Aggregating Labels in Crowdsourcing Data

CERN Openlab Summer Students Lightning Talks Sessions

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Crowdsourcing

› Many workers
› Easy tasks
› Multiple answers
› Little or no prior knowledge

› Aggregate answers
Advantages of Crowdsourcing

› Costs less
› Faster
› Educate the worker
Research in Crowdsourcing

› Hybrid systems
› Task scheduling
› Learning algorithms
› Aggregation
Our implementation

Dawid-Skene model (EM)
Future (and current) work

▶ Aggregation of other types of labels
▶ Sociological aggregation
▶ Educating the crowdworker
The Webfest

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