

# CURRICULUM VITAE (abbreviated)

## Part A. PERSONAL INFORMATION

First and Family name	MARIA DOLORES HIDALGO MONTESINOS		
Researcher numbers	Researcher ID	B-4170-2011	
	Orcid code	0000-0002-6256-718X	

### A.1. Current position

Name of University/Institution	University of Murcia		
Department	Basic Psychology and Methodology		
Current position	Full Professor	From	2008
UNESCO Codes	610505 610507 520201		
Keywords	Psychometrics; Test Validity: Development and adaptation of tests; Differential Item Functioning; Item Response Theory		

### A.2. Education

PhD	University	Year
Psychology	University of Murcia	1995

### A.3. JCR articles, h Index, thesis supervised...

Positive evaluation by the National Assessment Committee of the Spanish Ministry of Education and Science of the research activity during 4 six-year periods (the last one 2010-2015, 11 doctoral dissertations supervised during the last 10 years. 1185 total cites (Web of Science); 985 total cites (Scopus), Cites per year during the last 5 years: 59,3 (Web of Science); 12 publications in Q1; 84 publications in JCR; h index: 20 (Web of Science); h index: 38 (Google Scholar); h index from 2015: 27 (Google Scholar).

## Part B. CV SUMMARY *(max. 3500 characters, including spaces)*

The main areas of research in which I have focused my research are Differential Item Functioning (DIF), Item Response Theory (IRT), cross-cultural test adaptation and development of assessments tests and questionnaires. My work has included DIF detection using Logistic Regression Analysis, effect sizes measures in DIF identification and DIF-IRT techniques. Other works are focused on cross-cultural adaptation of social anxiety and interpersonal difficulties scales for adolescents, and on the development of new instruments in health psychology. I have worked as a member of a research team in 18 occasions (total grants approximately: €900,000), and as the main research in 2 research projects (total grants: €42,400).

With regard to brief stays in other research centers, in 1996 I made five months stay in the Department of Methodology of Behavioral Sciences (University of Barcelona) as a guest researcher in collaboration with Dra. Juana Gómez-Benito. Our work was mainly focused in topics about the efficiency and efficacy of DIF statistical techniques and the use of purification matching criteria procedures. In 1997 I made a 12 week stay in the Department of Methodology (Universiteit van Amsterdam) as a guest researcher in collaboration with Dr. Gideon Mellenbergh. We worked in practical statistical guidelines using DIF-IRT techniques and Logistic Regression Analysis for detecting DIF. In 1999 I made a 4 week stay in the Psychology Department (University of Oregon) as a guest researcher with Dr. Mary Rothbart. We worked in Spanish adaptation of temperament and personality questionnaires. Finally, in 2013 I made another stay at the Center for Educational Assessment (University of Massachusetts in Amherst) as a guest researcher in collaboration with Dr. Steve Sireci. We worked in Test Validity and Differential Item Functioning.

# CURRICULUM VITAE (abbreviated)

Regarding publications, I have published 130 articles in scientific journals (84 of them in JCR); two books and fifteen chapters in edited books.

I have made around 126 contributions at international conferences and 106 at national conferences; in addition, I have coordinated nine symposia and one round table.

Respect of the Membership of Professional Bodies, I am a founder member of the Spanish Association of Behavioural Sciences Methodology (AEMCCO) and from July of 2019 President of the AEMCCO, member of the European Association of Methodology (EAM), European Survey Research Association (2007-2014), National Council of Measurement in Education (NCME) and member of the International Test Commission (ITC). In addition, I am member of various editorial boards, *Psicothema*, *Behavioral Psychology*, *Psicologica: International Journal of Methodology and Experimental Psychology*, *Psicología Educativa*, *Avances en Medición*, *Ciencias Psicológicas*, *Papeles del Psicólogo* and *International Journal of Testing*. I am Associate Editor of *Clínica y Salud*. I am a Consultant reviewer for more than 30 different scientific journals (such as: *Applied Psychological Measurement*, *Methodology*, *International Journal of Testing*, *Quality of Life Research*, *Psychiatric Research*, *Spanish Journal of Psychology*, *Psicothema*, *Journal of Clinical Epidemiology*, *Journal of Personality Assessment*, *Child Care, Health and Development*, *Educational Assessment*, *Journal of Educational and Behavioral Sciences*, *European Journal of Psychological Assessment*, *Psychological Reports*, *Structural Equation Modeling*,...).

## Part C. RELEVANT MERITS

### C.1. Publications (including books)

Hernández, A., Hidalgo, M.D., Hambleton, R.K. & Gómez-Benito, J. (2020). Operationalizing the ITC guidelines for test adaptation: A criterion checklist. *Psicothema*, 32 (3), 390-398. (Q1)

Barrios, M., Guilera, G., Hidalgo, M.D., Cheung, E.C.F., Chan, R.C.K. & Gómez-Benito, J. (2019). The most commonly used instruments in schizophrenia: What are they measuring? *European Psychologist*, Advance online publication. <https://doi.org/10.1027/1016-9040/a000386> (Q2).

Hidalgo, M.D. & Hernández, A. (2019). Sexta Evaluación de test editados en España: Resultados e Impacto del Modelo en Docentes y Editoriales. *Papeles del Psicólogo*, 40(1), 21-30. [Sixth review of tests published in Spain: Results and impact of the model on lecturers and publishers]

Alcáraz, S., Godoy, C., Fernández, E., e Hidalgo, M.D. (2018). Spanish validation of the Type D Personality Scale (DS14). *Psicología Conductual* 26, (1), 195-209. (Q3)

Gómez-Benito, J., Sireci, S., Padilla, J.L., Hidalgo, M.D., & Benitez, I. (2018). Differential Item Functioning: Beyond validity evidence based on internal structure. *Psicothema*, 30 (1), 104-109. (Q2)

Hernández-Sánchez, S., Arias, J.L., Alakhadar, Y., Hidalgo, M.D., & Poveda, E.J. (2018). Cross-cultural adaptation of the Victorian Institute of Sports Assessment-Achilles (VISA-A) questionnaire for Spanish athletes with Achilles tendinopathy. *Journal of Orthopaedic & Sports Physical Therapy*, 48 (2), 111-120. (Q1)

Ullrich-French, S., González, J. & Hidalgo, M.D. (2017). Validity Evidence for the adaptation of the State Mindfulness Scale for Pshysical Activity (SMS-PA) in Spanish youth. *Psicothema*, 29 (1), 119-125. (Q2)

Gómez-Benito, J., Guilera, G., Barrios, M. T., Rojo, E., Pino, O., Gorostiaga, A., Balluerka, N., Hidalgo, M.D., Padilla, J.L., Benítez, I. & Selb, M. (2018). Beyond diagnosis: the Core Sets for persons with schizophrenia based on the World Health Organization's International Classification of Functioning, Disability and Health. *Disability and Rehabilitation*, 40:23, 2756-2766. doi: 10.1080/09638288.2017.1356384. (Q1)

# CURRICULUM VITAE (abbreviated)

Bermejo, R., Parra-Hidalgo, P., Oliver-Roig, A., Hidalgo, M.D., Arellano-Morata, C. & García-de-León-González, R. (2016). Development and Assessment of a Questionnaire to Study Protection, Promotion and Support of Breastfeeding. *JOGNN-Journal of Obstetric, Gynecologic & Neonatal Nursing*. 1-14. <http://dx.doi.org/10.1016/j.jogn.2015.12.002> (Q2)

Hernandez-Sanchez, S., Abat F., Hidalgo MD, Cuesta-Vargas A., Segarra, V., Gómez-Conesa, A., Sanchez-Ibañez JM. (2016). Confirmatory factor analysis of the VISA-P scale and measurement invariance across sexes in Spanish athletes with patellar thendinopathy. *Journal of Sport and Health Science*. 1-7, <http://dx.doi.org/doi:10.1016/j.jshs.2016.01.020> (Q1)

Galindo-Garre, F., Hidalgo, M.D., Guilera, G., Pino, O., Rojo, E. & Gómez-Benito, J. (2014). Modelling the World Health Organization Disability Assessment Schedule II using nonparametric item response models. *International Journal of Methods in Psychiatric Research*, (in press). (Q1)

Hernández, S., Hidalgo, M.D. & Gómez-Conesa, A. (2014). Responsiveness of the VISA-P Scale for Patellar Thendinopathy in Athletes. *British Journal of Sports Medicine*, 48:6, 453-457. (Q1)

Hidalgo, M.D., Gómez-Benito, J. & Zumbo, B. (2014). Logistic Regression Analysis for Differential Item Functioning Detection: Efficacy of R-square and Odds-Ratio effect size statistics. *Educational and Psychological Measurement*, 74 (6), 927-949. (Q3)

## C.2. Research projects and grants

2021-2022 Mechanisms and vulnerabilities for alcohol consumption during the COVID-19 (ALCOVIM) pandemic among Spanish and U.S. adults: A cross-cultural, multifactorial longitudinal model. InCHIP Rolling Seed Grant for Interdisciplinary Research Teams. Institute for Collaboration on Health, Intervention, and Policy, University of Connecticut, United States. Huedo-Medina (PI).Role: Co-Investigator

2020-2022 Toward recovery in people diagnosed with a severe mental disorder: Definition, assessment, and intervention. Research grant from Spanish Government Ministry of Science and Innovation. Principal Investigator: Juana Gómez-Benito (Universidad de Barcelona).Role: Co-Investigator

2016-2019 *Integrando a las personas con esquizofrenia: Una evaluación válida de la funcionalidad en diferentes contextos culturales*. PSI2015-67984-R. (70.000 euros). Main research: Juana Gómez-Benito. Ministerio de Economía y Competitividad. Participation: Member of the research team.

2013-2015 *Measurement Challenging Conducting IPD-Meta-analysis: A Metric Transformation*. Center for Health, Intervention, and Prevention Seed Grant Development Opportunities for New Investigators, Connecticut, USA. Number of research members: 4; Main researcher: Tania Huedo-Medina. Participation: Member of the research team.

2013-2015 *Evaluación integral de la funcionalidad en la esquizofrenia*. Research grant from Dirección General de Investigación Científica y Técnica. Ministerio de Economía y Competitividad. (120,000 €). Number of research members: 11; Main researcher: Juana Gómez Benito (Universidad de Barcelona). Participation: Member of the research team.

2011-2014 *Metodología para mejorar la validez de los cuestionarios de las encuestas y de las escalas psicológicas: Entrevistas cognitivas y codificación del comportamiento*. Incentivos a proyectos de investigación de excelencia del Gobierno de Andalucía (93,140.00 €). Main researcher: José Luis Padilla. SEJ-6569. Participation: Member of the research team.

2010-2013 *Questionnaires and survey adaptation in Social and Health Sciences: Optimization of procedures to assess metric equivalence*. Research grant from the

# CURRICULUM VITAE (abbreviated)

Fundación Séneca Comunidad Autónoma Región Murcia (24,400.00 €). Number of research members: 5; Main researcher: M. Dolores Hidalgo-Montesinos.

## C.3. Contracts

2011-2013 Evaluation and Improvement of Healthcare Quality (EMCA). Health Council of the Region of Murcia (96,000€). Number of research members: 10; Main researcher: Pedro Saturno, J.M. Abellán and M. Dolores Hidalgo-Montesinos.

2016-2018 Evaluation and Improvement of Healthcare Quality (EMCA). Health Council of the Region of Murcia (15,000€). Number of research members: 5; Main researcher: M. Dolores Hidalgo-Montesinos.

## C.4. Patents

## C.5. Institutional responsibilities

Secretary of the Department of Basic Psychology and Methodology of the University of Murcia (1992-1995), Secretary of the Faculty of Psychology at the University of Murcia (1999-2001), Assistant Dean for Educational Innovation and Teaching of the Psychology Faculty of the University of Murcia (2003-2007), Assistant Dean for Educational Innovation and Quality of the Psychology Faculty of the University of Murcia (2007-2010), Assistant Vice-Chancellor for Grade and Postgraduate studies of the University of Murcia (2010-2014), Member of the Strategic Committee of the University of Murcia. Institutional Strategic Plan 2007-2012, Coordinator of the Postgraduate Official Program in Psychology at the University of Murcia (2008-2010), Member of the Doctoral Committee of the Faculty of Psychology at the University of Murcia (since 2009), Member of the Quality Committee of the Faculty of Psychology at the University of Murcia (since 2011), Member of the Technical Committee of the Spanish Network of Healthy Universities (REUS) in the University of Murcia (since 2011), Member of the Senate of the University of Murcia (since 2010), Elected member of the Government Council of the University of Murcia (since 2014).

Member of National Commission of Research Assessment depending on the Ministerio de Universidades: years 2019, 2020. (Comisión Nacional Evaluadora de la Actividad Investigadora, CNEAI).

Evaluator of research projects in the National Agency of Assessment and Prospective (Agencia Nacional de Evaluación y Prospectiva, ANEP), depending on the Science and Technology Commission (Comisión Interministerial de Ciencia y Tecnología): years 2002, 2003, 2005, 2008, 2009, 2010, 2011, 2012, 2013, 2017, 2018, 2019, 2020.

Evaluator of research projects in the National Agency of Scientific and Technologic Promotion in Argentina (Agencia Nacional de Promoción Científica y Tecnológica de Argentina, ANPCyT): year 2005.

Evaluator of research projects in the Agency of University and Research Management (Agència de Gestió d'Ajuts Universitaris i de Recerca, AGAUR) of the Catalunya's Government: years 2007, 2008, 2009, 2010, 2011, 2017.

## C.6. Scientific Committees

Member of the Organizing Committee of the IV Conference on Social and Health Sciences Methodology.

Member of the scientific committee of the III National Conference of Survey Methodology (2004), III National Conference of Psychology (2017), IV National Conference of Psychology (2019).

Member of the International Test Commission Award Committee (2012-2020).