

2010 Publications

Vangeneugden, T., Molenberghs, G., Laenen, A., Geys, H. Beunckens, C., and Sotfo, C., Marginal Correlation in Longitudinal Binary Data Based on Generalized Linear Mixed Models, *Communications in Statistics: Theory and Methods*, 39 (19) : 2540-3557.

M. Chernick, W. Gonzalez-Manteiga, R. Crujeiras, and **E. Barrios**, Bootstrap Methods, in M. Lovric, ed. *International Encyclopedia of the Statistical Sciences*, Springer.

C. Dumanjug, **E. Barrios** and **J. Lansangan**, Bootstrap Procedures in a Spatial-Temporal Model, *Journal of Statistical Computing and Simulation*, 80(7): 809-822.

H. Marcoyannopolou-Fojas and **E. Barrios**, Subclinical Atherosclerosis Determined by Pulse Wave Velocity in Overweight and Obese Rural Filipino Subjects, *Atherosclerosis Supplements*, 11(2): 57.

M. Gochoco-Bautista and **D.S. Mapa**, The Linkage between Trade and Financial Integration and Output Volatility in East Asia, *Asian Economic Journal*, 24(1):1-23.

L. Panlasigue, C. Bayaga, **E. Barrios**, K. Cochon, Glycaemic Response to Quality Protein Maize Grits, *Journal of Nutrition and Metabolism*, 2010, Article ID 697842, 6 pages, DOI: 10.1155/2010/697842, available at:<http://www.hindawi.com/journals/jnume/2010/697842.abs.html>

A. Nalica, Spatial-Temporal Modeling of Growth in Rice Production in the Philippines, *The Philippine Statistician*, 59:15-25.

J. Almeda and J. Yabes, Knowledge, Attitudes, and Practices of Households in Relation to Avian Influenza, *The Philippine Statistician*, 59:43-68.

J. Tejada, The Random Component of the Levy Fractional Brownian Motion: A Rotation-Scale-Reflection-Invariant Random Field, *The Philippine Statistician*, 59: 89-93.

E. Barrios, Teaching of Statistical Consulting in the Philippines, *The Philippine Statistician*, 59:103-107.

D. Mapa, F. Han, K. Estrada, Food Inflation, Underemployment and Hunger Incidence in the Philippines: A Vector Autoregressive (VAR) Analysis, *Trans. Nat. Acad. Sci. and Tech. (Philippines)*, 32(1).

D. Mapa, M. Lucagbo, C. Ignacio, Is Income Growth Enough to Reduce Fertility Rate? Empirical Evidence From Regional Panel Data, *Trans. Nat. Acad. Sci. and Tech. (Philippines)*, 32(1).

J. Almeda and **E. Barrios**, Teaching Experiments for a Course in Introductory Statistics, in C. Reading, ed., *Data and Context in Statistics Education: Towards Evidence-Based Society*, Proc. Of the 8th International Conference on Teaching Statistics, Slovenia.

L. Bersales, The Teaching of Statistics In The Philippines: Moving to a Brighter Future, in C. Reading, ed., *Data and Context in Statistics Education: Towards Evidence-Based Society*, Proc. Of the 8th International Conference on Teaching Statistics, Slovenia.

E. Barrios and L. Lavado, Spatial Stochastic Frontier Models, Discussion Paper Series No. 2010-08, *Philippine Institute for Development Studies*, May 2010, available at: <http://dirp4.pids.gov.ph/ris/dps/pidsdpc1008.pdf>

E. Barrios, Generating Small Area Statistics from Household Surveys Conducted by NSO/Small Area and SubDomain Estimation of Selected Socio-Economic Indicators, Manila: MIMAP Philippines.

P. Cayton, **D. Mapa**, and M. Lising, 2010, Estimating Value-At-Risk (VaR) Using Tivex-Pot Models, *Journal of Advanced Studies in Finance*, Vol. 1 (2), pp. 152-170.