



Universiteit
Leiden
The Netherlands

Algorithmic tools for data-oriented law enforcement

Cocx, T.K.

Citation

Cocx, T. K. (2009, December 2). *Algorithmic tools for data-oriented law enforcement*. Retrieved from <https://hdl.handle.net/1887/14450>

Version: Corrected Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/14450>

Note: To cite this publication please use the final published version (if applicable).

Bibliography for Part II

- [1] H. Abdi. Least squares. In *Encyclopedia for Research Methods for the Social Sciences*, pages 792–795. Thousand Oaks (CA): Sage, 2003.
- [2] H. Abdi. Signal detection theory. In *Encyclopedia of Measurement and Statistics*. Thousand Oaks (CA): Sage, 2007.
- [3] American Psychological Association. *Merriam-Webster's Medical Dictionary*. Merriam-Webster, Incorporated, 2007.
- [4] J. Anderson. *Learning and Memory*. Wiley and Sons, New York, 1995.
- [5] R.H. Bartels, J.C. Beatty, and B.A. Barsky. *An Introduction to Splines for Use in Computer Graphics and Geometric Modelling*. Morgan Kaufmann, 1987.
- [6] C.M. Bishop. *Pattern Recognition and Machine Learning*. Springer Science, 2006.
- [7] M. Blom, J. Oudhof, R.V. Bijl, and B.F.M. Bakker. Verdacht van criminaliteit, allochtonen en autochtonen nader bekeken (English from p. 84). Technical Report 2005-2, Dutch, Scientific Research and Documentation Centre (WODC) and Statistics Netherlands (CBS), 2005.
- [8] D.M. Boyd and N.B. Ellison. Social network sites: Definition, history and scholarship. *Journal of Computer-Mediated Communication*, 13(1), 2007.
- [9] J. Broekens, T. Cocx, and W.A. Kusters. Object-centered interactive multi-dimensional scaling: Ask the expert. In *Proceedings of the Eighteenth Belgium-Netherlands Conference on Artificial Intelligence (BNAIC2006)*, pages 59–66, 2006.
- [10] J.S. de Bruin, T.K. Cocx, W.A. Kusters, J.F.J. Laros, and J.N. Kok. Data mining approaches to criminal career analysis. In *Proceedings of the Sixth IEEE International Conference on Data Mining (ICDM 2006)*, pages 171–177. IEEE, 2006.
- [11] J.S. de Bruin, T.K. Cocx, W.A. Kusters, J.F.J. Laros, and J.N. Kok. Onto clustering criminal careers. In *Proceedings of the ECML/PKDD 2006 Workshop on Practical Data Mining: Applications, Experiences and Challenges*, pages 92–95, 2006.

- [12] M. Chau, J. Xu, and H. Chen. Extracting meaningful entities from police narrative reports. In *Proceedings of The National Conference on Digital Government Research*, pages 1–5, 2002.
- [13] T.K. Cocx, W.A. Kusters, and J.F.J. Laros. Enhancing the automated analysis of criminal careers. In *SIAM Workshop on Link Analysis, Counterterrorism, and Security 2008 (LACTS2008)*. SIAM Press, 2008.
- [14] T.K. Cocx, W.A. Kusters, and J.F.J. Laros. Temporal extrapolation within a static clustering. In *Foundations of Intelligent Systems, Proceedings of the Seventeenth International Symposium on Methodologies for Intelligent Systems (ISMIS 2008)*, volume 4994 of *LNAI*, pages 189–195. Springer, 2008.
- [15] M.L. Davison. *Multidimensional Scaling*. John Wiley and Sons, New York, 1983.
- [16] S.C. Dombrowski, K.L. Gischlar, and T. Durst. Safeguarding young people from cyber pornography and cyber sexual predation: A major dilemma of the internet. *Child Abuse Review*, 16(3):153–170, 2007.
- [17] S.C. Dombrowski, J.W. LeMasney, C. E. Ahia, and S.A. Dickson. Protecting children from online sexual predators: Technological, psychoeducational, and legal considerations. *Professional Psychology: Research and Practice*, 35(1):65–73, 2004.
- [18] J.S. Donath. Identity and deception in the virtual community. *Communities in Cyberspace*, 1998.
- [19] A.E. Eiben and J.E. Smith. *Introduction to Evolutionary Computing*. Springer, 2003.
- [20] M. Elliott, K. Browne, and J. Kilcoyne. Child abuse prevention: What offenders tell us. *Child Abuse and Neglect*, 19:579–594, 1995.
- [21] FBI. The FBI strategic plan, 2004–2009, <http://www.fbi.gov/>.
- [22] D. Finkelhor, K. Mitchell, and J. Wolak. Online victimization: A report on the nation’s youth. Technical report, National Center for Missing and Exploited Children, 2000.
- [23] H.G. Goldberg and R.W.H. Wong. Restructuring transactional data for link analysis in the FinCEN AI system. In *Papers from the AAAI Fall Symposium*, pages 38–46, 1998.
- [24] T. Hastie, R. Tibshirani, and J. Friedman. *The Elements of Statistical Learning; Data Mining, Inference, and Prediction*. Springer, 2001.
- [25] W.A. Kusters and J.F.J. Laros. Visualization on a closed surface. In *Proceedings of the Nineteenth Belgium-Netherlands Conference on Artificial Intelligence (BNAIC2007)*, pages 189–195, 2007.

- [26] W.A. Kusters, E. Marchiori, and A. Oerlemans. Mining clusters with association rules. In *Proceedings of the Third Symposium on Intelligent Data Analysis (IDA99)*, volume 1642 of *LNCS*, pages 39–50. Springer, 1999.
- [27] W.A. Kusters and M.C. van Wezel. Competitive neural networks for customer choice models. In *E-Commerce and Intelligent Methods, Studies in Fuzziness and Soft Computing 105*, pages 41–60. Physica-Verlag, Springer, 2002.
- [28] N. Kumar, J. de Beer, J. Vanthienen, and M.-F. Moens. Evaluation of intelligent exploitation tools for non-structured police information. In *Proceedings of the ICAIL 2005 Workshop on Data Mining, Information Extraction and Evidentiary Reasoning for Law Enforcement and Counter-terrorism*, 2005.
- [29] J. Lammers, W. van Tilburg, L. Prins, H. de Miranda, and K. Lakhi. National criminal chart 2004 (Landelijke criminaliteitskaart 2004). Technical Report 27/2005, Dutch, Dienst Nationale Recherche Informatie (DNRI), 2005.
- [30] L.A. Malesky. Predatory online behavior: Modus operandi of convicted sex offenders in identifying potential victims and contacting minors over the internet. *Journal of Child Sexual Abuse*, 16(2):23–32, 2007.
- [31] K.J. Mitchell, J. Wolak, and D. Finkelhor. Police posing as juveniles online to catch sex offenders: Is it working? *Sexual Abuse: A Journal of Research and Treatment*, 17(3):241–267, 2005.
- [32] D.S. Moore and G.P. McCabe. *Introduction to the Practice of Statistics*. W.H. Freeman and Co., 4th edition, 2003.
- [33] T. O’Reilly. What is Web 2.0 — Design patterns and business models for the next generation of software. Technical report, O’Reilly, 2005.
- [34] K. Pearson. On lines and planes of closest fit to systems of points in space. *Phil. Mag.*, 2(6):559–572, 1901.
- [35] C. Runge. Über Empirische Funktionen und die Interpolation zwischen äquidistanten Ordinaten. *Zeitschrift für Mathematik und Physik*, 46:224–243, 1901.
- [36] B. Schermer. *Software Agents, Surveillance, and the Right to Privacy: A Legislative Framework for Agent-enabled Surveillance*. PhD thesis, Leiden University, 2007.
- [37] R. Sietsma. *Gegevensverwerking in het kader van de opsporing; toepassing van datamining ten behoeve van de opsporingstaak: Afweging tussen het opsporingsbelang en het recht op privacy*. PhD thesis, Dutch, Leiden University, 2007.
- [38] M. Sullivan. *Safety Monitor; How to Protect your Kids Online*. Bonus Books, 2002.
- [39] R. Sun and C.L. Giles. Sequence learning: From recognition and prediction to sequential decision making. *IEEE Intelligent Systems*, 16:67–70, 2001.

- [40] R. Sun, E. Merrill, and T. Peterson. From implicit skills to explicit knowledge: A bottom-up model of skill learning. *Cognitive Science*, 25(2):203–244, 2001.
- [41] SPSS LexiQuest website. <http://www.spss.com/spssbi/lexiquest/>, accessed 01-2006.