

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	76.2%	12.4%	0.2% 1,567	1.6% 14,882	0.2% 1,609	0.4% 3,834	2.2% 20,072	0.1% 1,128	6.3% 57,219	0.4% 3,906	0.0% 0	0.0% 0	76.2%
Imp. Surface (1) 833,163 / 10.3%	29.9%	62.6%	0.6% 5,093	2.3% 18,870	0.7% 6,174	1.2% 9,680	0.5% 3,938	0.5% 3,997	0.6% 4,629	1.2% 9,750	0.0% 6	0.0% 0	62.6%
Vehicle (2) 96,807 / 1.2%	7.7% 7,467	14.1% 13,669	26.1% 25,244	12.9% 12,443	1.5% 1,452	1.0% 958	11.3% 10,903	23.6% 22,850	0.2% 235	1.6% 1,586	0.0% 0	0.0% 0	26.1% 25,244
Urban Furn. (3) 269,121 / 3.3%	4.8% 12,815	2.5% 6,807	2.4% 6,485	40.9% 10,131	3.8% 10,131	7.1% 19,144	13.2% 35,577	19.8% 53,178	0.1% 249	5.4% 14,661	0.0% 132	0.0% 0	40.9%
Roof (4) 877,490 / 10.8%	4.8% 42,251	1.1% 9,230	0.0% 126	0.3% 2,609	89.7% 16,907	1.9% 2,776	0.3% 11,732	1.3% 462	0.1% 2,026	0.2% 2,369	0.3% 0	0.0% 0	89.7%
Facade (5) 500,492 / 6.2%	1.1% 5,352	1.6% 7,763	0.2% 766	4.0% 19,822	2.2% 11,044	84.1% 5,406	1.7% 8,642	0.0% 19	4.2% 20,871	0.0% 130	0.0% 0	0.0% 0	84.1%
Shrub (6) 182,133 / 2.2%	1.8% 3,205	1.1% 2,026	2.9% 5,326	14.3% 26,007	2.2% 4,023	3.0% 5,509	39.5% 71,939	30.2% 55,004	0.0% 42	5.0% 9,040	0.0% 12	0.0% 0	39.5% 71,939
Tree (7) 1,067,121 / 13.2%	0.8% 8,534	0.0% 77	0.4% 4,147	0.7% 7,225	0.9% 9,194	0.6% 6,524	3.2% 34,441	93.2% 290	0.0% 1,551	0.1% 174	0.0% 0	0.0% 0	93.2%
Soil / Gravel (8) 131,349 / 1.6%	72.4% 95,052	23.7% 31,070	0.1% 83	0.5% 649	0.0% 11	0.1% 183	1.1% 1,457	0.0% 6	2.1% 2,822	0.0% 16	0.0% 0	0.0% 0	2.1% 2,822
Vertical (9) 103,575 / 1.3%	4.2% 4,342	3.0% 3,137	0.7% 772	2.7% 2,771	0.3% 275	5.2% 5,403	1.7% 1,753	3.7% 3,820	0.1% 140	78.4% 81,157	0.0% 5	0.0% 0	78.4% 81,157
Chimney (10) 8,971 / 0.1%	0.1% 6	0.0% 0	0.2% 21	1.4% 126	5.7% 507	0.5% 46	0.1% 11	6.5% 579	0.0% 3	0.0% 0	85.5% 7,672	0.0% 0	85.5% 7,672
Ignore* (11) 3,126,819 / 38.6%	18.4% 61,743	2.0% 15,961	0.5% 15,961	2.7% 84,902	4.5% 84,902	11.6% 84,902	8.4% 84,902	47.8% 84,902	0.3% 9,189	3.8% 1,535	0.0% 1,535	0.0% 0	0.0% 0
precision	61.8%	73.7%	50.9% 25,244	51.1%	94.7%	86.1%	38.2% 71,939	86.1%	4.3% 2,822	56.1% 81,157	73.1% 7,672	nan% 0	74.6%
F1 $\mu=60.8\%$	68.2%	67.7%	34.5%	45.4%	92.1%	85.0%	38.8%	89.5%	2.9%	65.4%	78.8%	nan%	

prediction