Publications of Claudio Agostinelli

07 October 2021

Accepted, submitted, in preparation

Francisci, G., C. Agostinelli, et al. (2020). "Local lens depth and clustering". Submitted.

Nodehi, A., M. Golalizadeh, et al. (2020). "Torus Probabilistic Principal Component Analysis". Submitted.

Saraceno, G., A. Gosh, et al. (2020). "Robust estimation under Linear Mixed Models: a Minimum Density Power Divergence approach". Submitted.

Agostinelli, C., A. Basu, and A. Kuchibhotla (2019). "A Weighted Likelihood Approach Based on Statistical Data Depths". In preparation.

Agostinelli, C., M. Valdora, and V.J. Yohai (2019b). "Robust Penalized Estimation in Generalized Linear Models". In preparation.

Francisci, G., A. Nieto Reyes, and C. Agostinelli (2019). "Generalization of the simplicial depth: no vanishment outside the convex hull of the distribution support". Submitted.

Articles

Greco, L., G. Saraceno, and C. Agostinelli (2021). "Robust Fitting of a Wrapped Normal Model to Multivariate Circular Data and Outlier Detection". In: *Stats* 4.2. Special Issue Robust Statistics in Action, pp. 454–471. DOI: 10.3390/stats4020028.

Nodehi, A., M. Golalizadeh, et al. (2021). "Estimation of parameters in multivariate wrapped models for data on a p-torus". In: *Computational Statistics* 36.1, pp. 193–215. DOI: 10.1007/s00180-020-01006-x.

Saraceno, G. and C. Agostinelli (2021). "Robust Multivariate Estimation Based On Statistical Data Depth Filters". In: *Test* 30, pp. 935–959. DOI: 10.1007/s11749-021-00757-z.

Saraceno, G., C. Agostinelli, and L. Greco (2021). "Robust Estimation for Multivariate Wrapped Models". In: *Metron* 79.2, pp. 225–240. DOI: 10.1007/s40300-021-00214-9.

Agostinelli, C., A.M. Bianco, and G. Boente (2020). "Robust estimation in single index models when the errors have a unimodal density with unknown nuisance parameter". In: *Annals of the Institute of Statistical Mathematics* 72.3, pp. 855–893. DOI: 10.1007/s10463-019-00712-8.

Agostinelli, C. and L. Greco (2020). "Weighted likelihood mixture modeling and model-based clustering". In: *Statistics and Computing* 30.3, pp. 1–23. DOI: 10.1007/s11222-019-09881-1.

Bertagnolli, G., C. Agostinelli, and M. De Domenico (2020). "Network depth: identifying median and contours in complex networks". In: *Journal of Complex Networks* 8.4. DOI: 10.1093/comnet/cnz041.

Chierici, M. et al. (2020). "Integrative Network Fusion: A Multi-Omics Approach in Molecular Profiling". In: *Frontiers in Oncology* 10, p. 1065. DOI: 10.3389/fonc.2020.01065.

Greco, L., A. Lucadamo, and C. Agostinelli (2020). "Weighted likelihood latent class linear regression". In: *Statistical Methods and Applications* 30, pp. 711–746. DOI: 10.1007/s10260-020-00540-8.

Agostinelli, C. and L. Greco (2019). "Weighted likelihood estimation of multivariate location and scatter". In: *TEST* 28.3, pp. 756–784. DOI: 10.1007/s11749-018-0596-0.

Agostinelli, C., M. Valdora, and V.J. Yohai (2019a). "Initial robust estimation in generalized linear models". In: *Computational Statistics & Data Analysis* 134, pp. 144–156. DOI: 10.1016/j.csda.2018.12.010.

Alin, A., C. Agostinelli, et al. (2019). "Robust multivariate diagnostics for PLSR and application on high dimensional spectrally overlapped drug systems". In: *Journal of Statistical Computation and Simulation* 89.6, pp. 966–984. DOI: 10.1080/00949655.2019.1576682.

Agostinelli, C. (2018). "Local half-region depth for functional data". In: *Journal of Multivariate Analysis* 163, pp. 67–79. DOI: 10.1016/j.jmva.2017.10.004.

Agostinelli, C. and L. Greco (2018). "Discussion of "The power of monitoring: how to make the most of a contaminated multivariate sample" byAndrea Cerioli, Marco Riani, Anthony C. Atkinson andAldo Corbellini". In: *Statistical Methods and Applications* 27, pp. 609–619. DOI: 10.1007/s10260-017-0416-9.

Fioravanti, D. et al. (2018). "Phylogenetic convolutional neural networks in metagenomics". In: *BMC Bioinformatics* 19.(Suppl 2):49, 1:13. DOI: 10.1186/s12859-018-2033-5.

Khan, Md. Badiuzzaman et al. (2018). "Potential sources and meteorological factors affecting PM 2.5 -bound polycyclic aromatic hydrocarbons levels at six main cities in Northeastern Italy". In: *Environmental Science and Pollution Research* 25.32, pp. 31987–32000. DOI: `10.1007/s11356-018-2841-1`.

Markatou, M., G. Afendras, and C. Agostinelli (2018). "Weighted cross-validation in model selection". In: *Wiley Interdisciplinary Reviews: Computational Statistics.* DOI: `10.1002/wics.1439`.

Agostinelli, C., I. Locatelli, et al. (2017). "Robust estimators of accelerated failure time regression with generalized log-gamma errors". In: *Computational Statistics and Data Analysis* 107, pp. 92–106. DOI: `10.1016/j.csda.2016.10.012`.

Alin, A. and C. Agostinelli (2017). "Robust Iteratively Reweighted SIMPLS". In: *Journal of Chemometrics* 31.3, pp. 1–9. DOI: `10.1002/cem.2881`.

Masiol, M., S. Squizzato, et al. (2017). "Air quality across a European hotspot: Spatial gradients, seasonality, diurnal cycles and trends in the Veneto region, NE Italy." In: *Science of The Total Environment* 576, pp. 210–224. DOI: `10.1016/j.scitotenv.2016.10.042`.

Agostinelli, C., A. Marazzi, et al. (2016). "Robust Estimation of the Generalized Loggamma Model. The R Package robustloggamma". In: *Journal of Statistical Software* 70.7. DOI: `10.18637/jss.v070.i07`.

Agostinelli, C. and V.J. Yohai (2016). "Composite Robust Estimators for Linear Mixed Models". In: *Journal of the American Statistical Association* 111.516, pp. 1764–1774. DOI: `10.1080/01621459.2015.1115358`.

Alqallaf, F. and C. Agostinelli (2016). "Robust inference in Generalized Linear Models". In: *Communication in Statistics: simulation and computation* 45.9, pp. 3053–3073. DOI: `10.1080/03610918.2014.911896`.

Khan, Md.B. et al. (2016). "Carbonaceous PM2.5 and secondary organic aerosol across the Veneto Region (NE Italy)". In: *Science of the Total Environment* 542, pp. 172–181. DOI: `10.1016/j.scitotenv.2015.10.103`.

Agostinelli, C., V.J. Yohai A. Leung, and R.H. Zamar (2015a). "Rejoinder on: Robust estimation of multivariate location and scatter in the presence of cellwise and casewise contamination". In: *Test* 24.3, pp. 484–488.

— (2015b). "Robust estimation of multivariate location and scatter in the presence of cellwise and casewise contamination". In: *TEST* 24.3. Article with discussion, pp. 441–461.

Agostinelli, C. and R. Rotondi (2015). "Analysis of macroseismic fields using statistical data depth functions: considerations leading to attenuation probabilistic modelling". In: *Bulletin of Earthquake Engineering*, pp. 1–16. DOI: `10.1007/s10518-015-9778-2`.

Alqallaf, F., M.E. Ghitany, and C. Agostinelli (2015). "Weighted exponential distribution: Different methods of estimations". In: *Applied Mathematics & Information Sciences* 9.3. Research Rewards Winners, Research Sector, Kuwait University, Winners of Incentive Rewards for Unfunded Research, 2015, Faculty of Science, pp. 1167–1173. DOI: 10.12785/amis/090308.

Poto, L. et al. (2015). "Cross calibration between XRF and ICP-MS for high spatial resolution analysis of ombrotrophic peat cores for palaeoclimatic studies". In: *Analytical and Bioanalytical Chemistry* 407.2, pp. 379–385. DOI: 10.1007/s00216-014-8289-3.

Zennaro, P. et al. (2015). "Europe on fire three thousand years ago: Arson or climate?" In: *Geophysical Research Letters* 42, pp. 5023–5033. DOI: 10.1002/2015GL064259.

Agostinelli, Claudio, Alfio Marazzi, and Victor J. Yohai (2014). "Robust estimates of the generalized loggamma distribution". In: *Technometrics* 56.1, pp. 92–101. DOI: 10.1080/00401706.2013.818578.

Masiol, M., C. Agostinelli, et al. (2014). "Thirteen years of air pollution hourly monitoring in a large city: Potential sources, trends, cycles and effects of car-free days". In: *Science of The Total Environment* 494-495.0, pp. 84–96. ISSN: 0048-9697. DOI: dx.doi.org/10.1016/j.scitotenv.2014.06.122. URL: http://www.sciencedirect.com/science/article/pii/S0048969714009954.

Agostinelli, C. and M. Romanazzi (2013a). "Asymptotics of stationary points of local simplicial depth in the univariate case". In: *Mathematical Methods of Statistics* 22.1, pp. 57–69.

— (2013b). "Nonparametric analysis of directional data based on data depth". In: *Environmental and Ecological Statistics* 20.2, pp. 253–270. DOI: 10.1007/s10651-012-0218-z.

Agostinelli, Claudio and Luca Greco (2013). "A weighted strategy to handle likelihood uncertainty in Bayesian inference". In: *Computational Statistics* 28.1, pp. 319–339. DOI: 10.1007/s00180-011-0301-1.

Oliveira-Santos, Luiz Gustavo R., Carlos A. Zucco, and Claudio Agostinelli (2013). "Conditional circular kernel density functions to analyze and test hypothesis in animal circadian activity". In: *Animal Behaviour* 85.1, pp. 269–280. DOI: 10.1016/j.anbehav.2012.09.033.

Agostinelli, Claudio and Mario Romanazzi (2011). "Local depth". In: *Journal of Statistical Planning and Inference* 141, pp. 817–830. ISSN: 0378-3758. DOI: 10.1016/j.jspi.2010.08.001.

Agostinelli, Claudio and Luisa Bisaglia (Sept. 2010). "ARFIMA processes and outliers: a weighted likelihood approach". In: *Journal of Applied Statistics* 37.9, pp. 1569–1584. ISSN: 0266-4763. DOI: 10.1080/02664760903093609. URL: www.informaworld.com.

Agostinelli, Claudio (2009a). "Bias bound for the minimax estimator". In: *Journal of Statistical Planning and Inference* 139, pp. 2235–2241. DOI: `10.1016/j.jspi.2008.10.006`.

— (2009b). "Bounds for the Bias of Estimators Under Contamination". In: *Sankhya* 71.1, pp. 19–34.

— (2009c). "Estimating the model of the majority of the data". In: *Advances and Applications in Mathematical Sciences* 1.1, pp. 209–237. ISSN: 0974-6803.

— (2007b). "Robust estimation for circular data". In: *Computational Statistics and Data Analysis* 51.12, pp. 5867–5875. DOI: `doi:10.1016/j.csda.2006.11.002`.

— (2006a). "Notes on Pearson residuals and weighted likelihood estimating equations". In: *Statistics & Probability Letters* 76, pp. 1930–1934. DOI: `10.1016/j.spl.2006.04.048`.

— (2004c). "Robust Akaike Information Criterion for ARMA models". In: *Rendiconti per gli Studi Economici Quantitativi*, pp. 1–14. ISSN: 1591-9773. URL: `http://www.dma.unive.it/rendiconti/2004/Agostinelli.pdf`.

Agostinelli, C. and R. Rotondi (2003). "Using Bayesian belief networks to analyse the stochastic dependence between interevent time and size of earthquakes". In: *Journal of Seismology* 7, pp. 281–299. DOI: `10.1023/B:JOSE.0000005831.89783.e7`.

Agostinelli, Claudio (2002a). "Robust model selection in regression via weighted likelihood methodology". In: *Statistics & Probability Letters* 56, pp. 289–300. DOI: `10.1016/095758200531032`.

— (2002b). "Robust stepwise regression". In: *Journal of Applied Statistics* 29.6, pp. 825–840. DOI: `10.1080/02664760220136168`.

— (2002c). "Un approccio alla verifica d'ipotesi robusta basato sulla funzione di verosimiglianza pesata". In: *Statistica* Anno LXII.1, pp. 87–110.

— (2001b). "wle: A Package for Robust Statistics using Weighted Likelihood". In: *R News* 1.3, pp. 32–38. URL: `http://cran.r-project.org/doc/Rnews`.

Agostinelli, Claudio and Marianthi Markatou (2001). "Test of hypotheses based on the Weighted Likelihood Methodology". In: *Statistica Sinica* 11.2, pp. 499–514.

— (1998). "A one-step robust estimator for regression based on the weighted likelihood reweighting scheme". In: *Statistics & Probability Letters* 37.4, pp. 341–350. DOI: `10.1016/S0167-7152(97)00136-3`.

Agostinelli, Claudio, Claudio Capiluppi, and Luigi Fabbris (1996). "Indici sintetici di qualità di una risorsa ambientale". In: *Annali di Statistica* 10, pp. 239–256.

Proceedings

Agostinelli, C., A. Basu, P. Filzmoser, et al., eds. (2016). *Recent Advances in Robust Statistics: Theory and Applications.* Springer-Verlag. ISBN: 978-8132236412.

Thesis

Agostinelli, Claudio (1998a). "Inferenza statistica robusta basata sulla funzione di verosimiglianza pesata: alcuni sviluppi". PhD in Statistics. Padova: Dipartimento di Scienze Statistiche, University of Padova.

— (1994). "Costruzione e Valutazione Statistica di Indici Ambientali Sintetici". Master in Statistics and Economics. Padova: Facoltà di Scienze Statistiche, Demografiche ed Attuariali, University of Padova.

— (1989). "Stato di Salute della Popolazione Veneta. Indagine 1986–87 dell'ISTAT". Bachelor in Statistics. Padova: Facoltà di Scienze Statistiche, Demografiche ed Attuariali, University of Padova.

In Proceedings

Agostinelli, C., R. Rotondi, and E. Varini (2018). "Clustering Macroseismic Fields by Statistical Data Depth Functions". In: *Classification, (Big) Data Analysis and Statistical Learning.* Ed. by Mola F., Conversano C., and Vichi M. Studies in Classification, Data Analysis, and Knowledge Organization. Springer, Cham, pp. 145–153. DOI: `10.1007/978-3-319-55708-3_16`.

Nodehi, A. and C. Agostinelli (2018). "New Methods of Estimating in Wrapped Normal Models". In: Proceedings of the 14th Iranian Statistics Conference.

Khan, Md.B. et al. (2014a). "Characterization of carbonaceous particulate matter and factors affecting its variations in the Veneto region, Italy". In: *2nd Iberian Meeting on Aerosol Science and Technology (RICTA 2014).* Ed. by RICTA 2014 Scienfic Committee. Terragona, Spain, p. 147.

— (2014b). "Spatial and seasonal variations of carbonaceous particulate matter in the Veneto Region, Italy". In: *XXV Congresso Nazionale della Società Chimica Italiana.* Ed. by XXV Congresso Nazionale della Società Chimica Italiana Scientific Committee. Rende (CS), Italia.

Agostinelli, C. and A. Gagliardi (2013). "Robustness issues in linear-circular regression models". In: *Abstract Book of the 6th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM 2013)*.

Agostinelli, C. and M. Romanazzi (2013c). "Ordering Curves by Data Depth". In: *Statistical Models for Data Analysis*. Ed. by P. Giudici, S. Ingrassia, and M. Vichi. Vol. XV. Studies in Classification, Data Analysis, and Knowledge Organization. Springer International Publishing, pp. 1–18. ISBN: 978-3-319-00032-9. DOI: 10.1007/978-3-319-00032-9_1.

Romanazzi, Mario and Claudio Agostinelli (2013). "Topics in data depth: robustness, dispersion and local depth". In: *Advances in Theoretical and Applied Statistics*. Ed. by N. Torelli, F. Pesarin, and A. Bar-Hen. Studies in Theoretical and Applied Statistics. Springer. ISBN: 978-3-642-35587-5.

Agostinelli, C. and M. Romanazzi (2012). "Depth Analysis of Directional Data". In: *Atti della XLVI Riunione Scientifica Roma, 20 – 22 giugno 2012*. ISBN: 978-88-6129-882-8.

C. Agostinelli, L. Greco (2012). "Weighted likelihood in Bayesian inference". In: *Atti della XLVI Riunione Scientifica Roma, 20 – 22 giugno 2012*. ISBN: 978-88-6129-882-8.

C. Agostinelli, V. Yohai and R. Maronna (2012). "Robust estimation for multivariate data under the independent contamination model". In: *Atti della XLVI Riunione Scientifica Roma, 20 – 22 giugno 2012*. ISBN: 978-88-6129-882-8.

Agostinelli, Claudio (Aug. 2010). "Robust Statistical Modelling with R". In: *Book of Abstract 28th European Meeting of Statisticians*. Piraeus, Athens, p. 1.

Agostinelli, Claudio and Matias Salibian-Barrera (Aug. 2010). "Robust model selection with LARS based on S-estimators". In: *Proceedings of COMPSTAT 2010, 19th International Conference on Comptutational Statistics*. Ed. by Y Lechevallier and G Saporta. Paris: Physica-Verlag, Berlin, pp. 69–78. ISBN: 978-3-7908-2603-6.

Agostinelli, Claudio and Mario Romanazzi (2007a). "Local Depth". In: *Mining Massive Data Sets for Security*. Poster session by Mario Romanazzi. Gazzada (Varese), pp. 11–12.

Agostinelli, Claudio and Paolo Pellizzari (2006). "Hierarchical clustering by means of model grouping". In: *From Data and Information Analysis to Knowledge Engineering. Proceedings of the 29th annual conference of the German Classification Society*. Ed. by Myra Spiliopoulou et al., pp. 246–253.

Agostinelli, Claudio (2004a). "Max bias curve and robust identification property". In: *Atti della XLII Riunione Scientifica della Società Italiana di Statistica*. Bari: CLEUP scarl, pp. 209–212. ISBN: 88-7178-034-5.

— (Apr. 2004g). "Selezione robusta dell'ordine in modelli ARMA". In: *Atti del convegno: Metodi Matematici e Statistici per l'Analisi dei Dati Assicurativi e Finanziari*. Salerno: CUSL, pp. 15–20. ISBN: 88-901355-0-6.

— (2003). "Robust time series estimation via weighted likelihood". In: *Development in Robust Statistics. International Conference on Robust Statistics 2001*. Ed. by R. Dutter et al. Heidelberg New York: Physica Verlag. ISBN: 3-7908-1518-7.

Agostinelli, Claudio and Irene Poli (2003b). "Evolving Classification and Regression Trees". In: *Proceedings of the 18th International Workshop on Statistical Modelling*. Ed. by Geer Verbeke et al. Leuven, Belgium, pp. 21–25. ISBN: 90-807934-1-8.

Agostinelli, Claudio and Luisa Bisaglia (2002). "Robust estimation of ARFIMA processes". In: *Proceedings of the 17th International Conference on Statistical Modelling*. Chania, Greece.

Agostinelli, Claudio (2000a). "Metodi robusti per la selezione di modelli". In: *Atti della XL Riunione Scientifica della Società Italiana di Statistica*. Firenze.

— (1998d). "Verosimiglianza pesata nel modello di regressione lineare". In: *Atti della XXXIX Riunione scientifica della Società Italiana di Statistica*. Sorrento: Istituto di Statistica e Matematica, Istituto Universitario Navale di Napoli, pp. 273–274.

Agostinelli, Claudio and Claudio Capiluppi (1995). "Non linear models for fitting dose-effect curves for quality indicators: the case of Chemical Index calibration curves". In: *Book of Abstract of 10th International Workshop on Statistical Modelling*. Innsbruck.

Technical reports, working papers and miscellaneous

Agostinelli, Claudio and Luca Greco (2010). *A weighted strategy to handle likelihood uncertainty in Bayesian inference*. Working Paper 2010. Venezia: Dipartimento di Statistica, Università Ca' Foscari.

Riani, Marco et al., eds. (2009). *ICORS09 International Conference on Robust Statistics: Book of Abstract*. Treviso.

Agostinelli, Claudio (2008a). *Bias Bound for the minimax estimator*. Working Paper 2008.5. Dipartimento di Statistica, Università Ca' Foscari.

Agostinelli, Claudio (2008b). *Bias of estimators under contamination*. Working Paper 2008.2. Dipartimento di Statistica, Università Ca' Foscari, p. 11.

Agostinelli, Claudio and Mario Romanazzi (2008a). *Advances in Data Depth*. Working Paper 2008.4. Venezia: Dipartimento di Statistica, Università Ca' Foscari, p. 28.

— (2008b). *Local depth of multidimensional data*. Working Paper 2008.3. Dipartimento di Statistica, Università Ca' Foscari, Venezia, p. 38.

Agostinelli, Claudio (2007a). *Estimating the model of the majority of the data*. Working Paper 2. Venezia: Dipartimento di Statistica, Università Ca' Foscari.

Agostinelli, Claudio and Mario Romanazzi (2007b). *Local depth of univariate distributions*. Working Paper 2007.1. Dipartimento di Statistica, Università Ca' Foscari, Venezia.

Agostinelli, Claudio (2006b). *Robust estimation via identification disparity*. Working Paper 2006.1. Venezia: Dipartimento di Statistica, Università Ca' Foscari.

Agostinelli, Claudio, Domenico Cucina, and Irene Poli (2005). *A simulation platform for an electric field particle dynamics (EFDP)*. Technical Report 2005.1. Dipartimento di Statistica, Università Ca' Foscari di Venezia.

Agostinelli, Claudio and Alessandra Dalla Valle (2005). *Likelihood Disparity Estimation for Skew Normal Distribution*. Working Paper 2005.1.

Agostinelli, Claudio and Margherita Gerolimetto (2005). *A robust unit root test with weighted conditional likelihood*. Working paper 2005.3. Dipartimento di Statistica, Università Ca' Foscari di Venezia.

Poli, Irene et al. (2005). *Evolutionary designs for microfluidic experiments*. Technical Report 2005.10. Dipartimento di Statistica, Università Ca' Foscari di Venezia.

Agostinelli, Claudio (2004b). *Notes on Pearson residuals and Weighted Likelihood Estimating Equations*. Working paper 2004.4. Venezia: Dipartimento di Statistica, University of Venezia.

— (2004d). *Robust Akaike Information Criterion for Arma models*. Working paper 2004.2. Venezia: Dipartimento di Statistica, University of Venezia.

— (2004e). *Robust estimation for circular data*. Working Paper 2004.3. Venezia: Dipartimento di Statistica, University of Venezia.

— (2004f). *Robust identification property*. Working paper 2004.1. Venezia: Dipartimento di Statistica, University of Venezia.

Agostinelli, Claudio and Luisa Bisaglia (2003). *Robust estimation of ARFIMA processes*. Working Paper 2003.1. Venezia: Dipartimento di Statistica, University of Venezia.

Agostinelli, Claudio and Irene Poli (2003a). *Evolutionary Computation for Classification and Regression Trees*. Working Paper 2003.3. Venezia: Dipartimento di Statistica, University of Venezia.

Muggeo, Vito M R and Claudio Agostinelli (2003). *The analysis of global temperature anomalies: inferences on trend and changepoint parameters in time series*. Working Paper 2003.2. Venezia: Dipartimento di Statistica, University of Venezia.

Agostinelli, Claudio and Silvia Sartorelli (2002). *Introduzione al linguaggio di SAS System*. Tech. rep. Quaderni ASID, Facoltà di Scienze Statistiche, University of Padova.

Agostinelli, Claudio (2001a). *Robust time series estimation via weighted likelihood: some preliminary results*. Working paper 2001.3. Padova: Dipartimento di Scienze Statistiche, University of Padova.

Agostinelli, C. and R. Rotondi (2000). *Bayesian belief networks in the analysis of the sthocastic dependence among interevent time and size of earthquakes*. Working Paper 2000.7. Milano: Istituto per le applicazioni della matematica e dell'informatica, CNR.

Agostinelli, Claudio (2000b). *Robust stepwise regression*. Working paper 2000.10. Dipartimento di Scienze Statistiche, University of Padova.

Rotondi, R. and C. Agostinelli (2000). *Esame di zone sismogenetiche attraverso lo studio di relazioni di dipendenza stocastica fra tempi di intercorrenza e intensità*. Tech. rep. Istituto per le Applicazioni della Matematica e dell'Informatica, CNR, Milano.

Agostinelli, Claudio (1999a). *Robust model selection by Cross-Validation via weighted likelihood methodology*. Working paper 1999.37. Padova: Dipartimento di Scienze Statistiche, University of Padova.

— (1999b). *Robust model selection in regression via weighted likelihood methodology*. Working paper 1999.4. Dipartimento di Scienze Statistiche, University of Padova.

Agostinelli, Claudio and Silvia Sartorelli (1999). *Introduzione al linguaggio di SAS System*. Tech. rep. Quaderni ASID, Facoltà di Scienze Statistiche, University of Padova.

Agostinelli, Claudio (1998b). *Reti bayesiane e modelli probabilistici nell'analisi dei terremoti in Italia*. Working paper. Padova: Dipartimento di Scienze Statistiche, University of Padova.

— (1998c). *Test of hypotheses based on the weighted likelihood methodology*. Working paper. Dipartimento di Scienze Statistiche, University of Padova.

— (1997). *A one-step robust estimator based on the weighted likelihood methodology*. Working paper 1997.16. Dipartimento di Scienze Statistiche, University of Padova.

Agostinelli, Claudio and Claudio Capiluppi (1994). *Valutazione statistica di modelli non lineari per la trasformazione di indicatori ambientali in indici di danno atteso*. Working paper. Padova: Dipartimento di Scienze Statistiche, University of Padova.