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Advancing the evaluation of graduate education: towards a multidimensional model in Brazil

Brasil Varandas Pinto, A.L.

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André Brasil

Advancing the evaluation of graduate education

Towards a multidimensional model in Brazil

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**Advancing the evaluation of graduate education:
Towards a multidimensional model in Brazil**

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Promotor

Prof.dr. S. de Rijcke

Copromotor

Dr. E.C.M. Noijons

Promotiecommissie

Prof.dr. P.F. Wouters (decaan/voorzitter)

Prof.dr. L.R. Waltman

Dr. T. van Leeuwen

Prof.dr. M. Jacob (Lund University, Sweden)

Prof.dr. R.E. Verhine (Federal University of Bahia, Brazil)

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Pursuing a doctorate has been a long-standing personal ambition, which I often feared was delayed too long. However, the experience I have gained over the years, particularly during my decade as a policy officer at the Brazilian Agency for Support and Evaluation of Graduate Education (CAPES), has undoubtedly enriched this academic pursuit. At CAPES, I assumed numerous leadership roles within the country's evaluation system and contributed to significant discussions about the trajectories of research and graduate education in Brazil. Although those experiences alone merit immense gratitude, it is worth noting that without the financial support and leave granted by CAPES, this PhD journey would not have been possible.

The initial foundation for my PhD was laid as I represented CAPES in the 21st International Conference on Science, Technology, and Innovation Indicators (STI 2016). My mission was twofold: to foster connections with the authors of the Leiden Manifesto, a document deeply resonant within Brazilian science policy, and to engage the broader research evaluation community. Of these interactions, my dialogue with Ed Noijons stands out. His deep understanding of the Brazilian research landscape and his enthusiasm for deeper exploration made me realise that he would be an ideal guide for my doctoral journey.

And so it was. Upon completing my ongoing master's degree, I approached Ed with a PhD proposal aimed at enhancing the evaluation of research and graduate education in Brazil. Ed opened the doors of CWTS to me. With his mentorship, unwavering support, and trust in the unique perspective my policy experience offered, I found the motivation to continue moving forward.

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Indeed, while the doctoral journey was intrinsically rewarding, my time at CWTS has been enriched by my involvement in various projects. One pivotal experience was collaborating with Rodrigo Costas, Tjitske Holtrop, and Leonie van Drooge in the working group that assisted our board of directors in formulating the centre's self-assessment. The insights and knowledge derived from this venture significantly shaped multiple chapters of my dissertation.

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List of Abbreviations

ABC	Brazilian Academy of Sciences
ABE	Brazilian Education Association
ANPEd	National Association of Research and Graduate Studies On Education
APCs	Article Processing Charges
API	Application Programming Interface
BNDE	National Bank for Economic Development
CAPES	Brazilian Agency for Support and Evaluation of Graduate Education
CDI	Commission for Industrial Development
CFE	Federal Education Council
CNE	National Education Council
CNPq	National Council of Graduate Education
CNPq	Brazilian National Council for Scientific and Technological Development
CONFAP	National Council of State Funding Agencies
CRAN	Comprehensive R Archive Network
CRIS	Current Research Information System
CSV	Comma-separated Values
CTC	Technical & Scientific Council
CWTS	Centre for Science and Technology Studies
DOAJ	Directory of Open Access Journals

DOI	Digital Object Identifier
ESPM	Higher School of Advertising and Marketing
FINEP	Funding Authority for Studies and Projects
Fiocruz	Oswaldo Cruz Foundation
FOPROP	National Forum of Pro-Rectors for Research and Graduate Education
GDPR	General Data Protection Regulation
GTC	Technical Advisory Group
HBO	Applied Sciences Universities (<i>hoger beroepsonderwijs</i>)
HEI	Higher Education Institution
IBGE	Brazilian Institute of Geography and Statistics
INEP	National Institute of Educational Studies and Research
ISCED	International Standard Classification of Education
KNAW	Royal Netherlands Academy of Arts and Sciences
Latindex	Regional Cooperative Online Information System for Scholarly Journals From Latin America, the Caribbean, Spain and Portugal
LGPD	General Data Protection Law
MEC	Ministry of Education and Culture
MNCS	Mean Normalised Citation Score
NSF	National Science Foundation
NWO	Netherlands Organisation for Scientific Research
OECD	Organisation for Economic Co-operation and Development
PDI	Institutional Development Plan
PNPG	National Plan for Graduate Education
PPG	Graduate Program
PPP	Purchasing Power Parity

RedALyC	Network of Scientific Journals of Latin America and the Caribbean
RoR	Research On Research
SBPC	Brazilian Society for the Advancement of Science
SciELO	Scientific Electronic Library Online
SEP	Strategy Evaluation Protocol
SNPG	Brazilian National System of Graduate Education
SoSP	Science of Science Policy
UMR	U-Multirank
UnB	University of Brasília
UNESP	São Paulo State University
UNL	Universities of the Netherlands
USP	University of São Paulo
VSNU	Association of Universities in the Netherlands
WO	Research Universities (<i>wetenschappelijk onderwijs</i>)
WoS	Web of Science

