- Create a second helper volume that provides neighborhood information
  - Each voxel of the helper volume encodes the minimum distance to the nearest inhabited voxel
  - Use, for example, transfer function to encode which voxels participate in the neighborhood
- During ray marching, sample the helper volume to modify the step length

Image-Order Empty Space Skipping / Adaptive Sampling

0	0	0	0	0	0	0	0	0
0	0	0	1	1	1	1	1	0
0	0	0	1	1	0	0	0	1
0	0	0	0	0	0	0	0	1
0	0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	1	0

Data Volume

NYU

IMAGE-ORDER EMPTY SPACE SKIPPING / ADAPTIVE SAMPLING

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