OutputReport {RJafroc} R Documentation

Output Report

Description

Output the report of the analysis result.

Usage

OutputReport(fileName, format, delimiter = ",", data,

dataDscrpt = deparse(substitute(data)), reportFile = NULL,

analysisMethod = "DBM", analysisFOM = "JAFROC1", alpha = 0.05,

covEstMethod = "Jackknife", nBoots = 200, showWarnings = TRUE)

Arguments

fileName

Data file to be analyzed. See ReadDataFile and "Details".

format

The format of "fileName". See ReadDataFile and "Details".

delimiter

See ReadDataFile.

data

The data list to be analyzed. See "Details".

dataDscrpt

A string descriptor of the data file. Default is the variable name of "data". See "Details".

reportFile

The file name of the output report file (without extension). Default is "fileName" or "dataDscrpt" followed by the suffix of "analysisMethod" and "analysisFOM". Note the the function adds the extension \*.txt automatically.

analysisMethod

The analysis method. It can be "OR" or "DBM".

analysisFOM

See DBMAnalysis.

covEstMethod

See ORAnalysis.

nBoots

See ORHAnalysis.

alpha

See DBMAnalysis.

showWarnings.

logical. If TRUE, a warning will be issued if the report file already exists.

Details

At least one of the combinations of "fileName and format" and "data and dataDscrpt" must be specified. If both of them are specified, the data file "fileName" is analyzed and the data list "data" is ignored.

Value

A formatted analysis report of the data.

Examples

OutputReport(fileName = "Van Dyke.xlsx", format = "JAFROC", analysisMethod = "DBM", analysisFOM = "Wilcoxon")

OutputReport(data = vanDykeData, dataDscrpt = "Van Dyke Data", analysisMethod = "OR", analysisFOM = "Wilcoxon",

covEstMethod = "Jackknife")