



Seminar/Talk

Learning beyond Label Annotations

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Can we incorporate annotation disagreements of the crowdsourced data collection process? Can we make use of discarded features from filter/wrapper feature selection methods? Can we build an image classifier that can incorporate knowledge from video data? Can we unify all the previous questions in a single joint learning framework? Yes, we can, the framework is called a Learning using Privileged Information (LUPI). LUPI provides a mechanism to incorporate additional information that is only available at training time, annotation disagreements--discarded features--video dataset, into the learning process of a classifier. In this talk, I will summarize our contributions to LUPI paradigm including a Bayesian and non-Bayesian perspective of the LUPI and its variety of applications in computer vision and feature selection.

Thursday, January 25, 2018 10:00am - 11:00am

Mondi Seminar Room 3, Central Building



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