





Turno de acceso general

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Título:

Primary and Secondary language Pathologies: theoretical and clinical aspects

Resumen de la Memoria:

I have been in contact with people with language disorders from birth. This moved me to pursue a Phd thesis on production deficits in agrammatic speakers of Catalan, Galician and Spanish (European PhD, Cum Laude, Extraordinary Doctorate Prize) at the UAB (2010). This piece of work constituted the first systematic attempt to characterize grammatical deficits across Ibero-romance varieties through structured tasks and its impact allowed me to get my first 2 competitive postdoctoral projects at the UPF (A4U 2010-12; 53.438) and the RuG and the UB (Beatriu de Pinòs 2013-15; 101.277,57). There I could develop a more ambitious series of studies beyond Ibero-Romance varieties: cross-linguistic studies of aphasia in monolinguals and bilinguals, contributing to the characterization of unexplored languages (e.g. Akan, Western Greenlandic) and bilingual phenomena (e.g. Spanish-Catalan). These morphosyntactic explorations of aphasia have resulted into the publication of 16 articles in the most relevant peer reviewed journals of my discipline (e.g. Aphasiology, Journal of Neurolinguistics, Journal of Psycholinguistic research) (+2 submitted) and in 12 book chapters (e.g. Studies of Mind and Language).

In 2016-2018, Prof. K.Boye invited me to join the PROGRAM project funded by the UCPH Excellence Programme. There, I was responsible for the aphasia agenda and had the opportunity to explore the informativeness of aphasia for theoretical proposals of language within the Generative tradition and Usage-based models, captured in 2 articles (+ 1 submitted to Cognitive Linguistics) and a new book chapter. This line has attracted a lot of attention among researchers in Cognitive linguistics.

Currently, I am a postdoc at the UT2J, where I combine research on aphasia (AADI project) with a new series of international collaborative studies aimed at addressing the following challenges: a) the adaptation of assessment tools to Spanish (so far captured by 2 articles in Behavior Research Methods and Clinical Linguistics & Phonetics (+ 4 submitted) and 7 test adaptations), and b) the study of other primary and secondary underrepresented language disorders (e.g. dementia, brain tumours and vascular malformations) (1 article in Dyslexia (+ 1 submitted) and 2 additional book chapters).

Resumen del Currículum Vitae:

Graduated in English Philology (U. Santiago de Compostela), I finished my PhD in Cognitive Science and Language at the U. Autònoma of Barcelona (2010) (European PhD, Cum Laude, Extraordinary Prize). After that, I successfully completed 3 postdoctoral fellowships almost entirely financed by competitive grants at the U. Pompeu Fabra (Alianza 4 Universidades, 2011-12), at the U. Groningen (RuG) and U. Barcelona (Beatriu de Pinòs A&B, 2013-15), and at the U. Copenhagen (UCPH) (headhunted, 2016-18), where I have been working in close contact with speech and language therapists, linguists, psychologists, and neurologists in highly multidisciplinary (mostly) international projects. Currently, I work at the U. de Toulouse Jean-Jaurès (UT2J) (2020-2022).

The resulting cross-linguistic work, comprising more than 50 publications, have been disseminated in top impact factor journals in clinical linguistics such as Behavior Research Methods, Aphasiology and Journal of Neurolinguistics and, despite the reduced relative size of the fieldwork, have brought about an increasing number of citations (Google Scholar: 248, h-index: 10, i -10 index: 10) by highly reputed aphasiologists such as Profs. H. Clahsen and Y. Faroqui-Shah. The impact of these results have facilitated fruitful ongoing collaborations with top neuroscientists and (clinical) linguists such as Profs. R. Bastiaanse, K. Boye, D. Howard and C.K. Thompson, international invitations from e.g. Yale and the Northwestern University (US), the Pontificia U. Católica de Chile and the National Research University in Moscow, and periods abroad (e.g. U. Siena, U. Novi Sad). International dissemination of the results was granted by more than 100 presentations in the most relevant international platforms in the field (e.g. Science of Aphasia where I am also a program committee member , and Academy of Aphasia where I am an associate member).

As an experienced clinical linguist, I have coordinated (n = 3) and participated in highly innovative multidisciplinary (mostly) international projects (e.g. COST, FEDER, CIENCIA) (n = 11). This has allowed me to create an active solid international network (e.g. members of Erasmus + and Erasmus Phd programs, Pontificia U. Católica de Chile, U. Basque Country) and to consolidate my independence as a researcher. The international recognition of my work is further confirmed by numerous review requests (C.5.1.), the participation in scientific and organizing committees (C.5.2., C.6.), and my role as editor (e.g. Studies in Language and Mind series), supervisor (MA theses and interns, A.3.3.), coordinator (Spring School on Psycholinguistics, Neurolinguistics and Clinical Linguistics, U. of Novi Sad) and teacher (e.g.







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Neurolinguistics, Clinical Linguistics, C.4.) but also by the participation as a member of multiple Phd and MA committees in several international universities (n = 15). Finally, this wouldn t be possible without developing invaluable management skills (via the administration of postdoctoral grants, research projects and as a technician of research support). These include: 1) missions related to the development and coordination of projects (University, companies, external institutions); 2) budget forecasting and control; and the 3) the organization of conferences and seminars and the coordination of visiting professors and students.







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Título:

Cognitive Bases and Social Consequences of Moral Disagreement

Resumen de la Memoria:

Ivar Rodríguez Hannikainen received his PhD in Philosophy from the University of Sheffield (2014), and has been a visiting fellow in the Moral Cognition Lab at Harvard University (2011) and Moral Psychology Research Lab at Brown University (2012). After receiving his PhD, Ivar held a postdoctoral position at the Department of Law at the Pontifical Catholic University of Rio de Janeiro (2015-2016), a fellowship at Getulio Vargas Foundation (2016), and an assistant professorship in the Department of Law at the Pontifical Catholic University of Rio de Janeiro (2017-2019). In January of 2020, Ivar took up a Juan de la Cierva Incorporación fellowship at the University of Granada.

My research trajectory can be summarized by a twofold focus on the moral mind. On one hand, much of my research has sought to understand how people make the moral decisions they make. This work has inevitably led me to explore the role of affect, differences between progressives and conservatives, whether moral reflection can influence people's disagreement, as well as the roles of culture and individual volition. On the other hand, my research on the downstream effects of moral cognition has uncovered some of the perverse effects of moral cognition: on societal tolerance, on scientific literacy, and in the functioning of public institutions. Below, I describe these parallel lines of research and some of the accomplishments along the way.

Resumen del Currículum Vitae:

Ivar Rodríguez Hannikainen received his PhD in Philosophy from the University of Sheffield (2014), and has been a visiting fellow in the Moral Cognition Lab at Harvard University (2011) and Moral Psychology Research Lab at Brown University (2012). After receiving his PhD, Ivar held a postdoctoral position at the Department of Law at the Pontifical Catholic University of Rio de Janeiro (2015-2016), a fellowship at Getulio Vargas Foundation (2016), and an assistant professorship in the Department of Law at the Pontifical Catholic University of Rio de Janeiro (2017-2019). In January of 2020, Ivar took up a Juan de la Cierva Incorporación fellowship at the University of Granada.

Although his formal training is in analytic philosophy, throughout his career, Ivar has been heavily invested in interdisciplinary projects involving both psychology and law departments. Most of his research is published in social psychology and cognitive science journals, such as Cognition, Journal of Experimental Social Psychology, Cognitive Science, and Social Psychological and Personality Science. His work has also been covered on numerous occasions in the mainstream (e.g., El País, The Irish Times) and popular science (e.g., Scientific American, Psychology Today) media. Ivar has given invited lectures in the United States (Yale University, Harvard University), Mexico (UNAM), Colombia (Universidad Nacional), Morocco (Universite Polytechnique Mohammed VI), and the Czech Republic (Charles University).







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Nombre:VENTURI , GIORGIOReferencia:RYC2020-029584-IÁrea Temática:Mente, lenguaje y pensamientoCorreo Electrónico:gio.venturi@gmail.com

Título:

Logic and Foundations of mathematics

Resumen de la Memoria:

The center of my research interests lies in logic and the foundations of mathematics, which I have approached both from a philosophical and a mathematical perspective. During my PhD (in both philosophy and mathematics) I worked on the problem of independence in mathematics and, more specifically, on the topic of the extension of our standard mathematical theory of infinity (ZFC). This brought me to investigate difficult technical issues on the theory of forcing and deep philosophical problems on the justification of new axioms of set theory. The years of my PhD (2009-2014) have been fundamental to sharpen my philosophical expertise and to strengthen my technical skills.

Right after the defense of my PhD I took up a postdoc position at the Center for Logic, Epistemology, and the History of Science (CLE) at the University of Campinas. During the years of my postdoc (2014-2016) I expanded my areas of research, applying the set theoretical expertise acquired during my PhD to the study of non-classical and modal logics. In that period the CLE was a lively and active center of research that fostered collaborations. It dates back to that period the collaboration with David Gilbert (another postdoc at CLE, now Professor at the University of British Columbia), which started a fruitful line of research on non-normal modal logics that is still active today and on which a Research Project, funded by CNPq during the years 2019-2020, was based. During the time of my postdoc I have also been visiting researcher (for 12 months) at the Institut d'Histoire et de Philosophie des Sciences et des Techniques (IHPST), where I deepen my expertise in the philosophy of mathematics, collaborating with some of the leading figures of the philosophy of mathematical practice (Marco Panza, Paolo Mancosu, and José Ferreirós).

Since 2017 I am Assistant Professor at the Philosophy Department of the University of Campinas. Besides the normal duties of teaching and administration I have been developing three new important lines of research within a Research Project, generously funded by a Jovem Pesquisador FAPESP grant (JP) for the years 2017-2021. Both lines of research have roots in my previous work, but they are also highly innovative in proposing completely original approaches to the foundations of mathematics. The first line consists of a linguistic analysis of mathematical language, from the perspective of Searle's speech act theory. From simple assertions and requests, to institutions and marriages, language is able to modify our world and to create new objective layers of reality. This line of research attempts to answer the following question: what do we do with words in mathematics? The aim of this study is to propose a novel epistemology for mathematics, based on linguistic creativity in mathematics. The second line of research consists of an application of model theory to the study of the models of set theory. The perspective offered by this work is able to restructure the research in set theory of the last decades and to offer a new solution to one the most important problem of set theory: the Continuum Hypothesis. The third line consists in the construction of non-classical models of ZFC. The aim of this work is to challenge the prominent role of classical logic in the study of ZFC extending to non classical logic the study of mathematical independence.

Resumen del Currículum Vitae:

From my undergraduate to my PhD I have pursued an education in both philosophy and mathematics (BA in Philosophy 2005, BA in Mathematics 2007, MA in mathematics 2009, from the University of Torino, PhD in Philosophy 2014, from Scuola Normale Superiore, PhD in Mathematics 2014, from Université Paris Diderot).

Before joining the Philosophy Department of the University of Campinas (Unicamp) in 2017, I have been FAPESP Postdoctoral Fellow at the Center for Logic at Unicamp (2014-2017), Visiting Researcher at the Institut d Histoire et de Philosophie des Sciences et des Techniques in Paris (2015-2016), and Temporary Lecturer (ATER) at the Department of Mathematics of Paris 7 (2013-2014).

At Unicamp, I regularly teach two undergraduate and two graduate classes per year on the topic of Classical Logic, Non-classical Logics, Modal Logic, Philosophy of Mathematics, Philosophy of Logic, History of Mathematics, Set Theory, and Model Theory. Since 2018 I am also co-coordinator of the undergraduate program in philosophy at Unicamp.

Since 2017 I am Principal Investigator of a Jovem Pesquisador project generously funded by FAPESP and I am directing a research group on Logic and Foundations of Mathematics. Within this project I have been directing students at the level of Undergraduate, Master, PhD, and Postdoc. I also directed a smaller project funded by CNPq (on the topic of modal logic) and I am associated researcher to other Brazilian







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research projects.

I regularly publish in world-leading journals in logic, philosophy, and foundations of mathematics such as: Review of Symbolic Logic, Notre Dame Journal of Formal Logic, Studia Logica, Synthese, Journal of Philosophical Logic, Journal of Symbolic Logic, Logic and Logical Philosophy, Australasian Journal of Logic, Logique et Analyse, Logic Journal of the IGPL, Journal of Pragmatics, Mathematical Logic Quarterly. Since 2014 I published 24 journal articles, 5 book chapters, and I edited one book.

I regularly lecture on the topic of my research, having been invited speaker at 12 conferences since 2016 and having been invited to give seminars 18 times since 2016 in Brazil, Argentina, Uruguay, France, England, Italy, Spain, Germany, Austria, Belgium, and Poland.

In the last few years I have been also active in attracting funds and in organizing conferences as Cantor meets Robinson Campinas 2018 (https://cantormeetsrobinson.wordpress.com), Speaking the unspeakable. Paradoxes between truth and proof Campinas 2019 (https://speaktheunspeakable.wordpress.com), and Workshop in set theory and the philosophy of mathematics, Paris 2020 (https://philsettheo.wordpress.com).

I won three times the prize of the Italian Logical Association (AILA) for my undergraduate and master theses. Moreover, in 2020, I have been awarded the Bolsa de Produtividade em Pesquisa from CNPq.

I am member of different scientific associations like: Association for Symbolic Logic (ASL), Associazione Italiana di Logica e sue Applicazioni (AILA), Association for the Philosophy of Mathematical Practice (APMP), European Set Theory Society (ESTS), Latin American Association for Analytic Philosophy (ALFAn). Moreover, with other colleagues in 2013 I funded the Italian Network for the Philosophy of Mathematics (https://filmatnetwork.com/).







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Título:

Rethinking randomised controlled trials: Causal claims, the reproducibility crisis, and combining methods

Resumen de la Memoria:

I research primarily in philosophy of science and philosophy of scientific methodology, currently as a Beatriu de Pinós/Marie Curie Fellow (COFUND scheme). My research focuses broadly on studying the foundations and epistemic limits of scientific methods and the sciences. My research aims to provide a broader and deeper understanding about the sciences by outlining the epistemic assumptions, biases and limitations of leading scientific methods, especially statistical methods, and thus outlining the limits of the evidence and theories we create using these methods, on one hand. On the other, it aims to thereby outline concrete ways to improve leading methods and thus the sciences. I do this combining my background in philosophy and in applied experimental research.

More specifically, one area of my research critically studies from philosophical and methodological perspectives simultaneously the assumptions and shortcomings of the leading method used across the biomedical, behavioural and social sciences, namely statistical methods and especially randomised controlled trials (commonly viewed as the gold standard across these sciences). I outline the methodological constraints in estimating causal results, and illustrate that causal relationships that scientists estimate cannot be viewed separately from the methods they use to generate them. The other interrelated area of my research critically studies how we acquire knowledge about the world using methods by combining philosophical insights with insights and methods from across scientific fields to provide a broader understanding about the boundaries of knowledge and how to push those boundaries. I outline this broader research agenda in greater detail below.

Resumen del Currículum Vitae:

I research in philosophy of science and philosophy of scientific methodology. I am presently a Beatriu de Pinós/Marie Curie Fellow (COFUND) in the Department of Philosophy at the University of Barcelona. Prior to this, I was a Marie Curie Research Fellow (2017-2018) in the Department of Philosophy, Logic & Scientific Method at the London School of Economics. I was also an Adjunct Lecturer at the University College London (2015-2017).

As to my academic background, I received a Bachelor s in Philosophy from the University of Central Florida (US), and a Master s in Philosophy and in Political Science and Theory from the University of Heidelberg (Germany). Throughout my studies I specialised in philosophy of science. I then wanted to apply what I learned in philosophy of science, and thus on the foundations, methods and implications of the sciences, in real-world research. I worked conducting statistical research with the World Bank for five years and combined this full-time work with a PhD in Applied Statistics and Development Economics (from the University of Leipzig (Germany) in collaboration with Harvard University (US)). With the World Bank, I conducted research in applied statistics, economics and behavioural sciences, especially quantitative and qualitative evaluations of the causal effects of public policies and reforms (on health, poverty, education etc.) and other analyses on inequality, distribution and ethical topics. Over time, I became more aware about the underlying assumptions, biases and limitations of the leading methods I used on a daily basis to study economic, social and behavioural phenomena, and aware about the problems related to the causal results and epistemic claims I derived from experiments and models used to inform the decisions of practitioners and policymakers. I also realised that researchers are too occupied conducting research everyday and do not have the time to step back and study the big epistemic questions about the foundation and limits of their research and the sciences; about what evidence and scientific validity are; and about how we can better understand methods to provide better evidence. I then left the World Bank and transitioned back into philosophy of science and of scientific methodology in 2015 to address such questions and outline the underlying assumptions, biases and limitations of leading scientific methods I used and how to improve such methods. This applied research and concrete experience has been crucial, and given me a unique perspective, to be able to critically study scientific methods from philosophical and methodological perspectives simultaneously.

In terms of my long-term goals I would like to see myself as a leader in the field of philosophy of science, providing a comprehensive understanding about the epistemic limits of scientific methods, and outlining ways to improve them. I am making an initial impact on methodological and scientific debates among philosophers and scientists through my articles.

The RyC Programme would allow me to fully focus on this larger research agenda that I strongly believe can have an important impact on how philosophers and scientists understand scientific methods and the sciences. The RyC Programme would also help incorporate me into







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the Spanish university system and thus provide the ideal conditions to achieve my research and career goals.







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Título:

Prosodic phonology and constraint-based grammars

Resumen de la Memoria:

My research interests lie in the field of theoretical phonology, particularly metrical and prosodic

phonology and the syntax-phonology interface. I address these topics using the tools developed in formal linguistics, in particular constraint-based grammars. Empirically, I focus mainly, although not solely, on Romance languages, especially endangered and minoritized varieties. I am also interested in experimental methods that can help solve theoretical linguistics questions. As a formal phonologist, my research during the last few years has focused on the following five theoretical subjects, which sometimes overlap: phonologically-conditioned allomorphy, metrical and prosodic phonology, prosodic morphology, phonological opacity, and serial versions of constraint-based grammars (Harmonic Serialism and OT with Candidate Chains). Empirically, my research has mainly been directed towards the following major areas, among other (related) topics: stress-dependent vowel harmony, pronominal enclisis, metrically-conditioned segmental phenomena, and truncation. My research track record includes 36 publications, including 9 international journal papers in the first quartile (SJR) (3 in the first quartile according to JCR): Linguistics (1), Natural Language and Linguistic Theory (3), Journal of Linguistics (2), Linguistic Inquiry (1) and Language and Speech (1), and one book review in Phonology. I have co-edited a book on Metaphony in the languages of Italy for Mouton De Gruyter, and two volumes of the Catalan Journal of Linguistics. I have also contributed chapters to reference handbooks like The Routledge Handbook of Spanish Morphology, The Routledge Handbook of Spanish Phonology, The Cambridge Handbook of Romance Linguistics and Harmonic Grammar and Harmonic Serialism. My current research is rooted in formal phonology but also expands into experimental areas such as sound change in situations of language contact, thanks to my collaborations with Prof. Silke Hamann of the University of Amsterdam, and Artificial Language Learning, thanks to my collaborations with Dr. Benjamin Storme of the University of Lausanne.

Resumen del Currículum Vitae:

I obtained my PhD in Cognitive Science and Language in 2012 from the UAB (Cum Laude). My dissertation, entitled Syllabification and opacity in Harmonic Serialism, was one of the first studies exploring phonological opacity within Harmonic Serialism, a constraint-based derivational framework. That same year I was awarded a Rubicon Postdoctoral Research Fellowship to spend 2 years at the Meertens Institute in Amsterdam. There I conducted research on theoretical phonology with Marc van Oostendorp and Ben Hermans. From 2013 to 2015 I was Associate Professor of Hispanic Linguistics and Spanish at the Vrije Universiteit Amsterdam. In 2015 I gained a permanent position as researcher at the CNRS, associated to the lab Structures Formelles du Langage. My research interests lie primarily in the area of formal phonology, more specifically metrical and prosodic phonology, constraint-based grammars, the interface of phonology with phonetics and syntax, and the phonology of Romance languages, but also artificial language learning and the sociolinguistics of endangered and minoritized Romance languages and varieties. My research track record includes 36 publications, including 9 international journal papers in the first quartile (SJR): Linguistics (1), Natural Language and Linguistic Theory (3), Journal of Linguistics (2), Linguistic Inquiry (1) and Language and Speech (1), and one book review in Phonology. I have co-edited a book on Metaphony in the languages of Italy for Mouton De Gruyter, and two volumes of the Catalan Journal of Linguistics. I have contributed chapters to reference handbooks like The Routledge Handbook of Spanish Morphology, The Routledge Handbook of Spanish Phonology, The Cambridge Handbook of Romance Linguistics and Harmonic Grammar and Harmonic Serialism. I have presented my research as oral talks in 34 international conferences, including the Manchester Phonology Meeting (9), the Old World Conference in Phonology (5), the Annual Meeting of Phonology (2), the Linguistic Symposium on Romance Languages (2), Going Romance (1), the conference of the Hispanic Linguistics Society (1), the Conference on Laboratory Phonology (1), and the conference of the Israeli Association of Theoretical Linguistics (1). I have organized several international scientific events, including the Old World Conference in Phonology, Going Romance, the Rencontres de Linguistique Formelle and the Réseau Français de Phonologie. I have served as reviewer for several journals, including Natural Language and Linguistic Theory, Phonology, Probus, Journal of the International Phonetic Association, Poznan Studies in Contemporary Linguistics, Glossa and Lingua, and for international conferences like Generative Linguistics in the Old World, the conference of the North East Linguistics Society, the Manchester Phonology Meeting, the Old World Conference in Phonology and the Linguistic Symposium on Romance Languages. I am a member of the scientific committee of the Réseau français de phonologie, and of the advisory board of the Manchester Phonology Meeting. I am also a member of the editorial board of Isogloss: Open Journal of Romance Linguistics, and, since 2018, a member of the editorial team of Linguistic Inquiry, Squibs & Discussion (MIT Press).