

Bibliographie

Articles:

- Chauvet J., Trottier C., Bry X. (2019): *Component-based regularisation of multivariate generalised linear mixed models*, Journal of Computational and Graphical Statistics (in press).
- Bry X., Trottier C., Mortier F., Cornu G. (2018): *Component-based regularisation of a multivariate GLM with a thematic partitioning of the explanatory variables*, Statistical Modeling, SAGE (in press).
- Bry X., Simac T., El Ghachi S., Antoine P. (2018) : *Bridging data exploration and modeling in event-history analysis: the supervised-component Cox regression*, Mathematical Population Studies (in press).
- Bougeard, S.; Niang, N.; Verron, T.; Bry, X. (2018): *Current multiblock methods: competition or complementarity? A comparative study in a unified framework*, Chemometrics and Intelligent Laboratory Systems.
- Barbieri, A.; Tami, M.; Bry, X.; Azria, D.; Gourgou-Bourgade, S.; Mollevi, C.; Lavergne, C. (2017): *EM algorithm estimation of a structural equation model for the longitudinal study of the quality of life*, Statistics in Medicine.
- Bry X., Verron T. (2015) : *THEME: THEMatic Model Exploration through Multiple Co-Structure maximization*. Journal of Chemometrics, vol.29, 12; pp.637-647
- Bry, X., Robette, N., Roueff, O. (2015): *A dialogue of the deaf in the statistical theater? Addressing structural effects within a geometric data analysis framework - Quality & Quantity*, International Journal of Methodology, vol. 49, n°2, Springer.
- Robette N., Bry X., Lelièvre E., 2015, *Positivism and big time fishing*, Sociological Methodology, vol.45(1), p.88-100.
- Robette, N., Bry, X., and Lelièvre, E. (2015). *A “globally interdependent multiple sequence analysis” approach to uncover patterns of linked life courses*. Sociological Methodology, 1-44.
- Bry X., Lavergne C., Saidane M., 2013 : *Generalized Linear Factor Models: A New Local EM Estimation Algorithm*, Communications in Statistics - Theory and Methods 42, 16 (2013) 2944-2958 [hal-00857471 - version 1]
- Bry X., Trottier C., Verron T., Mortier F. (2013) : *Supervised Component Generalized Linear Regression using a PLS-extension of the Fisher scoring algorithm*, Journal of Multivariate Analysis, 119, 47–60.
- Bry X., Verron T., Redont P., Cazes P. (2012) : *THEME-SEER: a multidimensional exploratory technique to analyze a structural model using an extended covariance criterion - Journal of Chemometrics*, 26, pp 158-169.
- Poonlaphdecha J., Maraval I., Roques S., Audebert A., Boulanger R., Bry X., and Gunata Z. : *Effect of Timing and Duration of Salt Treatment during Growth of a Fragrant Rice Variety on Yield and 2-Acetyl-1-pyrroline, Proline, and GABA Levels*, J. Agric. Food Chem., 2012, 60 (15), pp 3824–3830.
- Lauri P.-E., Gorza O., Cochard H., Martinez S., Celton J.-M., Ripetti V., Lartaud M., Bry X., Trottier C., Costes E.: *Genetic determinism of anatomical and hydraulic traits within an apple progeny - Plant, Cell and Environment* (2011) 34, 1276–1290
- Bry X., Verron T., Cazes P. (2009) : *Exploring a physico-chemical multi-array explanatory model with a new multiple covariance-based technique: Structural equation exploratory regression*, Anal. Chim. Acta, 642 (2009) 45–58.

- Bry X., Verron T. (2008) : *Modélisation factorielle des interactions entre deux ensembles d'observations: la méthode FILM (Factor Interaction Linear Modelling)*, Journal de la SFdS/RSA (Paris) 149 - N°2.
- Bry X. (2006) : *Extension de l'Analyse en Composantes Thématiques univariée au modèle linéaire généralisé*, RSA vol. 54, n°3, pp. 5-32.
- Françoise Le Pimpec-Barthes, Claire Danel, Roger Lacave, Sylvie Ricci, Xavier Bry, Frédérique Lancelin, Cécile Leber, Bernard Milleron, Jocelyne Fleury-Feith, Marc Riquet, Jean-François Bernaudin (2005): *Association of CK19 mRNA detection of occult cancer cells in mediastinal lymph nodes in non-small cell lung carcinoma and high risk of early recurrence*. European Journal of Cancer, 41 pp. 306-312
- Bry X. (2004) : *Une méthodologie exploratoire pour l'analyse et la synthèse d'un modèle explicatif: l'Analyse en Composantes Thématiques*, Thèse de doctorat, Université de Paris IX Dauphine.
- Bry X., Antoine P. (2004), *Explorer l'explicatif ; application à l'analyse biographique – Population-F* 59(6), pp. p909-945 / *Exploring explanatory models ; an event history application – Population-E* 59(6).
- Bry X. (2004) : *Estimation empirique d'un modèle à variables latentes comportant des interactions – RSA* vol. 52 n°3, 2004
- Bry X. (2003) : *Une méthode d'estimation empirique d'un modèle à variables latentes : l'Analyse en Composantes Thématiques*, RSA vol. 51, n°2, pp. 5-45.
- Bry X. (2001) : *Une autre approche de l'Analyse Factorielle : l'Analyse en Résultantes Covariantes – RSA* vol. XLIX (3), pp. 5-38.

Actes de congrès internationaux avec comité de lecture:

- Bry X., Simac T., Verron T. (2016) : *Supervised-Component based Cox Regression*, COMPSTAT 2016, Proceedings, Springer.
- Chauvet J., Bry X., Trottier C., Mortier F. (2016) : *Extension to mixed models of the Supervised Component-based Generalised Linear Regression*, COMPSTAT 2016, Proceedings, Springer.
- Bry X., Trottier C., Verron T., Mortier F., Cornu G. (2014) : *Extending SCGLR to multiple regressor-groups: The Theme-SCGLR method*, proceedings of PLS 2014 - Paris.
- Bry X., Trottier C., Verron T., Mortier F. (2012): *Supervised Component Generalized Linear Regression using a PLS-extension of the Fisher scoring algorithm*, COMPSTAT 2012 proceedings, ISI.
- Bry X., Verron T., Redont P. (2010) : *Multidimensional Exploratory Analysis of a Structural Model using a class of generalized covariance criteria*, COMPSTAT 2010, Proceedings, Springer.

Chapitres de livre:

- Bry X., Trottier C., Mortier F., Cornu G., Verron T. (2016): *Supervised-Component-based Generalised Linear Regression with multiple explanatory blocks: THEME-SCGLR*, in *The Multiple Facets of Partial Least Squares and Related Methods*, Springer.
- ROBETTE N., LELIEVRE E., BRY X., (2012) - « La transmission des trajectoires d'activité : telles mères, telles filles ? », p.397-420. Chap.20, In Bonvalet, Lelièvre (Eds.). De la famille à l'entourage, Collection Les Grandes Enquêtes, Paris, INED / Presses universitaires de France (PUF).
- ROBETTE N., LELIEVRE E., BRY X., 2009.-« Les trajectoires d'activité sur deux générations : continuités et singularités entre mères et filles » Journées d'Études du Lasmas. *Les cheminements longs : données, méthodes, apports pour les analyses du marché du travail*.

In : *La famille à différentes échelles, de l'entourage à l'espace résidentiel*, sous la direction de C. Bonvalet et E. Lelièvre ; Collection Grandes enquêtes.

- Bry X. (2006) : *Modélisation et analyse statistique des transitions graduelles* – in : Etats flous et trajectoires complexes, **GRAB** - Méthodes et Savoirs n°5, Ed. de l'Ined/PUF, Paris.
- Casta J.-F., Bry X. (2003): *Synergy modelling and financial valuation : the contribution of fuzzy integrals* – in : *Connexionist Approaches in Economics and Management Sciences*, (C. Lesage, M. Cottrell editeurs), coll. *Advances in Computational Management Science*, Kluwer.

Livres:

- *Analyses factorielles simples* - Economica Poche (coll. Techniques Quantitatives) 1995.
- *Analyses factorielles multiples* - Economica Poche (coll. Techniques Quantitatives) 1996.