

Propositions

accompanying the thesis

DISSIMILARITY-BASED MULTIPLE INSTANCE LEARNING

by

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1. The current terminology does not faithfully reflect the varieties of multiple instance learning and related learning scenarios (Chapter 2).
2. In multiple instance learning, the direction of asymmetry in the dissimilarities of an object is informative about its label (Chapter 3).
3. Instance labels provided by multiple instance classifiers should be used with caution (Chapter 5).
4. An extra row provides more insight than an extra column in a table with performances of different classifiers (columns) for different datasets (rows).
5. Graduate school should be a resource, not a requirement.
6. Introducing an index for reviewers as a counterpart of the h-index for authors would lead to more, better and timelier reviews.
7. The availability of medical information on the internet is a health threat.
8. Equal numbers of men and women in science and technology are impossible without equal numbers of boys and girls throughout children's toy advertisements (Bart Smit cadeauboek 2013)
9. Learning a language is more effective when presented with labeled sentences than with labeled words.
10. Lack of curiosity killed the cat.

These propositions are regarded as opposable and defensible, and have been approved as such by the supervisors prof. dr. ir. M. J. T. Reinders and prof. dr. M. Loog.