

Editorial

It is a big pleasure to issue Volume 6 Number 1 of **CSBIGS (Case Studies in Business, Industry and Government Statistics)**. This volume is the first one after the change of editorial team which occurred in 2014. CSBIGS is now affiliated and hosted by the French Statistical Association **SFDS** and we are grateful for its support. The new editorial assistant is Elise Maigné (INRA, Toulouse) on Figure 1. We thank Nathalie Villa for preparing the new latex format and Elise for the formatting of this first issue in latex as well as the archiving of former issues on the SFDS website.



Figure 1: CSBIGS editorial assistant.

As usual according to the CSBIGS policy, this issue gives you a chance to work with the data sets kindly provided by the authors. This issue comprises four papers. Commeau and Parent show us how statistical decision theory and more particularly Bayesian analysis can help the food industry take decisions about optimal sampling plans for producing diced bacon. Bazzoli et al. use linear mixed models with a complex random effects structure to treat a biomechanical data set of coordination patterns of finger forces produced from different tasks. Misiti et al. forecast pollution concentration measures in Haute-Normandie (France) using mixtures of linear regression models. Arumugam et al. illustrate community detection algorithms for social network analysis by analyzing social behavior in two villages of India.

I would like to thank again the members of the editorial board and the reviewers for their hard work and all the authors for their contribution.

Christine Thomas-Agnan
Editor in chief CSBIGS
christine.thomas@tse-fr.eu
<http://www.csbiggs.fr>
May 24 2015.

