

## References

- [1] Gamberger, D., Sekušak, S., Sabljčić, A. (1993) *Modelling Biodegradation by an Example-Based Learning System*. Informatica, 17:2;157–166.  
infor93/informat.tex (separati)
- [2] Gamberger, D. (1995) A minimization approach to propositional inductive learning. In *Proc. of the 8th European Conference on Machine Learning* Springer, pp. 151–160.  
grcka/grc95.tex (zbornik)
- [3] Lavrač, N., Gamberger, D., and Džeroski, S. (1995) An approach to dimensionality reduction in learning from deductive databases, In *Proc. of the 5th International Workshop on Inductive Logic Programming (ILP-95)*, IOS Press, pp. 337–354.  
ilp95/ilp95.tex (PAZI, nemam niti kopiju originala)
- [4] Gamberger, D. (1995) Specific rule induction for medical domains. In *Proc. Computer-Aided Data Analysis in Medicine, CADAM-95*, IJS Scientific Publishing, pp. 136–145.  
bled/bled95.tex (zbornik)
- [5] Gamberger, D., Sekušak, S., Medven, Ž., and Sabljčić, A. (1996) Application of artificial intelligence in biodegradation modelling. In Peijnenburg, W. and Damborsky, J. editors, *Biodegradability Prediction*, Kluwer pp. 41–50.  
(PAZI, nemam file, samo kopiju originala)
- [6] Gamberger, D., Horvatić, D., Sekušak, S., and Sabljčić, A. (1996) *Applications of experts' judgement to derive structure-biodegradation relationships*. Environmental Sciences and Pollution Research. 3:224–228.  
(PAZI, nemam file, samo separate)
- [7] Gamberger, D. (1996) Induction of redundant rules for medical applications. In *Proc. of IDAMAP Workshop at 12th European Conference on Artificial Intelligence (ECAI-96)*, Springer, pp. 27–30.  
idamap96/idamap96-bc.tex (zbornik)
- [8] Gamberger, D. and Lavrač, N. (1996) Noise detection and elimination applied to noise handling in a KRK chess endgame. In *Proc. of the 6th International Workshop on Inductive Logic Programming (ILP-96)*, Springer, pp. 59–75.  
ilp96/ilp96.tex (zbornik)
- [9] Gamberger, D., Lavrač, N., and Džeroski, S. (1996) Noise Elimination in Inductive Concept Learning: A case study in medical diagnosis. In *Proc. of the 7th International Workshop on Algorithmic Learning Theory (ALT-96)*, Springer, pp. 199–212.  
alt96/alt96reuma.tex (zbornik)

- [10] Lavrač, N., Gamberger, D., and Turney, P. (1996) Cost-sensitive feature reduction applied to a hybrid genetic algorithm. In *Proc. of the 7th International Workshop on Algorithmic Learning Theory (ALT-96)*, Springer, pp. 127–134.  
alt96/alt96 trains.tex (zbornik)
- [11] Sonicki, Z., Gamberger, D., and Kern, J. (1996) Comparison of two inductive algorithms in diagnosing thyroid functional status. In *Proc. 11th International Symposium on Biomedical Engineering (ISBE-96)*, 130–132.  
soni/soni.doc (kopija iz zbornika)
- [12] Gamberger, D. and Lavrač, N. (1997) Conditions for Occam’s razor applicability and noise elimination. In *Proc. of 9th European Conference on Machine Learning, ECML97*, Springer, pp.108–123.  
ecml97/ecml97.tex (zbornik)
- [13] Lavrač, N., Gamberger, D., and Džeroski, S. (1997) Noise elimination applied in early diagnosis of rheumatic diseases. In N. Lavrač, E. Keravnou and B. Zupan, editors, *Intelligent Data Analysis in Medicine and Pharmacology*, Kluwer, pp. 187–205.  
kluwer-book/reuma.tex (kopija iz knjige)
- [14] Lavrač, N., Gamberger, D., and Turney, P. (1997) Preprocessing by a cost-sensitive literal reduction algorithm: REDUCE. In Della Riccia, G., Lenz, H., and Kruse, R. editors, *Learning, Networks and Statistics*, Springer, pp. 174–196.  
ISSEK96/issek96.tex (kopija iz knjige)
- [15] Kern, J., Gamberger, D., Sonicki, Z., and Vuletić, S. (1997) ILLM - Inductive learning algorithm as a method for prediction of life expectancy achieving. In *Proc. of Medical Informatics Europe '97 Conference*, IOS Press 1977, pp.656–660.  
kern/grcka1.doc (kopija iz zbornika)
- [16] Lavrač, N., Gamberger, D., Turney, P. (1998) A relevancy filter for constructive induction. *IEEE Intelligent Systems & Their Applications*, 13:50–56.  
98/ieee/ieee97.tex (casopis)  
takodjer u knjizi:  
In Liu, H. and Motoda, H., editors, *Feature Selection for Knowledge Discovery and Data Mining*. Kluwer, pp. 137–154. 98/kluwer98/kluwer98.tex
- [17] Gamberger, D., Lavrač, N., Grošelj, C. (1998) Experiments with noise detection algorithms in the diagnosis of ischaemic heart disease. In *Proc. of IDAMAP Workshop at 13th European Conference on Artificial Intelligence (ECAI-98)*, pp.29–33.  
idamap98/idamap98.tex (kopija iz zbornika)
- [18] Gamberger, D., Lavrač, N., and Grošelj C. (1998) Exploiting exclusion rules for reliable diagnosis. *Informatica Medica Slovenica*, 5:23–30.  
cadam/cadam98.tex (casopis)

- [19] Gamberger, D., Lavrač, N., and Grošelj C. (1999) Diagnostic rules of increased reliability for critical medical applications. In *Proc. of Joint European Conference on Artificial Intelligence in Medicine and Medical Decision Making (AIMDM'99)*, pp.361–365.  
aime/aime99.tex (kopija iz zbornika)
- [20] Lavrač, N., Gamberger, D., and Jovanoski V. (1999) A study of relevance for learning in deductive databases. *The Journal of Logic Programming*, 40:215–249.  
jlp97/jlp97.tex
- [21] Gamberger, D., Lavrač, N., and Grosselj C. (1999) Experiments with noise filtering in a medical domain. In *Proc. of International Conference of Machine Learning (ICML'99)*, pp. 143–151  
icml99/icml99.tex
- [22] Gamberger, D., Lavrač, N., and Jovanoski V. (1999) High confidence association rules for medical diagnosis. In *Proc. of IDAMAP Workshop at Annual Symposium of the American Medical Informatics Association (AMIA'99)*, pp.42–51.  
idamap99/idamap99.tex (kopija zbornika)
- [23] Gamberger, D., Lavrač, N., and Džeroski, S. (2000) Noise detection and elimination in data preprocessing: experiments in medical domains. *Applied Artificial Intelligence*, 14:2;205–223.  
99/aai97/aai97.tex
- [24] Gamberger, D., N. Lavrač, Krstačić, G., and Šmuc, T. (2000) Inconsistency tests for patients records in a coronary heart disease database. In *Proc. of 5th International Workshop on Intelligent Data Analysis in Medicine and Pharmacology (IDAMAP 2000)*, pp. 13–16  
(nemam zbornik vec samo kopiju u fasciklu) 2000/idamap2000/idamap2000.tex
- [25] Gamberger, D. and Lavrač, N. (2000) Confirmation rule sets. In *Proc. of 4th European Conference on Principles of Data Mining and Knowledge Discovery (PKDD 2000)*, pp.34–43.  
2000/pkdd2000/pkdd2000.tex
- [26] Gamberger, D., Krstačić, G., and Šmuc, T. (2000) Medical expert evaluation of machine learning results for a coronary heart disease database. In *Proc. of International Symposium on Medical Data Analysis (ISMDA 2000)*, pp. 159–168.  
2000/Ismda/ismda2000.tex
- [27] Gamberger, D., N. Lavrač, Krstačić, G., and Šmuc, T. (2000) Inconsistency tests for patients records in a coronary heart disease database. In *Proc. of International Symposium on Medical Data Analysis (ISMDA 2000)*, pp. 183–189.  
2000/Ismda/ismda2000.tex
- [28] Gamberger, D. and Lavrač, N. (2000) Filtering noisy instances and outliers. In Liu, H. and Motoda, H., editors, *Instance Selection and Construction for Data Mining*. Kluwer

Academic Publishers, pp. 375–394.  
2000/motoda2000/motoda2000.tex

- [29] Krstačić, G., Gamberger, D., and Šmuc, T. (2001) Coronary heart disease patient models based on inductive machine learning. In *Proc. of 8th Conference on Artificial Intelligence in Medicine in Europe (AIME 2001)*, pp.113–116.  
aime2001/aime2001.tex (kopija iz zbornika)
- [30] Šmuc, T., Gamberger, D., and Krstačić (2001) Combining unsupervised and supervised machine learning in analysis of the CHD patient database. In *Proc. of 8th Conference on Artificial Intelligence in Medicine in Europe (AIME 2001)*, pp.109–112.  
aime2001/.doc (kopija iz zbornika)
- [31] Lavrač, N. and Gamberger, D. (2001) Saturation filtering for noise and outlier detection. A invited talk at *Active Learning, Database Sampling, Experimental Design: Views on Instance Selection* Workshop at ECML/PKDD 2001 Conference.  
nada/invited2001.ps
- [32] Flach, P. and Gamberger, D. (2001) Subgroup evaluation and decision support for direct mailing marketing problem. *Integrating Aspects of Data Mining, Decision Support and Meta-Learning* Workshop at ECML/PKDD 2001 Conference.  
iddm2001.tex
- [33] Krstačić, G., Gamberger, D., Šmuc, T., and Krstačić, A., (2001) Some important R–R interval based paroxysmal atrial fibrillation predictors. In *Proc. of Computers in Cardiology*, pp.409–412.  
Cinc2001/cinc.doc (kopija iz zbornika)
- [34] Bejuk, D., Begovac, J., Gamberger, D., and Kučičec-Tepeš, N., (2000) Evaluation of phenotypic characteristics for differentiation of enterococcal species using an example based algorithm. *Diagnostic Microbiology and Infectious Disease*, 38:4;201–205.  
(samo kopija iz časopisa)
- [35] Gamberger, D. and Lavrač, N. (2002) Descriptive induction through subgroup discovery: a case study in a medical domain In *Proc. of International Conference of Machine Learning (ICML'2002)*, pp. 163–170  
icml2002/icml2002.tex
- [36] Lavrač, N., Gamberger, D., and Flach, P. (2002) Subgroup discovery for actionable knowledge generation: deficiencies of classification rule learning and lessons learned. *Data Mining Lessons Learned* Workshop at ICML 2002 Conference, pp.48-56.  
dml2002.tex
- [37] Sonicki, Z., Gamberger, D., Šmuc, T., D.Sonicki, and Kern, J. (2002) Data mining server: On-line knowledge induction tool. In *Proc. of Medical Informatics Europe*, IOS press pp. 330–334  
MIE2002.doc

- [38] Gamberger, D., N. Lavrač, and Wettschereck, D. (2002) Subgroup visualization: A method and application in population screening. In *Proc. of International Workshop on Intelligent Data Analysis in Medicine and Pharmacology (IDAMAP 2002) at ECAI 2002 Conference*, pp. 31–36  
2002/idamap2002/idamap2002.tex
- [39] Gamberger, D. and Lavrač, N. (2002) Generating actionable knowledge by expert-guided subgroup discovery. In *Proc. of 6th European Conference on Principles of Data Mining and Knowledge Discovery (PKDD 2002)*, pp.163–174  
2002/pkdd2002/pkdd2002.tex
- [40] Gamberger, D., Lavrač, N., and Wettschereck, D. (2002) Subgroup visualization: A method and application in population screening. In *Proc. of International Workshop on Integration and Collaboration Aspects of Data Mining, Decision Support and Meta-Learning (IDDM 2002) at ECML/PKDD 2002 Conference*.  
2002/iddm2002/iddm2002.tex
- [41] Šmuc, T., Marić, I., Bosanac, G., Gamberger, D., Bogunović, N., and Krstajić G. (2002) Dynamic features of the normal heart rate variability. In *Proc. of Computers in Cardiology 2002*, pp. 241–244.  
CINC2002/TS\_CINC2002\_final.corr.ps
- [42] Gamberger, D. and Lavrač, N. (2002) Expert-guided subgroup discovery: Methodology and Application. *Journal of Artificial Intelligence Research*, Vol. 17 pp.501–527.  
2002/jair2002/gamberger2002a.tex (.ps .pdf)
- [43] Gamberger, D., Lavrač, N., Krstajić, G. (2002) Confirmation rule induction and its application to coronary heart disease diagnosis and risk group discovery. *Journal of Intelligent & Fuzzy Systems* 12:1 pp.35–48.  
2002/maojo2002/maojo2002.tex
- [44] Gamberger, D., Šmuc, T., Lavrač, N. (2003) Subgroup discovery: on-line data mining server and its application. In *Proc. of Simulations in Biomedicine V*, pp.433–442.  
2003/biomedicine2003/biomed2003.tex
- [45] Gamberger, D., Lavrač, N., Krstajić, G. (2003) Active subgroup mining: A case study in a coronary heart disease risk group detection. *Artificial Intelligence in Medicine*, Vol. 28 pp.27–57.  
2003/aim2003/aim2003.tex
- [46] Cestnik, B., Lavrač, N., Flach, P., Gamberger, D., Kline, M. (2003) Data mining for decision support: Supporting marketing decisions through subgroup discovery. In Mladenić, D., Lavrač, N., Bohanec, M., Moyle, S. editors, *Data Mining and Decision Support: Integration and Collaboration*. Kluwer Academic Publishers, pp. 91–105.  
2003/SolEuNetBook/Chapter8\_SolEuNetBook\_7.doc

- [47] Gamberger, D. and Lavrač, N. (2003) Analysis of gene expression data by logic minimization approach. In *Proc. of 9th Conference on Artificial Intelligence in Medicine in Europe (AIME 2003)*, pp.244–248.  
2003/aime2003/aime2003.tex
- [48] Lavrač, N., Cestnik, B., Gamberger, D., Flach, P. (2004) Decision support through subgroup discovery: Three case studies and the lessons learned. *Machine Learning* 57(1-2): 115-143.  
2003/mlj2003/final/dmll2003.tex
- [49] Gamberger, D. and Lavrač, N. (2004) Avoiding data overfitting in scientific discovery: Experiments in functional genomics. In *Proc. of European Conference on Artificial Intelligence (ECAI 2004)*, pp.470–474.  
ecai2004/ecai2004.tex
- [50] Lavrač, N. and Gamberger, D. (2004) Relevancy constraints revisited in ROC space. In *Proc. of Workshop on "Advances in Inductive Learning" at ECML-PKDD2004*, pp.77–92.  
juffi2004/juffi2004.tex
- [51] Gamberger, D., Lavrač, N., Zelezny, F., and Tolar, J. (2004) Induction of comprehensible models for gene expression datasets by subgroup discovery methodology. *Journal of Biomedical Informatics* 37/4:269-284.
- [52] Baker, J.R., Gamberger, D., Mihelcic, J.R., and Sabljic, A. (2004) Evaluation of artificial intelligence based models for chemical biodegradability prediction. *Molecules* 9:989-1004.
- [53] Gamberger, D., Krstacic, A., Krstacic, G., Lavrač, N., and Sebag, M. (2005) Data analysis based on subgroup discovery: Experiments in brain ischemia domain. In *Proc. of IDAMAP 2005 Workshop at 10th European Conference on Artificial Intelligence in Medicine (AIME-05)*, pp.52–56.  
2005/idamap/idamap2005.tex (kopija iz zbornika)
- [54] Kralj, P., Lavrač, N., Zupan, B., Gramberger, D. (2005) Experimental Comparison of Three Subgroup Discovery Algorithms: Analysing Brain Ischemia Data. In *Proc. of 8th International Multiconference Information Society IS 2005*, pp. 220–223  
(samo foto-kopija)
- [55] Lavrač, N. and Gamberger, D. (2005) Relevancy in constraint-based subgroup discovery. In Boulicaut, JF., De Raedt, L., Mannila, H. editors, *Constraint-Based Mining and Inductive Databases*. Springer, pp. 243–266.  
2004/luc-book/luc2005.tex
- [56] Lavrač, N. and Gamberger, D. (2006) Subgroup discovery: An experiment in functional genomics. *Informatika Medica Slovenica*, 4(5):283–300.  
IMS2006/bioinfo-IMS-2006-Lavrac.doc (casopis)

- [57] Conforti, D. et al. (2006) HEARTFAID: A knowledge based platform for supporting the clinical management of elderly patients with heart failure. *Journal on Information Technology in Healthcare*, 11:46–51.  
2006/jith2006 (casopis)
- [58] Kralj, P., Lavrač, N. and Gamberger, D. (2007) Contrast set mining through subgroup discovery applied to brain ischaemia data. In *Proc. of 11th Pacific-Asia Conference on Advances in Knowledge Discovery and Data Mining (PAKDD 2007)*, pp.579–586.  
2007/pakdd2007petra/pakdd2004petra.tex
- [59] Prcela, M., Gamberger, D. and Bogunović, N. (2007) Developing factual knowledge from medical data by composing ontology structures. In *Proc. of 30th International Covention MIPRO 2007, part III*, pp.145–150.  
2007/mipro2007/
- [60] Jović, A., Prcela, M. and Gamberger, D. (2007) Ontologies in medical knowledge representation. In *Proc. of ITI 2007 29th International Conference on Information Technology Interfaces*, pp.535–540.  
2007/alan-iti2007/
- [61] Lavrač, N., Kralj, P., Gamberger, D. and Krstačić, A. (2007) Supporting factors to improve the explanatory potential of contrast set mining: Analyzing brain ischaemia data. In *Proc. of 11th Mediterranean Conference on Medical and Biological Engineering (MEDICON 2007)*, pp.157–161.  
2007/medicon2007/
- [62] Gamberger, D. and Lavrač, N. (2007) Supporting factors in descriptive analysis of brain ischaemia. In *Proc. of 11th Conference on Artificial Intelligence in Medicine (AIME 2007)*, pp.155–159.  
2007/aime2007/aime2007.tex
- [63] Kralj, P., Lavrač, N., Gamberger, D. and Krstačić, A. (2007) Contrast Set Mining for Distinguishing between Similar Diseases. In *Proc. of 11th Conference on Artificial Intelligence in Medicine (AIME 2007)*, pp.109–118.  
2007/aime2007petra/aime2007petra.tex
- [64] Gamberger, D., Lavrač, N., Krstačić, A. and Krstačić, G. (2007) Clinical data analysis based on iterative subgroup discovery: Experiments in brain ischaemia data analysis. *Applied Intelligence*, 27:205–217.  
2005/AppInt/ai2007.tex
- [65] Gamberger, D., Prcela, M., Jovic, A., Smuc, T., Parati, G., Valentini, M., Kaweckajaszcz, K., Styczkiewicz, K., Kononowicz, A., Candelieri, A., Conforti, D., Guido, R. (2008) Medical knowledge representation within Heartfaid platform. In *Proc. of Biostec 2008 Int. Joint Conference on Biomedical Engineering Systems and Technologies*, pp.205–217.  
2008/healthinf/Heartfaid-Paper-Ontology.doc

- [66] Lambach, D., Gamberger, D. (2008) Temporal analysis of political instability through descriptive subgroup discovery. *Conflict Management and Peace Science*, 25:19–32. reprint u knjizi: Dealing with failed states: Crossing analytic boundaries. edited by Starr, H. Routledge London and New York, 2009, pp.94–107.
- [67] Prcela, M., Gamberger, D., Jovic, A. (2008) Semantic web ontology utilization for heart failure expert system design. In *Proc. of 21st International Congress of the European Federation for Medical Informatics, MIE 2008* , pp.851–856.  
2008/mie/Prcela-MIE2008.doc
- [68] Gamberger, D., Prcela, M., Bosnjak M. (2008) Attribute ranking for intelligent data analysis in medical applications. In *Proc. of ITI 2008 30th International Conference on Information Technology Interfaces*, pp.323–328.  
2008/iti2008/
- [69] Krstacic, G., Gamberger, D., Krstacic, A., Smuc, T., Milicic, D. (2008) The chaos theory and non-linear dynamics in heart rate variability in patients with heart failure. In *Proc. of Computers in Cardiology 2008*, pp. 957–959.  
2008/CINC2008-goran/final-copy-CINC-2008-0957.pdf
- [70] Gamberger, D., Lavrac, N., Fuernkranz, J. (2008) Handling Unknown and Imprecise Attribute Values in Propositional Rule Learning: A Feature-Based Approach In *Proc. of 10th Pacific Rim International Conference on Artificial Intelligence, PRICAI 2008*, pp.636–645.  
2008/pricai2008/pricai2008.tex
- [71] Kralj, P., Lavrač, N., Gamberger, D. and Krstačić, A. (2009) CSM-SD: Methodology for contrast set mining through subgroup discovery. *Journal of Biomedical Informatics* 42/1:113-122. 2008/jbi-petra-2008/JBI-KraljEtAl-08.tex
- [72] Rios-Morales, R., Gamberger, D., Smuc, T., Azuje, F. (2009) Innovative methods in assessing political risk for business internationalization. *Research in International Business and Finance*, 23:144–156.  
2007/nato-ruth-ribaf/print-version-2009-03-05/RIBAF125.pdf
- [73] Kononowicz et al. (2009) (Kononowicz, A., Styczkiewicz, K., Bacior, B., Bosnjak, M., Horvat, R., Prcela, M., Gamberger, D., Sciacqua, A., Valentini, MC., Kawecka-Jaszcz, K., Parati, G., Conforti, D.) HEARTFAID’s ECRF: Lessons learnt from using a two-level data acquisition and storage system for knowledge discovery tasks within an electronic platform for managing heart failure patients. *Bio-algorithms and med-systems*, 5:59–69.  
2009/andrzej-heartfaid/[Kononowicz2010a]eCRFinBAMS-J.pdf
- [74] Prcela, M., Gamberger, D., Smuc, T., Bogunovic, N. (2010) Information gain of structured medical diagnostic tests: Integration of Bayesian networks and ontologies. In *Proc. of Third International Conference on Health Informatics HEALTHINF 2010*, pp.



- 235–240.  
2009/healthinf-marin/HEALTHINF 2010.pdf
- [75] Wojnarski et al. (2010) RSCTC2010 Discovery Challenge: Mining DNA Microarray Data for Medical Diagnosis and Treatment. In *Proc. of The Seventh International Conference on Rough Sets and Current Trends in Computing (RSCTC ) 2010*, pp. 4–19.  
2010/matko-2010/rsctc2010-challenge-final-proceedings.pdf
- [76] Sluban, B., Gamberger, D., Lavrac, N. (2010) Advances in class noise detection In *Proc. of 19th European Conference on Artificial Intelligence, ECAI 2010*, pp.1105–1106.  
2010/borut-ecai2010/ECAI-333.tex
- [77] Sluban, B., Gamberger, D., Lavrac, N. (2010) Performance analysis of class noise detection algorithms In *Proc. of 5th European Starting AI Researcher Symposium, STAIRS 2010*, pp.303–314.  
2010/borut-stair2010/stair2010.pdf
- [78] Lavrac, N., Fuernkranz, J., Gamberger, D. (2010) Explicit Feature Construction and Manipulation for Covering Rule Learning. In Koronacki, J., Ras, Z., Wierzhon, S.T., Kacprzyk, J. editors, *Advances in Machine Learning I — Dedicated to the Memory of Professor Ryszard S. Michalski* . Springer, pp. 121–146.  
2008/michalski2008III/michalski2008.tex
- [79] Jovic, A., Gamberger, D., Krstacic. G. (2011) Heart failure ontology. *Bio-algorithms and med-systems*, 7(2):101–110.  
2011/bams-alan-2011/bams-14.pdf
- [80] Rios-Morales, R., Gamberger, D., Jenkins, I., Smuc, T. (2011) Modelling investment in the tourism industry using the World Bank’s good governance indicators. *Journal of Modelling in Management*, 6(3):279–296.  
2010/ruth-modeling/Final Manuscript ID JM2-03-2010-001.pdf
- [81] Vranic, M., Pintar, D., Gamberger, D. (2012) Adaptive hierarchical clustering distance measures for improved presentation of relationships between transaction elements. *Journal of Information and Organization Sciences*, 36(1):69–86.  
2011/Vranic-FOI-2011/clanak-FOI-2-5.pdf
- [82] Krstacic, G., Parati, G., Gamberger, D., Castiglioni, P., Krstacic, A., Steiner, R. (2012) Heart rate variability and nonlinear dynamic analysis in patients with stress-induced cardiomyopathy. *Medical & Biological Engineering & Computing*, 50(10):1037-1046  
<http://www.springerlink.com/content/k03657223011p76/fulltext.pdf>
- [83] Gamberger, D., Lucanin, D. Smuc, T.(2012) Descriptive modeling of systemic banking crises. In *Proc. of 15th International Discovery Science Conference, DS 2012*, pp.67–80.  
2012/DS-2012

- [84] Fuernkranz, J., Gamberger, D., Lavrac, N. (2012). Foundations of Rule Learning. Springer. <http://link.springer.com/book/10.1007/978-3-540-75197-7/page/1>
- [85] Gamberger, D., Krstacic, G., Jovic, A. (2013) A novel way of integrating rule based knowledge into a web ontology language framework. In *Proc. of Thirteenth EFMI Special Topic Conference "Data and Knowledge for Medical Decision Support"*, IOS Press, pp. 51–55.  
2013/Prag-2013
- [86] Rios-Morales, R., Gamberger, D., Schweizer, M. Brennan, L. (2013) Institutional Environment Features and Swiss Foreign Direct Investment. *Global Business and Economics Review*, 15(2-3):196–209. ISSN print: 1097-4954.  
ruth-2012-GBER/Institutional Environment Features - Special Issue GBER.docx
- [87] Gamberger, D., Lucanin, D. Smuc, T. (2013) Analysis of World Bank indicators for countries with banking crises by subgroup discovery induction. In *Proc. of 36th International Convention Mipro-2013*, pp.1433–1437.  
2013/Mipro-2013/final-2013-mipro-2013-gamberger.doc
- [88] Rios-Morales R, Schweizer M., Gamberger D. and Ursprung D. (2013). The Impact of International Investment Agreements on Foreign Direct Investment. In Proceedings, Vrontis, Weber, & Tsoukatos (Eds.), 6th EuroMed Conference - Confronting Contemporary Business Challenges through Management Innovation, Estoril, Portugal. EuroMed Press: ISBN: 978-9963-711-16-1.  
(in bb-others/papers-large/euromed2013-proceedings)
- [89] Gamberger, D. Smuc, T. (2013) Good Governance Problems and Recent Financial Crises in Some EU Countries. *Economics: The Open-Access, Open-Assessment E-Journal*, 7:2013-41, <http://dx.doi.org/10.5018/economics-ejournal.ja.2013-41>.  
Economics-2013/gamberger-EconEJ.LaTeX.pdf
- [90] Rios-Morales, R., Gamberger, D., Jenkis, I. (2013) Modelling the interaction of tourism and international development. *Journal for Global Business Advancements*, 6(4):283–298.  
2012/ruth-JGBA/JGBA-final.pdf
- [91] Rios-Morales, R., Gamberger, D., Ursprung, D., Schweitzer, M. (2014) The impact of bilateral investment treaties on foreign direct investment in Switzerland, *The Mexican Journal of Economics and Finance*, Vol. 9 pp. 1-18.  
2013/Ruth-BITS-2013/PUBLISHED-articulo-1-9-1.pdf  
<http://econpapers.repec.org/article/imxjournal/20140390.htm>
- [92] Sluban, B., Gamberger, D., Lavrac, N. (2014) Ensemble-based noise detection: noise ranking and visual performance evaluation. *Data Mining and Knowledge Discovery*, 28(2):265-303.  
papers-vold/2011/sluban-NoaiseRank-2011/published\_on\_line.pdf

- [93] Gamberger, D., Mihelcic, M., Lavrac, N.(2014) Multilayer clustering: A discovery experiment on country level trading data. In *Proc. of 17th International Discovery Science Conference, DS 2014*, pp.87–98.  
2014/DS-2014
- [94] Rios-Morales, R., Gamberger, D., Brennan, L., Sweitzer, M. (2014) Ex-ante assessment of an EU-China free trade agreement. In Proceedings, Vrontis, Weber, & Tsoukatos (Eds.), 7th EuroMed Conference - The Future of Entrepreneurship, Kristiansand, Norway. EuroMed Press: ISBN: 978-9963-711-27-7.  
2014/Ruth-Euromed-EU-China/euromed2014-book-of-proceedings-2014-10-13-FINAL.pdf
- [95] Gamberger, D., Zenko, B., Mitelpunkt, A., Lavrac, N.(2015) Multilayer clustering: Biomarker driven segmentation of Alzheimer’s disease patient population. In *Proc. of Int. Work-Conference on Bioinformatics and Biomedical Engineering, IWBBIO 2015*, pp.134-145.  
2015iwbbio2015
- [96] Gamberger, D., Zenko, B., Mitelpunkt, A., Lavrac, N.(2015) Identification of gender specific biomarkers for Alzheimer’s disease. In *Proc. of Brain Informatics and Health, BIH 2015*, pp.57-66.
- [97] Gamberger, D., Zenko, B., Mitelpunkt, A., Shachar, N., Lavrac, N.(2016) Clusters of male and female Alzheimer’s disease patients in the Alzheimer’s Disease Neuroimaging Initiative (ADNI) database. *Brain Informatics*, 3:169-179.  
<http://link.springer.com/article/10.1007/s40708-016-0035-5>
- [98] Gamberger, D., Zenko, B., Mitelpunkt, A., Lavrac, N. (2016) Homogeneous clusters of Alzheimer’s disease patient population. *Biomedical Engineering Online*, 15(Suppl 1):S78.
- [99] Butorac, A. etal. (2016) Benefits of selective peptide derivatization with sulfonating reagent at acidic pH for facile matrix-assisted laser desorption/ionization de novo sequencing. *Rapid communications in mass spectrometry* 30(14): 1687-1694.
- [100] Gamberger, D., Zenko, B., Lavrac, N. (2017) Exploratory Clustering for Patient Subpopulation Discovery. In *Proc. of EFMI 2017: Informatics for Health: Connected Citizen-Led Wellness and Population Health*, pp.101-105.
- [101] Gamberger, D., Lavrac, N., Srivatsa, S., Tanzi, R. E., Doraiswamy, P. M. (2017) Identification of clusters of rapid and slow decliners among subjects at risk for Alzheimers disease. *Scientific Reports* 7:6763-1-6763-12 .

- [102] Gamberger, D., Stare, T., Miljkovic, D., Gruden, K., Lavra, N. (2019) Discovery of relevant response in infected potato plants from time series of gene expression data. *Mach. Learn. Knowl. Extr.* 1(1): 400-413.