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FloorNet: A Unified Framework for Floorplan Reconstruction from 3D Scans

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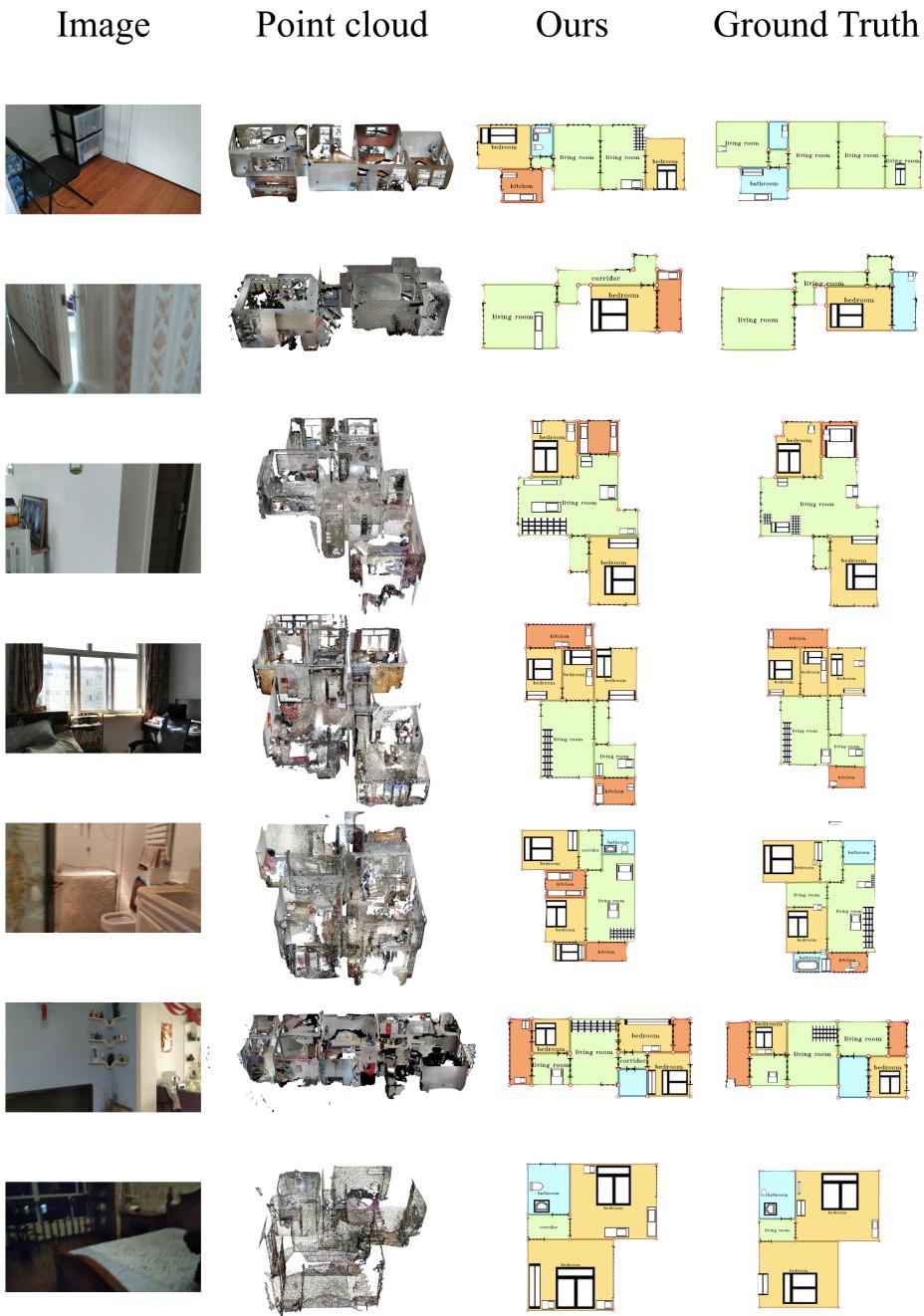
Paper ID 2518

We include errata to make two corrections to the main paper.

- By following the PointNet architecture for the semantic segmentation task in the original paper, the input vector for each 3D point contains RGB values.
- The Floorplan branch also carries the color information. Each cell of the input point-density image contains the average RGB values of the 3D points.

The following figures show more floorplan reconstruction results.

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Image



Point cloud



Ours



Ground Truth

