

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	88.9%	5.7% 52,025	0.1% 618	1.0% 9,257	0.1% 880	0.1% 1,185	3.3% 30,389	0.1% 1,156	0.1% 713	0.5% 4,936	0.0% 0	0.0% 0	88.9%
Imp. Surface (1) 833,163 / 10.3%	11.3% 94,107	80.8%	0.4% 3,563	4.2% 35,005	0.6% 4,860	0.6% 5,087	0.7% 5,647	0.2% 1,450	0.1% 536	1.2% 10,006	0.0% 0	0.0% 0	80.8%
Vehicle (2) 96,807 / 1.2%	2.2% 2,145	21.1% 20,390	21.4% 20,733	35.1% 33,982	5.0% 4,866	5.0% 4,803	9.0% 8,739	0.1% 70	0.0% 0	0.7% 649	0.4% 430	0.0% 0	21.4% 20,733
Urban Furn. (3) 269,121 / 3.3%	3.5% 9,339	4.1% 11,108	2.5% 6,804	49.4% 47,918	2.3% 6,276	5.3% 14,198	22.6% 60,723	7.9% 21,180	0.0% 3	2.4% 6,466	0.1% 171	0.0% 0	49.4%
Roof (4) 877,490 / 10.8%	1.7% 14,670	5.0% 43,685	0.5% 4,308	3.3% 28,724	83.2% 756,425	1.6% 13,936	1.9% 16,558	2.3% 20,213	0.1% 749	0.0% 414	0.4% 3,847	0.0% 0	83.2%
Facade (5) 500,492 / 6.2%	1.4% 7,182	0.8% 4,229	0.1% 255	9.6% 47,918	1.2% 6,151	74.5% 72,374	5.5% 27,374	1.8% 8,996	0.0% 52	5.0% 25,127	0.0% 148	0.0% 0	74.5%
Shrub (6) 182,133 / 2.2%	3.0% 5,536	0.6% 1,004	0.0% 7	5.1% 9,237	0.3% 565	0.6% 1,147	76.6% 70,736	11.4% 20,736	0.0% 0	2.4% 4,378	0.0% 0	0.0% 0	76.6%
Tree (7) 1,067,121 / 13.2%	0.8% 8,922	0.0% 54	0.0% 0	0.1% 1,503	0.2% 2,042	0.0% 301	14.4% 13,428	83.9% 77,672	0.0% 0	0.5% 5,540	0.0% 50	0.0% 0	83.9%
Soil / Gravel (8) 131,349 / 1.6%	72.6% 95,345	24.7% 32,440	0.0% 0	0.3% 382	0.0% 0	0.0% 2	0.6% 782	0.0% 30	1.7% 2,258	0.1% 110	0.0% 0	0.0% 0	1.7% 2,258
Vertical (9) 103,575 / 1.3%	2.9% 3,016	5.3% 5,443	0.3% 336	11.6% 12,053	0.1% 77	21.6% 22,358	3.8% 3,899	1.5% 1,578	0.0% 0	52.9% 54,815	0.0% 0	0.0% 0	52.9% 54,815
Chimney (10) 8,971 / 0.1%	0.2% 14	0.1% 7	0.1% 7	5.6% 499	3.6% 322	4.0% 361	2.1% 185	0.3% 23	0.1% 9	0.0% 0	84.1% 7,544	0.0% 0	84.1% 7,544
Ignore* (11) 3,126,819 / 38.6%	21.0% 56,545	1.8% 5,545	0.2% 5,410	3.9% 3,911	2.8% 87,810	9.0% 9,000	19.3% 19,300	38.2% 38,200	0.4% 11,714	3.4% 3,400	0.1% 2,182	0.0% 0	0.0% 0
precision	77.1%	79.8%	42.7%	96.6%	85.5%	31.2%	92.2%	52.3%	48.8%	61.9%	nan%	77.1%	
F1 $\mu=60.6\%$	82.6%	80.3%	31.1%	45.8%	89.4%	79.6%	44.3%	87.8%	3.3%	50.8%	71.3%	nan%	

prediction