

David Leiva Ureña



University of Barcelona

Quantitative Psychology Section

Social Psychology and Quantitative Psychology
Department

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Education

2017–2018	Postgraduate Introduction to Data Science, University of Barcelona
2009–2016	BSc Statistics, University of Barcelona - Polytechnic University of Catalonia
2005–2009	Doctorate Psychology, University of Barcelona
2007–2007	Postgraduate <i>Docencia Universitaria</i> , University de Barcelona
2000–2004	BA Psychology, University of Barcelona
1997–2000	BA Nursing, University of Barcelona

Teaching Contracts

2018–Present	<i>Profesor agregado</i> , Social Psychology and Quantitative Psychology Department
2016–2018	<i>Profesor agregado interino</i> , Social Psychology and Quantitative Psychology Department
2015–2016	<i>Profesor agregado interino</i> , Department of Behavioral Sciences Methods
2010–2015	<i>Profesor lector</i> , Department of Behavioral Sciences Methods
2008–2010	<i>Profesor ayudante</i> , Department of Behavioral Sciences Methods
2005–2008	<i>Pre-doctoral fellowship</i> , Department of Behavioral Sciences Methods

Publications

- 2023 Castellvi, P., Miranda-Mendizabal, A., Recoder, S., Calbo, E., Casajuana-Closas, M., Leiva, D., ... García-Forero, C. (2023). Physical and mental health impact of the covid-19 pandemic at first year in a spanish adult cohort. *Scientific Reports*. **Impact Factor:** 4.997.
- Berger, R., Glazer, S., & Leiva, D. (2023). Leaders condition the work experience: A test of a job resources-demands model invariance in two countries. *Journal of Nursing Management*. doi: 10.1155/1970/1353289 **Impact Factor:** 4.68.
- 2022 Pereiro, A. X., Leiva, D., Galvan, D., Pinazo-Hernandis, S., Pinazo-Clapés, C., Dosil-Díaz, C., ... Facal, D. (2022). Psychological and functional impacts associated with restrictions in long-term care facilities (ltcf) due to the covid-19 pandemic: A multicentre study. *Aging & Mental Health*. doi: 10.1080/13607863.2022.2158306 **Impact Factor:** 3.520.
- Llistosella, M., Castellvi, P., Miranda-Mendizabal, A., Recoder, S., Calbo, E., Casajuana-Closas, M., ... García-Forero, C. (2022). Low resilience was a risk factor of mental health problems during the covid-19 pandemic but not in individuals exposed to covid-19: A cohort study in spanish adult general population. *International Journal of Environmental Research and Public Health*, 19, 15398. doi: 10.3390/ijerph192215398 **Impact Factor:** 4.614.
- Castellvi, P., Llistosella, M., Miranda-Mendizabal, A., Recoder, S., Calbo, E., Casajuana-Closas, M., ... Garcia-Forero, C. (2022). Low resilience as risk factor of mental disorders during covid-19 pandemic: A cohort study. *European Journal of Public Health*, 32. doi: 10.1093/eurpub/ckac131.477 **Impact Factor:** 4.424.
- Vilaseca, R., Rivero, M., Leiva, D., & Ferrer, F. (2022). Mothers' and fathers' parenting and other family context variables linked to developmental outcomes in young children with intellectual disability: a two-wave longitudinal study. *Journal of Developmental and Physical Disabilities*. doi: 10.1007/s10882-022-09856-7 **Impact Factor:** 1.517.
- Léniz-Maturana, L., Vilaseca, R., & Leiva, D. (2022). Maternal self-efficacy and emotional well-being in chilean adolescent mothers: the relationship with their children's social-emotional development. *PeerJ*. doi: 10.7717/peerj.13162 **Impact Factor:** 3.061.

- Miranda-Mendizabal, A., Recoder, S., Calbo-Sebastian, E., Casajuana-Closas, M., Leiva, D., Manolov, N., R. and Matilla-Santander, ... Castellví, P. (2022). Socio-economic and psychological impact of covid-19 pandemic in a spanish cohort bioval-d-covid-19 study protocol. *Gaceta Sanitaria*, 36, 70–73. doi: 10.1016/j.gaceta.2021.10.003 **Impact Factor:** 2.479.
- 2021 Gutiérrez-Martín, J., Leiva, D., Martínez-Morales, M. A., Salord-Oleo, F., López-Lozano, M., Rocha-Fontao, H. O., & Canteras-Venturas, M. (2021). Scales in pain control in patients post-ictus with aphasia: A comparative study. *Enfermería Clínica*, 32, 161–170. doi: 10.1016/j.enfcli.2021.10.007 **Impact Factor:** —.
- 2020 Però-Cebollero, M., Guàrdia-Olmos, J., Amador-Campos, J. A., Solanas, A., Maria, C., Leiva, D., ... Benítez, S. (2020). Sihem-ub: A scale to assess higher-education management skills. *REIRE - Revista d'Innovació i Recerca en Educació*, 13, 1–17. doi: 10.1344/reire2020.13.128380 **Impact Factor:** —.
- Campos-Magdaleno, M., Leiva, D., Pereiro, A. X., Lojo-Seoane, C., Mallo, S. C., Facal, D., & Juncos-Rabadán, O. (2020). Changes in visual memory in mild cognitive impairment: a longitudinal study with CANTAB. *Psychological Medicine*. doi: 10.1017/S0033291720001142 **Impact Factor:** 7.723.
- Campos-Magdaleno, M., Leiva, D., Pereiro, A. X., Lojo-Seoane, C., Mallo, S. C., Nieto-Vieites, A., ... Facal, D. (2020). Longitudinal patterns of the tip-of-the-tongue phenomenon in people with subjective cognitive complaints and mild cognitive impairment. *Frontiers in Psychology*, 11. doi: 10.3389/fpsyg.2020.00425 **Impact Factor:** 2.99.
- García-Galant, M., Blasco, M., Reid, L., Pannek, K., Leiva, D., Laporta-Hoyos, O., ... Pueyo, R. (2020). Study protocol of a randomized controlled trial of home-based computerized executive function training for children with cerebral palsy. *BMC Pediatrics*, 20. doi: 10.1186/s12887-019-1904-x **Impact Factor:** 2.125.
- 2019 Laporta-Hoyos, O., Ballester-Plané, J., Leiva, D., Ribas, T., Miralbell, J., Torroja-Nualart, C., ... Pueyo, R. (2018). Executive function and general intellectual functioning in dyskinetic cerebral palsy: comparison with spastic cerebral palsy and typically developing controls. *European Journal of Paediatric Neurology*, 23(4), 546–559. doi: 10.1016/j.ejpn.2019.05.010 **Impact Factor:** 2.51.
- Berger, R., Czakert, J. P., Leuteritz, J.-P., & Leiva, D. (2019). How and when do leaders influence employees' well-being? moderated mediation models for job demands and resources. *Frontiers in Psychology*, 10. doi: 10.3389/fpsyg.2019.02788 **Impact Factor:** 2.067.

- 2018 Laporta-Hoyos, F. S., O., Pannek, K., Ballester-Plané, J., Leiva, D., Reid, L. B., Pagnozzi, A. M., ... Boyd, R. N. (2018). Brain lesion scores obtained using a simple semi-quantitative scale from MR imaging are associated with motor function, communication and cognition in dyskinetic cerebral palsy. *NeuroImage: Clinical*, 19, 892–900. doi: 10.1016/j.nicl.2018.06.015 **Impact Factor:** 3.943.
- 2017 Sbragaglia, V., Leiva, D., Arias, A., García, J. A., Aguzzi, J., & Breithaupt, T. (2017). Fighting over burrows: The emergence of dominance hierarchies in the Norway lobster (*Nephrops norvegicus*). *Journal of Experimental Biology*, 220, 4624–4633. doi: 10.1242/jeb.165969 **Impact Factor:** 3.179.
- Forcadell, E., Torrents-Rodas, D., Vervliet, B., Leiva, D., Tortella-Feliu, M., & Fullana, M. A. (2017). Does fear extinction in the laboratory predict outcomes of exposure activity? A treatment analog study. *International Journal of Psychophysiology*, 121, 63–71. doi: 10.1016/j.ijpsycho.2017.09.001 **Impact Factor:** 2.868.
- Shalá, A. A., López-Guimerà, Fauquet, J., Puntí, J., Leiva, D., & Sánchez-Carracedo, D. (2017). Association between Family Meals and the Adherence to the Mediterranean Diet in Spanish Adolescents. *Journal of Child and Adolescent Behavior*, 5, 366. doi: 10.4172/2375-4494.1000366 **Impact Factor:** —.
- 2016 Bueno-Guerra, N., Leiva, D., Colell, M., & Call, J. (2016). Do sex and age affect strategic behavior and inequity aversion in children. *Journal of Experimental Child Psychology*, 150, 285–300. doi: 10.1016/j.jecp.2016.05.011 **Impact Factor:** 2,549.
- Fauquet, J., Sofi, F., López-Guimerà, Leiva, D., Shalá-Vásquez, G., A., Puntí, J., ... Casini, A. (2016). Mediterranean diet adherence among Catalanian adolescents: Socio-economic and lifestyle factors. *Nutrición Hospitalaria*, 6, 1283–1290. doi: 10.20960/nh.772 **Impact Factor:** 1,497.
- Losada, J. L., & Leiva, D. (2016). Estudio sobre la calidad de un instrumento de observación. *Cuadernos de Psicología del Deporte*, 16(1), 43–50. **Impact Factor:** —.
- 2015 Sánchez-Carracedo, D., Fauquet, J., López-Guimerà, G., Leiva, D., Puntí, J., Trepát, E., ... Palao, D. (2015). The MABIC project: An effectiveness trial for reducing shared risk factors for eating and weight-related disorders. *Behavior Research and Therapy*, 77, 23–33. doi: 10.1016/j.brat.2015.11.010 **Impact Factor:** 3,395.
- 2013 Solanas, A., Manolov, R., Leiva, D., & Andres, A. (2013). A measure of group dissimilarity for psychological attributes. *Psicologica*, 34(2), 343–364. **Impact Factor:** 0,296.

- 2012 Solanas, A., Selvam, R. M., Navarro, J., & Leiva, D. (2012). Some common indices of group diversity: Upper boundaries. *Psychological Reports*, 111(3), 777–796. doi: 10.2466/01.09.21.PR0.111.6.777-796 **Impact Factor**: 0,44.
- Leiva, D., Solanas, A., & Salafranca, Ll. (2012). R functions for quantifying non-independence in standard dyadic and SRM designs. *Anuario de Psicología*, 42(3), 393–410. **Impact Factor**: –.
- 2011 Solanas, A., Manolov, R., Leiva, D., & Richard's, M. (2012). Retaining principal components for discrete variables. *Anuario de Psicología*, 41(1-3), 33–50. **Impact Factor**: –.
- 2010 Leiva, D., Solanas, A., & Salafranca, Ll. (2010). A statistical procedure for testing social reciprocity at group, dyadic and individual levels. *Quality & Quantity*, 44(5), 971–984. doi: 10.1007/s11135-009-9255-6 **Impact Factor**: 0,6788.
- Solanas, A., Leiva, D., & Salafranca, Ll. (2010). Bias and standard error for social reciprocity measurements. *British Journal of Mathematical and Statistical Psychology*, 63(1), 139–161. doi: 10.1348/000711009X426253. **Impact Factor**: 1,419.
- Sierra, V., Andres, A., Solanas, A., & Leiva, D. (2010). Agreement in interpersonal perception as a predictor of group performance. *Psicothema*, 22(4), 848–857. **Impact Factor**: 0,939.
- Manolov, R., Solanas, A., & Leiva, D. (2010). Comparing “Visual” Effect Size Indices for Single-Case Designs. *Methodology-European Journal of Research Methods for the Behavioral and Social Sciences*, 6(2), 49-58. doi: 10.1027/1614-2241/a000006 **Impact Factor**: –.
- 2009 Solanas, A., Leiva, D., Sierra, V., & Salafranca, Ll. (2009). Measuring and making decisions for social reciprocity. *Behavior Research Methods*, 41(3), 742-754. doi: 10.3758/BRM.41.3.742 **Impact Factor**: 2,923.
- Leiva, D., Andres, A., & Manolov, R. (2009). Social reciprocity measures based on dyadic discrepancies: Methodological review and software development. *REMA - Revista Electrónica de Metodología Aplicada*, 14(2), 1–13. **Impact Factor**: –.
- 2008 Leiva, D., Solanas, A., & Salafranca, Ll. (2008c). Testing reciprocity in social interactions: A comparison between the directional consistency and skew-symmetry statistics. *Behavior Research Methods*, 40(2), 626–634. doi: 10.3758/BRM.40.2.626. **Impact Factor**: 1,737.

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| | Leiva, D., Solanas, A., & Salafranca, Ll. (2008a). An overall statistic for testing symmetry in social interactions. <i>Psicothema</i> , 20(4), 951–957. Impact Factor: 1,213. |
| 2006 | Solanas, A., Salafranca, Ll., Riba, C., Sierra, V., & Leiva, D. (2006). Quantifying social asymmetric structures. <i>Behavior Research Methods</i> , 38(3), 390–399. doi: 10.3758/BF03192792. Impact Factor: 1,150. |
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Books

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| 2016 | Solanas, A., Leiva, D., Manolov, R., Però, M., & Guàrdia, J. (2015). <i>Estadística para las Ciencias del Comportamiento. Resolución comentada de ejercicios</i> . Barcelona: Publicacions i Edicions de la Universitat de Barcelona. |
| 2015 | Manolov, R., Solanas, A., Leiva, D., Losada, J. L., Però, M., & Guàrdia, J. (2015). <i>Actividades de autoaprendizaje autónomo y presencial en Metodología de las Ciencias del Comportamiento</i> . Barcelona: Publicacions i Edicions de la Universitat de Barcelona. |
| 2014 | Manolov, R., Solanas, A., Leiva, D., Però, M., & Guàrdia, J. (2014). Prácticas contextualizadas en Metodología de las Ciencias del Comportamiento. In <i>Experiencias e innovación docente en el contexto actual de la docencia universitaria</i> (pp. 41–45). Ourense: Educación Editora. |
| 2012 | Guàrdia, J., Però, M., Solanas, A., Leiva, D., Losada, J. L., Turbany, J., . . . Selvam, R. M. (2012). Desenvolupament d'un sistema de seguiment individualitzat del treball no presencial en assignatures d'alta densitat de matrícula: Seguiment automatitzat dels processos d'avaluació continuada amb grups d'alta matriculació. In <i>VII CIDUI: La universidad, una institución de la universidad</i> . Barcelona: VII CIDUI. |
| | Però, M., Leiva, D., Guàrdia, J., & Solanas, A. (2012). <i>Estadística aplicada mediante R y R-Commander</i> . Madrid: Editorial Garceta. |
| | Leiva, D., & Però, M. (2012). Introducción a R-Commander y a otras interfaces gráficas de usuario. In M. Però, D. Leiva, J. Guàrdia, & A. Solanas (Eds.), <i>Estadística aplicada a las ciencias sociales mediante R y R-Commander</i> (pp. 71–109). Madrid: Editorial Garceta. |

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| | Leiva, D., & Delgado, J. (2012). Introducción al programa estadístico R. In M. Peró, D. Leiva, J. Guàrdia, & A. Solanas (Eds.), <i>Estadística aplicada a las ciencias sociales mediante R y R-Commander</i> (pp. 1–68). Madrid: Editorial Garceta. |
| 2008 | Leiva, D., Solanas, A., & Salafranca, Ll. (2008b). Statistical methods for studying social reciprocity. In E. Avram (Ed.), <i>Psychology in a positive world. Resources for personal, organizational, and social development</i> (pp. 253–269). Budapest: Editura Universitara. |
| 2007 | Leiva, A. A., D., Manolov, R., Solanas, A., & Salafranca, Ll. (2007). Social reciprocity in organizations. A new methodological approach. In E. Avram (Ed.), <i>Organizational-managerial psychology. Applicative perspectives</i> (pp. 257–269). Budapest: Editura Universitara. |
| 2005 | Salafranca, Ll., Sierra, V., Núñez, M. I., Solanas, A., & Leiva, D. (2005). <i>Análisis estadístico mediante aplicaciones informáticas: SPSS, Statgraphics, Minitab y Excel</i> . Barcelona: Publicacions i Edicions de la Universitat de Barcelona. |
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Research Projects

Grup de Conducta Adaptativa i Interacció (2005SGR00098). Project granted by the *Departament d'Universitats, Recerca i Societat (DURSI) de la Generalitat de Catalunya* (2005-2009). Lead Researcher: Vicente Quera i Jordana.

Interacción y adaptación en sistemas multi-agentes (SEJ2005-07310-C02-01/PSIC). Project granted by the *Ministerio de Educación y Ciencia* (2005-2008). Lead Researcher: Antonio Solanas Pérez.

Grup de Conducta Adaptativa i Interacció (2009SGR1492). Project granted by the *Agència de Gestió d'Ajuts Universitaris i de Recerca de la Generalitat de Catalunya* (2009-2013). Lead Researcher: Vicente Quera i Jordana.

Disimilitud diádica en percepciones interpersonales (PSI2009-07076). Project granted by the *Ministerio de Educación e Innovación* (2010-2012). Lead Researcher: Antonio Solanas Pérez.

Grup de Conducta Adaptativa i Interacció (2014SGR71). Project granted by the *Agència de Gestió d'Ajuts Universitaris i de Recerca de la Generalitat de Catalunya* (2014-2016). Lead Researcher: Vicente Quera i Jordana.

Modelos Estadísticos para el análisis de la conectividad cerebral funcional y efectiva en estudios de imagen de resonancia magnética funcional (fMRI). Project granted by the University of Barcelona (2014-2014). Lead Researcher: Joan Guàrdia i Olmos.

COBED: Cognición, bienestar y educación (PSI2013-41400-P). Project granted by the *Fundació Barcelona Zoo* (2016-2017). Lead Researcher: Montserrat Colell Micó.

Modelos Estadísticos para el análisis de la conectividad cerebral funcional y efectiva en estudios de imagen de resonancia magnética funcional (fMRI) (PSI2013-41400-P). Project granted by the *Ministerio de Economía y Competitividad* (2014-2016). Lead Researcher: Joan Guàrdia i Olmos.

Juego y bienestar en primates cautivos. Beneficios de la terapia de juego en la sociabilidad y la recuperación conductual (3RB090). Project granted by the *Fundació Barcelona Zoo* (2017-2018). Lead Researcher: Montserrat Colell Micó.

Validación de medidas diagnósticas cuantitativas de sintomatología depresiva mediante biomarcadores funcionales (BIOVAL-D) (PI16/00165). Project granted by the *Ministerio de Economía y Competitividad* (2017-2019). Lead Researcher: Carlos García Forero.

Percepción de Competencia y Percepción de Reto: Mecanismos Motivacionales Básicos Influyentes en el Desempeño Académico Project granted by the *Institut de Ciències de l'Educació - Universitat de Barcelona* (2018-2019). Lead Researcher: José Navarro Cid.

Grup de Psicologia Quantitativa (2017SGR269). Project granted by the *Agència de Gestió d'Ajuts Universitaris i de Recerca* (AGAUR) (2017-2022). Lead Researcher: Joan Guàrdia Olmos.

Improving management competences on Excellence based Stress avoidance and working towards Sustainable organisational development in Europe (588315-EPP-1-2017-1-ES-EP). Project granted by the Education, Audiovisual and Culture Executive Agency (EACEA) (2017-2020). Lead Researcher: Rita Gisela Berger.

Consultoria d'anàlisi estadístic i automatització d'informes. Project granted by Barcelona Activa SPM, S.A. (2018). Lead Researcher: David Leiva Ureña.

Indicadores estadísticos para el estudio de redes de conectividad cerebral en registros de resonancia magnética funcional (fmri) y su aplicación para el diagnóstico del deterioro cognitivo (PGC2018-095829-B-I00). Project granted by the *Ministerio de Innovación, Ciencia y Universidades* (2019-2022). Lead Researcher: Joan Guàrdia i Olmos.

SIHEM-UB (Skills Inventory for Higher Education Management). Escala d’habilitats de gestió en educació superior Project granted by the *Institut de Ciències de l’Educació - Universitat de Barcelona* (2016-2017). Lead Researcher: Maribel Però Cebollero.

GIDCUB-11/EST. Grup d’Innovació per l’aprenentatge de l’Estadística en Salut Project granted by the *Universitat de Barcelona* (2016-2022). Lead Researcher: . Joan Guàrdia i Olmos

Mención de Excelencia Maria de Maetzu al Institut de Neurociències de la Universitat de Barcelona(UBNEURO) Project granted by the *Ministerio de Economía, Industria y Competitividad* (2018-2022). Lead Researcher: Jordi Alberch Vie.

Excellence based profiling to identify and apply tools and trainings for a better and sustainable Work-Life-Flow Project granted by the *Education, Audiovisual and Culture Executive Agency (EACEA)* (2020-2023). Lead Researcher: Rita Gisela Berger.

Socio-Economic and Psychological Impact of COVID-19 pandemin in a Spanish representative population-based cohort (BIOVAL-D-COVID-19) Project granted by the *Observatorio Social 'la Caixa'* (2020-2021). Lead Researcher: Pere Castellví Obiols.

Influencias Emocionales en la Motivación Laboral: Análisis Intra-Participante de la Dinámica Motivacional (PID2020-120148GB-I00) Project granted by the *Ministerio de Ciencia, Innovación y Universidades* (2021-2025). Lead Researcher: .

Grup de Psicologia Quantitativa (2021SGR00366). Project granted by the *Agència de Gestió d’Ajuts Universitaris i de Recerca (AGAUR)* (2023-2026). Lead Researcher: Joan Guàrdia Olmos.

Research Visits

Analysis of asymmetric social systems. Development of measures and statistical tests. Research visit done in the Behavioural Biology Group at the University of Utrecht. Duration: January 2008 – June 2008.

Técnicas de clasificación y adherencia a la dieta mediterránea. Research visit done in the *Dpto. de Metodología de Psicobiología y Metodología en Cc. de la Salud*. Duration: September 2014 – November 2014.

Diseños longitudinales y adherencia a la dieta mediterránea. Research visit done in the *Dpto. de Metodología de Psicobiología y Metodología en Cc. de la Salud*. Duration: December 2014 – February 2015.

Diseños longitudinales en estudios epidemiológicos. Research visit done in the *Grup de Recerca en Serveis Sanitaris* of the *Institut Hospital del Mar d'Investigacions Mèdiques* (IMIM). Duration: September 2015 – November 2015.

Diseños longitudinales en estudios epidemiológicos. Research visit done in the *Grup de Recerca en Serveis Sanitaris* of the *Institut Hospital del Mar d'Investigacions Mèdiques* (IMIM). Duration: December 2015 – February 2016.

Modelos TRI en salud: Estimación en distintos diseños de muestreo. Research visit done in the *Grup de Recerca en Serveis Sanitaris* of the *Institut Hospital del Mar d'Investigacions Mèdiques* (IMIM). Duration: December 2017 – February 2018.

Presentations

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| 2022 | <p>Navarro, J., Rueff-Lopes, R., Leiva, D., & Ezzeddine, R. (2022). ¿Cómo nos explicamos lo que sucede en nuestro trabajo? Estilos atributivos en el trabajo y su relación con la afectividad. Communication done in the V Congreso Internacional de la Sociedad Científica Española de Psicología Social y XVI Congreso Nacional de Psicología Social, Burgos, Spain.</p> <p>Blasco, M., García-Galant, M., Ballester-Plané, J., Laporta-Hoyos, O., Leiva, D., Caldú, X., ... Pueyo, R. (2022). Children with cerebral palsy improve their visual perception skills after undertaking a computerized cognitive intervention. Poster presented in the International Multi-Brain Barcelona Congress - Healthy, Pathological and Artificial Brain, Barcelona, Spain.</p> |
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2021

Blasco, M., García-Galant, M., Ballester-Plané, J., Laporta-Hoyos, O., Leiva, D., Caldú, X., ... Pueyo, R. (). A home-based computerized executive function intervention improves visuoperception skills in children with cerebral palsy: a randomized controlled trial. Poster presented in the 34th European Academy of Childhood Disability, Barcelona, Spain.

García-Galant, M., Blasco, M., Berenguer-González, A., Laporta-Hoyos, O., Ballester-Plané, X., J.; Caldú, Miralbell, J., ... Pueyo, R. (2022). Children with cerebral palsy improve their visual working memory after undertaking a computerized intervention at home. Poster presented in the 34th European Academy of Childhood Disability, Barcelona, Spain.

Palmero, C., Selva, J., Smeureanu, S., Jacques Junior, J. C. S., Clapes, A., A, M., ... Escalera, S. (2021). Context-Aware Personality Inference in Dyadic Scenarios: Introducing the UDIVA Dataset. Communication done in the Human Behavior Understanding, IEEE Winter Conference on Applications of Computer Vision Workshops, WACVW, Waikoloa, USA.

Gutierrez, J., Leiva, D., Salord, F., Oliveira, H., Blazquez, M., & Canteras, M. (2021). Efectividad de una Escala Conductual v.s. EVA/EVN, para el Control en los Paciente con Trastornos del Lenguaje PostIctus. Communication done in XXVIII Congreso Anual de la Sociedad Española de Enfermería Neurológica y IV Congreso Internacional de Enfermería Neurológica, Jaen, Spain.

Gallardo-Pujol, D., Curto, D., Clapés, A., Selva, J., Smeureanu, S., Jacques, J., ... Escalera, S. (2021). Personality computing: recognizing personality from a dyadic interaction using artificial intelligence. Communication done in X Jornadas de la Asociación Iberoamericana para la Investigación de las Diferencias Individuales, Madrid, Spain.

Curto, D., Clapes, A., Selva, J., Smeureanu, S., Jacques, J., Gallardo-Pujol, D., ... Palmero, C. (2021). Dyadformer: A Multi-Modal Transformer for Long-Range Modeling of Dyadic Interactions. Communication done in IEEE/CVF International Conference on Computer Vision (ICCV) Workshops, Waikoloa, USA.

Rivero, M., Vilaseca, R., Cantero, M. J., & Leiva, D. (2021). Parental interactions and language in children with typical development and children with intellectual disabilities. Poster presented in the Virtual Congress of the International Association for Child Language, USA.

2020

Leiva, D., Wietrak, E., & Navarro, J. (2020a). Longitudinal clustering of motivational trajectories: A non-parametric person-centered approach. Poster presented in the 9th European Congress of Methodology, Valencia, Spain.

- Leiva, D., Wietrak, E., & Navarro, J. (2020b). Stability of a Continuum Structure of Self-Determined Motivation: A Longitudinal Approach to the Bifactor Exploratory Structural Equation Modeling. Poster presented in the 9th European Congress of Methodology, Valencia, Spain.
- 2019 Cerdán, P., Velasco, M., Leiva, D., & Abelló, C. M., MT. (2019a). New Evidence of Play Therapy Bringing Behavioural Benefits within a Captive Group of Chimpanzees. Poster presented in the 74th WAZA Annual Conference, Buenos Aires, Argentina.
- Cerdán, P., Velasco, M., Leiva, D., & Abelló, C. M., MT. (2019b). New evidence of play therapy bringing behavioural benefits within a captive group of chimpanzees (*Pan troglodytes*). Communication done in the VIIth Iberian Primatological Conference, Burgos, Spain.
- Campos-Magdaleno, M., Pereiro, A. X., Leiva, D., Facal, D., Lojo-Seoane, C., Nieto-Vieites, A., & Juncos-Rabadán, O. (2019). Longitudinal changes of the Paired Associates Learning test (PAL) in a sample of people with Subjective Cognitive Complaints. Poster presented in the 19th Congress of the International Psychogeriatric Association (IPA-SEPG), Santiago de Compostela, Spain.
- Glazer, B. R., S., & Leiva, D. (2019). Role stressors mediate the stressor-strain relationship in two countries. Invited presentation in the EAWOP Small Group Meeting: Leadership and Health/Well-being, Exeter, UK.
- Wietrak, E., Navarro, J., & Leiva, D. (2019). Dynamics of intrinsic motivation and their influence on performance. Communication done in the 19th EAWOP Congress, Torino, Italy.
- Berger, R., Katsanou, M. A., & Leiva, D. (2019). How do transformational leaders influence followers' wellbeing? The mediating role of team climate for learning and role ambiguity. Moderated round table discussion in the 19th EAWOP Congress, Torino, Italy.
- 2018 Berger, R., & Leiva, D. (2018, August). The role of social support on subordinates' stressor-strain perception: a three-country study. Moderated round table discussion in the Second International Conference: Healthier societies fostering healthy organizations: A cross-cultural perspective, Torino, Italy.
- Wietrak, E., Navarro, J., & Leiva, D. (2018, June). Dynamics of Academic Performance and its Influence on Students' Performance. Communication done in the 7th International Congress on Education and Learning, Paris, France.

2017

Wietrak, E., Navarro, J., & Leiva, D. (2018, October). Dynamics of Academic Motivation and its Influence on Students' Performance. Communication done in the III Congreso Internacional de la SCEPS y XIV Congreso Nacional de Psicología Social, Cuenca, Spain.

García-Galant, C. n. A., María, Blasco, M., Laporta-Hoyos, O., Ballester-Plané, J., Caldú, X., Miralbell, J., ... Pueyo, R. (2018, May). . Poster presented in the 30th European Academy of Childhood Disability (EACD), Tbilisi, Georgia.

Laporta-Hoyos, O., Ballester-Plané, J., Leiva, D., Ribas, T., Miralbell, J., Torroja-Nualart, C., ... Pueyo, R. (2018, May). Executive function and general intellectual functioning in dyskinetic cerebral palsy: comparison with spastic cerebral palsy and typically developing controls. Communication done in the 30th European Academy of Childhood Disability (EACD), Tbilisi, Georgia.

Navarro, J., Bosch, J. L., Palacín, M., Solé, M., Berger, R., Leiva, D., ... Castellano, J. (2017, June). Assessment of teamwork competence in higher education. Poster presented inel 3rd International Conference on Higher Education Advances, Valencia, Spain.

Berger, R., Glazer, S., Leiva, D., Criado, P., & Sánchez, E. (2017, July). Health promoting leadership: Leader Behavior and Wellbeing in the Spanish and US Health care sector. Poster presented in the International Association for Cross-Cultural Psychology (IACCP), Varsaw, Polony.

Navarro, J., Bosch, J. L., Palacín, M., Solé, M., Berger, R., Leiva, D., ... Castellano, J. (2017, June). Assessment of teamwork competence in higher education. Poster presented inel 3rd International Conference on Higher Education Advances, Valencia, Spain.

Solanas, A., Fauquet, J., Leiva, D., Manolov, R., & Collell, G. (2017, July). Descripción macroscópica de la actividad cerebral. Communication done in the XV Congreso de Metodología de las Ciencias Sociales y de la Salud, Barcelona, Spain.

Bueno, N., Martínez-Navarrete, M. T., Leiva, D., Colell, M., & Call, J. (2017, Septemberb). Three moral dilemmas to reconcile teories on moral development. Communication done in the 18th European Conference on Developmental Psychology, Utrecht, The Netherlands.

Bueno, N., Martínez-Navarrete, M. T., Leiva, D., Colell, M., & Call, J. (2017, Septempera). Children prefer restoration instead of revenge in third-party conflicts. Communication done in the 18th European Conference on Developmental Psychology, Utrecht, The Netherlands.

- Ávila, A., Velasco, M., Leiva, D., Abelló, M. T., & Colell, M. (2017, October). Behavioural changes of a captive group of lowland gorillas (*Gorilla gorilla gorilla*) through social play with a human being. Communication done in the VI Iberian Primatological Conference, Burgos, Spain.
- 2016 Sánchez-Carracedo, D., Fauquet, J., López-Guimerà, G., Leiva, D., Puntí, J., Trepát, E., ... Palao, D. (2016, September). Eficacia en condiciones reales de un programa de prevención de problemas relacionados con la alimentación y el peso en adolescentes. Poster presented in the VIII Congreso Iberoamericano de Psicología Clínica y de la Salud, San Juan, Puerto Rico.
- 2015 Sbragaglia, V., Leiva, D., García, J. A., Arias, A., Aguzzi, J., & Breithaupt, T. (2015, June). The effect of a stable dominance hierarchy on the daily burrow emergence rhythm of *Nephrops norvegicus* (Crustacea: Decapoda). Poster presented in Gordon Research Seminar in Chronobiology, Girona, Spain.
- Corral, M. J., Leiva, D., Gallardo-Pujol, D., Recasens, M., Althen, H., L, M., ... Álvarez, C. (2015, February). Desenvolupament transversal de la competència informacional al 2n semestre del Grau de Psicologia. Poster presented in VIII Trobada de Professors de Ciències de la Salut, Barcelona, Spain.
- 2014 Losada, J. L., Leiva, D., Manolov, R., Guàrdia, J., Però, M., & Solanas, A. (2014, July). Rendimiento Académico y estrategias de estudio: El caso de Tècniques de Recerca. Communication done in VIII Congreso Internacional de Docencia Universitaria e Innovación (CIDUI), Tarragona, Spain.
- Peró, J., M. and Guàrdia, Manolov, R., Leiva, S. A., D., Losada, J. L., Turbany, J., & Salafranca, Ll. (2014, July). Utilitat del treball de recerca en el procés d'aprenentatge en l'assignatura de Tècniques de Recerca. Poster presented in VIII Congreso Internacional de Docencia Universitaria e Innovación (CIDUI), Tarragona, Spain.
- Manolov, R., Leiva, D., Però, M., Solanas, A., Guàrdia, J., & Losada, J. L. (2014, July). La evaluación individual, grupal y por pares: ¿qué aporta en Técnicas de Investigación? Poster presented in VIII Congreso Internacional de Docencia Universitaria e Innovación (CIDUI), Tarragona, Spain.
- 2013 Guàrdia, J., Però, M., Cosculluela, A., Solanas, A., Leiva, D., Turbany, J., ... Selvam, R. M. (2013, February). Anàlisi d'un sistema informatitzat d'avaluació continuada en grups d'alta densitat de matrícula. Communication done in VII Trobada de Professors de Ciències de la Salut, Barcelona, Spain.

- Manolov, R., Solanas, A., Leiva, D., Però, M., & Guàrdia, J. (2013, July). Prácticas contextualizadas en Metodología de la Ciencias del Comportamiento. Poster presented in III Congreso Internacional de Docencia Universitaria, Vigo, Spain.
- 2012 Solanas, A., Selvam, R. M., Navarro, J., & Leiva, D. (2012, August). Medición de la diversidad en grupos. Poster presented in Measuring Behavior 2012, the 8th Conference on Methods and Techniques in Behavioral Research, Utrecht, The Netherlands.
- Guàrdia, J., Però, M., Solanas, A., Leiva, D., Losada, J. L., Turbany, J., . . . Selvam, R. M. (2012, July). Desenvolupament d'un sistema de seguiment individualitzat del treball no presencial en assignatures d'alta densitat de matrícula: Seguiment automatitzat dels processos d'avaluació continuada amb grups d'alta matriculació. Communication done in VII Congreso Internacional de Docencia Universitaria e Innovación (CIDUI), Barcelona, Spain.
- 2011 Solanas, A., Selvam, R. M., Navarro, J., & Leiva, D. (2011, September). Medición de la diversidad en grupos. Communication done in the XII Congreso de Metodología de las Ciencias Sociales y de la Salud, San Sebastián, Spain.
- 2010 Leiva, D., & de Vries, H. (2010, April). An R package for measuring and testing steepness in dominance hierarchies. Poster presented in the I Joint Conference of the Experimental Psychology Society (EPS) and the Spanish Experimental Psychological Society (SEPEX), Granada, Spain.
- Leiva, D., Solanas, A., de Vries, H., & Kenny, D. A. (2010, August). DyaDA: An R package for dyadic data analysis. Communication done in Measuring Behavior 2010, the 7th Conference on Methods and Techniques in Behavioral Research, Eindhoven, The Netherlands.
- Solanas, A., Manolov, R., Leiva, D., & Andrés, A. (2010, April). Predicting group processes from personality dissimilarity. Communication done in the I Joint Conference of the Experimental Psychology Society (EPS) and the Spanish Experimental Psychological Society (SEPEX), Granada, Spain.
- Manolov, R., Solanas, A., & Leiva, D. (2010, April). Comparing visual effect size indices for single-case designs. Poster presented in the I Joint Conference of the Experimental Psychology Society (EPS) and the Spanish Experimental Psychological Society (SEPEX), Granada, Spain.
- Solanas, A., Leiva, D., & Manolov, R. (2010, August). A dyadic approach for measuring and testing agreement in interpersonal perception. Communication done in Measuring Behavior 2010, the 7th Conference on Methods and Techniques in Behavioral Research, Eindhoven, The Netherlands.

- Andrés, A., Manolov, R., López, O., Andrés, A., Guilera, G., Leiva, D., & Cifre, I. (2010, July). Evaluación de la percepción del alumnado de la implantación del grado en Psicología: El caso de las asignaturas del departamento de Metodología de las Ciencias del Comportamiento. Communication done in the VI Congreso de Docencia Universitaria e Innovación (CIDUI), Barcelona, Spain.
- 2009 Solanas, A., Leiva, D., & Manolov, R. (2009, September). Medida y contraste estadístico de la disimilitud entre percepciones interpersonales. Communication done in the XI Congreso de Metodología de las Ciencias Sociales, Málaga, Spain.
- 2008 Leiva, D., Solanas, A., & Salafranca, Ll. (2008, July a). Una prueba estadística para contrastar la reciprocidad diádica global de un sistema social. Communication done in the VII Congreso de la Sociedad Española de Psicología Experimental (SEPEX), San Sebastián, Spain.
- Leiva, D., Solanas, A., & Salafranca, Ll. (2008, July b). Contraste de hipótesis respecto a la reciprocidad social en distintos niveles de agrupación. Poster presented in the VII Congreso de la Sociedad Española de Psicología Experimental (SEPEX), San Sebastián, Spain.
- Solanas, A., Leiva, D., Sierra, V., & Salafranca, Ll. (2008, August). Measuring Social Reciprocity. Communication done in Measuring Behavior 2008, the 6th Conference on Methods and Techniques in Behavioral Research, Maastricht, The Netherlands.
- 2007 Leiva, D., Solanas, A., & Salafranca, Ll. (2007, February). Una prueba estadística para contrastar la reciprocidad diádica global de un sistema social. Communication done in the X Congreso de Metodología de las Ciencias Sociales y de la Salud, Barcelona, Spain.
- Leiva, D., Solanas, A., & Salafranca, Ll. (2007, July a). A comparison between the Directional Consistency and skew-simmetry indices. Poster presented in the Xth European Congress of Psychology, Prague, Czech Republic.
- Leiva, D., Solanas, A., & Salafranca, Ll. (2007, July b). An SAS program for testing social reciprocity. Poster presented in the Xth European Congress of Psychology, Prague, Czech Republic.
- Solanas, A., Leiva, D., Sierra, V., & Salafranca, Ll. (2007, July). A new statistical method for testing social reciprocity. Communication done in the Xth European Congress of Psychology, Prague, Czech Republic.

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| 2006 | <p>Leiva, D., Solanas, A., & Salafranca, Ll. (2006, June). An overall statistic for testing symmetry in social interactions. Poster presented in the 25th Biennial Meeting of the Society for Multivariate Analysis in the Behavioural Sciences (SMABS) jointly with the 2nd Conference of the European Association of Methodology (EAM), Budapest, Hungary.</p> <p>Leiva, D., Solanas, A., & Salafranca, Ll. (2006, July). Una prueba estadística para contrastar la reciprocidad diádica. Poster presented in the VI Congreso de la Sociedad Española de Psicología Experimental (SEPEX), Santiago de Compostela, Spain.</p> |
| 2005 | <p>Solanas, A., Salafranca, Ll., Riba, C., Sierra, V., & Leiva, D. (2005, August). A measure of group dissimilarity for psychological attributes. Poster presented in Measuring Behavior 2005, the 5th Conference on Methods and Techniques in Behavioral Research, Wageningen, The Netherlands.</p> |
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Teaching Experience

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| 2023–Present | Course: Visualización de datos y reproducibilidad. Program: Master Program in Behavioral Data Sciences. |
| 2023–Present | Course: Fundamentos de modelos estadísticos. Program: Master Program in Behavioural Data Sciences. |
| 2022–Present | Course: Gestión y organización de datos. Program: Master Program in Behavioural Data Sciences. |
| 2022–Present | Course: Bioestadística i Matemàtica Aplicada. Program: Degree in Foods Sciences. |
| 2022–Present | Course: Bioestadística i Matemàtica Aplicada. Program: Degree in Human Nutrition and Dietetics. |
| 2019–2022 | Course: Tools for Data Science. Program: Master Program of Research in Behavior and Cognition. |

2017–2019	Course: Recerca i Anàlisi Multivariat en Psicologia del Treball i de les Organitzacions. Program: Master Erasmus Mundus in <i>Psicologia del Treball, Organitzacions i Recursos Humans</i> .
2017–Present	Course: Seminars in Behavior and Cognition. Program: Master Program of Research in Behavior and Cognition.
2016	Course: Bases metodològiques en recerca en ciències de la salut. Program: Master <i>Medicaments, Salut i Sistema Sanitari</i> .
2016–Present	Course: Aplicacions de la Bioestadística a la salut. Program: Master <i>Lideratge i Gestió dels Serveis d’Infermeria</i> .
2015–Present	Course: Regression analysis and the general linear model. Program: Master Program of Research in Behavior and Cognition.
2014–2019	Course: Metodologies quantitatives i qualitatives en investigació psicogerontològica. Program: Master in <i>Psicogerontología</i> .
2013–2019	Course: Anàlisi de les xarxes socials. Program: Degree in Psychology.
2012–2019	Course: Workshop on data analysis. Program: Master Program of Research in Behavior and Cognition.
2011–2018	Course: Treball Fi de Grau. Program: Degree in Psychology.
2011–2018	Course: Pràcticum. Program: Degree in Psychology.
2009–Present	Course: Tècniques de Recerca. Program: Degree in Psychology.
2009–Present	Course: Estadística. Program: Degree in Psychology.
2010–2019	Course: Recerca II. Program: Master Erasmus Mundus in <i>Psicologia del Treball, Organitzacions i Recursos Humans</i> .
2011–2014	Course: Mètodes i tècniques quantitatives d’anàlisi de dades. Program: Master in <i>Psicogerontología</i> .
2010–2013	Course: Anàlisi de les relacions socials. Program: Degree in Psychology.
2010–2013	Course: Tècniques quantitatives multivariants. Program: Master in <i>Intervenció Psicosocial</i> .
2010–2012	Course: Mètodes i tècniques d’investigació social. Program: Degree in Social Work.

2009–2011	Course: Dissenys de recerca. Program: Degree in Psychology.
2010–2011	Course: Psicometria. Program: Degree in Psychology.
2010–2011	Course: Psicometria. Program: Degree in Psychology.
2009–2010	Course: Mètodes, dissenys i tècniques de recerca psicològica. Program: Degree in Educational Sciences.
2008–2009	Course: Psicometria. Program: Degree in Psychology.
2008–2009	Course: Dissenys experimentals i aplicats. Program: Degree in Psychology.
2006–2007	Course: Psicometria. Program: Degree in Psychology.
2005–2009	Course: Anàlisi de dades en Psicologia. Program: Degree in Psychology.

Seminars and courses

Research Methods in Cyberspace, Behavior and e-Therapy. Course organized by the *School of Psychology and Life Sciences* of the University Lusfona of Lisbon. 12 hours, taught in November 2022.

Curso de análisis de datos y modelos TRI con R. Course organized by the *Dpto. de Psicología del Desarrollo* of the University of Santiago de Compostela. 12 hours, taught in January 2018.

Curso de análisis de datos con R. Course organized by the *Dpto. de Metodología de las Cc. del Comportamiento*. 20 hours, taught in July 2015 jointly with Dr. Rumen Manolov.

Introducció a les eines estadístiques bàsiques. Course organized by the *ICE-UB*. 20 hours, taught in June 2015, jointly with Dr. Joan Guàrdia i Olmos, Dr. Maribel Però Cebollero, and Dr. Rumen Manolov.

Taller de anàlisi de dades con R y R-Commander. Course organized by the *Dpto. de Psicología Evolutiva*. 12 hours taught in November 2014 jointly with Dr. Rumen Manolov.

Introducció a les eines estadístiques bàsiques. Course organized by the *ICE-UB*. 20 hours taught in 2014 jointly with Dr. Joan Guàrdia i Olmos, Dr. Maribel Però Cebollero, and Dr. Rumen Manolov.

Competències transversals del Grau de Psicologia: com les ensenyem i com les evaluem. Workshop organized by the *ICE-UB*. 4.5 hours taught in February 2013 jointly with other lecturers and associate professors from the University of Barcelona.

New Plug-in in R-Commander. Workshop of 1 hour included in the *Advanced seminar in R-Commander* organized by the *Dpto. de Metodología de las Ciencias del Comportamiento* in October 2012.

Introducció a les eines estadístiques bàsiques. Course organized by the *ICE-UB*. 20 hours taught in January 2012 jointly with Dr. Joan Guàrdia i Olmos and Dr. Maribel Però Cebollero.

Introducció a les tècniques d'anàlisi de dades multivariants. Course organized by the *ICE-UB*. 20 hours taught in January 2012 jointly with Dr. Joan Guàrdia i Olmos and Dr. Maribel Però Cebollero.

Tècniques estadístiques multivariants. Course organized by the *ICE-UB*. 20 hours taught in June-July 2011 jointly with Dr. Joan Guàrdia i Olmos and Dr. Maribel Però Cebollero.

Introducció a les eines estadístiques bàsiques. Course organized by the *ICE-UB*. 20 hours taught in January 2011 jointly with Dr. Joan Guàrdia i Olmos and Dr. Maribel Però Cebollero.

Curso básico de R. Workshop of 6 hours taught in June 2010 in the *Dpto. de Metodología de las Ciencias del Comportamiento*.

Other merits

Statistical software development:

Peró, M., Leiva, D., Solanas, A., & Guàrdia, J. (2022). RcmdrPlugin.EACSPIR: Plugin de R-Commander para el manual EACSPIR [Computer software manual]. Retrieved from <https://cran.r-project.org/web/packages/RcmdrPlugin.EACSPIR> (R package version 0.2-3)

Leiva, D., & de Vries, H. (2022). steepness: Testing Steepness of Dominance Hierarchies [Computer software manual]. Retrieved from <http://cran.r-project.org/web/packages/steepness> (R package version 0.3-0)

Leiva, D., & de Vries, H. (2014). RcmdrPlugin.steepness: Steepness Rcmdr Plug-in [Computer software manual]. Retrieved from <https://github.com/DLEIVA/RcmdrPlugin.steepness> (R package version 0.3-2)

Languages

English: C2.2

Spanish: Native bilingual.

Catalan: Native bilingual.

French: B2.1