 1 Simulation of the relation: $(A > B) * (B \rightarrow C) * (C \rightarrow \bar{D}) * (D \rightarrow E) * (E > \bar{F})$

Option (0 = Connections, 1 = Implications, 2 = Confirmation, 3

2

Data Input (1 = RELAN-DAT (Matrix Input), 2 = RELAN KAT (Vector Input):

1

Number of Variables (max = 100, not licenced: max = 4):

10

Dichotomisation (0 = No, 1 = Yes):

0

Names of Variables (max = 100) (three alphanumeric symbols, blanks as delimiters):

AAA BBB CCC DDD EEE FFF GGG HHH III JJJ

Vector of Dichotomisation (max = 100) (floating point format, blanks as delimiters):

0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50

Probabilities of the Apriori Chance Model (max = 100) (floating point format, blanks as delimiters):

0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50

Order of Causality (max = 100) (integer format, blanks as delimiters):

1 2 3 4 5 6 7 8 9 10

Duration of Causality (max = 100) (integer format, blanks as delimiters):

2 2 2 2 2 2 2 2 2 2

Sample Size (max = 1000, not licenced: max = 50):

1000

Print Extent (0, 1, 2, 3 = max):

0

Hypothesis Chance Model (1 = apriori, 0 = aposteriori)

0

Level of Significance (Zsig.) (depending on apriori or aposteriori random model:

2.000

Level of Simulation (Zsim) (simulations are always computed with apriori probabilities):

30.000

Level of Extraction (Zext) (if zero: no extraction) / Extraction Chance Model: apriori/aposteriori (1, 0):

0.000

1

Inclusion-Criterion (1 = norm, 0 = not norm.) / Y(p)-Cut (0.0...1.0) / X(p)-Cut (0.0...1.0):

1

0.00

0.00

Graph Theoretical Analysis (0, 1):

Weighting of Cases (0 = no, 1 = yes, file: RELAN-WEI):

0

Causal Analysis (1 = yes, 0 = no)

1

Truth Function (0 = boolean function from "RELAN-IN", 1 = truth values from "RELAN-FCT")

0

Hypothetical Function (Restrictions: Signs < 79, Variables < 11, Brackets < 31:-----too long-----

$(A > B) * (B \rightarrow C) * (C \rightarrow D) * (D \rightarrow E) * (E > \bar{F})$

Extractional Function (Restrictions: Signs < 79, Variables < 11, Brackets < 31:-----too long-----

$(A > B) * (B \rightarrow C) * (C \rightarrow D) * (D \rightarrow E) * (E > \bar{F})$