

Image Sementation using Conditional Random Fields

[CSE 471] Statistical Methods in AI

Santosh K, Sudheer T, Srikanth

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Abstract

1 Problem statement

Given a image containing object(s), the task is to segment each object and label. In this project, we plan to replicate the work done in [1].

2 Markov random fields

2.1 Conditional random fields

3 Project plan and milestones

1. Spe 24, 2016: Implement the pipeline as described in

References

- [1] Nils Plath, Marc Toussaint, and Shinichi Nakajima. Multi-class image segmentation using conditional random fields and global classification. In *Proceedings of the 26th Annual International Conference on Machine Learning*, ICML '09, pages 817–824, New York, NY, USA, 2009. ACM.