Pattern mining for label ranking
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List of publications

1. C. R. de Sá, C. Soares, A. M. Jorge, P. J. Azevedo, and J. P. da Costa. Mining association rules for label ranking. In *Advances in Knowledge Discovery and Data Mining - 15th Pacific-Asia Conference, PAKDD 2011, Shenzhen, China, May 24-27, 2011, Proceedings, Part II*, pages 432–443, 2011.

2. C. R. de Sá, C. Soares, A. J. Knobbe, P. J. Azevedo, and A. M. Jorge. Multi-interval discretization of continuous attributes for label ranking. In *Discovery Science - 16th International Conference, DS 2013, Singapore, October 6-9, 2013. Proceedings*, pages 155–169, 2013.

3. C. R. de Sá, C. Rebelo, C. Soares, and A. J. Knobbe. Distance-based decision tree algorithms for label ranking. In *Progress in Artificial Intelligence - 17th Portuguese Conference on Artificial Intelligence, EPIA 2015, Coimbra, Portugal, September 8-11, 2015. Proceedings*, pages 525–534, 2015.

4. C. R. de Sá, C. Soares, and A. Knobbe. Permutation tests for label ranking. In *Proceedings of the 27th Benelux Conference on Artificial Intelligence (BNAIC 2015)*, 2015.

5. C. R. de Sá, C. Soares, and A. J. Knobbe. Entropy-based discretization methods for ranking data. *Inf. Sci.*, 329:921–936, 2016.

6. C. R. de Sá, C. Soares, A. Knobbe, and P. Cortez. Label ranking forests. *Expert Systems*, pages n/a–n/a, 2016.

7. C. R. de Sá, W. Duivesteijn, C. Soares, and A. J. Knobbe. Exceptional preferences mining. In *Discovery Science - 19th International Conference, DS 2016, Bari, Italy, October 19-21, 2016, Proceedings*, pages 3–18, 2016.

Other publications

1. C. R. de Sá, J. Costa, C. Soares, P. Azevedo, and A. M. Jorge. Mining association rules for ordinal data classification using an unimodal model. In DSIE'2012 *Doctoral Symposium on Informatics Engineering*, page 165.

2. V. Cerqueira, F. Pinto, C. R. de Sá, and C. Soares. Combining boosted trees with metafeature engineering for predictive maintenance. In *Advances in Intelligent Data Analysis XV - 15th International Symposium, IDA 2016, Stockholm, Sweden, October 13-15, 2016, Proceedings*, pages 393–397, 2016.

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Curriculum Vitae

Cláudio Sá was born in Santa Maria da Feira, Portugal, on the 18th of May in 1984. From 1999 until 2002 he was a student at Escola Secundária de Santa Maria da Feira in Feira. He then studied Physics and Applied Mathematics with a major in Astronomy at Porto University, obtaining his B.Sc. degree in 2008. Part of his degree was done at the National University of Ireland in Galway, Ireland, as an Erasmus program. In 2008 he began studying a Master's programme at Porto University, graduating with a M.Sc. degree in Mathematical Engineering in December 2010. Between December 2010 and September 2011, he was working as a research assistant at the Laboratory of Artificial Intelligence and Decision Support (LIAAD) in Porto, Portugal.

In September 2011, Cláudio started his Ph.D. in Computer Science in Porto University. One year later, Cláudio started his Ph.D. in Computer Science at LIACS, the Leiden Institute of Advanced Computer Science, Leiden University. During his Ph.D., from April 2013 until July 2013, he was a visiting Ph.D. student at Xidian University in Xi'an, China. From June 2015 to September 2015 he was also working part-time as a data scientist at the Sports and Nutrition Faculty of the Hogeschool van Amsterdam.

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