



All you wanted to know about R for analysing sensory data but were afraid to ask

Kasetsart University Sensory and Consumer Research Center (KUSCR), Department of Product Development, Faculty of Agro-Industry is pleased to announce a one-day workshop that emphasizes on using R program on sensory and consumer data analysis.

The aim of this tutorial is to propose a tour of what is possible to do with R for the analysis of sensory data. To do so we will start from real and complex case studies for which sensory and consumer data of different types have been collected and we will analyse them in live with R.

We will demonstrate the whole process of analysing and making a report with R, from its installation to the use of its most recent features such as interactive visualization of data or automatic generation of report.

In terms of sensory data, we will analyse sorting and Napping data, including their temporal version collected on an android tablet (digit-tracking data), JAR data, Ideal Profile Method data and their variant called Ideal Pair Method data, and finally textual data collected when consumers provide descriptions of the products.

Date and Time: 14th June, 2017. Sessions start from 9 a.m. to 4 p.m.

Location: Office of Computer Services, Kasetsart University, Bangkok. Thailand

Who should attend: People who want to have an overview of the sensory and consumer data that can be easily analysed with R, whether they consider themselves as R beginner or R user.

About the lecturer:



Sébastien LÊ is currently an Associate Professor in the department of Statistics and Computer Science, Agrocampus-Ouest, Rennes, France. He is also responsible for ConSent Research, a consultancy agency of Agrocampus-Ouest. His area of interests are Statistics, visualization, sensory data, consumer data.

Here are some books he wrote about R:

Husson, F., Lê, S., & Pagès, J. (2017). Exploratory multivariate analysis by example using R. CRC press. (2nd edition)
Le, S., & Worch, T. (2014). Analyzing sensory data with R. CRC Press.

Lecturer assistant:

Margot BRARD – Centre Culinaire Contemporain & AGROCAMPUS OUEST, France

Schedule:

Wednesday, June 14	
08.30-09.00	Registration
09.00-16.00	<ul style="list-style-type: none">• An introduction to R, from its installation to its most recent features• An introduction to RStudio• An overview of the different R packages that are absolutely necessary for the analysis of sensory and consumer data• An introduction to Holos and to digit-tracking data• An introduction to the Q methodology for understanding conceptual perception variability

Coffee breaks: 10.30-10.45, 14.45-15.00

Lunch: 12.00-13.00

Organized by:

Kasetsart University Sensory and Consumer Research Center (KUSCR), Thailand

Cost and registration information: Course Fee is 2,500 THB including all course materials, lunch, and coffee breaks.

Please transfer the course fee to the saving account:

TMB Bank Public Company Limited, Kasetsart University branch

Swift code for wire transfer: TMBKTHBK

Account name: Suntaree Suwonsichon and Withida Chantrapornchai

Account number: 069-2-57058-3

For more information:

Please contact us at kuscr@hotmail.com, Tel +66-89-441-8352

or visit our Facebook: kuscr



REGISTRATION FORM

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14th June, 2017

Office of Computer Services, Kasetsart University, Bangkok. Thailand

Name

Title/Position.....

Company or Institute

Address.....

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Tel: Fax: E-mail:

The name and address you would like to appear on the receipt:.....

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Please fill in the registration form and fax/e-mail the form and proof of payment to
the following address ***no later than June 7, 2017*** to reserve your place:

**Seats are limited to 40 participants.*

Miss Sarisuk Sittiketgorn

Kasetsart University Sensory and Consumer Research Center

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Map of Office of Computer Services, Kasetsart University

