

Confusion Matrix

ground truth

Low Veg. (0) 806,207 / 12.3%	92.9%	1.0% 7,874	0.0% 303	0.7% 5,912	0.0% 113	0.2% 1,634	3.1% 24,657	0.4% 3,039	1.6% 13,015	0.1% 569	0.0% 0	0.0% 0	92.9%
Imp. Surface (1) 648,029 / 9.9%	9.3% 60,177	76.4%	0.3% 2,236	1.8% 11,656	1.2% 7,969	1.2% 7,714	0.2% 1,520	0.0% 57	9.0% 58,033	0.6% 3,734	0.0% 0	0.0% 0	76.4%
Vehicle (2) 37,005 / 0.6%	0.7% 252	1.9% 701	50.1% 18,525	33.2% 12,281	4.9% 1,813	4.5% 1,670	4.6% 1,706	0.1% 31	0.0% 1	0.1% 25	0.0% 0	0.0% 0	50.1% 18,525
Urban Furn. (3) 198,365 / 3.0%	4.7% 9,275	1.7% 3,458	2.6% 5,175	52.8%	2.1% 4,240	8.7% 17,312	18.1% 35,854	3.7% 7,301	0.1% 149	5.3% 10,603	0.1% 219	0.0% 0	52.8%
Roof (4) 484,335 / 7.4%	0.9% 4,348	2.2% 10,847	0.1% 602	2.6% 12,389	90.1%	2.3% 11,171	0.5% 2,237	0.5% 2,369	0.0% 0	0.1% 570	0.7% 3,417	0.0% 0	90.1%
Facade (5) 302,820 / 4.6%	0.7% 1,984	1.2% 3,484	0.0% 130	5.5% 16,595	3.5% 10,511	81.5%	1.7% 5,145	1.0% 3,066	0.0% 48	4.6% 14,017	0.3% 932	0.0% 0	81.5%
Shrub (6) 127,469 / 1.9%	5.2% 6,687	0.1% 78	0.0% 0	3.8% 4,864	0.1% 120	1.1% 1,348	79.5%	8.9% 11,297	0.0% 41	1.3% 1,652	0.0% 1	0.0% 0	79.5%
Tree (7) 849,176 / 12.9%	0.1% 1,090	0.0% 14	0.0% 70	0.3% 2,759	0.1% 520	0.1% 1,067	2.4% 20,258	96.9%	0.0% 32	0.1% 633	0.0% 44	0.0% 0	96.9%
Soil / Gravel (8) 134,394 / 2.0%	46.1% 62,018	8.1% 10,932	0.2% 278	1.4% 1,885	0.1% 104	0.3% 359	2.1% 2,816	0.0% 0	41.3% 55,484	0.4% 518	0.0% 0	0.0% 0	41.3% 55,484
Vertical (9) 83,532 / 1.3%	1.7% 1,447	1.3% 1,067	0.0% 20	6.6% 5,522	0.4% 354	5.4% 4,502	1.4% 1,191	0.1% 44	0.0% 21	83.0% 69,364	0.0% 0	0.0% 0	83.0% 69,364
Chimney (10) 6,604 / 0.1%	0.0% 0	0.0% 1	0.0% 0	4.7% 313	5.4% 354	0.0% 1	0.0% 0	0.0% 0	0.0% 0	0.0% 0	89.9% 5,935	0.0% 0	89.9% 5,935
Ignore* (11) 2,888,704 / 44.0%	8.6% 66,474	3.5% 28,988	0.5% 15,386	4.9% 39,888	15.6% 12,474	23.4% 18,744	2.3% 1,874	28.9% 23,144	9.1% 7,288	3.1% 2,512	0.1% 88	0.0% 0	0.0% 0
precision	83.6%	92.8%	67.8% 18,525	58.6%	94.4%	84.1%	51.5%	96.8%	43.7% 55,484	68.2% 69,364	56.3% 5,935	nan% 0	84.4%
F1 $\mu=73.3\%$	88.0%	83.8%	57.6%	55.5%	92.2%	82.8%	62.5%	96.8%	42.5%	74.9%	69.2%	nan%	

prediction