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Research Assistant

Statistics and Operation Research Department of Polytechnic University of Catalonia (UPC)



Education:

Doctorate in Biostatistics

Universitat Politècnica de Catalunya (UPC), Barcelona 2016

Master in Statistics and Operations Research (MIEIO)

Universitat Politècnica de Catalunya (UPC), Barcelona 2011

BSc (Llicenciatura) in Marketing Research

Barcelona University (UB), June 2005

BSc (Diplomatura) in Statistics

Barcelona University (UB), September 2003

Current Projects:

- Member of the project MTM2012-38067-C02-01. Financed by “Ministerio de economía y competitividad. Dirección general de investigación científica y técnica”. Team investigator: G.Gómez, U.Dafni, C.Forné, O.Julià, K.Langohr, N.Pérez-Álvarez, N.Porta Bleda, D.Rizopoulos, V.Gibert, C.Serrat. Grant: 62.100 euros. Period: January 2013 - December 2015.
- Member of the project MTM2008-06747-C02-01. Financed by “Dirección General de Investigación.Subdirección General de Proyectos de Investigación. Ministerio de Ciencia e Innovación”. Team investigator: G.Gómez, C.Serrat, K.Langohr, N.Pérez, N.Porta, L.López, A.Espinal, O.Julià, R.L.Villegas, R.López, U.Dafni, M.Gómez. Grant: 110.715 euros. Period: January 2009 - December 2011.
- Member of "Red Nacional de Bioestadística - Nodo Catalunya -Bio". Financed by “Ministerio de Innovación y Ciencia (MTM2010-09213-E)”. National and International participant Institutions. Investigator in charge: Carmen María Cadarso Suárez. Period: From 2010 - 2011.

Selection of Publications:

- Gómez G, **Gómez-Mateu M**, Dafni U. *Informed Choice of Composite Endpoints in Cardiovascular Trials*. *Circulation: Cardiovasc Qual Outcomes*. Vol. 7(1), pp. 170-178 (2014).
- Gómez G, **Gómez-Mateu M**. *The Asymptotic Relative Efficiency and the ratio of sample sizes when testing two different null hypotheses*. *SORT*, 38, 73-88 (2104).
- Lorenzo-Arribas A, Martínez-Silva I, **Gómez-Mateu M**, Perez-Alvarez N, Perpiñán Fabuel H, Valero Coppin O. *Young biostatisticians in Spain: career or race?*. *Bulletin of Statistics and Operations Research BEIO* 29-3, 266-282 (2013).
- Negrodo E, Bonjoch A, **Gómez-Mateu M**, Estany C, Puig J, Pérez-Alvárez N, Rosales J, di Gregorio S, del Rio L, Gómez G, Clotet B. *Time of Progression to Osteopenia/Osteoporosis in Chronically HIV-Infected Patients: Screening DXA Scan*. *PLoS One* Vol. 7(10), pp. e46031 (2012).

Research Areas:

Survival Analysis

Statistic methods for survival data

Methods for censored data

Software for survival analysis

Composite endpoints analysis

Statistics applied to clinical research

Data analysis

Composite endpoints analysis

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