

Meta-Reviews For Paper

Paper ID 137

Title Learning Hierarchically Decomposable Concepts with Active Over-labeling

Masked Meta-Reviewer ID: Meta_Reviewer_1

Meta-Reviews:

Question	
Overall Rating	Reject
Detailed Comments	In this paper, the authors introduce the concept of active overlabeling, in which the learning algorithm strategically queries data points not only for the target label but for labels at a finer granularity in a class hierarchy so as to improve overall classification accuracy. The ideas here are novel and potentially quite valuable. However, the work needs to address quite a few points before being published. First, the proofs are a bit weak and can be made stronger. Second, the method needs comparison with ensemble and child labeling approaches. Third, the approach needs a more detailed description and contextualizing of its appropriateness and limitations.