Workshop Information

Title: Bayesian Statistics and its Application to Foreign Language Teaching

(Conducted in Japanese)

Lecturer: Kunihiro KUSANAGI (Hiroshima University)
Chair: Akiyo HIRAI (University of Tsukuba)

- Date: September 11, 2019 (Wednesday), 11:00—12:30, 13:30-15:00 (with a 60-minute lunch break)
- Venue: Niigata Seiryo University (Building #4, 4108PCL)
- Attendance Fee: ¥1,000
- Maximum Number of Participants: 30 (first-come, first-served basis)
- Registration Period: July 1st (Mon.) – September 4th (Wed.)
  (The registration will be closed after the number of participants reach the limit.)
- Prerequisite: All participants must bring a computer with:
  (a) later version of Windows 7 or MacOS X, or recent version of Linux OS.
  (b) Microsoft Excel or other spreadsheet software.
  (c) R 3.0.0 or later; downloadable from (https://cran.ism.ac.jp/bin/windows/base/)
  (d) statistical software JASP; downloadable from (https://jasp-stats.org/)

Objectives
1. To understand the basics of Bayesian statistics by contrasting it with frequentism.
2. To learn Bayesian statistics as an alternative to classic statistical methods such as t test, ANOVA, multiple regression, and correlation analysis.

Procedure
1. Lecture 1: Basics of Bayesian statistics
2. Hands-on Workshop 1: Trying Bayesian statistics
3. Hands-on Workshop 2: Foreign language education study using Bayesian statistics
4. Lecture 2: Implications to more advanced modelling

How to register
1. Registrations accepted until workshop reaches maximum capacity. To facilitate the workshop process, please go to the following website and fill in your name, affiliation, and e-mail address. Also, please answer these questions. https://goo.gl/forms/BMsDd0XorDye7Ip13
2. In case you cannot register using above website, please email it to Ryoko Fujita (Juntendo University) at r-fujita@juntendo.ac.jp

Let us know the following information when you register the workshop.
(1) Your name, affiliation, and email address.
(2) Reason(s) for the interest in Bayesian statistics.
(3) Kinds of research that you would like to implement in the future.
(4) Questions for the instructors, if you have. (Optional)
(5) Requests for this workshop, or JLTA workshops in general. (Optional)

NOTE: The school cafeteria is closed throughout the conference. Participants can have lunch at restaurants near the campus, or buy foods from the Co-op on campus or a nearby convenience store. Foods and drinks are not allowed into the workshop venue. Please eat in the Student Hall in the 6th building.