

Matthias Templ

Curriculum Vitae

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Personal Data

Born August 15, 1975 in Steyr, Austria
Nationality Austria

Education and Qualifications

1997 General qualification for university entrance at Johannes Kepler University Linz
2003 Master in technical mathematics / mathematics in economics at Vienna University of Technology.
2009 PhD in technical mathematics at Vienna University of Technology
2013 Venia Legendi (habilitation) in Statistics at Vienna University of Technology

Current Positions

2004 – **Employee** at Statistics Austria, Methods Unit.
2011 – **Firm Owner** (together with Bernhard Meindl and Alexander Kowarik) of data-analysis OG
2013 – **Associated Professor** at the Dep. of Statistics and Probability Theory, Vienna Univ. of Techn.
2013 – **Associate Editor**, *Springers Journal*, *Wirtschafts- und Sozialstatistische Archiv*
2012 – **Associate Editor**, *Transactions on Data Privacy*
2014 – **Editor-in-Chief**, *Austrian Journal of Statistics*

Membership of Associations and Awards

- **Mentor** at the Google Summer Schools of Code in 2012, 2013 and 2014
- **Member** of the Board of the Austrian Society for Statistics
- **Award** of the Austrian Society for Statistics for the best PhD thesis in applied/computational statistics
- **Member** of the Editorial Board of the JWARP journal

Organisation of Scientific Events

- **Organizer** of the *International Conference on Indicators and Survey Methodology*, February 24.-26., 2010, held at the Vienna University of Technology. Visit: <http://www.statistik.tuwien.ac.at/ameli>
- **Organizer** of an international meeting of the AMELI (*Advanced Methodology of European Laeken Indicators*) team in February 22.-23, 2010, held at the Vienna University of Technology.
- **Organizer** of the *International Workshop on Exploratory Data Analysis and Visualization* (EDAVIS 2010) in May 27.-28, 2010, held Statistics Austria, Vienna. Visit: <http://www.statistik.tuwien.ac.at/edavis>
- **Co-Organizer** of the *International Conference CoDaWork 2013 on Compositional Data Analysis* (CoDaWork 2013) in May 2013 in Vorau. Visit: <http://www.codawork2013.com/>
- **Local-Organizer and Sponsor** of the *Statistische Woche 2012* in Vienna (550 participants). Visit: <http://conference.data-analysis.at>
- **Organizer** of the International Workshop on Statistical Disclosure Control at OECD in Paris, 2012.
- **Organizer** of the **R** Summer School of Code in Vorau, 2013. Visit: <http://rsummer.data-analysis.at/>

- **Co-Organizer** of the GeoMap 2014 international workshop in Olomouc. Visit: <http://geomap.data-analysis.at/>
- **Co-Organizer** of the scientific committee for the *UNECE worksession on data editing* in Ljubljana, Slovenia, 2011 and Oslo, Norway, 2012.
- **Member** of the scientific committee for the *useR!2013* conference in La Mancha, Spain, 2013.
- **Member** of the scientific committee at the CoDaWork international workshop in Girona, Spain, 2015. Visit: <http://geomap.data-analysis.at/>

Awards

- **Award** of the Austrian Society for Statistics for the best PhD thesis in applied/computational statistics, 2010.

Research and Projects

- I have authored 268 papers, chapters, books and presentations on statistical topics. A list of these appears on pages 4–20.
- My current research include Computational Statistics, Editing and Imputation, Statistical Disclosure Control, Compositional Data Analysis, (Robust) Multivariate Statistics, Data Visualisation and Indicators.

2006	Project leader at Statistics Austria for the European project “ <i>Centre of Excellence in Statistical Disclosure Control</i> ”, grant agreement no 25200.2005.001-2005.619. Funding from the European Commission/EUROSTAT.	€ 12.000
2008 – 2010	Project leader at Statistics Austria for the European project “ <i>ESSNet on Statistical Disclosure Control</i> ”, grant agreement no 25200.2005.003-2007.670. Funding from the European Commission/EUROSTAT.	€ 22.000
2008 – 2011	Project leader and work package leader at the Department of Statistics and Probability Theory (TU WIEN) for the European project AMELI, project number 217322, coordinator: Ralf Münnich, Uni Trier. Funding from the European Commission under the 7-th framework programme for research.	€ 1.410.000
2010	Project leader of the European project <i>Exploratory Data Analysis and Visualization</i> (EDAVIS), Eurostat grant.	€ 48.000
2011 – 2012	Subcontract for the European project <i>ESSnet on common tools and harmonised methodology for SDC in the ESS</i> , Eurostat grant.	€ 20.000
2008 – 2013	A dozen of projects of about € 60.000 for the OECD	€ 60.000
2014	Project leader on analysis of data bases and analysis of incidence from Wiener Linien.	€ 17.000
2009 – 2012	Several projects with UNIDO (R in the statistical office, energy statistics, ...), the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (firmland bird index, biodiversity), Pollen information of Austria (demographic analysis of a severity of symptoms), mobilkom (automatic reporting, Q-voice analysis), the Austrian antitrust authority (low-cost carriers analysis), complicity in medical studies, measuring traffic and online tracking of traffic data, Google Summer School of Code (3), and various European projects.	€ 3.000 – 10.000 each

Software Development in R

package	description	available
clustTool	Graphical user interface for clustering data. Several new visualisation methods for clusters.	on CRAN (archived)
compositions-GUI	“Essential” compositional data analysis including a GUI.	on CRAN (archived)
CodaTable	Compositional analysis of probability tables.	on bitbucket
laeken	Estimation of indicators on social exclusion and poverty.	on CRAN

robCompositions	Robust multivariate analysis of compositional data.	on CRAN and github
sdcMicro	Software for microdata protection to provide anonymised data to researchers.	on CRAN and github
sdcMicroGUI	point and click graphical user interface to sdcMicro.	on CRAN and github
sparkTable	Sparklines and graphical tables for documents and websites.	on CRAN and github
TGUICore (2010)	Teaching GUI and modern blended learning feedback system for the generation of interactive lectures. Core functionality.	on CRAN (archived)
TGUITeaching (2010)	Teaching GUI and modern blended learning feedback system for the generation of interactive lectures. Prototype.	on CRAN (archived)
VIM (2008)	Visualization and imputation of missing values.	on CRAN and github

From my students under my supervision:

simFrame	A general framework for statistical simulation.	on CRAN
simPopulation	Generation of close-to-reality household population data.	on CRAN
X12	Wrapper functions, interactive timeline management of parameters and results and a GUI for the X12 binaries.	on CRAN

Skills

- Software: R, SAS, C++, L^AT_EX, Matlab, Subversion Systems and Git, Eclipse, literate programming, Markup, Unix / Linux / OS X, tcl/tk, Gtk2, HTML/PHP.
- Project Management
- Teamwork and team leading experience

Teaching on Regular Basis

Statistical Computing	Introduction to statistical analysis using modern computer methods with an emphasis on applications and software R. Turning new ideas and methods into software. Monte-Carlo methods.
Computational Statistics	Analysis and statistical inference. Analysis of variance and regression analysis using modern statistical methods.
Stat. Simulation and Computerintensive Methods	Generation of random numbers. Statistical simulation. High-performance computing and resampling methods.
Cluster Analysis and Methods for Unsupervised Learning	Theoretical concepts and application of cluster analysis and methods for unsupervised learning. Practical applications using the software environment R.
Legal Aspects of Statistical Methods	Realization of legal consequences when applying statistical methods. Applications in Official Statistics and Biostatistics.

Research Methods in Computer Science	Literate programming, automatization, design of experiments and surveys, applications in medical science, official statistics, geoscience, uva.
Official Statistics and Sampling Techniques	Statistical methods in official statistics. Editing, Imputation, Complex Sampling Designs, Small Area Statistics, Statistical Disclosure Control, Statistical Matching, . . .
Research Methods in Computer Science	Survey Methodology and Formal Methods of Research in Computer Science.
Seminars, Practicals, Courses	Related to topics Statistics and Probability Theory, Computational Statistics and Official Statistics.
Courses at Statistics Austria	All main lectures in statistics with the self-developed blended learning TGUI system. Probability Theorie. Exploratory Data Analysis. Visualization. Sampling Theory. Variance Estimation. Regression. Statistical Disclosure Control. Imputation. Introductory course in R. Advanced course on R.
Courses for companies	Courses and tutorials about R and development in R
Courses for OECD and Worldbank	Statistical Disclosure Control.
Tutorial	on R in the statistical office at Statistische Woche 2012 and Q2014

Review Work

Reviewer for the following peer-review journals (in alphabetic order):

Acta UP Mathematica, Advances in Statistical Analysis, AStA - Sozialwissenschaftliches Archiv, Austrian Journal of Statistics, Austrian Journal of Statistics, Canadian Journal of Statistics, Communications in Statistics, Communications in Statistics - Simulation and Computation, Computational Statistics and Data Analysis, Data Science Journal, Economics Bulletin, Information Visualization, International Journal of Pattern Recognition, Journal of Informations Sciences, Journal of Official Statistics, Journal of Operations Research, Journal of Statistical Software, Journal of Statistical Computation and Simulation, Journal of Systems and Information, Journal of Systems and Software, Journal of Water Resources and Protection, Journal of Water Research, Remote Sensors, Sage, Statistics, Statistical Papers.

Maintainer of **R**'s CRAN Task View on "*Official Statistics and Survey Methodology*", see <http://cran.r-project.org/web/views/OfficialStatistics.html>.

Publications

Books

1. Gantschacher, M., D. Ossberger, M. Templ, C. Wirthumer-Hoche, and M. Wolf (2013). *Forschungsbericht: Studienbericht: Sprechende Gebrauchs- und Produktinformation*. Ed. by M. Gantschacher. Schriftenreihe Gesundheitsreihe und -wissenschaft. Wien: Sigmund Freud PrivatUniversitäts Verlag. <http://sfu.ac.at/data/ANISNet%20007%20A%20Publikation.pdf>.
2. Templ, M. (2009). *New Developments in Statistical Disclosure Control and Imputation: Robust Statistics Applied to Official Statistics*. Südwestdeutscher Verlag für Hochschulschriften.

Editorials

1. Hron, K., P. Filzmoser, and M. Templ, eds. (2013). *Proceedings of the 5th International Workshop on compositional Data Analysis CoDaWork 2013 June 3-7, 2013, Vorau, Austria*. TU WIEN. <http://www.statistik.tuwien.ac.at/CoDaWork/CoDaWork2013Proceedings.pdf>.

Habilitation, PhD and Master thesis

1. Templ, M. (2012). *Methodological and Computational Developments for Pre-Processing and Dissemination of Survey Microdata*. habilitation thesis.
2. Templ, M. (2009). "New Developments in Statistical Disclosure Control and Imputation in Official Statistics". PhD thesis. E107.
3. Templ, M. (2003). "Cluster Analysis with Application to Data from Geochemistry". MA thesis. E107.

Refereed research papers

1. Boogaart, G. van den, R. Tolosano-Delgado, and M. Templ (2014). Regression with Compositional Response Having Unobserved Components or Below Detection Limit Values. *Statistical Modelling*. accepted for publication.
2. Egozcue, J. J., V. Pawlowsky-Glahn, M. Templ, and K. Hron (2014). Independence in Contingency Tables Using Simplicial Geometry. *Communications in Statistics - Theory and Methods*. accepted for publication.
3. Kowarik, A., A. Meraner, M. Templ, and D. Schopfhauser (2014). Seasonal Adjustment with the R-packages x12 and x12GUI. *Journal of Statistical Software*. zur Veröffentlichung angenommen.
4. Alfons, A. and M. Templ (2013). Estimation of Social Exclusion Indicators from Complex Surveys: The R Package laeken. *Journal of Statistical Software* **Vol. 54**(Issue 15, Sep 2013), 1–25.
5. Alfons, A., M. Templ, and P. Filzmoser (2013). Robust estimation of economic indicators from survey samples based on Pareto tail modelling. *Journal of the Royal Statistical Society: Series C (Applied Statistics)* **Vol. 62**(Issue 2), 271–286.
6. Hron, K., M. Templ, and P. Filzmoser (2013). Estimation of a proportion in survey sampling using the logratio approach. *Metrika* **76**(6), 799–818.
7. Hron, K., M. Templ, V. Todorov, et al. (2013). Logratio approach to statistical analysis of 2?2 compositional tables. *Journal of Applied Statistics* -(11 Nov 2013, published online), 1–10.
8. Kepplinger, D., M. Templ, and S. Upadhyaya (2013). Analysis of energy intensity in manufacturing industry using mixed-effects models. *Energy* **59**(15. September), 754–763.
9. Meindl, B. and M. Templ (2013). Analysis of Commercial and Free and Open Source Solvers for the Cell Suppression Problem. *Transaction on Data Privacy* **Volume 6**(2), 147–159.
10. Templ, M., S. Aklan, P. Filzmoser, M. Preusser, and J. Hainfellner (2013). Statistical Indicators for the Analysis of Digitalized Brain Tumor Images. *Austrian Journal of Statistics* **Volume 42**(2), 81–100.
11. Templ, M. and P. Filzmoser (2013). Simulation and quality of a synthetic close-to-reality employer-employee population. *Journal of Applied Statistics* **x**, 1–20.
12. Filzmoser, P., K. Hron, and M. Templ (2012). Discriminant analysis for compositional data and robust parameter estimation. *Computational Statistics* **27**(4), 585–604.
13. Martin-Fernandez, J. A., K. Hron, M. Templ, P. Filzmoser, and J. Palarea-Albaladejo (2012). Model-based replacement of rounded zeros in compositional data: Classical and robust approaches. *Computational Statistics and Data Analysis* **56**, 2688–2704.
14. Templ, M. (2012). Correlation Between Indicators Over Time in Thematic Maps. *Austrian Journal of Statistics* **41**(1), 67–79.
15. Templ, M., A. Alfons, and P. Filzmoser (2012). Exploring incomplete data using visualization techniques. *Advances in Data Analysis and Classification* **6**, 29–47.

16. Templ, M., B. Hulliger, A. Kowarik, and K. Fürst (2012). Combining geographical information and traditional plots: the checkerplot. *International Journal of Geographical Information Science* **1**, 3–16.
17. Templ, M. and V. Todorov (2012). Official Statistics and Survey Methodology meets R: An Overview of Corresponding Packages. *The Survey Statistician* **July**(66), 26–34.
18. Alfons, A., M. Templ, and P. Filzmoser (2011). Simulation of close-to-reality population data for household surveys with application to EU-SILC. *Statistical Methods & Applications* **20**(3), 383–407.
19. Dinges, G., A. Kowarik, B. Meindl, and M. Templ (2011). An Open Source Approach for Modern Teaching Methods: The Interactive TGUI System. *Journal of Statistical Software* **39**\7.
20. Dinges, G., A. Kowarik, B. Meindl, and M. Templ (2011). Moderne Wege der Wissensvermittlung: Statistikunterricht interaktiv. *Statistische Nachrichten* **9**, 919–922.
21. Templ, M., A. Kowarik, and P. Filzmoser (2011). Iterative stepwise regression imputation using standard and robust methods. *Computational Statistics and Data Analysis* **55**, 2793–2806.
22. Todorov, V., M. Templ, and P. Filzmoser (2011). Detection of multivariate outliers in business survey data with incomplete information. *Advances in Data Analysis and Classification* **5**(1), 37–56.
23. Alfons, A., M. Templ, and P. Filzmoser (2010). An object-oriented framework for statistical simulation: The R Package simFrame. *Journal of Statistical Software* **37**(3), 1–36.
24. Hron, K., M. Templ, and P. Filzmoser (2010). Imputation of missing values for compositional data using classical and robust methods. *Computational Statistics and Data Analysis* **54**, 3095–3107.
25. Dinges, G. and M. Templ (2009). Motivation zur Statistik - Computergestützt lernen in der Statistik Austria. *Austrian Journal of Statistics* **38**(1), 3–16.
26. Facevicova, H, K. Hron, V. Todorov, D. Guo, and M. Templ (2009). Logratio approach to 2 x 2 compositional tables. *Journal of Applied Statistics*. accepted for publication, ##.
27. Templ, M. (2009). Clusteranalyse mit SPSS. Mit Faktorenanalyse. (Book Reviews). *Austrian Journal of Statistics* **38**, 287–291.
28. Templ, M. (2009). Forschungsprojekt AMELI; regionale Schätzung von Armut und sozialem Zusammenhalt in Europa. *Statistische Nachrichten* **2**, 173–177.
29. Templ, M. and T. Petelin (2009). A Graphical User Interface for Microdata Protection Which Provides Reproducibility and Interactions: the sdcMicro GUI. *Transactions on Data Privacy* **2**, 207–223.
30. Templ, M. (2008). Forschungsaktivitäten im Bereich statistischer Geheimhaltung von Mikrodaten. *Statistische Nachrichten* **1**, 94–98.
31. Templ, M. (2008). Statistical Disclosure Control for Microdata Using the R-Package sdcMicro. *Transactions on Data Privacy* **1**, 67–85.
32. Templ, M., P. Filzmoser, and C. Reimann (2008). Cluster analysis applied to regional geochemical data: Problems and possibilities. *Applied Geochemistry* **23**(8), 2198–2213.

Book chapters

1. Hron, K., P. Filzmoser, M. Templ, et al. (2014). “Robust Regression with Compositional Response: Application to Geosciences”. In: *Mathematics of Planet Earth, Lecture Notes in Earth System Sciences*. Springer Verlag Berlin-Heidelberg, pp.87–90. http://link.springer.com/chapter/10.1007/978-3-642-32408-6_21.
2. Kowarik, A., M. Templ, B. Meindl, F. Fonteneau, and B. Prantner (2012). “Testing of IHSN C++ Code and Inclusion of New Methods into sdcMicro”. In: *Lecture Notes in Computer Science*. Ed. by J. Domingo-Ferrer and I. Tinnirello. Berlin: Springer, pp.63–77. <http://link.springer.com/book/10.1007/978-3-642-33627-0/page/1#section=1126577&page=1>.
3. Templ, M., K. Hron, and P. Filzmoser (2011). “robCompositions: an R-package for robust statistical analysis of compositional data”. In: *Compositional Data Analysis: Theory and Applications*. John Wiley & Sons, pp.341–355.

4. Templ, M. and A. Alfons (2010). “Disclosure Risk of Synthetic Population Data with Application in the Case of EU-SILC”. In: *Privacy in Statistical Databases, Lecture Notes in Computer Science*. Ed. by J. Domingo-Ferrer and E. Magkos. Berlin, Heidelberg: Springer Verlag, pp.174–186.
5. Templ, M. and B. Meindl (2010). “Practical Applications in Statistical Disclosure Control Using R”. In: *Privacy and Anonymity in Information Management Systems New Techniques for New Practical Problems*. Ed. by J. Nin and J. Herranz. Springer Verlag, pp.31–62.
6. Templ, M. and B. Meindl (2008). “Robust Statistics Meets SDC: New Disclosure Risk Measures for Continuous Microdata Masking”. In: *Lecture Notes on Computer Science*. Ed. by J. Domingo-Ferrer and Y. Saygin. Berlin/Heidelberg: Springer, pp.13.
7. Templ, M. and B. Meindl (2008). “Robustification of Microdata Masking Methods and the Comparison with Existing Methods”. In: *Lecture Notes on Computer Science*. Ed. by J. Domingo-Ferrer and Y. Saygin. Berlin/Heidelberg: Springer, pp.14.
8. Templ, M. (2006). “Software Development for SDC in R”. In: *Privacy in Statistical Databases, Lecture Notes in Computer Science, Vol. 4302*. Ed. by J. Domingo-Ferrer and L. Franconi. Berlin Heidelberg: Springer, pp.347–359.

Papers in conference proceedings

1. Boogaart, G van den, R. Tolosana-Delgado, K. Hron, M. Templ, and P. Filzmoser (2013). Compositional regression with unobserved components or below detection limit values. In: *Proceedings of the 5th International Workshop on Compositional Data Analysis CoDaWork 2013 June 3-7, 2013, Vorau, Austria*. Ed. by K. Hron, P. Filzmoser, and M. Templ. talk: CoDaWork 2013, Vorau; 2013-06-07, pp.59. <http://www.codawork2013.com/>.
2. Kowarik, A. and M. Templ (2013). Make Your Data Confidential with the sdcMicro and sdcMicroGUI packages. In: *The R User Conference, useR! 2013, Book of Cotributed Abstracts*. Albacete, Spain: University of Castilla-La Mancha, pp.64. http://www.edi.ucm.es/~user-2013/docs/user2013_abstract_booklet.pdf.
3. Monti, G., K. Hron, P. Filzmoser, and M. Templ (2013). Covariance-Based Outlier Detection for Compositional Data with Structural Zeros: Application to Italian Survey of Household Income and Wealth Data. In: *Dipartimento di Economia, Metodi Quantitativi e Strategie di Impresa*. Ed. by D. Vita e Pensiero. Vita e Pensiero. Vita e Pensiero. <http://boa.unimib.it/handle/10281/44960#.UqcrX6qnd3A>.
4. Templ, M. (2013). Providing data with high utility and no disclosure risk for the public and researchers: an evaluation by advanced statistical disclosure risk methods. In: *Proceedings of the 10th International Conderence Computer Data Analysis & Modelling 2013*. invited. Belarusian State University, pp.57–66. <http://elib.bsu.by/bitstream/123456789/51946/1/112-120.pdf>.
5. Templ, M. (2013). Supporting tools. In: *Proceedings of the 5th International Workshop on Compositional Data Analysis CoDaWork 2013 June 3-7, 2013, Vorau, Austria*. Ed. by K. Hron, P. Filzmoser, and M. Templ. talk: CoDaWork 2013, Vorau; 2013-06-07, pp.##. <http://www.statistik.tuwien.ac.at/CoDaWork/CoDaWork2013.pdf>.
6. Templ, M., G van den Boogaart, J. Eichler, P. Filzmoser, K. Hron, and R. Tolosana-Delgado (2013). Software compositionsGUI. In: *Proceedings of the 5th International Workshop on Compositional Data Analysis CoDaWork 2013 June 3-7, 2013, Vorau, Austria*. Ed. by K. Hron, P. Filzmoser, and M. Templ. invited; talk: CoDaWork 2013, Vorau; 2013-06-04 – 2013-06-07, pp.##. <http://www.codawork2013.com/>.
7. Templ, M., K. Hron, P. Filzmoser, and G. Monti (2013). Methods to Detect Outliers in Compositional Data with Structural Zeros. In: *Proceedings of the 5th International Workshop on Compositional Data Analysis CoDaWork 2013 June 3-7, 2013, Vorau, Austria*. Ed. by K. Hron, P. Filzmoser, and M. Templ. talk: CoDaWork 2013, Vorau; 2013-06-05 – 2013-06-07, pp.56. <http://www.statistik.tuwien.ac.at/CoDaWork/CoDaWork2013.pdf>.
8. Templ, M., K. Hron, P. Filzmoser, et al. (2013). The R packages robCompositions and compositionsGUI. In: *Proceedings of the 5th International Workshop on Compositional Data Analysis CoDaWork 2013 June 3-7, 2013, Vorau, Austria*. Ed. by K. Hron, P. Filzmoser, and M. Templ. invited;

- talk: CoDaWork 2013, Vorau; 2013-06-04 – 2013-06-07, pp.##. <http://www.codawork2013.com/workshoptutorium/>.
9. Todorov, V., K. Facevicova, K. Hron, D. Guo, and M. Templ (2013). Statistical analysis of compositional 2x2 tables with an economic application. In: *Proceedings of the 5th International Workshop on Compositional Data Analysis CoDaWork 2013 June 3-7, 2013, Vorau, Austria*. Ed. by K. Hron, P. Filzmoser, and M. Templ. talk: CoDaWork 2013, Vorau; 2013-06-04 – 2013-06-07, pp.58. <http://www.codawork2013.com/>.
 10. Zehetgruber, J., P. Filzmoser, K. Hron, M. Templ, et al. (2013). Robust multivariate regression with compositional data. In: *Proceedings of the 5th International Workshop on Compositional Data Analysis CoDaWork 2013 June 3-7, 2013, Vorau, Austria*. Ed. by K. Hron, P. Filzmoser, and M. Templ. poster presentation: CoDaWork 2013, Vorau; 2013-06-05 – 2013-06-07, pp.65. <http://www.statistik.tuwien.ac.at/CoDaWork/CoDaWork2013.pdf>.
 11. Kowarik, A., A. Meraner, D. Schopfhauser, and M. Templ (2012). Interactive Adjustment and Outlier Detection of Time dependent data in R. In: *Conference of European Statisticians, Norway/Oslo, September 2012*. Ed. by UNECE. talk: UNECE worksession on statistical data editing, Norway, Oslo; 2012-09-24 – 2012-09-26, pp.1–11. http://www.unece.org/fileadmin/DAM/stats/documents/ece/ces/ge.44/2012/31_Austria.pdf.
 12. Martin-Fernandez, J. A., K. Hron, M. Templ, P. Filzmoser, and J. Palarea-Albaladejo (2012). Evaluating the performance of a Bayesian-multiplicative treatment of zeros in compositional data sets. In: *Proceedings of COMPSTAT2012*. invited; talk: International Conference on Computational Statistics, Limassol / Cyprus; 2012-08-28 – 2012-08-31, pp.##. <http://www.compstat2012.org/sessions.php>.
 13. Templ, M., B. Hulliger, and A. Kowarik (2012). Visualization of regional indicators with the checkerplot. In: *Book of Abstracts*. Ed. by P. Filzmoser. talk: Statistische Woche 2012, TU Wien; 2012-09-18 – 2012-09-21, pp.141. <http://www.statistik.tuwien.ac.at/statistische-woche/BookofAbstracts.pdf>.
 14. Templ, M., A. Kowarik, and B. Hulliger (2012). Visualization of Complex Statistical Information in Maps. In: *2012 JSM Proceedings*. American Statistical Association. http://publik.tuwien.ac.at/files/PubDat_217466.pdf.
 15. Templ, M. and V. Todorov (2012). Official Statistics and Survey Methodology Meets R: An Overview of Corresponding Packages. In: *Proceedings of the International Conference on Establishment Surveys*. talk: International Conference on Establishment Surveys, Montreal; 2012-06-13. http://www.google.at/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&ved=0CDQQFjAA&url=http%3A%2F%2Fwww.researchgate.net%2Fpublication%2F233868932_montreal%2Ffile%2F9fcfd50c75cd2c1f5d.pdf&ei=1zkPU-fJ0sqtAa1xID4Cw&usq=AFQjCNG4nw1_RuptfAr0HoNy4aNi7-6dxg&s.
 16. Templ, M. and V. Todorov (2012). Screening Methods and Tools for the UNIDO Industrial Statistics (INDSTAT). In: *Conference of European Statisticians, Norway/Oslo, September 2012*. Ed. by UNECE. invited; talk: UNECE worksession on statistical data editing, Norway, Oslo; 2012-09-24 – 2012-09-26, pp.1–19. http://www.unece.org/fileadmin/DAM/stats/documents/ece/ces/ge.44/2012/32_UNIDO.pdf.
 17. Alfons, A., M. Templ, and P. Filzmoser (2011). Robust estimation of social inclusion indicators based on Pareto tail modeling. In: *Proceedings of the NTS 2011 conference*. talk: Conference on New Techniques and Technologies for Statistics, Brüssel; 2011-02-23.
 18. Filzmoser, P., K. Hron, and M. Templ (2011). Discriminant Analysis for Compositional Data and Robust Parameter Estimation. In: *Book of Abstracts of the Olomoucian Days of Applied Mathematics*. talk: Olomoucian Days of Applied Mathematics, Olomouc; 2011-01-26 – 2011-01-28, pp.17.
 19. Filzmoser, P., K. Hron, and M. Templ (2011). Robust compositional data analysis. In: *Proceedings of the 4th International Workshop on Compositional Data Analysis*. talk: CODAWORK'11, Girona; 2011-05-09, pp.4.
 20. Hron, K., E. Fiserová, P. Filzmoser, and M. Templ (2011). On the Interpretation of Orthonormal Coordinates for Compositional Data with Applications. In: *Book of Abstracts of the Olomoucian*

- Days of Applied Mathematics*. talk: Olomoucian Days of Applied Mathematics, Olomouc; 2011-01-26 – 2011-01-28, pp.27.
21. Hron, K., M. Templ, and P. Filzmoser (2011). Classical and robust imputation of missing values for compositional data using balances. In: *Proceedings of the 4th International Workshop on Compositional Data Analysis*. talk: CODAWORK'11, Girona; 2011-05-09 – 2011-05-13.
 22. Templ, M. (2011). Comparison of perturbation methods based on pre-defined quality indicators. In: *Online Proceedings of the Conference of European Statisticians*. invited; talk: Conference of European Statisticians in Tarragona, Joint UNECE/Eurostat work session on statistical data confidentiality, Spanien; 2011-10-26 – 2011-10-28.
 23. Templ, M., A. Alfons, and P. Filzmoser (2011). Robust semi-parametric estimation of social cohesion and poverty indicators. In: *Proceedings of the 58th ISI Conference in Dublin*. International Statistical Institute.
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55. Alfons, A., M. Templ, and P. Filzmoser (2009). *simFrame: An object-oriented framework for statistical simulation*. Tech. rep. CS-2009-1. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
56. Filzmoser, P., K. Hron, and M. Templ (2009). *Discriminant analysis for compositional data and robust parameter estimation*. Tech. rep. SM-2009-3. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
57. Hulliger, B., T. Schoch, and M. Templ (2009). *Summary of the State-of-the-Art on Robustness methods for European Laeken Indicators*. Tech. rep. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
58. Templ, M. and A. Alfons (2009). *An application of VIM, the R package for visualization of missing values, to EU-SILC data*. Tech. rep. CS-2009-2. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
59. Templ, M., A. Alfons, and P. Filzmoser (2009). *Tools for visualising data and aggregated information*. Tech. rep. CS-2009-3. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
60. Hron, K., M. Templ, and P. Filzmoser (2008). *Imputation of missing values for compositional data using classical and robust methods*. Tech. rep. SM-2008-4. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
61. Templ, M. (2008). *Making SDC-tools better usable by statistical agencies: Sustainability of the Argus software*. Tech. rep. CS-2008-5. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
62. Templ, M. and P. Filzmoser (2008). *Visualization of missing values using the R-package VIM*. Tech. rep. CS-2008-1. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
63. Templ, M. (2007). *sdcMicro: A package for statistical disclosure control in R*. Tech. rep. CS-2007-5. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.
64. Templ, M., P. Filzmoser, and R. Reimann (2006). *Cluster Analysis applied to regional geochemical data: Problems and possibilities*, CS-2006-5. Tech. rep. E107 - Institute of Statistics and Probability Theory; Vienna University of Technology.

Book reviews

1. Templ, M. (2009). Clusteranalyse mit SPSS. Mit Faktorenanalyse. (Book Reviews). *Austrian Journal of Statistics* **38**, 287–291.

Master thesis (supervised)

1. Puchner, V. (2013). “Evaluierung von Methoden des Statistischen Matchings und ausgewählte SAE Methoden mit Anwendung auf Mikrozensus und EU-SILC”. MA thesis. E107 Institut für Statistik und Wahrscheinlichkeitstheorie. <http://permaLink.obvsg.at/AC11105584>.
2. Aklan, S. (2012). “Development and Implementation of Statistical Indicators for the Assessment of Brain Tumors”. MA thesis. E107.
3. Geißler, K. (2012). “The Synthetic Close-to-reality Employer-Employee Population: Simulation and Benchmarking Statistics”. MA thesis. E107 Institut fuer Statistik und Wahrscheinlichkeitstheorie.
4. Meraner, A. (2010). “Outlier Detection for Semi-continuous Variables”. MA thesis. E107.
5. Zechner, S. (2010). “Visualization of Indicators in R with Application to EU-SILC”. MA thesis. E107.

Presentations at Scientific Conferences

1. Templ, M. (2014). “R Development”. invited; talk: R Meetup 2014/I, TU Wien; 2014-02-11.
2. Templ, M. (2014). “Statistik in der Praxis”. invited; talk: Hackers Hack Meetup, Museum-quartier, Quartier 21, Halle D; 2014-02-26.
3. Templ, M., A. Alfons, and P. Filzmoser (2014). “Robust Estimation of Income and Social Indicators with Tail Modelling”. invited; talk: Seminar in Applied Mathematics, Palacky University Olomouc; 2014-01-27.
4. Templ, M., A. Kowarik, and B. Meindl (2014). “Development and Current Practice in Using R at Statistics Austria”. invited; talk: New Challenges for Statistical Software - The Use of R in Official Statistics, Bucharest, Romania; 2014-03-27.
5. Alfons, A. and M. Templ (2013). “Sweave, knitr, RStudio, R Markup”. invited; talk: R Summer School, Vorau/ Österreich; 2013-09-24 – 2013-09-27.
6. Kalidova, A, K. Hron, M. Templ, and P. Filzmoser (2013). “Replacement of Missing Values and Rounded Zeros in High-Dimensional Compositional Data with Application to Metabolomics”. talk: ODAM 2013 - Olomoucian Days of Applied Mathematics, Olomouc; 2013-06-12 – 2013-06-14.
7. Kowarik, A., A. Meraner, and M. Templ (2013). “Interactive Adjustment and Outlier Detection of Time Dependent Data in R - x12, x12GUI”. talk: Österreichische Statistiktage 2013, Statistik Austria, Wien; 2013-10-25.
8. Kowarik, A. and M. Templ (2013). “Make Your Data Confidential with the sdcMicro and sdcMicroGUI packages”. talk: The R User Conference, useR! 2013, University of Castilla-La Mancha, Albacete, Spain; 2013-07-11 – 2013-07-12.
9. Kowarik, A. and M. Templ (2013). “Visualisation with ggplot2”. invited; talk: R Summer School, Vorau/ Österreich; 2013-09-24 – 2013-09-27.
10. Monti, G., K. Hron, P. Filzmoser, and M. Templ (2013). “Covariance-Based Outlier Detection for Compositional Data with Structural Zeros: Application to Italian Survey of Household Income and Wealth Data”. talk: SIS 2013 - Advances in Latent Variables - Methods, Models and Applications, Brescia, Italy; 2013-06-21.
11. Templ, M. (2013). “Advanced Imputation Methods”. talk: Statistics Seminar at the Palacký University, Olomouc, Czech Republic; 2013-03-11.
12. Templ, M. (2013). “Anonymisation of Confidential Data; methods and software”. invited; talk: Österreichische Statistiktage 2013, Statistik Austria, Wien; 2013-10-23 – 2013-10-25.
13. Templ, M. (2013). “Basic Concepts of Imputation”. talk: Statistics Seminar at the Palacký University, Olomouc, Czech Republic; 2013-01-14.

14. Templ, M. (2013). "Log-Ratio Analyse von Bieren, Whiskies und Kaffee's und eine praktische Anwendung an Doktoratsstudenten". talk: Seminar Statistik, Technische Universität Graz; 2013-10-16.
15. Templ, M. (2013). "Log-ratio analysis of the chemical composition of (our) favoured drinks". invited; talk: Workshop 'Teorie a praxe statistického zpracování dat', Dolni Morava, Czech; 2013-11-14 – 2013-11-16.
16. Templ, M. (2013). "Outlier detection in compositional data with structural zeros". talk: ODAM 2013 - Olomoucian Days of Applied Mathematics, Olomouc; 2013-06-13 – 2013-06-14.
17. Templ, M. (2013). "Providing data with high utility and no disclosure risk for the public and researchers: an evaluation by advanced statistical disclosure risk methods". invited; talk: CDAM 2013 10th International Conference Computer Data Analysis & Modeling 2013 Theoretical & Applied Stochastics, Minsk, Weißrussland, Belarus; 2013-09-13 – 2013-09-14.
18. Templ, M. (2013). "S4 class sdcMicro". talk: Expert Group SDC, Luxembourg; 2013-10-08.
19. Templ, M. (2013). "Statistical Disclosure Control for Microdata". talk: StatGIS Seminar, Tschechien, Olomouc; 2013-10-01.
20. Templ, M. and A. Kowarik (2013). "R Crash Course". invited; talk: R Summer School, Vorau/ Österreich; 2013-09-23 – 2013-09-27.
21. Templ, M. and A. Kowarik (2013). "Visualisation with R - graphics, lattice, colors". talk: R Summer School, Vorau/ Österreich; 2013-09-24 – 2013-09-27.
22. Templ, M., A. Kowarik, and F. Endel (2013). "R for interactive teaching". invited; talk: R Summer School, Vorau/ Österreich; 2013-09-25 – 2013-09-27.
23. Templ, M., A. Kowarik, and F. Fonteneau (2013). "The sdcMicro and sdcMicroGUI package and Automated Computations". talk: Presentation of microdata anonymization open source software and discussion on possible use within and outside the Bank, World Bank, Washington D.C., USA; 2013-05-30.
24. Templ, M., A. Kowarik, and B. Meindl (2013). "Anonymization of Microdata". invited; talk: Österreichische Statistiktage 2013, Statistik Austria, Wien; 2013-10-23 – 2013-10-25.
25. Hron, K., P. Filzmoser, M. Templ, G van den Boogaart, and R. Tolosana-Delgado (2012). "A unified approach to classical and robust regression for compositional data". talk: 5th International Conference of the ERCIM WG on COMPUTING & STATISTICS, Oviedo / Spain; 2012-12-03.
26. Poirier, C and M. Templ (2012). "Introduction to Topic v - Software & Tools for Data Editing and Imputation". talk: Conference of European Statisticians, Oslo / Norwegen; 2012-09-25.
27. Templ, M. (2012). "New Methods to Present Regional Indicators in Maps and Graphical Tables". talk: Universität Olomouc, Czech Republic; 2012-11-26.
28. Templ, M. (2012). "Standard Software in SDC for OECD and non-OECD countries: sdcMicro (and sdc Table)". invited; talk: Expert Working Group on Statistical Disclosure Control, Luxembourg; 2012-12-11.
29. Templ, M. (2012). "Von Erhebungsdaten zur Erkenntnis (Habilitationvorstellung)". invited; talk: Habilitationvorstellung, TU Wien; 2012-03-20.
30. Templ, M. and T. Burg (2012). "Methodische Entwicklungen im Bereich Indikatorschätzung - Ausgewählte Resultate aus dem Projekt AMELI". talk: Seminar, Statistik Austria, Wien; 2012-03-28.
31. Templ, M., A. Kowarik, and B. Hulliger (2012). "Visualization of Complex Statistical Information in Maps: The Checkerplot". invited; talk: Joint Statistical Meeting, San Diego; 2012-07-28 – 2012-08-02.
32. Templ, M., A. Kowarik, B. Meindl, and F. Fonteneau (2012). "Testing of IHSN C++ Code and Inclusion of New Methods into sdcMicro". talk: Konferenz: Privacy in Statistical Databases (PSD 2012), Palermo/ Sizilien/ Italien; 2012-09-26 – 2012-09-28.
33. Templ, M., B. Meindl, and A. Kowarik (2012). "Statistical Disclosure Control Using sdcMicro and sdcMicroGUI". invited; talk: OECD, Workshop on SDC, Paris; 2012-08-12.

34. Templ, M. and V. Todorov (2012). "Tutorium: R für Statistische Organisationen". invited; talk: Statistische Woche 2012, TU Wien; 2012-09-18 – 2012-09-21.
35. Dinges, G., A. Kowarik, B. Meindl, and M. Templ (2011). "Statistikunterricht interaktiv mit TGUI (Teaching Graphical User Interface)". invited; talk: Tag der amtlichen Statistik, Wien; 2011-10-20.
36. Meindl, B. and M. Templ (2011). "A computational framework to protect tabular data - R-package sdcTable". invited; talk: Conference of European Statisticians in Tarragona, Joint UNECE/Eurostat work session on statistical data confidentiality, Spanien; 2011-10-26 – 2011-10-28.
37. Templ, M. (2011). "New methods and software for data editing". invited; talk: UNECE worksession on statistical data editing, Ljubljana; 2011-05-09 – 2011-05-11.
38. Templ, M. (2011). "Presenting Aggregated Information in Maps and Tables: Visualization Suggestions from the AMELI Project". talk: University of Applied Sciences, Northwestern Switzerland, Olten; 2011-03-15.
39. Templ, M., A. Alfons, and P. Filzmoser (2011). "Robust semi-parametric estimation of economic and social indicators". invited; talk: 58th Session of the ISI Conference, Dublin; 2011-08-26.
40. Templ, M., A. Kowarik, P. Filzmoser, and A. Alfons (2011). "A computational and methodological framework for visualisation and imputation of missing values: the R-package VIM". talk: Statistische Tage 2011, Graz; 2011-09-09.
41. Alfons, A., M. Templ, and P. Filzmoser (2010). "Application of the R package simFrame for statistical simulation to EU-SILC". invited; talk: 4th AMELI Meeting, Wien; 2010-02-24.
42. Alfons, A., M. Templ, and P. Filzmoser (2010). "Pareto tail modeling for social inclusion indicators". invited; talk: 6th AMELI Meeting, Trier; 2010-10-04.
43. Alfons, A., M. Templ, and P. Filzmoser (2010). "Text Von Andi". invited; talk: AMELI Meeting in Wien, Wien; 2010-02-23.
44. Meraner, A., M. Templ, and P. Filzmoser (2010). "Outlier Detection for Semi-continuous Variables". invited; talk: AMELI Meeting in Wien, Wien; 2010-02-24.
45. Templ, M. (2010). "Automatische Generierung von Reports mit LaTeX und R". invited; talk: Workshop on Exploratory Data Analysis and Visualization, Wien; 2010-05-27 – 2010-05-28.
46. Templ, M. (2010). "Closing remarks for the International Conference on Indicators and Survey Methodology". invited; talk: International Conference on Indicators and Survey Methodology, Wien; 2010-02-25.
47. Templ, M. (2010). "Discussion Points for the Panel Session on Future Direction in Data Analysis and Visualization". invited; talk: Workshop on Exploratory Data Analysis and Visualization, Wien; 2010-05-27 – 2010-05-28.
48. Templ, M. (2010). "Opening of the International Conference on Indicators and Survey Methodology". invited; talk: International Conference on Indicators and Survey Methodology, Wien; 2010-02-25.
49. Templ, M. (2010). "R für Lehrende". invited; talk: Workshop on Exploratory Data Analysis and Visualization, Wien; 2010-05-27 – 2010-05-28.
50. Templ, M. and A. Alfons (2010). "A short overview of the simulation facilities included in Deliverable 6.1". invited; talk: AMELI Meeting in Wien, Wien; 2010-02-23.
51. Templ, M. and A. Alfons (2010). "Armutsschätzung auf das Intervall gebracht. Innovationen aus Wien im Zuge des AMELI Projekts". talk: Österreichische Statistiktage 2010, Wien; 2010-10-22.
52. Templ, M. and A. Alfons (2010). "Statistical microsimulations with complex surveys and application to social inclusion indicators". talk: Diskussionsforum Junge Statistik, Wien; 2010-12-02.
53. Templ, M. and A. Alfons (2010). "Survey methodology and simulation in R. Possibilities and new methods". talk: Forschungsseminar des Instituts für Angewandte Statistik der Johannes Kepler Universität Linz, Linz; 2010-11-18.

54. Templ, M., G. Dinges, B. Meindl, and A. Kowarik (2010). "New ways of lecturing: Statistics Austria's experience and Vienna University of Technology's interest on a Master programme". invited; talk: University of Southampton, United Kingdom; 2010-02-24.
55. Templ, M. and A. Haslinger (2010). "Opening of the EDAVIS workshop". invited; talk: Workshop on Exploratory Data Analysis and Visualization, Wien; 2010-05-27 – 2010-05-28.
56. Templ, M., A. Kowarik, and P. Filzmoser (2010). "IRMI: An open-source solution for imputation of complex data using robust methods". talk: European Conference on Quality in Official Statistics 2010, Helsinki; 2010-05-05.
57. Zechner, S., P. Filzmoser, M. Templ, and A. Alfons (2010). "Visualization of Indicators in R with application to EUSILC". invited; talk: 4th AMELI Meeting, Wien; 2010-02-24.
58. Alfons, A. and M. Templ (2009). "Design-based simulation using the R-package simFrame". invited; talk: 3rd AMELI meeting, Olten; 2009-06-05.
59. Alfons, A., M. Templ, and P. Filzmoser (2009). "State-of-the-Art and recent developments in Visualisation of Missing Values and Indicators". invited; talk: 3rd AMELI meeting, Olten; 2009-06-05.
60. Dinges, G., A. Kowarik, B. Meindl, and M. Templ (2009). "Neue Wege der Kursgestaltung". invited; talk: Meeting des Bereiches Register, Klassifikation und Methodik, Statistik Austria, Wien; 2009-10-12.
61. Kraft, S., P. Filzmoser, and M. Templ (2009). "Simulation of a Population for the European Living and Income Conditions Survey". invited; talk: 3rd AMELI meeting, Olten; 2009-06-05.
62. Meindl, B., M. Templ, and A. Haslinger (2009). "Confidentiality issues at Statistics Austria". invited; talk: Meeting on methodological work in Statistics Austria and Statistics New Zealand, Wien; 2009-10-15.
63. Templ, M. (2009). "Detection of Outliers and their Influence". invited; talk: Data validation Day, Luxemburg; 2009-11-18.
64. Templ, M. (2009). "Die Verwendung von Mikrodaten in der wissenschaftlichen Lehre". talk: Workshop bei der Statistik Austria, Wien; 2009-06-17.
65. Templ, M. (2009). "Open-source software versus close-source software strategy for statistical disclosure control". invited; talk: ESSnet Meeting, Rom; 2009-11-04.
66. Templ, M. (2009). "Teaching Statistics with R : Beyond E-Learning Systems". invited; talk: Workshop "R" in Teaching and Empirical Research, Wien; 2009-01-16.
67. Templ, M. (2009). "Visualisierung von fehlenden Werten". invited; talk: 18. Wissenschaftliches Kolloquium über Informationsvisualisierung, Wiesbaden; 2009-11-20.
68. Templ, M. and A. Alfons (2009). "Die Verwendung von Mikrodaten in der wissenschaftlichen Lehre". invited; talk: Workshop zur Nutzung von SDS in der wissenschaftlichen Lehre, Wien; 2009-06-17.
69. Templ, M., J. Holzer, P. Filzmoser, and A. Alfons (2009). "Robust methods for the estimation of selected Laeken indicators". invited; talk: 3rd AMELI meeting, Olten; 2009-06-04.
70. Templ, M. and A. Kowarik (2009). "Robust Imputation of data consisting of nominal, ordinal, semi-continuous and continuous variables or compositional data". invited; talk: 3rd AMELI meeting, Olten; 2009-06-04.
71. Alfons, A., M. Templ, and P. Filzmoser (2008). "Complex Survey Data Sets: Visualization of Missing Values in R". invited; talk: Young European Statisticians Workshop, Eindhoven; 2008-10-07.
72. Alfons, A., M. Templ, and P. Filzmoser (2008). "Visualization Software for EU-SILC Data and Laeken Indicators". invited; talk: AMELI Meeting, Wiesbaden; 2008-11-07.
73. Kraft, S., M. Templ, and P. Filzmoser (2008). "Simulation". talk: AMELI Meeting, Wiesbaden; 2008-11-07.
74. Templ, M. (2008). "Simulation Study and the Generation of Universes". invited; talk: AMELI kick-off meeting, Neuchatel; 2008-04-17 – 2008-04-18.
75. Templ, M. (2008). "Statistik Wozu? Einige moderne Anwendungen." talk: Welcome Day 2008, Wien; 2008-10-01.

76. Templ, M., A. Alfons, and P. Filzmoser (2008). "Recent Developments in Visualization : Focus on Missing Values and Maps". talk: AMELI Meeting, Wiesbaden; 2008-11-07.
77. Templ, M. and P. Filzmoser (2008). "Visualization and the use of R-Forge for collaborative research projects". invited; talk: AMELI kick-off meeting, Neuchatel; 2008-04-17 – 2008-04-18.
78. Templ, M., P. Filzmoser, and C. Reimann (2008). "Cluster Analysis: Data preparation? Which algorithm? How many clusters?" invited; talk: Lifestat 2008, München; 2008-03-12.
79. Templ, M. and J. Holzer (2008). "Several Aspects about Robustness in the AMELI Project". talk: AMELI Meeting, Wiesbaden; 2008-11-06.
80. Templ, M. and B. Meindl (2008). "Robust Statistics Meets SDC". talk: Privacy in Statistical Databases, Istanbul; 2008-09-26.
81. Templ, M. and B. Meindl (2008). "Robustification of Microdata Masking Methods". talk: Privacy in Statistical Databases, Istanbul; 2008-09-25.
82. Fritz, H., P. Filzmoser, and M. Templ (2007). "Robust Estimation of Missing Values". invited; talk: International Workshop on Robust Statistics and R, Banff; 2007-11-01.
83. Templ, M. (2007). "Statistical disclosure control (SDC) in R: Generation of anonymized data for researchers and the relation to robust statistics". invited; talk: International Workshop on Robust Statistics and R, Banff; 2007-11-01.
84. Templ, M. and P. Filzmoser (2007). "Visualisation of Missing Values and Robust Imputation in Environmental Surveys". invited; talk: TIES 2007, 18th annual meeting of the International Environmental Society, Mikulov; 2007-08-16.
85. Templ, M., P. Filzmoser, and C. Reimann (2007). "Problems and Possibilities of Cluster Analysis: Application on Geochemical Data". invited; talk: ROeS Seminar 2007, Bern; 2007-09-10.
86. Templ, M. (2006). "Statistical Data Disclosure: Methods and Software Development". invited; talk: Charles University, Prag; 2006-10-04.
87. Templ, M. and G. Dinges (2006). "Motivation zur Statistik: Computergestütztes Lernen in der Statistik Austria". talk: Austrian Statistical Society, Vienna; 2006-10-05.
88. Templ, M. and P. Filzmoser (2006). "Stability of Cluster Analysis". invited; talk: The R User Conference 2006, Wien; 2006-06-16.
89. Templ, M. (2004). "Using R for data disclosure". talk: Statistische Tage, Wien; 2004-10-01.
90. Templ, M. (2003). "Cluster Analysis und ihre Anwendung auf geochemische Daten". talk: Österreichische Statistiktage 2003, Wien; 2003-10-30.
91. Templ, M. (2003). "Cluster analysis with application to geochemical data". talk: RMED'03: Workshop on Robust Modeling of Environmental Data, Vorau; 2003-07-09.