APPENDICES

REFERENCES

Acuna.E., Rodriguez. C. (2004) "The Treatment of Missing Values and its Effect in the Classifier Accuracy" In: Gaul, W., Banks, D., House, L., McMorris, F.R., Arabie, P. (eds.) Classification, Clustering and Data Mining Applications, Springer, Heidelberg, 639–648.

Agre.G., Peev.S. (2002) "On Supervised and Unsupervised Discretization" Cybernetics and Information Technologies 2(2), 43-57.

Babu Reddy.M. and Reddy.L.S.S. (2010) "Dimensionality Reduction: An Empirical Study on the Usability of IFE-CF (Independent Feature Elimination-by C-Correlation and F-Correlation) Measures" IJCSI International Journal of Computer Science 7(1).

Breiman.L. (2001) "Random Forests" Machine Learning 45(1),5-32.

Breiman.L., Friedman.J.H., Olsen.R.A. and Stone.C.J. (1984) "Classification and Regression Trees" Monterey, CA: Wadsworth and Brooks, 203-215.

Cerquides.J and Ramon Lopez de Mantaras. (1997) "Proposal and Empirical Comparison of a Parallelizable Distance-based Discretization Method" AAAI.

Chen.M.S., Han.J. and Yu.P.S. (1996) "Data Mining: An Overview from a Database Perspective" IEEE Transactions on Knowledge and Data Engineering 8(6), 866-883.

Ching.J.Y., Wong.A.K.C. and Chan.K.C.C. (1995) "Class-Dependent Discretization for Inductive Learning from Continuous and Mixed-Mode Data" IEEE Transactions on Pattern Analysis and Machine Intelligence 17(7), 641-651.

Chotirat Ann.R. (2003) "CLONI : Clustering of sqrt(n) interval discretization" Proceedings of fourth International Conference on Data Mining.

Clark.P. and Niblett.T. (1989) "The CN2 algorithm", Machine Learning" 3, 261-283.

Corinna Cortes and Mehryar Mohri. (2005) "Confidence intervals for the area under the ROC curve" In *Advances in Neural Information Processing Systems 17*. MIT Press.

Dash.M., Liu H. and Motoda.H. (2000) "Consistency based feature selection" Proceedings of the fourth Pacific Asia Conference on Knowledge Discovery and Data Mining, Current Issues and New Applications, Springer-Verlag, London, UK, 98-109.

Dougherty.J, Kohavi.R. and Sahami.M. (1995) "Supervised and unsupervised discretization of continuous features" in Machine Learning Proceedings of the twelfth International Conference, 194-202.

Fayyad.U.M. and Irani.K.B. (1992) "On the handling of Continuous-valued attributes in Decision Tree Generation" Machine Learning 8(1), 87-102.

Fayyad.U.M. and Irani.K.B. (1993) "Multi-interval discretization of continuous-valued attributes for classification learning" in Proceedings of the thirteen International Joint Conference on Artificial Intelligence, 1022-1027.

Fayyad.U.M., Piatesky-Shapiro.G. and Smyth.P. (1996) "From data mining to knowledge discovery: an overview" In Advances in Knowledge Discovery and Data Mining, The MITT Press. (2)

Fayyad.U.M., Piatetsky-Shapiro.G. and Smyth.P. (1996) "The KDD Process or Extracting Useful Knowledge from Volumes of Data" Communications of the ACM, November 39(11), 27-34. (2)

Ferri.C., Flach.P. and Hern´andez-Orallo.J. (2002) "Learning decision trees using the area under the ROC curve" In *Proc. ICML 2002*, 139–146.

Flach.P. (2003) "The geometry of roc space: Understanding machine learning metrics through roc iso-metrics" Proceedings of the Twentieth International Conference on Machine Learning. August 21-24, 194–201.

Friedman.N, Dan Geiger, and Moises Goldszmidt (1997) "Bayesian network classifiers. Mach. Learn., 29(2 3), 131 - 163.

Gonzalo.M., Marban.O. and Covadonga.F. (2010) "A survey of Data Mining and Knowledge Discovery process models and methodologies" The Knowledge Engineering Review, 25(2), 137-166.

Haindl.M., Somol.P, Ververidis.D. and Kotropoulos.C. (2006) "Feature Selection Based on Mutual Correlation" Progress in Pattern Recognition: Image Analysis and Applications, Springer Heidelberg 4225, 569-577.

Han. J. and Kamber. M. (2006) "Data Mining Concepts and Techniques", Morgan Kaufmann Publishers.

Hong.Z.Q. and Yang.J.Y. (1992) "UCI repository of machine learning databases" (ftp://ftp.ics.uci.edu/pub/machine-learning-databases)

Huan Liu, Hiroshi Motoda and Lei Yu. (2004) "A Selective Sampling approach to active feature selection" Artificial Intelligence 159(1-2), 49-74.

Hunt.E., Martin.J. and Stone.P. (1966) "Experiments in Induction". New York: Academic Press.

Jiang Yujiao, Wang Xiaodan, Wang Wenjun, et al. (2010) "New feature selection approach by PCA and ReliefF" Computer Engineering and Applications, 2010, 46 (26), 170 – 172.

John Y.Ching, Andrew K.C. Wong and Keith C.C. Chan (1995) "Class-Dependent Discretization for Inductive Learning from Continuous and Mixed-Mode Data" IEEE Transactions on Pattern Analysis and Machine Intelligence 17(7), 641-651.

Kai Ye.K., Anton.F., Heringa.J., Adriaan.P., IJzerman and Elena Marchiori (2008) "Multi-RELIEF: a method to recognize specificity determining residues from multiple sequence alignments using a Machine Learning approach for feature weighting" Bioinformatics 24(1), 18-25.

Kira.K. and Rendell.L.A. (1992) "A practical approach to feature selection" Proc. 9th Int. Conf. Mach. Learning, 249 –256.

Kohavi.R. (1995) "Wrappers for Performance Enhancement and Oblivious Decision Graphs" Ph.D thesis, Stanford University.

Kohavi.R. and John.G.H. (1997) "Wrappers for feature subset selection" Artificial Intelligence (1-2), 273-324.

Kohavi.R. and Sahami.M. (1996) "Error-Based and Entropy-Based Discretization of Continuous Features" in KDD-96 Proceedings of the second International Conference on Knowledge Discovery and Data Mining, 114-119.

Kononenko.I. (1994) "Estimating attributes: Analysis and extensions of RELIEF" Proceeding of Euro. Conference in Machine Learning, 171–182.

Kurgan.L.A. and Cios.K.J. (2004) "CAIM Discretization Algorithm" IEEE Transactions on Knowledge and Data Engineering 16(2), 145-153.

Kurgan.L. and Cios.K.J. (2003) "Fast Class-Attribute Interdependence Maximization (CAIM) Discretization Algorithm" in: Proceeding of International Conference on Machine Learning and Applications, 30–36.

Kurgan. L. A. and Musilek, P. (2006) "A survey of Knowledge Discovery and Data Mining process models" The Knowledge Engineering Review,21(1), 1-24.

Langley.P. (1994) "Selection of relevant features in machine learning" In Proceedings of the AAAI Fall Symposium on Relevance, AAAI Press.

Little and Rubin.D.B. (2002) "Statistical Analysis with missing data" Wiley, New York.

Liu.H. and Setiono.R. (1997) "Feature selection via discretization" IEEE Transactions on Knowledge and Data Engineering 9(4), 642-645.

Lukasz A. Kurgan and Krzysztof J. Cios (2004) "CAIM Discretization Algorithm" IEEE Transactions on Knowledge and Data Engineering 16(2), 145-153.

Ma.S. and Huang.J. (2005) "Regularized ROC method for disease classification and biomarker selection with microarray data" *Bioinformatics* 21, 4356–4362.

Mantaras.R.L. (1989) "ID3 Revisited: A distance based criterion for attribute selection" In: Proc. Int. Symp. Methodologies for Intelligent Systems, Charlotte, North Carolina. U.S.A.

Mehala.B., Ranjit Jeba Thangaiah.P. and Vivekanandan,K. (2009) "Selecting Scalable Algorithms to Deal with Missing Values", International Journal of Recent Trends in Engineering 1(2).

Mehta.M., Rakesh Agrawal, Jorma Rissanen (1996) "SLIQ: A Fast Scalable Classifier for Data Mining" EDBT, 18-32.

Miriam.B. (2005) "Representation and Exploitation of domain knowledge in a KDD environment" Ph.D. Thesis, April.

Nong.Y. (2003) "The Handbook of Data Mining" 1st Ed. Lawrence Erlbaum Associates, 720.

Pal.S., Maiti.C., Debnath.K. and Ghosh.A.M. (2006) "SPID3 : Discretization using pseudo deletion" 87, 25-31.

Perner.P. and Trautzsch.S. (1998) "Multi-interval discretization methods for decision tree learning" Advances in Pattern Recognition, 475-482.

Provost.F., Fawcett.T. and Kohavi.R. (1998) "The case against accuracy estimation for comparing induction algorithms" Proceeding of the 15th International Conference on Machine Learning, Morgan Kaufmann, San Francisco, CA, 445-453.

Provost.F., Fawcett.T. and Kohavi.R. (1997) "Analysis and visualization of classifier performance: Comparison under imprecise class and cost distribution" In proceedings of 3rd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining KDD, 43–48.

Pyle and Dorian (1999) "Data preparation for data mining"Morgan Kaufmann 1.

Quinlan.J.R. (1986) "ID3: Induction of Decision Trees" Machine Learning 1(1), 81-106.

Quinlan.J.R. (1994) "C4.5: Programs for Machine Learning" Machine Learning 16(3), 235-240.

Ramos.D.R. (1997) "Automatic Construction of Descriptive Rules", Ph.D thesis, University of Catalunya.

Rastogi and Shim.K. (2000) "PUBLIC: A Decision Tree Classifier that integrates Building and Pruning" Data Mining and Knowledge Discovery, Kluwer Academic publishers 4, 315-344.

Robnik and Sikonja.M. (1998) "Speeding up Relief algorithm with k-d trees" In: Proceedings of Electrotehnical and Computer Science Conference (ERK'98). Portoroˇz, Slovenia, 137–140.

Ron Kohavi (1996). "Scaling up the accuracy of Naive-Bayes classifiers: a decision-tree hybrid". In Proceedings of the Second International Conference on Knowledge Discovery and Data Mining, 202 – 207.

Shafer.J.C., Rakesh Agrawal, Mehta.M. (1996) "SPRINT: A Scalable Parallel Classifier for Data Mining" VLDB, 544-555.

Shuang-Hong Yang and Bao-Gang Hu (2012) "Discriminative Feature Selection by Nonparametric Bayes Error Minimization" IEEE Transactions on Knowledge and Data Engineering, 24(8), 1422-1434.

Smyth.P. and Goodman.R.M. (1990) "Rule induction using information theory" In. G.Piatetsky-Shapiro & W.Frawley (eds.) : Knowledge Discovery in Databases. MIT Press.

Subramanian. A., Tamayo. P., Mootha. V. K., Mukherjee. S., Ebert. B. L., Gillette. M. A., et al. (2005). "Gene set enrichment analysis: a knowledge-based approach for interpreting genome-wide expression profiles". National Academy of Sciences of the United States of America 2005.

Tahir.M.A. and Bouridane.A. (2006) "Novel Round-Robin Tabu Search Algorithm for Prostate Cancer Classification and Diagnosis Using Multispectral Imagery" IEEE Transactions on Information Technology in Biomedicine 10(4), 782-793.

Tipawan.S. and Tuamsuk.K. (2012) "Data Mining and its Applications for Knowledge Management; A Literature review from 2007 to 2012" International Journal of Data Mining and Knowledge Management Process (IJDKP) 2(5), 13-24.

Tsai.C.J., Lee.C. and Yang.W.P. (2008) "A Discretization algorithm based on Class-Attribute Contingency Coefficient" Information Sciences 178(3), 714-731.

Weizhong Yan, Kai Goebel and James C. Li (2002) "Classifier Performance Measures in Multi-Fault Diagnosis for Aircraft Engines" Proceedings of SPIE, Component and Systems Diagnostics, Prognostics, and Health Management II 4733, 88-97.

Williams.G.J. and Huang.Z. (1996) "Modelling the KDD Process, A four stage process and four element model" CSIRO Division of Information Technology February.

Witten.I.H. and Frank.E. (2005) "Data Mining, Practical Machine Learning Tools and Techniques" 2nd Elsevier. 2nd Ed. Morgan Kaufmann, ISBN-13: 978-0120884070, 560.

Xiaofeng Zhu (2011) "Missing Value Estimation for Mixed-Attribute Data sets" IEEE Transactions on Knowledge And Data Engineering 23(1), 110-121.

Yang.Y and Webb.G.I. (2001) "Proportional k-interval Discretization for Nave-Bayes Classifiers" Proceedings of twelfth European Conference on Machine Learning, 564-575.

Ying Yang and Geoffrey I. Webb (2001) "Proportional k-interval Discretization for Naïve-Bays Classifiers" Proceedings of twelfth European Conference on Machine Learning, 564-575.

Yu.L. and Liu H. (2003) "Feature selection for high-dimensional data: A fast correlation-based filter solution" ICML-03 Proceedings of the twelfth International Conference on Machine Learning, Morgan Kaufmann, Washington, D.C., San Francisco, CA, USA, 856–863.

Yuxuan SUN, Xiaojun LOU, Bisai BAO (2011) "A Novel Relief Feature Selection Algorithm Based on Mean-Variance Model" Journal of Information & Computational Science 8(16) 3921–3929.

Zijian Zheng and Geoffrey I.Webb (2000) "Lazy learning of Bayesian rules". Machine Learning, 41(1), 5384.