











- 114: 24-31.  
<https://doi.org/10.1016/j.isprsjprs.2016.01.011>
- [19] Dietterich, T.G. (2000, June). Ensemble methods in machine learning. In *International Workshop on Multiple Classifier Systems*, pp. 1-15. [https://doi.org/10.1007/3-540-45014-9\\_1](https://doi.org/10.1007/3-540-45014-9_1)
- [20] Alfaro, E., Gamez, M., Garcia, N. (2013). Adabag: An R package for classification with boosting and bagging. *Journal of Statistical Software*, 54(2): 1-35. <https://doi.org/10.18637/jss.v054.i02>
- [21] Bhargava, N., Sharma, G., Bhargava, R., Mathuria, M. (2013). Decision tree analysis on j48 algorithm for data mining. *Proceedings of International Journal of Advanced Research in Computer Science and Software Engineering*, 3(6): 1114-1119.
- [22] Baell, J.B., Holloway, G.A. (2010). New substructure filters for removal of pan assay interference compounds (PAINS) from screening libraries and for their exclusion in bioassays. *Journal of Medicinal Chemistry*, 53(7): 2719-2740. <https://doi.org/10.1021/jm901137j>
- [23] Uci machine learning repository, Pubchem bioassay data URL <https://archive.ics.uci.edu/ml/datasets/PubChemBioassayData>, accessed on 17 November 2019.
- [24] Jeni, L.A., Cohn, J.F., De La Torre, F. (2013). Facing imbalanced data--recommendations for the use of performance metrics. In *2013 Humaine Association Conference on Affective Computing and Intelligent Interaction*, pp. 245-251. <https://doi.org/10.1109/ACII.2013.47>