

Research Project “Labour and Territory. Local labour markets” (grant ref. CSO2014-55780-C3-2-P, 2015-2018) Spanish National R&D&I Plan.

Main objectives:

1. To develop new methodological approaches to deal with the identification of functional areas and, especially, local labour markets, improving those initiated in previous projects to fit both the theoretical innovations that have appeared in the literature and the characteristics of the new datasets available.
2. To adapt the most representative methods existing in the international experience to delineate the Spanish sets of local labour markets and metropolitan areas based on data from Census 2011. The methodological and technical developments generated in previous projects and those deriving from the tasks that articulate the first objective will be used in empirical exercises applied to the Spanish case and to international datasets, continuing a line of work already initiated in collaboration with researchers from other countries.
3. To analyse individual commuting patterns. This is the variable that in aggregate terms defines the morphology and functioning of labour market areas. The determinants of the commuting behaviour and its consequences over the performance of certain groups of population will also be investigated.
4. To analyse the effect that the variables related to local labour markets exert on the residents employment experience. Special attention will be paid in this sense to three of the most characteristic phenomena of the Spanish labour market (for which greater territorial variability is moreover observed): youth unemployment, immigration and overeducation.

Related publications

Articles in journals indexed in the Journal Citations Report (JCR):

Alonso, M.P.; Beamonte, M.A.; Gargallo, P. and Salvador, M. (2016) “Evolutionary and classification methods for local labor markets delineation”, *Computational and Mathematical Organization Theory* (DOI:10.1007/s10588-015-9208-7).

Casado-Díaz, J.M.; Martínez-Bernabéu, L. and Flórez-Revuelta, F. (2017) “Automatic parameter tuning for functional regionalization methods”, *Papers in Regional Science*, DOI:10.1111/pirs.12199

Feria-Toribio, J.M.; Casado-Díaz, J.M. and Martínez-Bernabeu, L. (2015) "Inside the metropolis: The articulation of Spanish metropolitan areas into local labor markets", *Urban Geography*, 36(7), 1018-1041. DOI:10.1080/02723638.2015.1053199

Martínez-Bernabéu, L. and Casado-Díaz, J.M. (2016) "Delineating zones to increase geographical detail in individual response data files: An application to the Spanish 2011 Census of population", *Moravian Geographical Reports*, 24(2), 26-36, doi: 10.1515/mgr-2016-0008

Romaní, J.; Casado-Díaz, J.M. and Lillo-Bañuls, A. (2016) "On the links between spatial variables and overeducation", *Applied Economics Letters*, 23(9), 652-655; DOI: 10.1080/13504851.2015.1095996.

García, C.; Prieto, M. and Simón, H. (2016): “A new multidimensional approach to measuring precarious employment”, *Social Indicators Research* (forthcoming)

Murillo, I.; Ramos, R. and Simón, H. (2016): "Regional differences in the gender wage gap in Spain", *Social Indicators Research*, forthcoming.

Gargallo P.; Miguel, J.A. and Salvador, M.J. (2017) MCMC Bayesian spatial filtering for hedonic models in real estate markets , *Spatial Statistics*, 22, 47-67.

Pacia, L.; Beamonte M.A.; Gelfand A.E.; Gargallo, P. and Salvador, M. (2017) Analysis of residential property sales using space–time point patterns, *Spatial Statistics*, 21, 149-165

Gargallo, P.; Miguel, J.A. and Salvador, M.J. (2017) Bayesian Spatial Filtering for Hedonic Models: An Application for the Real Estate Market. *Geographical Analysis*.

Murillo, J.; Romani, J. and Suriñach, J. (2015): "The Business Excellence Attraction Composite Index (BEACI) in small areas. Design and application to the municipalities of the Barcelona province." *Applied Economics*, 47, 2. 161-179. DOI: 10.1080/00036846.2014.967381#.VEibnc4cS

Torrado, J.M.; Susino, J. and Romani, J. (2017) El papel del género en la explicación del "commuting": el caso de las regiones urbanas de Andalucía, *Revista Internacional de Sociología*, forthcoming.

Articles in journals indexed in Scopus-SJR/SCImago and Emerging Sources Citation Index (Web of Science):

Feria, J.M. and Martínez, L. (2016) "La definición y delimitación del sistema metropolitano español: permanencias y cambios entre 2001 y 2011", *Ciudad y territorio. Estudios territoriales*, XLVIII(187), 9-24.

Articles in journals indexed in Scopus-SJR/SCImago:

Rowe, F.; Casado-Díaz, J.M. and Martínez-Bernabeu, L. (2017) "Functional Labor Market Areas for Chile", *Region - The Journal of ERSA*, 4(3), R7-R9; DOI: 10.18335/region.v4i3.199

Manzanares, Á.; Sánchez, C. and Riquelme, P.J. (2017) Análisis de la coherencia en los mercados locales de trabajo de la provincia de Huelva, *Revista de Estudios Regionales*, forthcoming.

Romani, J.; Casado-Díaz, J.M. and Lillo-Bañuls, A. (2017) "Explorando las relaciones entre el desplazamiento al trabajo y los cambios de residencia en España. Un análisis con datos individuales", *Papers. Revista de Sociología*, 102/4, 705-725, doi: 10.5565/rev/papers.2417

Manzanares, A. and Riquelme, P.J. (2017) Análisis espacial del desempleo en los mercados locales de trabajo españoles. *Revista Galega de Economía*, 26(2), 29-47.

Other (journals non indexed in international databases/rankings):

Manzanares, A. and Riquelme, P. (2017) La concentración industrial de las empresas en los mercados locales de trabajo de la región de Murcia, *Información Comercial Española*, 895, 127-141.