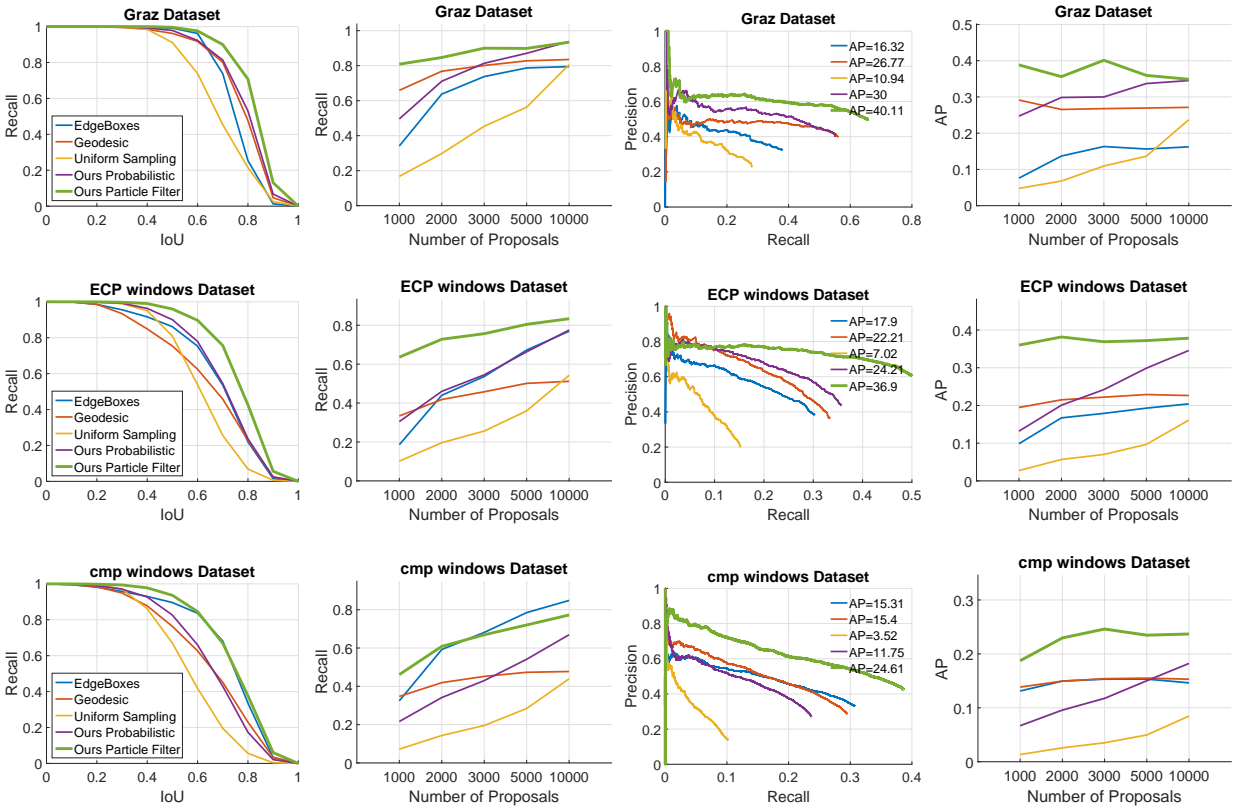


# Large Scale Asset Extraction for Urban Images

## 1 Results on Separate Datasets

We show comparative precision and recall results between Geodesic [1], Edge Boxes [2], uniform sampling, ours probabilistic, and ours adaptive as described in the paper. Figure 1 shows separate evaluations on the six datasets displayed from top to bottom: Graz, ECP, CMP, eTrims, London, and Strasbourg. Each row shows the result of one dataset and we show the following four results per row from left to right: (1) recall as IoU varies for 3000 proposals, (2) recall as the number of proposals varies for 0.7 IoU, (3) the precision-recall curve at 0.7 IoU and 3000 proposals, and (4) the average precision as number of proposals varies for 0.7 IoU. We can observe that our method has superior performance on all datasets except for eTrims. eTrims is a small data set in which the windows are a good match for the heuristic used by Edge Boxes.



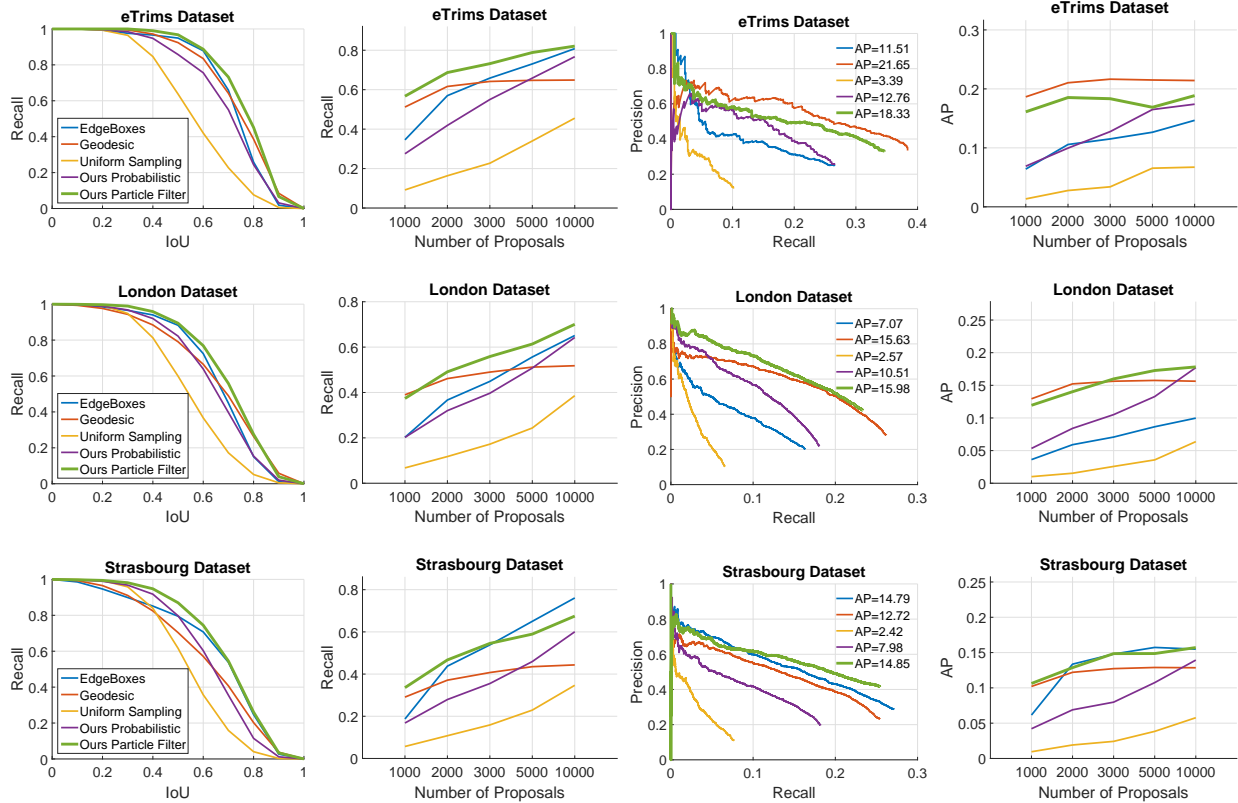


Figure 1: Results on separate datasets

## References

- [1] P. Krähenbühl and V. Koltun. Geodesic object proposals. In *Computer Vision–ECCV 2014*, pages 725–739. Springer, 2014.
- [2] C. L. Zitnick and P. Dollár. Edge boxes: Locating object proposals from edges. In *Computer Vision–ECCV 2014*, pages 391–405. Springer, 2014.