

Publikationen

Referierte Artikel und Beiträge in Sammelbänden

Topological Data Analysis for Extracting Hidden Features of Client Data

K.B. Schebesch, R. Stecking (2017)

Doerner, K., Ljubic, I., Pflug, G. and Tragler, G. (Eds.): Operations Research Proceedings 2015. Springer, Cham 483-489

Classification of credit scoring data with privacy constraints

R. Stecking, K.B. Schebesch (2015)

Intelligent Data Analysis, vol. 19, no. s1, 3-18

Clustering for Data Privacy and Classification Tasks

K.B. Schebesch, R. Stecking (2014)

Huisman, D., Louwerse, I. and Wagelmans, A.P.M. (Eds.): Operations Research Proceedings 2013. Springer, Cham 397-403

Symbolic Cluster Representations for SVM in Credit Client Classification Tasks

R. Stecking, K.B. Schebesch (2013)

Giudici, P., Ingrassia, S., Vichi, M. (Eds.): Statistical Models for Data Analysis. Springer, Cham 353-360

On semi-supervised Support Vector Machines for credit client classification with fictitious training

K.B. Schebesch, R. Stecking (2013)

Nakov, O., Borovska, P., Antonio, A., Mladenov, V., Zinchenko, L. and Fuentes-Penna, A. (Eds.): Recent Advances in Computer Science. WSEAS Press 78-82

Data Privacy in Credit Scoring: Evaluating SVM Approaches Based on Microaggregated Data

R. Stecking, K.B. Schebesch (2013)

Minerva, T., Morlini, I. and Palumbo, F. (Eds.): CLADAG 2013. 9th Meeting of the Classification and Data Analysis Group. Book of Abstracts. CLEUP 439-442

Data and Cluster Encoding for Classifiers: Towards Scoring Large Client-Bases

R. Stecking, K.B. Schebesch (2012)

Bratianu, C., Bratucu, G., Lixandriou, D., Pop, N. and Vaduva, S. (Eds.): Business Excellence Challenges During the Economic Crisis. Editura Universitatii "Transilvania", Brasov 202-207

Classification of Large Imbalanced Credit Client Data with Cluster Based SVM

R. Stecking, K.B. Schebesch (2012)

Gaul, W., Geyer-Schulz, A., Schmidt-Thieme, L. and Kunze, J. (Eds.): Challenges at the Interface of Data Analysis, Computer Science, and Optimization. Springer, Berlin 443-451

Classifying Large Credit Data With Symbolic Cluster Representations: Evaluating SVM Based Approaches

R. Stecking, K.B. Schebesch (2011)

Cerchiello, P. and Tarantola, C. (Eds.): CLADAG 2011. Pavia University Press, 4pp.

Data Similarity in Classification and Fictitious Training Data Generation

R. Stecking, K.B. Schebesch (2009)

Fleischmann, B., Borgwardt, K. H., Klein, R. and Tuma, A. (Eds.): Operations Research Proceedings 2008. Springer, Berlin 395-400

Using Multiple SVM Models for Unbalanced Credit Scoring Data Sets

K.B. Schebesch, R. Stecking (2008)

Preisach, C., Burkhardt, H., Schmidt-Thieme, L. and Decker, R. (Eds.): Data Analysis, Machine Learning and Applications. Springer, Berlin 515-522

Improving Classifier Performance by Using Fictitious Training Data? A Case Study

R. Stecking, K.B. Schebesch (2008)

Kalcsics, J., Nickel, S. (Eds.): Operations Research Proceedings 2007. Springer, Berlin 89-94

Combining Support Vector Machines for Credit Scoring

R. Stecking, K.B. Schebesch (2007)

Waldmann, K.-H., Stocker, U.M. (Eds.): Operations Research Proceedings 2006. Springer, Berlin 135-140

Selecting SVM Kernels and Input Variable Subsets in Credit Scoring Models

K.B. Schebesch, R. Stecking (2007)

Decker, R., Lenz, H.-J. (Eds.): Advances in Data Analysis. Springer, Berlin, 179-186

Variable Subset Selection for Credit Scoring with Support Vector Machines

R. Stecking, K.B. Schebesch (2006)

Haasis, H.-D., Kopfer, H. and Schönberger, J. (Eds.): Operations Research Proceedings 2005. Springer, Berlin 251-256

Comparing and Selecting SVM-Kernels for Credit Scoring

R. Stecking, K.B. Schebesch (2006)

Spiliopoulou, M., Kruse, R., Borgelt, C., Nürnberger, A. and Gaul, W. (Eds.): From Data and Information Analysis to Knowledge Engineering. Springer, Berlin, 542-549

Support vector machines for credit applicants: detecting typical and critical regions

K.B. Schebesch, R. Stecking (2005)

Journal of the Operational Research Society, 56(9), 1082-1088

Extracting Rules from Support Vector Machines

K.B. Schebesch, R. Stecking (2005)

Fleuren, H., den Hertog, D. and Kort, P. (Eds.): Operations Research Proceedings 2004. Springer, Berlin 408-415

Informative Patterns for Credit Scoring Using Linear SVM

R. Stecking, K.B. Schebesch (2005)

Weih, C. and Gaul, W. (Eds.): Classification – The Ubiquitous Challenge. Springer, Berlin, 450-457

Support Vector Machines for Credit Scoring: Extension to Non Standard Cases

K.B. Schebesch, R. Stecking (2005)

Baier, D. and Wernecke, K.-D. (Eds.): Innovations in Classification, Data Science and Information Systems. Springer, Berlin, 498-505

Support Vector Machines for Credit Scoring: Comparing to and Combining with some Traditional Classification Methods

R. Stecking, K.B. Schebesch (2003)

Schader, M., Gaul, W. and Vichi, M. (Eds.): Between Data Science and Applied Data Analysis. Springer, Berlin, 604-612

Sonstige Beiträge in Sammelbänden

Credit Client Classification: Models Using Information from Class Boundaries and from Cluster Representatives

K.B. Schebesch, R. Stecking (2011)

Credit Scoring and Credit Control XII Conference, CRC Edinburgh, 9 pp.

Clustering Large Credit Client Data Sets for Classification with SVM

R. Stecking, K.B. Schebesch (2009)

Credit Scoring and Credit Control XI Conference, CRC Edinburgh, 15 pp.

Using Support Vector Machines in Credit Scoring to select informative patterns and to extract rules from credit data pools

R. Stecking, K.B. Schebesch (2005)

Information & Knowledge Age. The Proceedings of the Seventh International Conference on Informatics in Economy. Infocrec, Bucharest, 532-537

Support Vector Machines: Advanced Method for Credit Scoring

R. Stecking, K.B. Schebesch (2005)

Ehrig, D. and Staroske, U. (Eds.): Dimensionen angewandter Wirtschaftsforschung: Methoden, Regionen, Sektoren. Hamburg, 59-85

Data-oriented Artificial Intelligence I+II

K.B. Schebesch, R. Stecking (2003)

Master of International Business Informatics Handbook. Editura ASE, Bucharest, 257-264

Support Vector Machines with Applications to Credit Scoring

R. Stecking, K.B. Schebesch (2003)

Digital Economy. The Proceedings of the Sixth International Conference on Informatics in Economy. Infocrec, Bucharest, 849-855

Credit Scoring im Bankkreditwesen

R. Stecking (2003)

Schaefer, H. (Ed.): Kredit und Risiko: Basel II und die Konsequenzen für Banken und Mittelstand. Metropolis-Verlag, Marburg, 45-56

Monographien

Support Vector Machines for Credit Scoring

R. Stecking (2008)

Habilitationsschrift, bislang unveröffentlicht

Marktsegmentierung mit Neuronalen Netzen

R. Stecking (2000)

DUV, Wiesbaden

Vorträge

Granular Credit Data Classification with SVM Based Approaches

Conference of the International Federation of Classification Societies (IFCS) 2017, Tokyo, Japan, 08.08.2017

Microaggregation and Data Coding: Towards Privacy Preserving in Credit Client Data Modeling

Business Analytics in Finance and Industry (BAFI) 2015, Second Conference, Santiago de Chile, 16.12.2015

Microaggregation Procedures for Data Privacy Concerns

Challenges for Managing Regional Unemployment in Present and Future Labor Markets Arad 2014 Workshop, Arad, Romania, 21.11.2014

Data Privacy in Credit Scoring: Evaluating SVM Approaches Based on Microaggregated Data

CLADAG 2013 Conference, Modena, Italy, 20.09.2013

Classifying Large Credit Data With Symbolic Cluster Representations: Evaluating SVM Based Approaches

CLADAG 2011 Conference, Pavia, Italy, 07.09.2011

Credit Client Classification: Models Using Information from Class Boundaries and from Cluster Representatives

Credit Scoring and Credit Control XII, Edinburgh, Scotland, 25.08.2011

Semi-supervised SVM for Credit Client Classification with Fictitious Training Data

Operations Research 2010 Conference, München, 02.09.2010

Classification of Large Imbalanced Credit Client Data with Cluster Based SVM

34th Annual Conference of the GfKI 2010, Karlsruhe, 23.07.2010

Clustering Large Credit Client Data Sets for Classification with SVM

Credit Scoring and Credit Control XI, Edinburgh, Scotland, 26.08.2009

Fictitious Training Data and Semi-supervised Classification

11th Conference of the IFCS 2009, Dresden, 17.03.2009

Data similarity in classification and fictitious training data generation

Operations Research 2008 Conference, Augsburg, 03.09.2008

Generating Fictitious Training Data for Credit Client Classification

32nd Annual Conference of the GfKI 2008, Hamburg, 16.07.2008

Support Vector Machines: Ein neuer Ansatz zur Kreditwürdigkeitsanalyse?

Volkswirtschaftliches Kolloquium, Universität Oldenburg, Institut für Volkswirtschaftslehre und Statistik, 26.11.2007

Improving Classifier Performance by Using Fictitious Training Data? A Case Study

Operations Research 2007 Conference, Saarbrücken, 07.09.2007

Using Multiple SVM Models for Unbalanced Credit Scoring Data Sets

31st Annual Conference of the GfKI 2007, Freiburg, 08.03.2007

Combining Support Vector Machines for Credit Scoring

Operations Research 2006 Conference, Karlsruhe, 07.09.2006

Support Vector Machines zur Klassifikation von Kreditkundendaten

Vortragsreihe „Business Intelligence“, TU Braunschweig, Wirtschaftsinformatik, 11.05.2006

SVM-Kernel Selection for fixed Input Variable Subsets in Credit Scoring Models

30th Annual Conference of the GfKI 2006, Berlin, 08.03.2006

Variable Subset Selection for Credit Scoring with Support Vector Machines

Operations Research 2005 Conference, Bremen, 09.09.2005

Using Support Vector Machines in Credit Scoring to select informative patterns and to extract rules from credit data pools

Seventh International Conference on Economic Informatics, Bucharest, Romania, 20.05.2005

Comparing and Selecting SVM-Kernels for Credit Scoring

29th Annual Conference of the GfKI 2005, Magdeburg, 09.03.2005

Extracting Rules from Support Vector Machines

Operations Research 2004 Conference, Tilburg, Netherlands, 03.09.2004

Detecting Informative Patterns for Credit Scoring by using Support Vector Machines for Subset Preselection

28th Annual Conference of the GfKI 2004, Dortmund, 10.03.2004

Experiences with Practical Stages in Bremen 2003

International Workshop “Actual Problems of Business Informatics in BRIE Master Program”, Giurgiu, Romania, 13.12.2003

Support Vector Machines im Banksektor: Automatische Klassifikation von Kreditkunden?

Ringvorlesung „Data Mining und Statistisches Lernen“, Universität Hamburg, Mathematisches Institut, 11.11.2003

Support Vector Machines for Classifying and Describing Credit Applicants: Detecting Typical and Critical Regions

Credit Scoring and Credit Control VIII, Edinburgh, Scotland, 03.09.2003

Support Vector Machines with Applications to Credit Scoring

Sixth International Conference on Economic Informatics, Bucharest, Romania, 08.05.2003

Support Vector Machines for Credit Scoring: Extension to Non Standard Cases

27th Annual Conference of the GfKI 2003, Cottbus, 13.03.2003

Credit Scoring: Erfahrungen im Baukreditwesen und neuere Ansätze

Workshop: Basel II und die Konsequenzen für Banken und Mittelstand, Universität Bremen, IKSF, 08.11.2002

Support Vector Machines for Credit Scoring: Comparing to and Combining with some Traditional Classification Methods

26th Annual Conference of the GfKI 2002, Mannheim, 24.07.2002