
Towards Holistic Scene Understanding: Feedback Enabled Cascaded Classification Models Supplementary Material

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Figure 1: (a) Image from the dataset; (b) Ground truth; (c) Result obtained using CCM; (d) Result obtained using the proposed FE-CCM. (Best viewed in color)

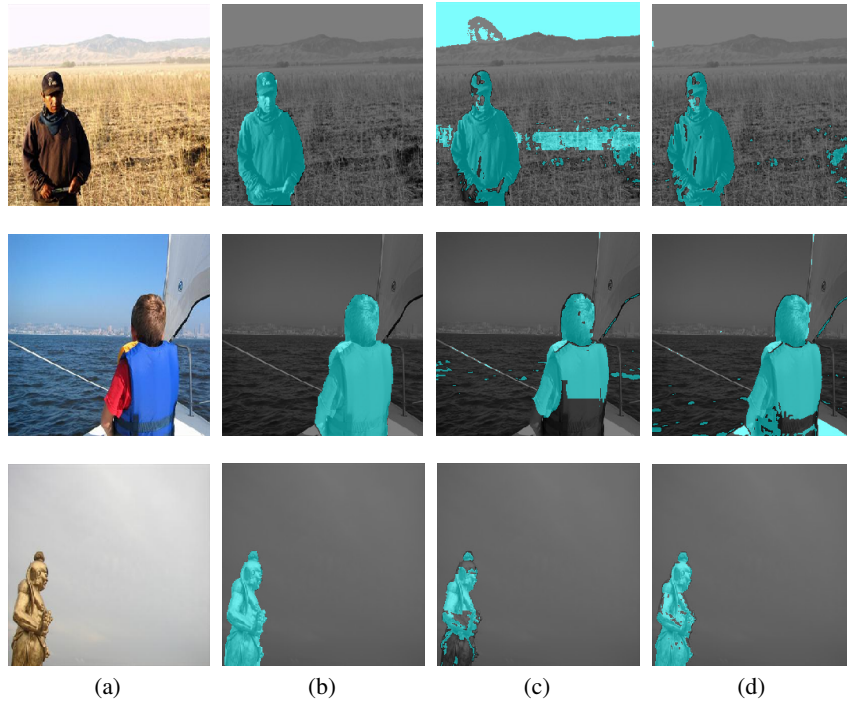


Figure 2: (a) Image from the dataset; (b) Ground truth; (c) Result obtained using CCM; (d) Result obtained using the proposed FE-CCM. (Best viewed in color)

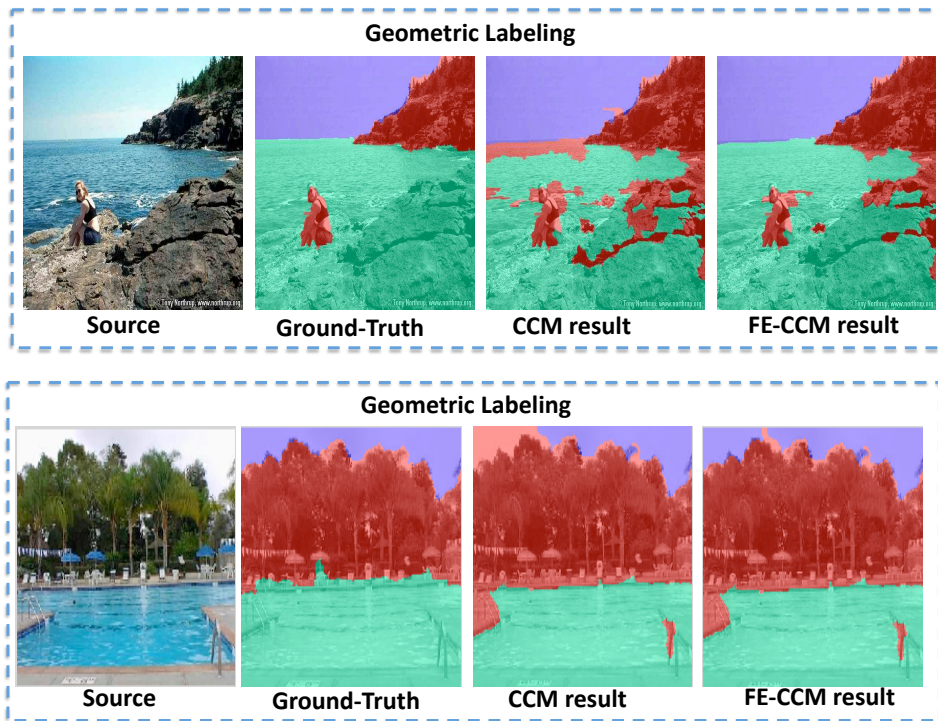


Figure 3: (a) Image from the dataset; (b) Ground truth; (c) Result obtained using CCM; (d) Result obtained using the proposed FE-CCM. (Best viewed in color). Geometric labeling: Green = Support, Blue = Sky, and Red = Vertical class.

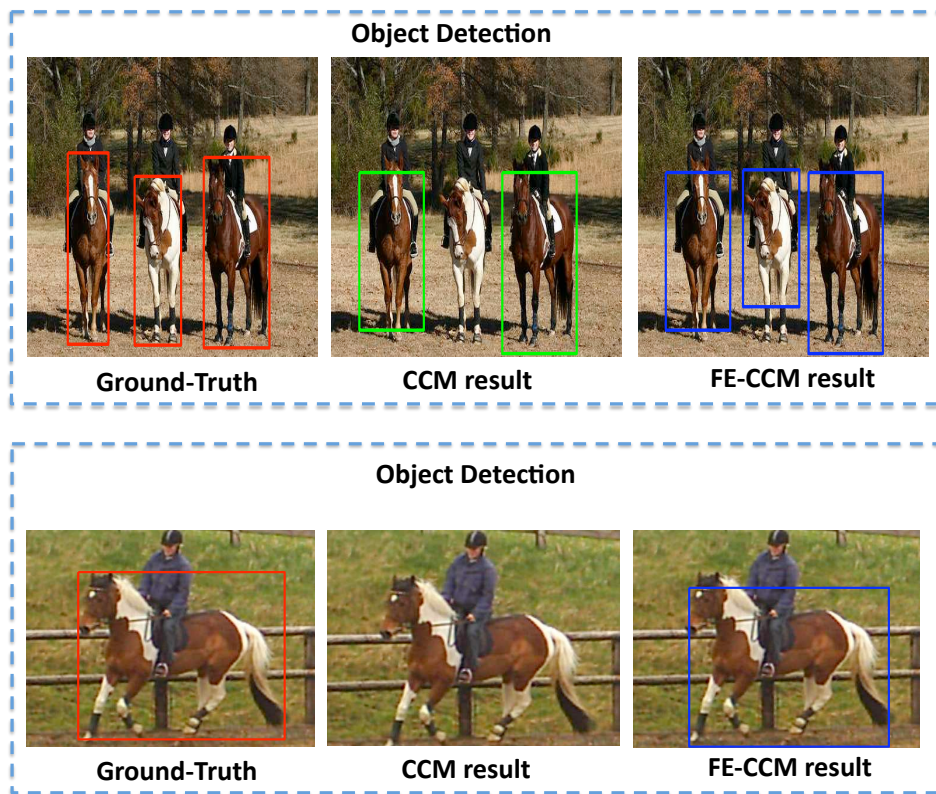


Figure 4: Object detection results for category: horse

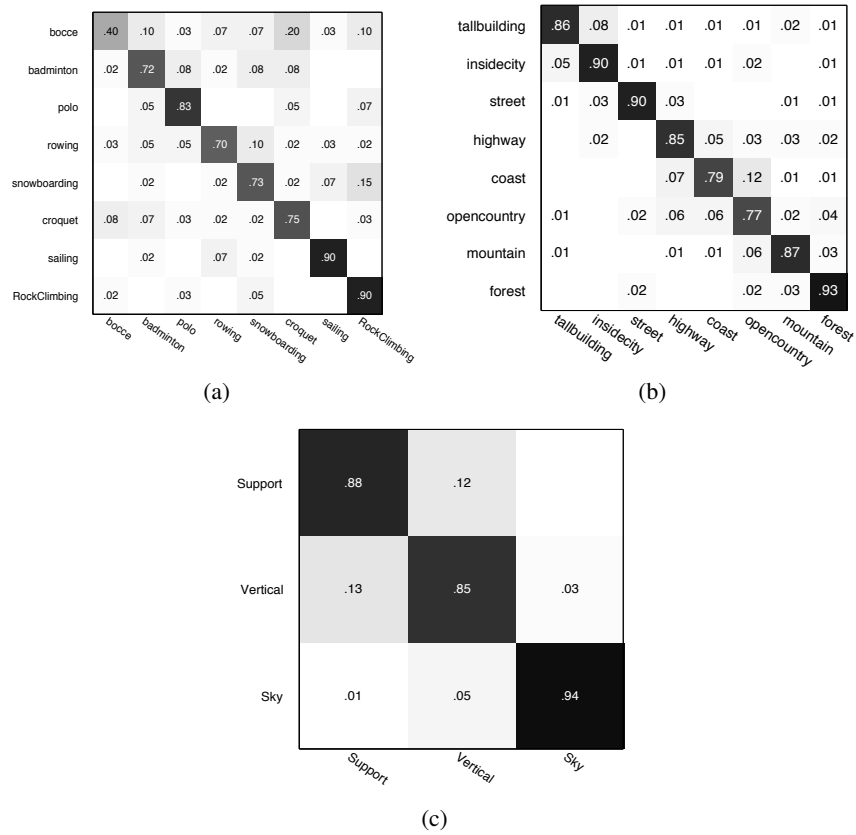


Figure 5: Confusion matrix for (a) Event categorization; (b) Scene categorization; (c) Geometric labeling. All the results are gained with the proposed FE-CCM method. The average accuracy achieved by the proposed FE-CCM model outperforms the state-of-the-art methods for each of these tasks (as metioned in the paper).