

Publikationen

Ali Fallah Tehrani, M. Aggarwal (2019): Modelling Human Decision Behaviour with Preference Learning. In: *INFORMS Journal on Computing*, vol. 31, no. 2. DOI: 10.1287/ijoc.2018.0823.

Leon Binder, Ali Fallah Tehrani, P. M. Svasta, Monica I. Ciolacu (2018): Education 4.0 - Artificial Intelligence Assisted Higher Education: Early Recognition System with Machine Learning to Support Students' Success. In: 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME). DOI: 10.1109/SIITME.2018.8599203.

Ali Fallah Tehrani, Diane Ahrens (2018): Enhanced Predictive Models for Purchasing in the Fashion Field by Applying Regression Trees Equipped with Ordinal Logistic Regression. In: *Artificial Intelligence for Fashion Industry in the Big Data Era*, Singapore.

Ali Fallah Tehrani, Diane Ahrens (2017): Modeling Label Dependence for Multi-Label Classification Using the Choquistic Regression. In: *Pattern Recognition Letters*, vol. 92, no. June, pp. 75-80. DOI: 10.1016/j.patrec.2017.04.018.

Ali Fallah Tehrani, Diane Ahrens (2017): Modified Sequential k means Clustering by Utilizing Response: A Case Study for Fashion Products. In: *Expert Systems*, vol. 34, no. 6. DOI: 10.1111/exsy.12226.

Heribert Popp, Ali Fallah Tehrani, Monica I. Ciolacu, R. Beer (2017): Education 4.0 – Fostering Student's Performance with Machine Learning Methods. In: *Proceedings of the IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME) [Constanta, Romania; October 26th–29th, 2017]*. DOI: 10.1109/SIITME.2017.8259941.

Ali Fallah Tehrani, Diane Ahrens (2016): Enhanced predictive models for purchasing in the fashion field by using kernel machine regression equipped with ordinal logistic regression. In: *Journal of Retailing and Consumer Services*, vol. 32, pp. 131-138.

Ali Fallah Tehrani, Diane Ahrens (2016): Supervised Regression Clustering: A Case Study for Fashion Products. In: *International Journal of Business Analytics (IJBAN)*, vol. 3, no. 4, pp. 21-40. DOI: 10.4018/IJBAN.2016100102.

Ali Fallah Tehrani, Diane Ahrens (2016): Improved Forecasting and Purchasing of Fashion Products based on the Use of Big Data Techniques. In: *Supply Management Research*, Wiesbaden.

M. Strickert, Ali Fallah Tehrani, E. Hüllermeier (2014): The Choquet Kernel for Monotone Data. In: *Proceedings of the 22nd European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (ESANN-2014) [April 23rd - 25th 2014, Bruges, Belgium]*.

Ali Fallah Tehrani, C. Lebreuche, E. Hüllermeier (2014): Utilitaristic Choquistic Regression. In: *Proceedings of the DA2PL'2014 Workshop (From Multiple Criteria Decision Aid to Preference Learning) [November 20-21 2014, Paris, France]*.

Ali Fallah Tehrani, E. Hüllermeier, M. Agarwal (2014): Preference-based Learning of Ideal Solutions in TOPSIS-like Decision Models. In: *Journal of Multi-Criteria Decision Analysis*, vol. 22, no. 3-4, pp. 175-183. DOI: 10.1002/mcda.1520.

Ali Fallah Tehrani, E. Hüllermeier (2013): Ordinal Choquistic Regression. In: *Proceedings of the 8th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2013) [April 23rd - 25th 2013, Milan, Italy]*.

Ali Fallah Tehrani, E. Hüllermeier (2013): Efficient Learning of Classifiers based on the 2-additive Choquet Integral Computational Intelligence. In: *Computational Intelligence in Intelligent Data Analysis*, Berlin; New York, vol. Volume 445.

Ali Fallah Tehrani, E. Hüllermeier (2012): On the VC-Dimension of the Choquet Integral. In: Proceedings of the 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU 2012) [July 9th - 13th 2012, Università degli studi di Catania, Italia].

Ali Fallah Tehrani, W. Cheng, E. Hüllermeier (2012): Preference Learning using the Choquet Integral: The Case of Multipartite Ranking. In: IEEE Transactions on Fuzzy Systems, vol. 20, no. 6, pp. 1102-1113. DOI: 10.1109/TFUZZ.2012.2196050.

K. Dembczynski, Ali Fallah Tehrani, W. Cheng, E. Hüllermeier (2012): Learning Monotone Nonlinear Models using the Choquet Integral. In: Machine Learning, vol. 89, no. 1, pp. 183-211. DOI: 10.1007/s10994-012-5318-3.

K. Dembczynski, Ali Fallah Tehrani, W. Cheng, E. Hüllermeier (2011): Learning Monotone Nonlinear Models using the Choquet Integral. In: Machine Learning and Knowledge Discovery in Databases, Berlin [u.a.], vol. 6913 : Lecture Notes in Artificial Intelligence (LNAI).

Ali Fallah Tehrani: Echtzeit-Fehlererkennung und Verbesserung der Produktionsqualität in der Glasindustrie durch künstliche Intelligenz. Posterpräsentation. In: 6. Tag der Forschung, Deggendorf.

Ali Fallah Tehrani: Echtzeit-Fehlererkennung in der Glasindustrie. In: 6. Tag der Forschung, Deggendorf.

Leon Binder, Ali Fallah Tehrani, Monica I. Ciolacu, P. Mugur Svasta: Education 4.0 - Artificial Intelligence Assisted Higher Education: Early Recognition System with Machine Learning to support Students' Success. In: 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME), Iasi, Romania.

Ali Fallah Tehrani: Learning Classifiers on the Use of Monotone Learning. In: 1. Bayerisch-Tschechische Wissenschaftskonferenz "Datenanalyse", Jindřichův Hradec, Tschechische Republik.

Ali Fallah Tehrani: Was Frauen wollen - Absatzprognosen im Modehandel durch künstliche Intelligenz. In: 3. Tag der Forschung - Themenbereiche Wirtschaft und Gesundheit, Deggendorf.