

## CAQDAS in discursive textual analysis: possible applications in qualitative studies

Marlubia Correa de Paula<sup>1</sup>, Lori Viali<sup>2</sup>,  
Gleny Terezinha Duro Guimaraes<sup>3</sup>

<sup>1</sup> Ph.D. student in Education in Sciences and Mathematics, marlubia.paula@acad.pucrs.br

<sup>2</sup> Full Professor at the Department of Mathematics and Permanent Professor at the Education in Sciences and Mathematics Graduate Program at PUCRS. Full Professor of the Mathematics and Statistics Institute of UFRGS, viali@pucrs.br

<sup>3</sup> Ph.D. in Social Work in PUCSP and post-Ph.D. in the Catholic Portuguese University, in Lisbon. Full Professor of Social Work at the School of Humanities of PUCRS. Coordinator of the Study and Research Group on Routine, Work, and Territory, gleny@pucrs.br

**Abstract:** This article presents a possibility of using Discursive Textual Analysis (DTA) with the use of CAQDAS (*Computer Assisted Qualitative Data Analysis Software*), in particular, the Sphinx Lexica. It is a qualitative study based on an empirical research whose instrument of data collection is formed by a questionnaire applied to 24 high school teachers. It concludes that the application of DTA with CAQDAS offers a greater quality in the data analysis and enables new understandings of the phenomenon studied to emerge.

**Key-words:** CAQDAS; Sphinx; textual analysis; categories; comparison.

This paper was published in Springer Book “[Computer Supported Qualitative Research](#)” Edited by António Pedro Costa, Luís Paulo Reis, Francislê Neri de Souza and António Moreira.

### References

1. Kelle, U. Capabilities for theory building & hypothesis testing in software for computer aided qualitative data analysis. Data Archive Bulletin May, (65), <https://www.surrey.ac.uk/sociology/research/researchcentres/caqdas/files/kellecapabilities.pdf> (1997b)
2. Lee, R. M., & Fielding, N. G. Users' experiences of qualitative data analysis software. In KELLE, U. (Ed.) Computer-aided qualitative data analysis: Theory, methods and practices. London: Sage (1998)
3. Moraes, R., & Galiazzzi, M. C. Análise textual discursiva. 2a ed. Ijuí: Ed. Unijuí (2011)
4. Paula, M.C. Um novo olhar sobre a transposição didática: o início de uma proposta. Porto Alegre, 2014. Dissertação (Mestrado em Educação) Faculdade de Educação, Programa de Pós-Graduação em Educação em Ciências e Matemática. PUCRS. 2014. 174f,



5. Paula, M.C., Viali, L., & Guimarães, G.T.D. Análise textual discursiva com apoio do software SPHINX. In Actas del 4º Congresso Ibero Americano en Investigación Cualitativa y del 6º Simpósio de Internacional de Educação. Universidade Tiradentes – Aracajú, <http://proceedings.ciaiq.org/index.php/ciaiq2015/article/view/274/270> (2015)
6. Paula, M.C., Viali, L., Guimarães, G. T. D. Pesquisa qualitativa como área para um crescente uso de CADQAS na análise textual. In Actas del 5º Congreso Ibero-American en Investigación Cualitativa y del 1st International Symposium on Qualitative Research. Universidade Lusófona do Porto(ULP). Porto, <http://proceedings.ciaiq.org/index.php/ciaiq2016/article/view/646> (2016a)
7. Paula, M.C., Viali, L., & Guimarães, G. T. D. Pesquisa Qualitativa e o uso de CAQDAS na análise textual: levantamento de uma década. In Internet Latent Corpus Journal [online], 6(2), <http://revistas.ua.pt/index.php/ilcj/article/view/4534> (2016b)
8. Santaella, L. Comunicação ubíqua: Repercussões na cultura e na educação. São Paulo: Paulus (2013)
9. Kelle, U. Theory building in qualitative research and computer programs for the management of textual data. Sociological Research Online [On Line], 2(2), <http://www.socreonline.org.uk/socreonline/2/2/1.html> (1997a)
10. Barry, C. Choosing qualitative analysis data software: Atlas/ti and nudist compared. Sociological Research Online [On Line], 3(3). Retrieved from <http://www.socreonline.org.uk/socreonline/3/3/4.html> (1998)
11. Sphinx Brasil. Soluções para coleta e análise de dados, <http://www.sphinxbrasil.com/produto/versoes-anteriores>

