

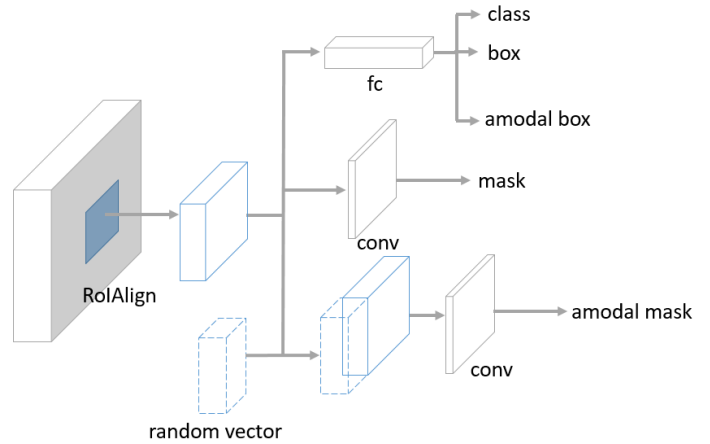
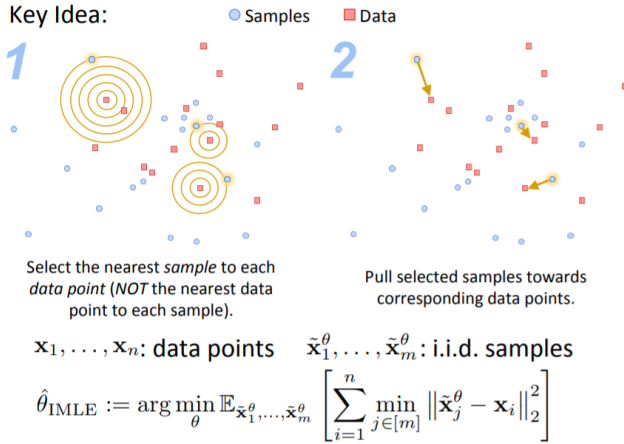
Topic: Amodal Instance Segmentation via Conditional Implicit Maximum Likelihood Estimation

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Method:

Key Idea:



(a) Illustration of Implicit Maximum Likelihood Estimation³

(b) Illustration of Amodal Mask R-CNN

Demo:



(a) Annotation



(b) Amodal annotation¹

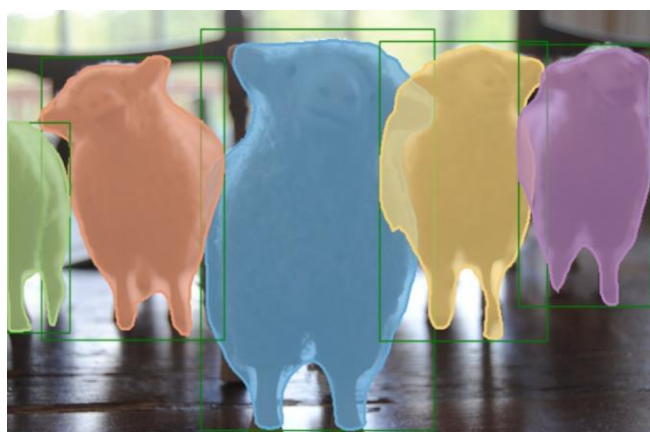
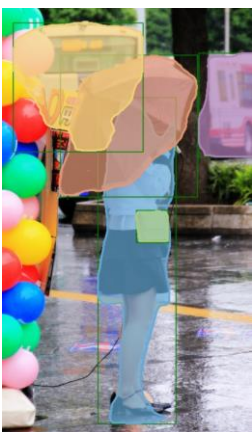


(c) Mask R-CNN²



(d) Amodal Mask R-CNN

Future Direction: More realistic and Bigger dataset



Status: Detached

Reference:

- [1] Yan Zhu, Yuandong Tian, Dimitris Mexatas, and Piotr Dollár. Semantic Amodal Segmentation. CVPR, 2017.
- [2] Kaiming He, Georgia Gkioxari, Piotr Dollár, and Ross Girshick. Mask R-CNN. ICCV, 2017.
- [3] Ke Li and Jitendra Malik. Implicit Maximum Likelihood Estimation. arXiv:1809.09087, 2018.