

## 3. Publications

### 3.1 Refereed articles in journals and book

- Dinov, I., Christou N and Sanchez J. (2008) Central Limit Theorem: New SOCR Applet and Demonstration Activity. To appear in Journal of Statistics Education.
- Dinov, I.D., Sanchez, J. and Christou, N. (2008), Pedagogical utilization and assessment of the statistic online computational resource in introductory probability and statistics courses, Computers & Education. An International Journal, Vol. 50, Issue 1, January 2008, 284-300.  
<http://doi:10.1016/j.compedu.2006.06.003>
- Sanchez, J. and Wang, J. (2007) "What Came First: the chicken or the egg?" STATS, 47, (2007), pp 12-16.  
<https://www.amstat.org/publications/stats/index.cfm?fuseaction=welcome>
- Sanchez, J. and He, Y. (2005). Internet Data Analysis for the Undergraduate Statistics Curriculum. Journal of Statistics Education Volume 13, Number 3 (2005),  
<http://www.amstat.org/publications/jse/v13n3/datasets.sanchez.html>
- D. Berry, G. Parmigiani, J. Sanchez, J. Schildkraut and E.P. Winer (1997). Probability of Carrying a Mutation of Breast Cancer Gene BRCA1 Based on Family History}. Journal of the National Cancer Institute 89, No. 3. p.227--238.
- J. Sanchez, J. Kadane and A. Candel (1996). Multiagent Bayesian Theory and Economic Models of Duopoly, R&D and Bank Runs}. Advances in Econometrics 11A, Jai Press, Inc. p. 275--302.
- J. Sanchez (1991). The Missing Variable in the Economic Analysis of Technological Change . Journal of Economics XVII . p 19--24.
- D. Felix and J. Sanchez (1990). The Role of Capital Flight in the Latin-American Debt Crisis . Crisis Financiera y Mecanismos de Contencion. Carlos Tello Macias and Clemente Ruiz Duran, eds. Fondo de Cultura Economica, Mexico. p 171--196.
- D. Felix and J. Sanchez (1989). Pooling Foreign Assets and Liabilities of Latin American Debtors to Solve Their Debt Crisis: Estimates of Capital Flight and Alternative Policy Mechanisms . The Modern International Environment. Research in International Business and Finance 7 . H. Peter Gray, ed., p. 43--61.

- J. Sanchez (1989). Application of Classical, Bayesian and Maximum Entropy Spectrum Analysis to Nonstationary Time Series Data . Maximum Entropy and Bayesian Methods, J. Skilling ed. Kluwer Academic Publishers. p. 309--319.

### 3.2 Non-refereed Proceedings

- Sanchez, J (2007). The ISLP/IASE International Statistical Literacy Project. Proceedings of the 56<sup>th</sup> Session of the International Statistical Institute Meeting, August 21-29.
- Christou, N., Sanchez, J. and Dinov, I. (2007) Design and Evaluation of Undergraduate Probability and Statistics Courses Using Simulation Applets of the Statistics Online Computational Resource (SOCR). Proceedings of the 56<sup>th</sup> Session of the International Statistical Institute Meeting, August 21-29.
- Sanchez, J. (2007) Building Statistical Literacy Assessment Tools with the IASE/ISLP. Proceedings of the IASE/ISI-Satellite Conference on Assessing Student Learning in Statistics. Guimaraes, Portugal, 19-21 August 2007. <http://www.stat.auckland.ac.nz/~iase/publications/sat07/Sanchez.pdf>
- Christou, N., Dinov, I. and Sanchez, J. (2007) Enhancing the Teaching of Statistics with Technology using the Statistics Online Computational Resource (SOCR). 2006 Proceedings of the American Statistical Association, Section on Statistics Education [CD-ROM], Alexandria, VA: American Statistical Association: pp-pp.
- Dinov, I.D., Sanchez, J. and Christou, N. (2006), "Pedagogical Utilization and Assessment of the Statistic Online Computational Resource in Introductory Probability and Statistics Courses," 2006 Proceedings of the American Statistical Association, Section on Statistics Education [CD-ROM], Alexandria, VA: American Statistical Association: pp-pp.
- Dinov, I.D., Sanchez, J. (2006) Assessment of the Pedagogical Utilization of the Statistics Online Computational Resource in Introductory Probability Courses: A Quasi-experiment. In Beth Chance and Alan Rossman, Edts. Proceedings of the 7th International Congress on the Teaching of Statistics. <http://www.stat.auckland.ac.nz/~iase/publications/17/C312.pdf>
- Sanchez, J. and Liu, Ching-Ti. (2005). ``Bayesian Hierarchical Models of the Browsing Behavior of World Wide Web Users. Computer Science and Statistics . Vol 36 . Proceedings of the 36th Symposium on the Interface. Baltimore, Maryland, May 26-29, 2004.

- Sanchez, Juana (2003). Data Analysis Activities and Problems for the Computer Science Major in a Post-Calculus Introductory Statistics Course. 2003 ASA Proceedings of the American Statistical Association. Statistical Education Section [CD ROM], Alexandria, VA: American Statistical Association. Also Preprint 363 of UCLA -Statistics Preprint Series
- J. Sanchez, G. Padilla, R. Weiss, and M.L. Brecht (1998). Finding Predictors of Health Related Quality of Life in Head and Neck Cancer Patients: A Repeated Measures Model . Proceedings of the Biopharmaceutical Section, 1998 American Statistical Association.
- J. Sanchez (1994). Vertical Integration in the Chicken Broiler Industry . Proceedings of the 6th Conference on Applied Statistics in Agriculture, Kansas University.

### 3.3 Books

- The Role of NSOs in educating the public in Statistics , Editor
- International Comparison of the Data and chance component of the mathematical curriculum for schools throughout the world and the complementary programs (in progress), Editor
- The Nuts and Bolts of Doing Time Series Analysis in Practice. (in progress)
- R. Bryant, G. Gelles and J. Sanchez (1995). Explorations in Microeconomics . C.A.T. Publishing Company.

### 3.4 Book Reviews

- Sanchez, J (2007). : Book review of Bernard Pfaff, “Analysis of Integrated and Cointegrated Time Series with R.” Journal of Applied Statistics, Volume 34, No. 8, 1011-1017.
- Sanchez, J. (2007). Book Review of Jane Fielding and Nigel Gilbert “Understanding Social Statistics,” 2<sup>nd</sup> edition. Journal of Applied Statistics, Vol 34, No. 3, 365-369.
- Sanchez, J (2007). Books review of Julian J. Faraway’s two volumes “Linear Models with R” and “Extending the Linear Model with R” Journal of Statistical Software, Volume 17, 2007 Book Review 4, <http://www.jstatsoft.org/index.php?vol=17&t=b>

- Sanchez, J. (2006) Book Review of R. Ho's "Handbook of Univariate and Multivariate Data Analysis and interpretation with SPSS." Journal of Statistical Software, Volume 16, 2006, Book Review 4.  
<http://www.jstatsoft.org/index.php?vol=16&t=b>

### **3. Workshop handbooks**

Handbook on Continuing Statistics Education with Technology Workshop,  
August 6, 2007.  
[http://repositories.cdlib.org/socr/events/SOCR\\_2007\\_Workshop/workshop\\_handbook2007/](http://repositories.cdlib.org/socr/events/SOCR_2007_Workshop/workshop_handbook2007/)