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Sotiris Kotsiantis



Sotiris Kotsiantis received a diploma in mathematics, a Master and a Ph.D. degree in computer science from the University of Patras, Greece. He is Assistant Professor in the Department of Mathematics at the University of Patras, Greece. His main research interests are in the field of machine learning, computational intelligence, data mining and data science. He has h-index: 28 and g-index:94 (according to scholar google).

e-mail: sotos@math.upatras.gr

Web address: <http://thalis.math.upatras.gr/~sotos/>

Dblp: https://dblp.uni-trier.de/pers/hd/k/Kotsiantis:Sotiris_B=

PUBLICATIONS

I. International Journals

1. Georgios Kostopoulos, Theodor Panagiotakopoulos, Sotiris Kotsiantis, Christos Pierrakeas, and Achilles Kameas, Interpretable Models for Early Prediction of Certification in MOOCs: A Case Study on a MOOC for Smart City Professionals, IEEE Access, accepted for publication.
2. Stamatis Karlos, Christos K. Aridas, Vasileios G. Kanas and Sotiris Kotsiantis, Classification of acoustical signals by combining Active Learning strategies with single view Semi-supervised Learning schemes, Neural Computing and Applications, accepted for publication.
3. Aikaterini Karanikola, Charalampos M. Liapis, S. Kotsiantis, Investigating cluster validation metrics for optimal number of clusters determination, Intelligent Decision Technologies, accepted for publication.
4. Stamatis-Aggelos N. Alexandropoulos, Christos K. Aridas, Sotiris B. Kotsiantis, George A. Gravvanis, Michael N. Vrahatis, Rotation Forest of Random Subspace Models, Intelligent Decision Technologies, accepted for publication.
5. Charalampos M Liapis, Aikaterini Karanikola, Sotiris Kotsiantis, A Multi-Method Survey on the Use of Sentiment Analysis in Multivariate Financial Time Series Forecasting, Entropy 2021, 23(12), 1603; <https://doi.org/10.3390/e23121603>
6. Tsiakmaki, M., Kostopoulos, G., Kotsiantis, S., & Ragos, O. (2021). Fuzzy-based Active Learning for Predicting Student Academic Performance using autoML: a step-wise approach, Journal of Computing in Higher Education (JCHE), 33(3): 635-667 (2021)
7. Emmanuel Pintelas, Meletis Liaskos, Ioannis Livieris, Sotiris Kotsiantis, Panagiotis Pintelas, A novel explainable image classification framework: case study on Skin cancer and Plant disease prediction, Neural Computing and Applications, 33(22): 15171-15189 (2021)
8. Papastefanopoulos, V., Linardatos, P., Kotsiantis, S., Unsupervised Outlier Detection: A Meta-Learning Algorithm based on Feature Selection, Electronics 2021, 10(18), 2236; <https://doi.org/10.3390/electronics10182236>
9. Theodor Panagiotakopoulos, Sotiris Kotsiantis, Georgios, Kostopoulos, Omiros Iatrellis, Achilles Kameas, Early Dropout Prediction in MOOCs Through Supervised Learning and Hyperparameter Optimization, Electronics 2021, 10(14), 1701; <https://doi.org/10.3390/electronics10141701>
10. Athanasios Salamanis, Anastasia-Dimitra Lipitakis, Sotiris Kotsiantis, Dimosthenis Anagnostopoulos, George A. Gravvanis, An Adaptive Cluster-based Sparse Autoregressive Model for Large-Scale Multi-Step Traffic Forecasting, Expert Systems with Applications, Volume 180, 15 October 2021, 115093.
11. Linardatos, P.; Papastefanopoulos, V.; Kotsiantis, S. Explainable AI: A Review of Machine Learning Interpretability Methods. Entropy 2021, 23, 18.

12. Stamatis Karlos, Georgios Kostopoulos, Sotiris Kotsiantis, Predicting and interpreting students' grades in distance higher education through a semi-regression method, *Applied Sciences*, 2020, 10(23), 8413; <https://doi.org/10.3390/app10238413>.
13. Vangjel Kazllarof, Stamatis Karlos, Sotiris Kotsiantis, Investigation of combining Logitboost(M5P) under Active Learning classification tasks, *Informatics*, 2020, 7, 50, doi: 10.3390/informatics7040050.
14. Andreas F. Gkontzis, Sotiris Kotsiantis, Dimitris Kalles, Christos T. Panagiotakopoulos, Vassilios S. Verykios, Polarity, emotions and online activity of students and tutors as features in predicting grades, *Intelligent Decision Technologies*, 2020, 14(3), pp. 409-436.
15. Vasilis Papastefanopoulos, Pantelis Linardatos, Sotiris Kotsiantis, COVID-19: A comparison of time series methods for active cases forecasting, *Applied Sciences*, 2020, 10 (11), 3880
16. Nikos Fazakis, Georgios Kostopoulos, Sotiris Kotsiantis and Iosif Mporas, Iterative Robust Semi-Supervised Missing Data Imputation, 2020, *IEEE Access* 8, 90555-90569
17. Emmanuel Pintelas, Meletis Liaskos, Ioannis Livieris, Sotiris Kotsiantis, Panagiotis Pintelas, Explainable machine learning framework for image classification problems: case study on Glioma cancer prediction, *Journal of Imaging*, 2020, 6(6), 37, <https://doi.org/10.3390/jimaging6060037>.
18. Nikos Fazakis, Georgios Kostopoulos, Stamatis Karlos, Sotiris Kotsiantis and Kyriakos Sgarbas, An Active Learning Ensemble Method for Regression Tasks, *Intelligent Data Analysis*, 2020, 24 (3), 607-623.
19. Aristotelis Charalampakis, George C. Tsiatas, Sotiris kotsiantis, Machine Learning and Nonlinear Models for the Estimation of Fundamental Period of Vibration of Masonry Infilled RC Frame Structures, *Engineering Structures*, 206(110765), 2020
20. Stamatis Karlos, Georgios Kostopoulos, Sotiris Kotsiantis, A Soft-Voting Ensemble based Co-training Scheme using Static Selection for Binary Classification Problems, *Algorithms*, 2020, <https://doi.org/10.3390/a13010026>.
21. Tsiakmaki, M., Kostopoulos, G., Kotsiantis, S., & Ragos, O. (2020). Transfer Learning from Deep Neural Networks for Predicting Student Performance. *Applied Sciences*, 10(6), 2145.
22. Konstantinos Lavidas, Anthi Achriani; Stavros Athanassopoulos, Ioannis Messinis, Sotiris Kotsiantis, University Students' intention to use search engines for research purposes: a structural equation modeling approach, *Education and Information Technologies*, 25(4): 2463-2479 (2020)
23. Maria Tsiakmaki, Georgios Kostopoulos, Sotiris Kotsiantis, Omiros Ragos, Implementing AutoML in Educational Data Mining for Prediction Tasks, *Applied Sciences*, 2020, 10(1), 90; <https://doi.org/10.3390/app10010090>.
24. Christos K. Aridas, Stamatis Karlos, Vasileios G. Kanas, Nikos Fazakis and Sotiris Kotsiantis, Uncertainty based under-sampling for learning Naive Bayes classifiers under imbalanced data sets, *IEEE Access*, Vol.8, 2122 – 2133, 2020.
25. Andreas F. Gkontzis, Sotiris Kotsiantis, Chris T. Panagiotakopoulos and Vassilios S. Verykios, A Predictive Analytics Framework as a Countermeasure for Attrition of Students, *Interactive Learning Environments*, 2019, DOI: 10.1080/10494820.2019.1709209
26. Vangjel Kazllarof, S. Karlos, Sotiris Kotsiantis, Active Learning Rotation Forest for Multiclass Classification, *Computational Intelligence* 35(4): 891-918 (2019)
27. Nikos Fazakis, Vasileios G. Kanas, Christos K. Aridas, Stamatis Karlos and Sotiris Kotsiantis, Combination of Active Learning and Semi-Supervised Learning under a Self-Training Scheme, *Entropy* 2019, 21(10), 988; <https://doi.org/10.3390/e21100988>, 10 Oct 2019
28. Nikos Fazakis, Stamatis Karlos, Sotiris Kotsiantis, Kyriakos Sgarbas, A multi-scheme semi-supervised regression approach, *Pattern Recognition Letters* 125: 758-765 (2019)
29. Kostopoulos, G., Kotsiantis, S., Fazakis, N., Koutsonikos, G., & Pierrakeas, C. (2019). A Semi-Supervised Regression Algorithm for Grade Prediction of Students in Distance Learning Courses. *International Journal on Artificial Intelligence Tools*, 28(04), 1940001.

30. Georgios Kostopoulos, Stamatis Karlos, and Sotiris Kotsiantis, Multi-view Learning for Early Prognosis of Academic Performance: A Case Study, *IEEE Transactions on Learning Technologies*, 12(2): 212-224 (2019)
31. Christos Aridas, Sotiris Kotsiantis and Michael Vrahatis, Hybrid local boosting utilizing unlabeled data in classification tasks, *Evolving Systems*, 2019, Volume 10, Issue 1, pp. 51-61.
32. Stamatis-Aggelos Alexandropoulos, Sotiris Kotsiantis and Michael Vrahatis, Data Preprocessing in Predictive Data Mining, *Knowledge Engineering Review*, 2019, vol. 34.
33. Georgios Kostopoulos, S. Karlos, Sotiris Kotsiantis, O. Ragos, Semi-Supervised Regression: A recent review, *Journal of Intelligent and Fuzzy Systems* 35(2): 1483-1500 (2018)
34. Georgios Kostopoulos, I. Livieris, Sotiris Kotsiantis, V. Tampakas, CST-Voting: A semi-supervised ensemble method for classification problems, *Journal of Intelligent and Fuzzy Systems* 35(1): 99-109 (2018)
35. Georgios Kostopoulos, Sotiris Kotsiantis, Christos Pierrakeas, Giannis Koutsonikos, G.A. Gravvanis, Forecasting Students' Success in an Open University, *International Journal of Learning Technology*, 13(1), 26-43, 2018.
36. N. Fazakis, S. Karlos, S. Kotsiantis and K. Sgarbas, Self-trained Rotation Forest for Semi-Supervised Learning, *Journal of Intelligent and Fuzzy Systems*, 2017, 32(1): 711-722
37. Stamatis Karlos, Nikos Fazakis, Angeliki-Panagiota Panagopoulou, Sotiris Kotsiantis, Kyrgiakos Sgarbas, Locally Application of Naive Bayes for Self-Training, *Evolving Systems*, March 2017, Volume 8, Issue 1, pp. 1-16
38. S. Karlos, N. Fazakis, S. Kotsiantis and K. Sgarbas, Self-trained Stacking Model for Semi-Supervised Learning, *International Journal on Artificial Intelligence Tools*, 2017, 26, <https://doi.org/10.1142/S0218213017500014>.
39. Kotsiantis, S., Tselios, N., Xenos, M. (2017). Students' evaluation of Tutors in distance education: A Quasi-longitudinal study. *International Journal of Learning Technology*, 12 (1), 26-41.
40. N. Fazakis, S. Karlos, S. Kotsiantis, K. Sgarbas, Self-trained LMT for Semi Supervised Learning, *Computational Intelligence and Neuroscience*, 2016, <http://dx.doi.org/10.1155/2016/3057481>
41. S. Karlos, N. Fazakis, S. Kotsiantis, K. Sgarbas, A Semisupervised Cascade Classification Algorithm, *Applied Computational Intelligence and Soft Computing*, 2016, <http://dx.doi.org/10.1155/2016/5919717>
42. Manolopoulou, E., Kotsiantis, S., Tzelepis, D., Application of association and decision rules on intellectual capital (2015) *Knowledge Management Research and Practice*, 13 (2), pp. 225-234.
43. S. Kotsiantis, A Hybrid Decision Tree Classifier, *Journal of Intelligent & Fuzzy Systems*, 26 (2014) 327-336.
44. S. Kotsiantis, Bagging and Boosting variants for handling classifications problems: A survey, *The Knowledge Engineering Review*, The Knowledge Engineering Review, volume 29, issue 01, pp. 78-100, 2014.
45. S. Kotsiantis, Integrating Global and Local Application of Random Subspace Ensemble, *Journal of Intelligent and Fuzzy Systems*, Volume 26, Number 2 / 2014, Pages 731-739.
46. S. Kotsiantis, Integrating Global and Local Application of Naive Bayes Classifier, *International Arab Journal of Information Technology (IAJIT)*, 11(3): 300-307 (2014)
47. S. Kotsiantis, Rotation Forest with Logitboost, *International Journal of Innovative Computing, Information and Control (IJICIC)*, Volume 9, Number 3, March 2013, pp. 1087-1094.
48. S. Kotsiantis, Increasing the Accuracy of Incremental Naïve Bayes Classifier Using Instance Based Learning, *International Journal of Control, Automation, and Systems*, vol. 11, no. 1, pp.159-166, 2013
49. Kotsiantis, S., Tselios, N., Filippidi, A., & Komis, V. (2013). Using Learning Analytics to identify successful learners in a blended learning course. *Journal of Technology Enhanced Learning* (special issue on Learning Analytics), 5(2), 133-150.

50. S. Kotsiantis, Decision Trees: A Recent Overview, *Artificial Intelligence Review*, (2013) 39: 261–283.
51. D. Kanellopoulos, S. Kotsiantis, Evaluating and recommending Greek newspaper web sites using clustering, *Program: electronic library and information systems*, Volume 46, issue 1, 2012, pp. 71 - 91.
52. S. Kotsiantis, Use of Machine Learning Techniques for Educational Proposes: A decision support system for forecasting students' grades, *Artificial Intelligence Review*, Volume 37 / 2012, 331-344.
53. S. Kotsiantis, D. Kanellopoulos, Combining Bagging, Boosting and Random Subspace Ensembles for Regression Problems, *International Journal of Innovative Computing, Information and Control*, Volume 8, Number 6, June 2012, pp. 3953–3961
54. S. Kotsiantis, Integrating Global and Local Voting of Classifiers, *Cybernetics and Systems: An International Journal*, Volume 43, Issue 5, 2012, pages 398-409
55. S. Kotsiantis, Combining Bagging, Boosting, Rotation Forest and Random Subspace Methods, *Artificial Intelligence Review*, Volume 35 / 2011, 223-240.
56. S. Kotsiantis, A Random Subspace using Different instead of Similar Models for Regression and Classification Problems, *International Journal of Information and Decision Sciences (IJIDS)*, Vol. 3, No. 2, pp.173–188, 2011.
57. S. Kotsiantis, Cascade Generalization with Reweighting Data for Handling Imbalanced Problems, *The Computer Journal* (2011) 54(9): 1547-1559
58. S. Kotsiantis, An Incremental Ensemble of Classifiers, *Artificial Intelligence Review*, Volume 36, Number 4 / December 2011, pp. 249-266.
59. Sotiris Kotsiantis, Vasilis Tampakas, "Combining heterogeneous classifiers: A recent overview", *JCIT: Journal of Convergence Information Technology*, Vol. 6, No. 10, pp. 164 - 172, 2011
60. S. Kotsiantis, D. Kanellopoulos, Bagging different instead of similar models for regression and classification problems, *International Journal of Computer Applications in Technology (IJCAT)*, Vol. 37, No. 1, 2010, pp. 20-28.
61. S. Kotsiantis, Rotation-Based Model Trees for Classification, *International Journal of Data Analysis Techniques and Strategies (IJDATS)*, Vol. 2, No.1 pp. 22 – 37, 2010.
62. S. Kotsiantis, D. Kanellopoulos, Cascade Generalization of Ordinal Problems, *International Journal of Artificial Intelligence and Soft Computing (IJASC)*, Vol. 2, Nos. 1/2, 2010, pp. 46-57.
63. S. Kotsiantis, K. Patriarcheas, M. Xenos, A combinational incremental ensemble of classifiers as a technique for predicting students' performance in distance education, *Knowledge-Based Systems*, Volume 23, Issue 6, August 2010, Pages 529-535
64. S. Kotsiantis (2010) 'Local rotation-based ensemble', *Int. J. Knowledge Engineering and Data Mining*, Vol. 1, No. 2, pp.147–160.
65. S. Kotsiantis, D. Kanellopoulos, V. Tampakas, Financial Application of Multi-Instance Learning: Two Greek Case Studies, *Journal of Convergence Information Technology*, Volume 5, Number 8, October 2010, pp. 42-53.
66. S. Kotsiantis, Educational data mining: A case study for predicting dropout-prone students, *Knowledge Engineering and Soft Data Paradigms: An International Journal*, Volume 1 - Issue 2 – 2009, pp. 101 - 111.
67. S. Kotsiantis, P. Pintelas, Selective Costing Ensemble for Handling Imbalanced Data Sets, *International Journal of Hybrid Intelligent Systems*, Volume 6, Number 3 / 2009, pp. 123-133.
68. S. Kotsiantis, Locally Application of Random Subspace with Simple Bayesian Classifier, *International Journal of Data Mining, Modelling and Management (IJDMMM)*, Vol. 1, No. 4, 2009, pp. 375 – 392.
69. D. Kanellopoulos, S. Kotsiantis, Towards an Ontology-based System for Intelligent Prediction of Students Dropouts in Distance Education, *International Journal of Management in Education*, 2008, Vol 2 (2), pp. 172 - 194.

70. S. B. Kotsiantis, Local reweight wrapper for the problem of Imbalance, *International Journal of Artificial Intelligence and Soft Computing (IJASIS)*, VOL. 1(1), 2008, pp. 25 - 38.
71. S. Kotsiantis, Handling Imbalanced Data Sets with a Modification of Decorate Algorithm, *International Journal of Computer Applications in Technology (IJCAT)*, Special Issue on: "Computer Applications in Knowledge-Based Systems, Vol. 33, Nos. 2/3, 2008, pp.91-98.
72. Kotsiantis S., Kostoulas A., Lykoudis S., Argiriou A., Menagias K., Using Data Mining Techniques for Estimating Minimum, Maximum and Average Daily Temperature Values, *International Journal Of Mathematical, Physical and Engineering Sciences*, Number 1, pp. 16-20, 2008.
73. S. Kotsiantis, Locally Application of Cascade Generalization for Classification Problems, *International Journal of Intelligent Decision Technologies*, Volume 2, Number 4 / 2008, Pages 239-246.
74. D. Kanellopoulos, S. Kotsiantis, A semantic-based Architecture for Intelligent Destination Management Systems, *International Journal of Soft Computing*, 2(1): 61-68, 2007.
75. S. Kotsiantis, D. Kanellopoulos, Local Ensembles vs. Global Ensembles, *International Journal of Soft Computing*, 2(1): 80-87, 2007.
76. S. Kotsiantis, Credit Risk Analysis Using a Hybrid Data Mining Model, *International Journal of Intelligent Systems Technologies and Applications (IJISTA)*, 2007, Vol. 2, No. 4, pp.345–356.
77. S. Kotsiantis, D. Tzelepis, E. Koumanakos, V. Tampakas, Selective Costing Voting for Bankruptcy Prediction, *International Journal of Knowledge-Based & Intelligent Engineering Systems (KES)*, Volume 11, Number 2 / 2007, pp. 115 – 127.
78. S. Kotsiantis, Supervised Machine Learning: A Review of Classification Techniques, *Informatica Journal* 31 (2007) 249-268.
79. D. Kanellopoulos, S. Kotsiantis, Semantic Web: A state of the art survey, *International Review on Computers and Software (IRECOS)*, Vol. 2, n. 5 September 2007, pp. 428-442.
80. D. Kanellopoulos, S. Kotsiantis, Managing the Quality of Small Hospitality Businesses via Semantic Web Services, *International Review on Computers and Software (IRECOS)*, January 2007, pp.1-9.
81. S. Kotsiantis, Combining Bagging and Additive Regression, *International Journal of Computational and Mathematical Sciences*, No. 1, pp. 61-67, 2007.
82. S. Kotsiantis, E. Koumanakos, D. Tzelepis, V. Tampakas, Forecasting Fraudulent Financial Statements Using Data Mining, *International Journal of Computational Intelligence*, 2006, No. 2, pp. 104-110.
83. S. Kotsiantis, D. Kanellopoulos, P. Pintelas, Data Preprocessing for Supervised Learning, *International Journal of Computer Science*, 2006, No. 2, pp 111-117.
84. S. Kotsiantis, Local Averaging of Heterogeneous Regression Models, *International Journal of Hybrid Intelligent Systems*, Number 2 (2006), pp. 99-107.
85. S. Kotsiantis, E. Athanasopoulou, P. Pintelas, Logitboost of Multinomial Bayesian Classifier for Text Classification, *International Review on Computers and Software (IRECOS)*, Vol 1(3), pp. 243-250, November 2006.
86. S. Kotsiantis, D. Kanellopoulos, P. Pintelas, Local Boosting of Decision Stumps for Regression and Classification Problems, *Journal of Computers (JCP)*, Vol.4 (1), 2006, pp. 30-37.
87. S. Kotsiantis, I. Zaharakis, P. Pintelas, Machine Learning: a Review of Classification and Combining Techniques, *Artificial Intelligence Review*, 26(3):159-190, 2006. Springer.
88. S. Kotsiantis, D. Kanellopoulos, Discretization Techniques: A recent survey, *GESTS International Transactions on Computer Science and Engineering*, Vol.32 (1), 2006, pp. 47-58.
89. S. Kotsiantis, D. Kanellopoulos, Association Rules Mining: A Recent Overview, *GESTS International Transactions on Computer Science and Engineering*, Vol.32 (1), 2006, pp. 71-82.
90. S. Kotsiantis, D. Kanellopoulos, P. Pintelas, Handling imbalanced datasets: A review, *GESTS International Transactions on Computer Science and Engineering*, Vol.30 (1), 2006, pp. 25-36.

91. S. Kotsiantis, D. Kanellopoulos, V. Tampakas, On Implementing a Financial Decision Support System, IJCSNS International Journal of Computer Science and Network Security, VOL.6 No.1A, January 2006, pp.103-112.
92. S. Kotsiantis, P. Pintelas, Logitboost of Simple Bayesian Classifier, Computational Intelligence in Data mining Special Issue of the Informatica Journal, Vol 29 (1), pp. 53-59, 2005.
93. M. Ikonomakis, S. Kotsiantis, V. Tampakas, Text Classification Using Machine Learning Techniques, WSEAS Transactions on Computers, Issue 8, Volume 4, August 2005, pp. 966-974.
94. S. Kotsiantis, P. Pintelas, Local Voting of Weak Classifiers, International Journal of Knowledge-Based & Intelligent Engineering Systems (KES), 2005, Volume 9, pp. 239 - 248.
95. S. Kotsiantis, C. Pierrakeas, P. Pintelas, Predicting Students' Performance in Distance Learning Using Machine Learning Techniques, Applied Artificial Intelligence (AAI), Volume 18, Number 5 / May-June 2004, pp. 411 - 426.
96. S. Kotsiantis, P. Pintelas, A Decision Support Prototype Tool for Predicting Student Performance in an ODL Environment, International Journal of Interactive Technology and Smart Education (ITSE), No 4, 2004, pp. 253-263.
97. S. Kotsiantis, P. Pintelas, Combining Bagging and Boosting, International Journal of Computational Intelligence, No. 4 (324-333), 2004.
98. George E. Tsekouras, Dimitris Papageorgiou, Sotiris B. Kotsiantis, Christos Kalloniatis, Panagiotis E. Pintelas, Fuzzy Clustering of Categorical Attributes and its Use in Analyzing Cultural Data, International Journal of Computational Intelligence, No. 2 (147-151), 2004.
99. S. Kotsiantis, P. Pintelas, Recent Advances in Clustering: A Brief Survey, WSEAS Transactions on Information Science and Applications, Vol 1, No 1 (73-81), 2004.
100. S. Kotsiantis, P. Pintelas, Mixture of Expert Agents for Handling Imbalanced Data Sets, Annals of Mathematics, Computing & TeleInformatics, Vol 1, No 1 (46-55), 2003.

II. International conferences

1. Aikaterini Karanikola, Charalampos M. Liapis, S. Kotsiantis, A comparative study of validity indices on estimating the optimal number of clusters, 12th International Conference on Information, Intelligence, Systems and Applications (IISA2021), 12-14 July 2021 (**Best Student Paper Award**).
2. Iliana Paliari, Aikaterini Karanikola, S. Kotsiantis, A comparison of the optimized LSTM , XGBOOST and ARIMA in Time Series forecasting, 12th International Conference on Information, Intelligence, Systems and Applications (IISA2021), 12-14 July 2021
3. T. Panagiotakopoulos, S. Kotsiantis, S. Borotis, F. Lazarinis, A. Kameas, Applying Machine Learning to Predict Whether Learners will Start a MOOC after Initial Registration, AIAI 2021, 17th International Conference on Artificial Intelligence Applications and Innovations, pp 466-475, Crete, Greece, 25 – 27 June, 2021
4. Vangjel Kazllarof, Sotiris Kotsiantis, Active Bagging Ensemble Selection, AIAI 2021, 17th International Conference on Artificial Intelligence Applications and Innovations, pp 455-465, Crete, Greece, 25 – 27 June, 2021
5. Maria Tsiakmaki, Georgios Kostopoulos, Sotiris Kotsiantis, Omiros Ragos, Fuzzy-based Active Learning for Predicting Student Academic Performance, 6th International Conference on Engineering & MIS 2020, Almaty, Kazakhstan, 14-16 September, 2020, ACM, <https://doi.org/10.1145/3410352.3410823>
6. Stamatios-Aggelos Alexandropoulos, Sotiris Kotsiantis, Violetta Piperigou and Michael Vrahatis, A new ensemble method for outlier identification, INTERNATIONAL CONFERENCE, CONFLUENCE 2020, 29th - 31st January, 2020, Amity University Uttar Pradesh, Noida, India, IEEE.
7. Georgios Temponeras, Stamatios-Aggelos Alexandropoulos, Sotiris Kotsiantis, Michael Vrahatis, Financial Fraudulent Statements Detection through a Deep Dense Artificial Neural

- Network, 10th International Conference on Information, Intelligence, Systems and Applications (IISA2019), Patras, Greece, July 15-17, 2019, IEEE.
8. Georgios Kostopoulos, Nikos Fazakis, Sotiris Kotsiantis, Kyriakos Sgarbas, Multi-objective Optimization of C4.5 Decision Tree for Predicting Student Academic Performance, 10th International Conference on Information, Intelligence, Systems and Applications (IISA2019), Patras, Greece, July 15-17, 2019, IEEE.
 9. Stamatis Karlos, Vasileios G. Kanas, Christos Aridas, Nikos Fazakis, Sotiris Kotsiantis, Combining Active Learning with Self-train algorithm for classification of multimodal problems, 10th International Conference on Information, Intelligence, Systems and Applications (IISA2019), Patras, Greece, July 15-17, 2019, IEEE (**Best Student Paper Award**).
 10. Nikos Fazakis, Georgios Kostopoulos, Stamatis Karlos, Sotiris Kotsiantis, Kyriakos Sgarbas, Self-trained eXtreme Gradient Boosting Trees, 10th International Conference on Information, Intelligence, Systems and Applications (IISA2019), Patras, Greece, July 15-17, 2019, IEEE.
 11. Dimitrios Tsarmopoulos, Athanasia Papanikolaou, Sotiris Kotsiantis, Theodoula Grapsa, George Androulakis, Performance Evaluation and Comparison of Mutli-objective Optimization Algorithms, 10th International Conference on Information, Intelligence, Systems and Applications (IISA2019), Patras, Greece, July 15-17, 2019, IEEE.
 12. S. Karlos, V. Kanas, N. Fazakis, C. Aridas, S. Kotsiantis, Investigating the benefits of exploiting incremental learners under Active Learning scheme, 15th IFIP International Conference on Artificial Intelligence Applications and Innovations (AIAI 2019), Springer.
 13. Stamatios-Aggelos Alexandropoulos, Christos Aridas, Sotiris Kotsiantis and Michael Vrahatis, Stacking strong ensembles of classifiers, 15th IFIP International Conference on Artificial Intelligence Applications and Innovations (AIAI 2019), Springer.
 14. Stamatios-Aggelos Alexandropoulos, Christos Aridas, Sotiris Kotsiantis and Michael Vrahatis, A Deep Dense Neural Network for Bankruptcy Prediction, Engineering Applications of Neural Networks (EANN 2019). Springer
 15. Maria Tsiakmaki, Georgios Kostopoulos, Giannis Koutsonikos, Christos Pierrakeas, Sotiris Kotsiantis, Omiros Ragos, Predicting University Students' Grades Based on Previous Academic Achievements, 9th International Conference on Information, Intelligence, Systems and Applications (IISA2018), Zakynthos, Greece, July 23-25, 2018, IEEE.
 16. A. Gkontzidis, S. Kotsiantis, Ch. Panagiotakopoulos, V. Verykios, Measuring Engagement to Assess Performance of Students in Distance Learning, 9th International Conference on Information, Intelligence, Systems and Applications (IISA2018), Zakynthos, Greece, July 23-25, 2018, IEEE.
 17. S. Karlos, N. Fazakis, K. Kalleris, V. Kanas, S. Kotsiantis, An incremental self-trained ensemble algorithm, IEEE EAIS 2018, 25-27 May 2018
 18. Katerina Karanikola, Stamatis Karlos, Vangjel Kazllarof, Eirini Kateri, Sotiris Kotsiantis, Active Fuzzy Rule Induction, IEEE EAIS 2018, 25-27 May 2018
 19. Georgios Kostopoulos, Sotiris Kotsiantis, V. Verykios, A prognosis of junior high school students' performance based on active learning methods, BFAL-2017, Lecture Notes in Computer Science, 67-76.
 20. Georgios Kostopoulos, Stamatis Karlos, Sotiris Kotsiantis, Vassilis Tampakas, Evaluating Active Learning Methods for Bankruptcy Prediction, BFAL-2017, Lecture Notes in Computer Science, 57-66.
 21. Vangjel Kazllarof, Stamatis Karlos, Sotiris Kotsiantis and Michalis Xenos: Automated hand gesture recognition exploiting Active Learning methods, Proceedings of the 21st Panhellenic Conference on Informatics, PCI 2017, Greece, ACM
 22. Georgios Kostopoulos, Sotiris Kotsiantis, Omiros Ragos and Theodoula Grapsa, Early Dropout Prediction in Distance Higher Education Using Active Learning, 8th International Conference on Information, Intelligence, Systems and Applications (IISA2017), IEEE

23. Georgios Kostopoulos, Sotiris Kotsiantis, Ioannis Livieris and Vassilis Tampakas, Enhancing high school students' performance based on semi-supervised methods, 8th International Conference on Information, Intelligence, Systems and Applications (IISA2017), IEEE
24. Georgios Kostopoulos, Sotiris Kotsiantis, Anastasia-Dimitra Lipitakis and George Gravvanis, Predicting Student Performance in Distance Higher Education Using Active Learning, Engineering Applications of Neural Networks (EANN 2017). Springer
25. Stamatis Karlos, Georgios Kostopoulos, Sotiris Kotsiantis and Vasilis Tampakas, Using Active Learning Methods for predicting fraudulent financial statements, Engineering Applications of Neural Networks (EANN 2017). Springer
26. Christos Aridas, Stamatios-Aggelos Alexandropoulos, Sotiris Kotsiantis and Michael Vrahatis, Resampling in One-Versus-All strategy for handling multi-class problems, Engineering Applications of Neural Networks (EANN 2017). Springer, 111-121.
27. Stamatis Karlos, Nikos Fazakis, Sotiris Kotsiantis, and Kyriakos Sgarbas, An Empirical Study of Active Learning for Text Classification, KES International Conference on Knowledge Based and Intelligent Engineering Information & Engineering Systems, CIMA 2017, 6-8 September 2017, Marseille, France, Advances in Smart Systems Research, Vol. 6. No. 2 : pp.1-15
28. Vasileios Papastefanopoulos, Stamatis Karlos and Sotiris Kotsiantis, Using semi-supervised learning methods for credit rating problem, KES International Conference on Knowledge Based and Intelligent Engineering Information & Engineering Systems, CIMA 2017, 6-8 September 2017, Marseille, France, Advances in Smart Systems Research, Vol. 6. No. 2 : pp.28-40
29. Nikos Fazakis, Stamatis Karlos, Sotiris Kotsiantis and Kyriakos Sgarbas, Self-Labeled Hidden Naive Bayes Algorithm for Semi-Supervised Classification, 7th International Conference on Information, Intelligence, Systems and Applications (IISA2016), IEEE (**Best Student Paper Award**)
30. Stamatis Karlos, Nikos Fazakis, Sotiris Kotsiantis, and Kyriakos Sgarbas: Semi-supervised forecasting of fraudulent financial statements, Proceedings of the 20th Panhellenic Conference on Informatics, PCI 2016, Patras, Greece, November 10-12, 2016. ACM (**Best Student Paper Award**)
31. Stamatis Karlos, Nikos Fazakis, Katerina Karanikola, Sotiris Kotsiantis and Kyriakos Sgarbas, Speech Recognition combining MFCCs and Image Features, 18th International Conference on Speech and Computer SPECOM 2016, Volume 9811 of the series Lecture Notes in Computer Science pp. 651-658.
32. Stamatis Karlos, Nikos Fazakis, Sotiris Kotsiantis and Kyriakos Sgarbas, Effectiveness of semi-supervised learning in bankruptcy prediction, 7th International Conference on Information, Intelligence, Systems and Applications (IISA2016), IEEE
33. Vangelj Kazlarof, Stamatis Karlos, Angeliki-Panagiota Panagopoulou, Sotiris Kotsiantis: Automated hand gesture recognition for educational applications, Proceedings of the 20th Panhellenic Conference on Informatics, PCI 2016, Patras, Greece, November 10-12, 2016. ACM
34. Christos Aridas, Sotiris Kotsiantis and Michael Vrahatis, Increasing diversity in Random Forests using Naive Bayes, 12th IFIP International Conference on Artificial Intelligence Applications and Innovations (AIAI 2016), Springer, 75-86.
35. Christos Aridas, Sotiris Kotsiantis and Michael Vrahatis, Combining Prototype Selection with Local Boosting, 12th IFIP International Conference on Artificial Intelligence Applications and Innovations (AIAI 2016), Springer, 94-105
36. Nikos Fazakis, Stamatis Karlos, Sotiris Kotsiantis, Kyriakos Sgarbas, Speaker Identification using Semi-Supervised Learning, 17th International Conference on Speech and Computer SPECOM 2015, 20-24 September, Athens, Greece, Lecture Notes in Computer Science, Volume 9319, pp. 389-396
37. Stamatis Karlos, Nikos Fazakis, Sotiris Kotsiantis, Kyriakos Sgarbas, Self-train Logitboost for Semi-supervised Learning, Engineering Applications of Neural Networks (EANN 2015). Springer, 139-148

38. G. Kostopoulos, S. Kotsiantis, P. Pintelas, Predicting Student Performance in Distance Higher Education Using Semi-Supervised Techniques, MEDI 2015, Island of Rhodes, Greece, 25-28 September 2015, Springer, 259-270.
39. Anastasia-Dimitra Lipitakis and Sotiris Kotsiantis, Combining ensembles algorithms of symbolic learners, 6th International Conference on Information, Intelligence, Systems and Applications (IISA2015), Ionian University, Corfu, Greece, July 6-8, 2015, IEEE CS
40. Anastasia-Dimitra Lipitakis, Gerasimos S. Antzoulatos, Sotiris Kotsiantis and Michael N. Vrahatis, Integrating Global and Local Boosting, 6th International Conference on Information, Intelligence, Systems and Applications (IISA2015), Ionian University, Corfu, Greece, July 6-8, 2015, IEEE CS
41. Georgios Kostopoulos, Sotiris Kotsiantis and Panagiotis Pintelas, Estimating student dropout in distance higher education using semi-supervised techniques, In Proceedings of the 19th Panhellenic Conference on Informatics (PCI '15), ACM, Pages: 38-43
42. Christos Aridas and Sotiris Kotsiantis. 2015. Combining random forest and support vector machines for semi-supervised learning. In Proceedings of the 19th Panhellenic Conference on Informatics (PCI '15), ACM, 123-128.
43. Lipitakis Anastasia-Dimitra, Kotsiantis Sotiris, A hybrid Machine Learning methodology for imbalanced datasets, The 5th International Conference on Information, Intelligence, Systems and Applications, IISA 2014, Greece, IEEE CS, pp. 252 – 257
44. Despina Deligianni and Sotiris Kotsiantis, Forecasting Corporate Bankruptcy with an Ensemble of Classifiers, Lecture Notes in Computer Science, 2012, Volume 7297, Pages 65-72
45. Elias Zouboulidis and Sotiris Kotsiantis, Forecasting Fraudulent Financial Statements with Committee of Cost-Sensitive Decision Tree Classifiers, Lecture Notes in Computer Science, 2012, Volume 7297/2012, 57-64.
46. Elias Kamos, Foteini Matthaiou and Sotiris Kotsiantis, Credit Rating Using a Hybrid Voting Ensemble, Lecture Notes in Computer Science, 2012, Volume 7297/2012, 165-173
47. E. Pappas, S. Kotsiantis, Integrating Global and Local Application of Discriminative Multinomial Bayesian Classifier for Text Classification, 1st International Symposium on Intelligent Informatics (ISI'12), 4 – 5 August 2012, Chennai, India, Advances in Intelligent Systems and Computing, Volume 182, Intelligent Informatics, Pages 49-55.
48. Sotiris Kotsiantis, V. Tampakas, Increasing the Accuracy of Hidden Naive Bayes Model, 2nd International Conference on Data Mining and Intelligent Information Technology Applications, IEEE CS, 2010, Seoul, Korea, pp. 247-252.
49. S. Kotsiantis, I. Tsagaraki, Ensemble of Classifiers for Handling Biomedical Problems, 2nd International Conference on Data Mining and Intelligent Information Technology Applications, IEEE CS, 2010, Seoul, Korea, pp. 404-409.
50. Sotiris Kotsiantis, Local Random Subspace Method for Constructing Multiple Decision Stumps, 2009 IEEE International Conference on Information and Financial Engineering (ICIFE 2009), pp. 125-129.
51. Sotiris Kotsiantis, Dimitris Kanellopoulos, Vasiliki Karioti and Vasilis Tampakas, On Implementing an Ontology-based Portal for Intelligent Bankruptcy Prediction, 2009 IEEE International Conference on Information and Financial Engineering (ICIFE 2009), pp. 108-112.
52. Sotiris Kotsiantis, Dimitris Kanellopoulos, Vasiliki Karioti and Vasilis Tampakas, An ontology-based portal for credit risk analysis, IEEE ICCSIT 2009: Special Session on Artificial Intelligence and Neural Networks (ICAINN 2009), pp. 165-169.
53. Sotiris Kotsiantis, P. E. Pintelas, Local Rotation Forest of Decision Stumps for Regression Problems, IEEE ICCSIT 2009: Special Session on Artificial Intelligence and Neural Networks (ICAINN 2009), pp. 170-174.

54. T. Mouratis, Sotiris Kotsiantis, Increasing the Accuracy of Discriminative of Multinomial Bayesian Classifier in Text Classification, International Conference on Convergence and hybrid Information Technology (ICCIT09), IEEE CS, Nov. 24-26, 2009, pp. 1246-1251.
55. D. Anyfantis, M. Karagiannopoulos, S. B. Kotsiantis and P. E. Pintelas, Creating ensembles of classifiers by distributing an imbalance dataset to reach balance in each resulting training set, 2008 IEEE International Conference on Distributed Human-Machine Systems, Athens, Greece, March 9-12, 2008, pp. 311-315.
56. S. Kotsiantis, Stacking Cost Sensitive Models, IEEE PCI 2008, August 28-30, 2008, Samos Island, Greece, 217-221.
57. S. Kotsiantis, Local Grading of Learners, IEEE PCI 2008, August 28-30, 2008, Samos Island, Greece, pp. 209-213.
58. S. Kotsiantis, D. Kanellopoulos, Applying Machine Learning Techniques for Environmental Reporting, 4th International Conference on Networked Computing and Advanced Information Management (NCM2008), IEEE CS, pp. 217-223, September 2nd-4th 2008, Gyeongju, Korea.
59. S. Kotsiantis, D. Kanellopoulos, Grading Cost Sensitive Models, International Conference on Convergence and hybrid Information Technology (ICCIT08), IEEE CS, Nov. 11~13, 2008, Novotel Ambassador Busan, Busan, Korea, pp. 663-668.
60. S. Kotsiantis, D. Kanellopoulos, Multi-instance learning for bankruptcy prediction, International Conference on Convergence and hybrid Information Technology (ICCIT08), IEEE CS, Nov. 11~13, 2008, Novotel Ambassador Busan, Busan, Korea, pp. 1007-1012.
61. S. Kotsiantis, D. Kanellopoulos, Multi-Instance Learning for Predicting Fraudulent Financial Statements, International Conference on Convergence and hybrid Information Technology (ICCIT08), IEEE CS, Nov. 11~13, 2008, Novotel Ambassador Busan, Busan, Korea, pp. 448-452.
62. S. Kotsiantis, D. Kanellopoulos, Cascade Generalization with Classification and Model Trees, International Conference on Convergence and hybrid Information Technology (ICCIT08), IEEE CS, Nov. 11~13, 2008, Novotel Ambassador Busan, Busan, Korea, pp. 248-253.
63. D. Anyfantis, M. Karagiannopoulos, S. B. Kotsiantis and P. E. Pintelas, Robustness of learning algorithms in handling noise in imbalanced datasets, IFIP International Federation for Information Processing AIAI 2007, Vol. 247, Springer-Verlag, pp. 21-28.
64. M. Karagiannopoulos, D. Anyfantis, S. B. Kotsiantis and P. E. Pintelas, A Wrapper for Reweighting Training Instances for Handling Imbalanced Datasets, IFIP International Federation for Information Processing AIAI 2007, Vol. 247, Springer-Verlag, pp. 29-36.
65. S. Kotsiantis, D. Kanellopoulos, Combining Bagging, Boosting and Dagging, Lecture Notes in Artificial Intelligence, KES2007, Springer-Verlag, Volume 4693/2007, pp. 493-500.
66. D. Anyfantis, M. Karagiannopoulos, S. B. Kotsiantis and P. E. Pintelas, Local Dagging of Decision Stumps for Regression and Classification Problems, 15th IEEE Mediterranean Conference on Control and Automation. 27-30 June, 2007 Athens, Greece, CD Proceedings.
67. M. Karagiannopoulos, D. Anyfantis, S. B. Kotsiantis and P. E. Pintelas, Local Cost Sensitive Learning For Handling Imbalanced Data Sets, 15th IEEE Mediterranean Conference on Control and Automation. 27-30 June, 2007 Athens, Greece, CD Proceedings.
68. Dimitris Kanellopoulos, Sotiris Kotsiantis, Vasilis Tampakas, Towards an ontology-based system for intelligent prediction of firms with fraudulent financial statements, 12th IEEE Conference on Emerging Technologies and Factory Automation September 25-28, 2007 - Patras – Greece, pp.1300-1307.
69. S. Kotsiantis, D. Kanellopoulos, Lazy MetaCost Naive Bayes, IEEE International Conference on Convergence Information Technology 2007 (ICCIT07), November 21st - 23rd 2007, Gyeongju, Korea, pp. 1602-1607.
70. S. Kotsiantis, D. Kanellopoulos, Local Selective Voting, IEEE International Conference on Convergence Information Technology 2007 (ICCIT07), November 21st - 23rd 2007, Gyeongju, Korea, pp. 1621-1626.

71. S. Kotsiantis, E. Koumanakos, D. Tzelepis, V. Tampakas, Predicting Fraudulent Financial Statements with Machine Learning Techniques, Lecture Notes in Artificial Intelligence, SETN 2006, Springer-Verlag, Vol. 3955, pp. 538 – 542, 2006.
72. S. Kotsiantis, D. Kanellopoulos, P. Pintelas, Local Additive Regression of Decision Stumps, Lecture Notes in Artificial Intelligence, Springer-Verlag, Vol. 3955, SETN 2006, pp. 148 – 157, 2006.
73. S. Kotsiantis, Local Ordinal Classification, IFIP International Federation for Information Processing, Vol. 204, AIAI 2006, Springer-Verlag, pp 1-8, 2006.
74. S. Kotsiantis, D. Kanellopoulos, I. Zaharakis, Bagged Averaging of Regression Models, IFIP International Federation for Information Processing, Vol. 204, AIAI 2006, Springer-Verlag, pp. 53-60, 2006.
75. S. Kotsiantis, E. Koumanakos, D. Tzelepis, V. Tampakas, Financial Application of Neural Networks: Two case studies in Greece, Lecture Notes in Artificial Intelligence, ICANN 2006, Springer-Verlag, Vol. 4132, pp. 672 – 681, 2006.
76. D. Kanellopoulos, S. Kotsiantis, P. Pintelas, Ontology-Based Learning Applications: A Development Methodology, Twenty-Fourth IASTED International Conference on SOFTWARE ENGINEERING, February 14 – 16, 2006 Innsbruck, Austria, pp.27-32.
77. S. Kotsiantis, A. Kostoulas, S. Lykoudis, A. Argiriou, K. Menagias, Filling Missing Temperature Values in Weather Data Banks, 2nd IEE International Conference on Intelligent Environments, 5-6 July, 2006, Athens, Greece, Vol 1, pp. 327-334.
78. S. Kotsiantis, G. Tsekouras, C. Raptis, P. Pintelas, Modeling the organoleptic properties of matured wine distillates, Lecture Notes in Artificial Intelligence, MLDM 2005, Springer-Verlag, Vol. 3587, pp. 667 – 673, 2005.
79. S. Kotsiantis, G. Tsekouras, P. Pintelas, Bagging random trees for estimation of tissue softness, Lecture Notes in Artificial Intelligence, MLDM 2005, Springer-Verlag, Vol. 3587, pp. 674 – 681, 2005.
80. George E. Tsekouras, Dimitris Papageorgiou, Sotiris B. Kotsiantis, Christos Kalloniatis, Panagiotis E. Pintelas, A Fuzzy Logic-based Approach for Detecting Shifting Patterns in Cross-Cultural Data, Lecture Notes in Artificial Intelligence, IEA/AIE 2005, Springer-Verlag Vol 3533, pp. 705 – 708, 2005.
81. S. Kotsiantis, G. Tsekouras, P. Pintelas, Bagging Model Trees for Classification Problems, Lecture Notes in Artificial Intelligence, PCI 2005, Springer-Verlag Vol 3746, pp. 328 – 337, 2005.
82. S. Kotsiantis, G. Tsekouras, P. Pintelas, Local Bagging of Decision Stumps, Lecture Notes in Artificial Intelligence, IEA/AIE 2005, Springer-Verlag Vol 3533, pp. 406 – 411, 2005.
83. S. B. Kotsiantis, P.E. Pintelas, Predicting Students' Marks in Hellenic Open University, Proceedings of 5th IEEE International Conference on Advanced Learning Technologies, July 5-8, 2005 Kaohsiung, Taiwan, pp. 664 - 668.
84. S. Kotsiantis, D. Tzelepis, E. Koumanakos, V. Tampakas, Efficiency of Machine Learning Techniques in Bankruptcy Prediction, Proceedings of 2nd International Conference on Enterprise Systems and Accounting 2005, July 11-12, Thessaloniki, Greece, pp. 39-49.
85. S.Kotsiantis, P. Pintelas, Bagged Voting Ensembles, Lecture Notes in Artificial Intelligence, AIMS 2004, Springer-Verlag Vol 3192, pp. 168-177, 2004.
86. S.Kotsiantis, P. Pintelas, Increasing the Classification Accuracy of Simple Bayesian Classifier, Lecture Notes in Artificial Intelligence, AIMS 2004, Springer-Verlag Vol 3192, pp. 198-207, 2004.
87. S.Kotsiantis, P. Pintelas, A Cost Sensitive Technique for Ordinal Classification Problems, Lecture Notes in Artificial Intelligence, SETN 2004, Springer-Verlag Vol 3025, pp. 220-229,2004.
88. S. Kotsiantis, D. Kanellopoulos, P. Pintelas, Multimedia Mining, WSEAS Transactions on Systems, Issue 10, Volume 3, December 2004, pp. 3263-3268.

89. S. Kotsiantis, Pintelas, On the selection of classifier-specific feature selection algorithms, IJSIT Lecture Note of International Conference on Intelligent Knowledge Systems, Vol.1, No. 1, August 2004, pp 153-160.
90. S. B. Kotsiantis, P. E. Pintelas (2004), An Online Ensemble Of Classifiers, The Fourth International Workshop on Pattern Recognition in Information Systems – PRIS-2004, In conjunction with 6th International Conference on Enterprise Information Systems, pp 59-68, Porto - Portugal 14-17, April 2004.
91. S.Kotsiantis, P. Pintelas (2004), A Hybrid Decision Support Tool, Proceedings of 6th International Conference on Enterprise Information Systems, Volume 2, pp 448-453, Porto - Portugal 14-17, April 2004.
92. S. B. Kotsiantis, P. E. Pintelas (2004), Hybrid Feature Selection instead of Ensembles of Classifiers in Medical Decision Support, Proceedings of Information Processing and Management of Uncertainty in Knowledge-Based Systems, July 4-9, Perugia - Italy, pp. 269-276.
93. S. Kotsiantis, P. Pintelas (2004), A Fast Ensemble of Classifiers, Proceedings of Information Processing and Management of Uncertainty in Knowledge-Based Systems, July 4-9, Perugia - Italy, pp. 277-284.
94. S. Kotsiantis, P. Pintelas, Local Boosting of Weak Classifiers, IEEE 4th International Conference on Intelligent Systems Design and Applications (ISDA 2004), August 26-28, 2004, Budapest, Hungary, pp. 175-180.
95. S. Kotsiantis, P. Pintelas, Selective Voting, IEEE 4th International Conference on Intelligent Systems Design and Applications (ISDA 2004), August 26-28, 2004, Budapest, Hungary, pp. 397-402.
96. S. Kotsiantis, I. Zaharakis, V. Tampakas, P. Pintelas, On Constructing a Financial Decision Support System, Proceedings of International Conference on Enterprise Systems and Accounting 2004, September 3-4, 2004, Thessaloniki, Greece, pp 319-331.
97. S.Kotsiantis, C. Pierrakeas and P. Pintelas, Preventing student dropout in distance learning systems using machine learning techniques, Lecture Notes in Artificial Intelligence, KES 2003, Springer-Verlag Vol 2774, pp 267-274, 2003.

Reviewer in International Journals

1. 1. Pattern Recognition Journal
2. IEEE Transactions on Signal Processing
3. IEEE Transactions on Cybernetics
4. Pattern Analysis and Machine Intelligence Journal
5. International Journal of Information Technology & Decision Making
6. International Journal of Intelligent Systems in Accounting, Finance and Management
7. Journal of Intelligent Manufacturing
8. Journal of Mathematical Problems in Engineering
9. Journal of Computational Science
10. The Computer Journal
11. Entropy Journal
12. Eurasia Journal of Mathematics, Science and Technology Education
13. Neural Computing and Applications
14. IEEE Transactions on Systems, Man, and Cybernetics--Part B: Cybernetics
15. Journal of Data Mining and Knowledge Discovery
16. Journal of JZUS-A
17. IEEE Transactions on Information Technology in Biomedicine
18. IET Intelligent Transport Systems
19. BMC Medical Informatics and Decision Making
20. Journal of Applied Mathematics
21. Knowledge-Based Systems

22. Computational Intelligence Systems
23. Information Processing Letters
24. Neurocomputing
25. International Journal of Systems Science
26. International Journal of Metaheuristics
27. Journal of King Saud University - Computer and Information Sciences
28. Journal of Intelligent and Fuzzy Systems
29. Wiley Encyclopedia of Operations Research and Management Science
30. Engineering Applications of Artificial Intelligence
31. The Arabian Journal for Science and Engineering.
32. Computational and Mathematical Methods in Medicine
33. Computational and Mathematical Organization Theory
34. Future Generation Computer Systems
35. Asia Pacific Education Review
36. Computational Intelligence and Neuroscience
37. IEEE Transactions on Knowledge and Data Engineering
38. Landscape and Urban Planning
39. Algorithms (CODEN: ALGOCH)
40. Journal of Computer Networks and Communications
41. Evolving Systems
42. Sensors
43. Journal of Engineering
44. Communications in Statistics – Theory and Methods
45. Advances in Artificial Intelligence
46. IEEE Transactions on Learning Technologies
47. Egyptian Informatics Journal
48. Mobile Information Systems
49. Journal of Electrical and Computer Engineering
50. Journal of Business Economics
51. Journal of the Operational Research Society
52. American Journal of Educational Research
53. International Journal of Bio-Inspired Computation
54. International Journal of Distributed Sensor Networks
55. PLOS ONE
56. Machine Learning and Knowledge Extraction
57. Journal of Pattern Recognition and Artificial Intelligence
58. Informatica
59. Statistical Methods in Medical Research
60. Industrial Management & Data Systems
61. Recent Advances in Electrical & Electronic Engineering
62. Symmetry (ISSN 2073-8994; CODEN: SYMMAM)
63. ISPRS Journal of Photogrammetry and Remote Sensing
64. International Journal on Information Technologies and Security
65. Journal of Healthcare Engineering
66. International Journal of Engineering Education
67. Applied Sciences
68. Computer Networks
69. IEEE Transactions on Fuzzy Systems
70. Annual Reviews in Control
71. Molecules
72. Current Medical Imaging Reviews

73. Sustainability
74. Electronic Journal of Information Systems Evaluation (EJISE)
75. International Journal of Web Engineering and Technology
76. International Journal of Computing Science and Mathematics
77. Computer Methods and Programs in Biomedicine
78. Journal of Educational Data Mining (JEDM)
79. Genes
80. Data Science
81. ICT Express
82. Big Data and Cognitive Computing
83. Soft Computing
84. Children and Youth Services Review
85. Heliyon
86. Journal of AI and Data Mining
87. Journal of the Franklin Institute
88. Neural Processing Letters
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90. Chemical Engineering Science
91. Communications in Statistics - Simulation and Computation
92. Scientific Reports
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3. International Program Committee of 2021 Sixth International Conference on Image Information Processing (ICIIP -2021), November 26 - 28, 2021, INDIA

4. International Program Committee of The 2nd International Conference on Deep Learning, Big Data and Blockchain (DEEP-BDB 2021), 23-25 August 2021, Virtual (Online), Springer, AISC
5. International Program Committee of FUZZ-IEEE 2021, 11-14 July, Luxembourg.
6. International Program Committee of ICPRAM 2021, 4-6/2/2021, Vienna, Austria
7. International Program Committee, CoDIT 2020, Prague, Czech Republic on June 29 - July 2, 2020.
8. International Program Committee, International Conference on Machine Learning and Human-Computer Interaction (MLHMI 2020), 20-22 March, 2020, Singapore.
9. International Program Committee, ICPRAM 2020, Malta, 22-24/2/2020
10. Program Committee for Special Session: Machine Learning for Predictive Models in Engineering Applications, Eighteenth International Conference on Machine Learning and Applications (ICMLA 2019), Boca Raton, Florida, USA on December 16-19, 2019.
11. Program Committee for IEEE ICMA 2019, Tianjin, China from August 4 to August 7, 2019.
12. Program Committee for IEEE Fifth International Conference on Image Information Processing (ICIIP -2019), November 15 - 17 , 2019
13. International Program Committee, ICPRAM 2019, Prague, 19-21/2/2019
14. Program Committee for the ISTA'19, 18-21/12/2019, Bangalore, India
15. Program Committee for the Third International Conference on Computing and Network Communications (CoCoNet'19), India on December 18-21, 2019.
16. Program Committee for the DEEP-ML 2019 : The International Conference on Deep Learning and Machine Learning in Emerging Applications, Aug 26, 2019 - Aug 28, 2019, Istanbul, Turkey
17. TPC, International 5th Workshop on Computer Vision and the Internet (VisionNet'18), September 19-22, 2018, Bangalore, India.
18. Program Committee for the ISTA'18 symposium in the International Conference on Applied Soft computing and Communication Networks (ACN'18), September 19-22, 2018, Bangalore, India
19. Program Committee for the 2018 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2018), Japan, Oct. 7-10, 2018.
20. International Program Committee, 11th International Conference on Educational Data Mining, EDM 2018, 15-18 July, 2018, New York.
21. Technical Program Committee, International Symposium on Computational Intelligence & Applications (ISCIA 2018), 28-29 July 2018, Langkawi Island, Malaysia
22. Technical Program Committee, The Third International Conference on Neuroscience and Cognitive Brain Information, BRAININFO 2018, June 24, 2018 to June 28, 2018 - Venice, Italy
23. Technical Program Committee, The Seventh International Conference on Intelligent Systems and Applications INTELLI 2018, June 24, 2018 to June 28, 2018 - Venice, Italy
24. International Program Committee, ICPRAM 2018, Portugal, 16-18/1/2018
25. International Program Committee, ICPR 2018, 24th International Conference on Pattern Recognition in Beijing, China, August 2018
26. Program Committee, 10th Hellenic Conference on Artificial Intelligence (SETN2018), July 9-15, 2018, Patras
27. International Program Committee, The International Symposium on Computers and Communicatiions(ISoCC 2018), Las Vegas, USA, August 27-29, 2018.
28. Technical Program Committee, International Conference on Intelligent Systems and Wireless Technologies (ICISWT 2018), Dayananda Sagar University, Bangalore, India from 28 - 30 June 2018.
29. Technical Program Committee, HCICTE2018 (11th Pan-Hellenic & International Conference on ICT in Education), 19-21/10/2018
30. Technical Program Committee, International Conference on Communication, Computing & Internet of Things - (IC3IoT 2018), Sri Sai Ram Engineering College, Chennai, India from 15-17 February 2018.

31. Technical Program Committee of The Tenth International Conferences on Pervasive Patterns and Applications, PATTERNS 2018, February 18 - 22, 2018 - Barcelona, Spain
32. Technical Program Committee, International Conference on Computer Science and Application Engineering (CSAE 2017), October 21 to 23, 2017 in Shanghai, China.
33. Technical Program Committee, 2017 Fourth IEEE ICIP (2017 IEEE Second International Conference on Image Information Processing), 21 – 23 DECEMBER 2017, India
34. Technical Program Committee, IEEE Technically Co-Sponsored International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2017) , 21 – 23 DECEMBER 2017, India
35. TPC, 16th IEEE International Conference on Machine Learning and Applications (ICMLA 2017), Mexico from December 18 to 21, 2017.
36. TPC, 3rd Annual International Conference on Computer Science and Mechanical Automation [CSMA2017], November 10-12, 2017, Wuhan, Hubei, China
37. TPC, 3rd International Symposium on Intelligent Systems Technologies and Applications, (ISTA'17), September 13-16, 2017, Manipal, India
38. TPC, Second International Conference on Advanced Wireless Information, Data, and Communication Technologies (AWICT 2017). November 13 – 14, 2017, Paris, France
39. International Program Committee, 57th Annual IACIS International Conference, October 4-7, 2017 in The Courtyard Philadelphia Downtown Marriot in Philadelphia.
40. International Program Committee, 10th International Conference on Educational Data Mining, EDM 2017, 25-28 June, 2017, Wuhan, China.
41. Technical Program Committee, International Conference on Computing and Communication Technologies for Smart Nation (IC3TSN), 12-14 October, 2017, India
42. International Program Committee, 2017 International Symposium on Intelligent Unmanned Systems and Artificial Intelligence(SIUSAI 2017), Japan, 22-24 Sept, 2017
43. Program Committee for the 2017 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2017), Canada, Oct. 5-18, 2017.
44. Technical Program Committee, International Conference On Smart Technologies For Smart Nation (SmartTechCon 2017), REVA University, Bengaluru, India from 17-19 August 2017
45. International Program Committee, International Conference on Internet of Things and Machine Learning (IML 2017), Venue: Liverpool John Moores University, Liverpool city, United Kingdom, October 2017.
46. International Program Committee, ICPRAM 2017, Portugal, 24-26/2/2017
47. Technical Program Committee of The Ninth International Conferences on Pervasive Patterns and Applications, PATTERNS 2017, February 19 - 23, 2017 - Athens, Greece
48. Program Committee for the second International Conference on Internet of Things and Cloud Computing (ICC 2017), Cambridge, United Kingdom, March 22nd to 23rd 2017.
49. Program Committee for BDAW 2016 (International conference on Big Data, Advanced Wireless and Communication), Nov 10, 2016 - Nov 11, 2016, Blagoevgrad, Bulgaria
50. Program Committee for the 2016 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2016), Hungary, Oct. 9-12, 2016.
51. Program Committee for the 23rd International Conference on Pattern Recognition, December 4-8, 2016, Cancún Center, Cancún, México
52. International Program Committee, ICPRAM 2016, Italy, 24-26/2/2016
53. Technical Program Committee of International Conference On Signal Image Processing Communication & Automation (ICSIPCA 2016), India from 8-10 December 2016
54. TPC, International Second Workshop on Computer Vision and the Internet (VisionNet'16), September 21-25, 2016, Jaipur, India.
55. Reviewer of the 2nd International Conference on Applied and Theoretical Computing and Communication Technology (iCATcct 2016), India, 21-23/7/2016.

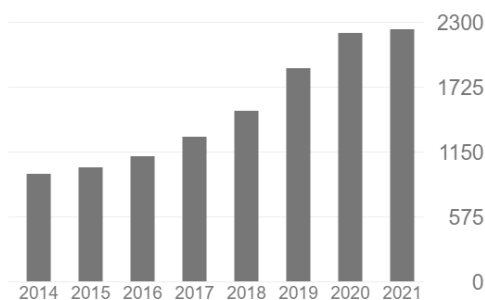
56. TPC, International Symposium on Intelligent Systems Technologies and Applications, (ISTA'16), September 21-25, 2016, Jaipur, India.
57. Program Committee in ICSEKD 2016 : International Conference on Software Engineering and Knowledge Discovery, Morocco, 22-24/9/2016.
58. Program Committee in ICACDS 2016 : International Conference on Advances in Computing and Data Sciences, India, 29-30/7/2016.
59. International Program Committee, 9th International Conference on Educational Data Mining, EDM 2016, June 29, 2016 - July 2, 2016, Raleigh, NC, USA
60. TPC, International Second Workshop on Computer Vision and the Internet (VisionNet'15), August 10-13, 2015, Kerala, India.
61. TPC, The Fourth International Conference on Intelligent Systems and Applications (INTELLI 2015), October 11-16, 2015, Malta.
62. TPC, International Symposium on Intelligent Systems Technologies and Applications, (ISTA'15), August 10-13, 2015, Kerala, India.
63. Program Committee for the 2015 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2015), Hong Kong Oct. 9-12, 2015.
64. International Program Committee, ICPRAM 2015, Portugal, 10-12/1/2015
65. International Program Committee, 8th International Conference on Educational Data Mining, EDM 2015, June 26, 2015 - June 29, 2015, UNED, Madrid, Spain
66. International Program Committee, 2015 IEEE International Conference on Computer Graphics, Vision & Information Security - IEEE CGVIS, Nov 2-3, 2015, KIIT University, Bhubaneswar, Odisha, India
67. 7th International Conference on Pervasive Patterns and Applications (Patterns'15), 22-27/5/2015, France
68. Special Track on Knowledge and Cognitive Science and Technologies: KCST 2015, in the context of The 19th Multi-conference on Systemics, Cybernetics and Informatics: WMSCI 2015, July 12 - 15, 2015 – Orlando, Florida, USA
69. Reviewer of the ICDM 2015, IEEE International Conference on Data Mining, USA, 14-17/11/2015.
70. Reviewer of the International Conference on Applied and Theoretical Computing and Communication Technology (iCATcct 2015), India, October 29, 2015 – October 31, 2015
71. International Symposium on Biomedical Imaging and Sensing (BIS'14), 24-27/9/2014, India
72. ICCAAD' 2014 , 25-26 of November, 2014 in Algiers, Algeria.
73. Program Committee for the 2014 Asian Conference on Computer Vision (ACCV 2014), Nov 1-5, 2014 in Singapore.
74. Program Committee, IACIS 2014, 54th International Conference, October 1 - 4, 2014, The Golden Nugget Hotel & Casino, Las Vegas, NV
75. Program Committee for the 2014 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2014) that will be held in San Diego, California, USA during Oct. 5-8, 2014.
76. International Program Committee, ICPRAM 2014, France, 6-8/3/2014
77. Reviewer of the 18th World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI 2014, July 15 - 18, 2014, Orlando, Florida, USA
78. Reviewer of Closer 2014, 4th International Conference on Cloud Computing and Services Science, Barcelona, 3-5/4/2014
79. TPC, International Workshop on Computer Vision and the Internet (VisionNet'14) -Third International Conference on Advances in Computing, Communications and Informatics (ICACNI-2014), June 24-26, 2014, Delhi, India.
80. Technical Programme Committee, 2nd International Conference on Advanced Computing, Networking, and Informatics (ICACNI-2014), 24th – 26th June, 2014, Kolkata, India.
81. Reviewer of MED'13, 21st Mediterranean Conference on Control and Automation, June 25 - 28, 2013, Platani-Chania, Crete - GREECE

82. International Program Committee, NISS2013, 18-20/6, 2013, Korea
83. Reviewer of IEEE International Conference on Systems, Man, and Cybernetics (SMC: Systems Science), SMC 2013, Manchester, UK, 13-16 October, 2013.
84. Technical Program Committee, 2013 Second IEEE ICIIP (2013 IEEE Second International Conference on Image Information Processing).
85. 12th IEEE International Conference on Machine Learning and Applications (ICMLA 2013)
86. **Second International Symposium on Intelligent Informatics (ISI'13), 23-24 August, 2013, India**
87. International Program Committee, IACIS 2013, San Juan, Puerto Rico - October 2-5, 2013
88. International Program Committee, ICPRAM 2013, Spain, 15-18/2/2013
89. International Program Committee, ICTAI 2012, November 7-9, 2012, Athens, Greece
90. International Program Committee, ICACT 2012, Korea, 3-5/12/2012
91. International Program Committee, ICIPT 2012, Japan, 18-20/9/2012
92. International Program Committee, ICCCT 2012, Korea, 3-5/12/2012
93. International Program Committee, 52nd IACIS Conference in Myrtle Beach, South Carolina, October 3 - 6, 2012
94. International Program Committee, ICPRAM 2012, Vilamoura - Algarve, Portugal, 6-8/2/2012
95. International Program Committee, ICMA2012, Oct. 23 - 25, 2012, Taipei, Taiwan
96. International Program Committee, ICCIT2012, 3-5/12/2012, Seoul, Korea.
97. International Program Committee, The 2nd International Conference on Interaction Sciences: Information Technology, Culture and Human, ACM, Korea.
98. International Program Committee, IEEE International Conference on Convergence Information Technology 2009 (ICCIT09), Korea.
99. International Program Committee, 2009 International Conference on New Trends in Information and Service Science, 3rd NISS2009: June 30- July 2, 2009, Beijing, China
100. International Program Committee, INC2009: International Conference on Networked Computing, August 25-27, 2009, Korea (IEEE CS).
101. International Program Committee, NCM2009: 5th International Conference on Networked Computing and Advanced Information Management, August 25-27, 2009, Korea (IEEE CS).
102. International Program Committee, IDC2009: 5th International Conference on Digital Content, Multimedia Technology and its Application, August 25-27, 2009, Korea (IEEE CS).
103. International Program Committee, IMS2009: the 5th International Conference on Advanced Information Management and Service, August 25-27, 2009, Korea (IEEE CS).
104. International Program Committee, 1st INTERNATIONAL CONFERENCE ON THE WEB SCIENCE - ICWebScience 2009, Athens Greece, May 2009.
105. International Program Committee, 2nd world summit on the knowledge society (WSKS 2009)
106. 48th Annual IACIS International Conference, October 1—4, 2008, Savannah, Georgia, USA
107. International Program Committee, IEEE International Conference on Convergence Information Technology 2008 (ICCIT08), Nov. 2008, Busan , Korea.
108. Program committee, 2nd International ACM Workshop Improving Non-English Web Searching (iNEWS08), Napa Valley Marriott Hotel & Spa: Napa Valley, California October 26-30, 2008.
109. International Program Committee, NCM2008: 4th International Conference on Networked Computing and Advanced Information Management, September 2-4, 2008, Gyeongju, Korea (IEEE CS).
110. PC Member, 19th IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2007), October 29-31, Patra, Greece.
111. Scientific Committee Member First World Summit on the Knowledge Society, 24-28 September, Athens, 2008, Greece.

112. Συν-διοργανωτής mini-symposium on "Hybrid Intelligent Systems and Knowledge Management", within the framework of the Conference HERCMA 2007, The Eighth Hellenic European Research on Computer Mathematics and its Applications, September 20-22, 2007, Athens University of Economics and Business, Athens, Greece.
113. Program Committee of the 2nd International Conference of Computer Science and Network Security, August 28-29, 2006, COEX, Seoul, Korea.
114. Chairman in the International Conference on Computer Science, Vienna, March 29-31, 2006.
115. Reviewer of the 9th WSEAS International Conference on APPLIED MATHEMATICS (MATH 06), Istanbul, Turkey, May 27-29, 2006.
116. Reviewer of the 6th WSEAS International Conference on SOFTWARE ENGINEERING, PARALLEL and DISTRIBUTED SYSTEMS (SEPADS '07), Corfu, Greece, February 16-19, 2007.
117. Reviewer of the 6th WSEAS International Conference on ARTIFICIAL INTELLIGENCE, KNOWLEDGE ENGINEERING and DATA BASES (AIKED '07), Corfu, Greece, February 16-19, 2007.
118. Reviewer of the 6th WSEAS International Conference on 6th WSEAS International Conference on SIGNAL PROCESSING, ROBOTICS and AUTOMATION (ISPRA '07), Corfu, Greece, February 16-19, 2007.
119. Reviewer of the 6th WSEAS International Conference on INSTRUMENTATION, MEASUREMENT, CIRCUITS and SYSTEMS (IMCAS '07), Hangzhou, China, April 15-17, 2007.
120. Reviewer of the 6th WSEAS International Conference on APPLIED COMPUTER SCIENCE (ACOS '07), Hangzhou, China, April 15-17, 2007.
121. Reviewer of the 7th WSEAS Int. Conference on MULTIMEDIA SYSTEMS & SIGNAL PROCESSING (MUSP '07), Hangzhou, China, April 15-17, 2007.
122. Reviewer of the 7th WSEAS Int. Conference on ROBOTICS, CONTROL and MANUFACTURING TECHNOLOGY (ROCOM '07), Hangzhou, China, April 15-17, 2007.
1. Reviewer of the Ninth Asian Conference on Computer Vision, China, September 2009

Citations

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