

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	77.0%	15.1%	0.0% 356	1.5% 13,379	0.8% 7,079	0.9% 7,891	2.0% 18,214	0.2% 1,951	2.0% 18,576	0.4% 4,092	0.0% 21	0.0% 0	77.0%
Imp. Surface (1) 833,163 / 10.3%	23.4%	67.0%	0.4% 3,693	2.0% 16,950	1.8% 14,929	2.3% 19,173	0.9% 7,555	0.3% 2,514	0.2% 1,670	1.7% 13,897	0.0% 2	0.0% 0	67.0%
Vehicle (2) 96,807 / 1.2%	10.1% 9,761	14.1% 13,605	20.2% 19,539	10.7% 10,315	4.0% 3,864	3.1% 2,972	16.3% 15,784	17.9% 17,289	0.1% 144	3.6% 3,533	0.0% 1	0.0% 0	20.2% 19,539
Urban Furn. (3) 269,121 / 3.3%	4.9% 13,145	1.7% 4,584	1.1% 3,077	36.9% 99,436	5.3% 14,129	13.2% 35,453	15.3% 41,133	17.0% 45,638	0.0% 52	4.5% 12,074	0.1% 400	0.0% 0	36.9% 99,436
Roof (4) 877,490 / 10.8%	2.6% 22,989	0.7% 5,922	0.0% 138	1.0% 9,178	91.6% 21,628	2.5% 2,114	0.2% 5,850	0.7% 144	0.0% 1,842	0.2% 4,331	0.5% 0	0.0% 0	91.6%
Facade (5) 500,492 / 6.2%	0.8% 3,972	0.7% 3,273	0.1% 383	3.0% 15,207	2.3% 11,692	88.2% 5,544	1.1% 3,757	0.8% 50	0.0% 14,829	3.0% 132	0.0% 0	0.0% 0	88.2%
Shrub (6) 182,133 / 2.2%	2.1% 3,862	1.5% 2,763	0.5% 1,001	14.5% 26,446	3.8% 6,837	4.9% 9,007	42.7% 77,696	23.9% 43,448	0.0% 10	6.1% 11,041	0.0% 22	0.0% 0	42.7% 77,696
Tree (7) 1,067,121 / 13.2%	0.6% 6,737	0.0% 123	0.1% 1,007	0.5% 5,331	1.7% 17,682	1.0% 10,618	3.6% 38,048	92.4% 66	0.0% 1,116	0.1% 438	0.0% 0	0.0% 0	92.4%
Soil / Gravel (8) 131,349 / 1.6%	60.5% 79,478	36.7% 48,216	0.0% 1	1.1% 1,413	0.1% 178	0.4% 503	0.7% 979	0.0% 5	0.4% 562	0.0% 14	0.0% 0	0.0% 0	0.4% 562
Vertical (9) 103,575 / 1.3%	3.3% 3,367	3.9% 3,997	0.4% 440	1.0% 1,082	1.2% 1,252	15.0% 15,525	1.4% 1,414	2.6% 2,649	0.1% 71	71.1% 73,665	0.1% 113	0.0% 0	71.1% 73,665
Chimney (10) 8,971 / 0.1%	0.0% 2	0.0% 0	0.0% 0	1.1% 103	2.5% 227	0.1% 6	0.4% 38	0.5% 43	0.0% 0	0.0% 0	95.3% 8,552	0.0% 0	95.3% 8,552
Ignore* (11) 3,126,819 / 38.6%	18.5% 77,494	2.5% 10,833	0.3% 84,864	2.7% 84,864	5.6% 227	13.8% 6	9.2% 38	43.0% 43	0.1% 2,710	4.1% 3,032	0.1% 3,032	0.0% 0	0.0% 0
precision	67.5%	71.7%	65.9% 19,539	50.0% 99,436	91.2%	78.2%	37.3% 77,696	88.9%	2.6% 562	54.1% 73,665	61.0% 8,552	nan% 0	75.7%
F1 $\mu=59.6\%$	71.9%	69.3%	30.9%	42.5%	91.4%	82.9%	39.8%	90.6%	0.7%	61.5%	74.4%	nan%	

prediction