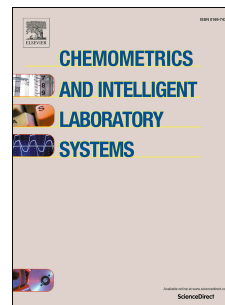


Accepted Manuscript

Tutorial and spreadsheets for Bayesian evaluation of risks of false decisions on conformity of a multicomponent material or object due to measurement uncertainty

Ricardo J.N.B. da Silva, Francesca R. Pennechi, D. Brynn Hibbert, Ilya Kuselman



PII: S0169-7439(18)30237-5

DOI: [10.1016/j.chemolab.2018.09.004](https://doi.org/10.1016/j.chemolab.2018.09.004)

Reference: CHEMOM 3680

To appear in: *Chemometrics and Intelligent Laboratory Systems*

Received Date: 18 April 2018

Revised Date: 10 September 2018

Accepted Date: 13 September 2018

Please cite this article as: R.N.B. da Silva, F. Pennechi, D.B. Hibbert, I. Kuselman, Tutorial and spreadsheets for Bayesian evaluation of risks of false decisions on conformity of a multicomponent material or object due to measurement uncertainty, *Chemometrics and Intelligent Laboratory Systems* (2018), doi: <https://doi.org/10.1016/j.chemolab.2018.09.004>.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Tutorial and spreadsheets for Bayesian evaluation of risks of false decisions on conformity of a multicomponent material or object due to measurement uncertainty

Ricardo J. N. B. da Silva ^a, Francesca R. Pennechi ^b, D. Brynn Hibbert ^c, Ilya Kuselman ^{d,*}

^a Centro de Química Estrutural, Faculdade de Ciências da Universidade de Lisboa, Edifício C8,

Campo Grande, 1749-016 Lisboa, Portugal

^b Istituto Nazionale di Ricerca Metrologica (INRIM), Strada delle Cacce 91, 10135 Turin, Italy

^c School of Chemistry, UNSW Sydney, Sydney NSW 2052, Australia

^d Independent Consultant on Metrology, 4/6 Yarehim St., 7176419 Modiin, Israel

* Corresponding author

ilya.kuselman@gmail.com

ilya.kuselman@bezeqint.net

Tel.: +972-50-6240466

Download English Version:

<https://daneshyari.com/en/article/11031270>

Download Persian Version:

<https://daneshyari.com/article/11031270>

[Daneshyari.com](https://daneshyari.com)