

REFERENCES

- [1] Timo Aho, Bernard Ženko, Sašo Džeroski, and Tapio Elomaa. 2012. Multi-Target Regression with Rule Ensembles. *Journal of Machine Learning Research* 13, Aug (2012), 2367–2407.
- [2] Annalisa Appice and Saso Džeroski. 2007. Stepwise Induction of Multi-target Model Trees. In *Machine Learning: ECML 2007*. Springer Berlin Heidelberg, Berlin, Heidelberg, 502–509. https://doi.org/10.1007/978-3-540-74958-5_46
- [3] Lars Backstrom and Jure Leskovec. 2011. Supervised Random Walks: Predicting and Recommending Links in Social Networks. In *Proceedings of the Fourth ACM International Conference on Web Search and Data Mining (WSDM '11)*. ACM, New York, NY, USA, 635–644. <https://doi.org/10.1145/1935826.1935914>
- [4] Federico Bergenti, Enrico Franchi, and Agostino Poggi. 2011. Selected models for agent-based simulation of social networks. In *3rd Symposium on Social Networks and Multiagent Systems (SNAMAS 2011)*. 27–32.
- [5] Hendrik Blockeel, Luc De Raedt, and Jan Ramon. 2000. Top-down induction of clustering trees. (nov 2000). [arXiv:cs/0011032](https://arxiv.org/abs/cs/0011032)
- [6] Jim Blythe. 2012. A dual-process cognitive model for testing resilient control systems. In *2012 5th International Symposium on Resilient Control Systems*. IEEE, 8–12. <https://doi.org/10.1109/ISRCS.2012.6309285>
- [7] James Blythe, Emilio Ferrara, Di Huang, Kristina Lerman, Goran Muric, Anna Sapienza, Alexey Tregubov, Diogo Pacheco, John Bollenbacher, Alessandro Flammini, et al. 2019. The DARPA SocialSim Challenge: Massive Multi-Agent Simulations of the Github Ecosystem. In *Proceedings of the 18th International Conference on Autonomous Agents and MultiAgent Systems*. International Foundation for Autonomous Agents and Multiagent Systems, 1835–1837.
- [8] J. Blythe and A. Tregubov. 2018. FARM: Architecture for Distributed Agent-Based Social Simulations. In *Massively Multi-Agent Systems II*, Donghui Lin, Toru Ishida, Franco Zambonelli, and Itsuki Noda (Eds.). Springer International Publishing, 96–107.
- [9] Jim Blythe and Alexey Tregubov. 2019. FARM: Architecture for Distributed Agent-Based Social Simulations. Springer, Cham, 96–107. https://doi.org/10.1007/978-3-030-20937-7_7
- [10] Piotr Bojanowski, Edouard Grave, Armand Joulin, and Tomas Mikolov. 2016. Enriching Word Vectors with Subword Information. (jul 2016). [arXiv:1607.04606](https://arxiv.org/abs/1607.04606)
- [11] Hanan Borchani, Gherardo Varando, Concha Bielza, and Pedro Larrañaga. 2015. A survey on multi-output regression. *WIREs Data Mining Knowl Discov* 5 (2015), 216–233. <https://doi.org/10.1002/widm.1157>
- [12] Ethem F. Can, Hüseyin Oktay, and R. Manmatha. 2013. Predicting retweet count using visual cues. In *Proceedings of the 22nd ACM international conference on Conference on information & knowledge management - CIKM '13*. ACM Press, New York, New York, USA, 1481–1484. <https://doi.org/10.1145/2505515.2507824>
- [13] Joseph D O'Brien, Ioannis K Dassios, and James P Gleeson. 2019. Spreading of memes on multiplex networks. *New Journal of Physics* 21, 2 (2019), 025001.
- [14] Palash Goyal and Emilio Ferrara. 2018. Graph embedding techniques, applications, and performance: A survey. *Knowledge-Based Systems* (2018). <https://doi.org/10.1016/j.knsys.2018.03.022> [arXiv:1705.02801](https://arxiv.org/abs/1705.02801)
- [15] Anna-Katharina Jung, Milad Mirbabaie, Björn Ross, Stefan Stieglitz, Christoph Neuberger, and Sanja Kapidžic. 2018. Information Diffusion between Twitter and Online Media. (2018).
- [16] Seyed Mehran Kazemi and David Poole. 2018. Simple embedding for link prediction in knowledge graphs. In *Advances in Neural Information Processing Systems*, Vol. 2018–December. Neural information processing systems foundation, 4284–4295. [arXiv:1802.04868](https://arxiv.org/abs/1802.04868)
- [17] Jon Kleinberg. 2003. Bursty and hierarchical structure in streams. *Data Mining and Knowledge Discovery* 7, 4 (2003), 373–397.
- [18] Haris Krijestorac, Rajiv Garg, and Vijay Mahajan. 2019. Cross-Platform Spillover Effects in Consumption of Viral Content: A Quasi-Experimental Analysis Using Synthetic Controls. *Available at SSRN 3011533* (2019).
- [19] L. L. Linyuan and Tao Zhou. 2011. Link prediction in complex networks: A survey. (mar 2011), 1150–1170 pages. <https://doi.org/10.1016/j.physa.2010.11.027> [arXiv:1010.0725](https://arxiv.org/abs/1010.0725)
- [20] F. Mordelet and J.-P. Vert. 2014. A bagging SVM to learn from positive and unlabeled examples. *Pattern Recognition Letters* 37 (feb 2014), 201–209. <https://doi.org/10.1016/J.PATREC.2013.06.010>
- [21] Timo Similä and Jarkko Tikka. 2007. Input selection and shrinkage in multiresponse linear regression. *Computational Statistics & Data Analysis* 52 (2007), 406–422.
- [22] Jian Tang, Meng Qu, Mingzhe Wang, Ming Zhang, Jun Yan, and Qiaozhu Mei. 2015. LINE: Large-scale information network embedding. In *WWW 2015 - Proceedings of the 24th International Conference on World Wide Web*. Association for Computing Machinery, Inc, 1067–1077. <https://doi.org/10.1145/2736277.2741093> [arXiv:1503.03578](https://arxiv.org/abs/1503.03578)
- [23] Peng Wang, BaoWen Xu, YuRong Wu, and XiaoYu Zhou. 2015. Link prediction in social networks: the state-of-the-art. *Science China Information Sciences* 58, 1 (01 Jan 2015), 1–38. <https://doi.org/10.1007/s11432-014-5237-y>
- [24] Tauhid R Zaman, Ralf Herbrich, Jurgen Van Gael, and David Stern. 2010. Predicting information spreading in twitter. In *Workshop on computational social science and the wisdom of crowds, nips*, Vol. 104. Citeseer, 17599–601.
- [25] Qi Zhang, Yeyun Gong, Jindou Wu, Haoran Huang, and Xuanjing Huang. 2016. Retweet Prediction with Attention-based Deep Neural Network. In *Proceedings of the 25th ACM International on Conference on Information and Knowledge Management - CIKM '16*. ACM Press, New York, New York, USA, 75–84. <https://doi.org/10.1145/2983323.2983809>