

FACULTY PROFILE

PERSONAL INFORMATION	
Name and Surname(s)	SÁNCHEZ RODRÍGUEZ, María Isabel
Category	Non-Tenured Associate Professor (accredited to become a Tenured Associate Professor)
Degree(s)	Graduate in Statistical Science and Techniques (<i>Licenciatura</i>) – PhD in Statistics
Department	Department of Statistics, Econometrics, Operations Research, Business Management, and Applied Economics
Area of Expertise	Statistics and Operations Research
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Research Profile (ORCID Code; Researcher ID)	ORCID Code: 0000-0003-0657-7823 Researcher ID: M-1030-2015
TEACHING EXPERIENCE IN UNDERGRADUATE AND POSTGRADUATE PROGRAMMES	
Courses Taught (maximum of 10)	<ul style="list-style-type: none"> - Business (Double Degree in Law and Business Administration) - Advanced Business Statistics (Double Degree in Law and Business Administration) - Quantitative Methods in Business (Double Degree in Law and Business Administration) - Practical Mathematical and Statistical Analysis (Bachelor's Degree in Business Administration and Management / Double Degree in Law and Business Administration) - Statistical Techniques Applied to Business Management (Master's Degree in Business Administration) - Data Analysis in Social, Economic, and Legal Sciences (Cross-disciplinary Course for Master's Degrees)

	<ul style="list-style-type: none"> - Multivariate Analysis Applied to Health Research I (Master's Degree in Health Sciences Research) - Multivariate Analysis Applied to Health Research II (Master's Degree in Health Sciences Research) - Statistics and Introduction to Econometrics (Bachelor's Degree in Business Administration and Management / Degree in Law and Business Administration ([<i>Licenciatura</i>]) - Data and Survey Analysis (Bachelor's Degree in Business Administration and Management)
RESEARCH EXPERIENCE	
Research Lines (maximum of 3)	<ul style="list-style-type: none"> - Applied Multivariate Analysis - Computational Statistics - Comparative Qualitative Analysis
Publications (maximum of 3)	<ul style="list-style-type: none"> - Marcenaro-Gutierrez, O.D. / Prieto-Latorre, C. / Sánchez Rodríguez, M.I., "Gender differences between teachers' assessments and test based assessments. Evidence from Spain", in: <i>Assessment in Education: Principles, Policy & Practice</i> 30/3-4 (2023), pp. 320-345 DOI: 10.1080/0969594X.2023.2251715 - Pedraza-Rodríguez, J.A., / Ruiz-Vélez, A. / Sánchez-Rodríguez, M.I. / Fernández-Esquinas, M., "Management skills and organizational culture as sources of innovation for firms in peripheral regions", in: <i>Technological Forecasting and Social Change</i> 191 (2023), 122518 DOI:10.1016/j.techfore.2023.122518 - Sánchez-Rodríguez, M.I. / Sánchez-López, E. / Marinas, A.

	<p>/ Caridad, J.M. / Urbano, F.J., “Redundancy analysis to reduce the high-dimensional near-infrared spectral information to improve the authentication of olive oil”, in: <i>Journal of Chemical Information and Modeling</i> 62/19 (2022), pp. 4620-4628 DOI: 10.1021/acs.jcim.2c00964</p>
<p>Research Projects (last 5 years, maximum of 3)</p>	<ul style="list-style-type: none"> - “Causal Analysis of Efficiency in the Production of Cognitive and Non-Cognitive Skills: From Educational Centres to the Labour Market”. PID2020-119471RB-I00. National R&D&i Plan. 2021- 2023 - “New Approaches in Multi-Objective Optimisation Through Algorithm-Decider Interaction. Applications to Academic Performance and Child Poverty”. PID2020-115429GB-I00. National R&D&i Plan. 2021-2023 - “Optimal Design of Educational Policies Based on Longitudinal Census Data Analysis”. ECO2017- 90573-REDT, Spanish Ministry of Economy, Industry, and Competitiveness. State Research, Development, and Innovation Program Oriented to Society’s Challenges. National R&D&i Plan. 2018-2021



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