

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	78.5%	11.4%	0.0% 409	2.6% 23,981	0.8% 7,029	0.6% 5,384	1.8% 16,385	0.5% 4,656	3.3% 29,762	0.5% 4,181	0.0% 14	0.0% 0	78.5%
Imp. Surface (1) 833,163 / 10.3%	23.0%	67.0%	1.2% 9,743	3.1% 25,466	0.5% 4,324	1.4% 11,622	0.6% 4,904	0.5% 4,491	1.2% 10,379	1.4% 12,002	0.0% 0	0.0% 0	67.0%
Vehicle (2) 96,807 / 1.2%	6.4% 6,191	13.3% 12,864	30.5% 29,521	11.8% 11,451	2.1% 2,066	2.4% 2,323	6.3% 6,131	26.0% 25,134	0.4% 365	0.8% 743	0.0% 18	0.0% 0	30.5% 29,521
Urban Furn. (3) 269,121 / 3.3%	4.4% 11,972	2.0% 5,385	4.6% 12,419	43.9% 43,939	5.2% 13,939	8.1% 21,679	9.1% 24,598	17.0% 45,872	0.6% 1,529	5.0% 13,533	0.0% 123	0.0% 0	43.9%
Roof (4) 877,490 / 10.8%	3.3% 28,935	0.6% 5,036	0.0% 115	0.8% 7,412	90.4% 90,439	1.7% 15,028	0.2% 1,549	1.8% 15,647	0.8% 6,897	0.1% 1,031	0.3% 2,205	0.0% 0	90.4%
Facade (5) 500,492 / 6.2%	1.1% 5,333	0.8% 3,866	0.2% 929	3.2% 16,139	2.9% 14,344	85.7% 85,738	1.3% 6,694	1.6% 7,809	0.0% 168	3.2% 16,045	0.0% 250	0.0% 0	85.7%
Shrub (6) 182,133 / 2.2%	1.8% 3,198	1.2% 2,168	2.0% 3,684	12.6% 22,990	1.8% 3,353	3.3% 5,921	40.0% 72,864	30.5% 55,638	0.0% 22	6.7% 12,283	0.0% 12	0.0% 0	40.0% 72,864
Tree (7) 1,067,121 / 13.2%	0.6% 6,515	0.0% 136	0.2% 1,956	0.9% 9,695	0.6% 6,342	0.4% 4,305	2.9% 30,460	94.4% 94,439	0.0% 397	0.0% 185	0.0% 182	0.0% 0	94.4%
Soil / Gravel (8) 131,349 / 1.6%	73.6% 96,616	23.5% 30,854	0.0% 5	1.0% 1,079	0.4% 483	0.3% 366	0.5% 650	0.0% 35	0.7% 897	0.0% 64	0.0% 0	0.0% 0	0.7% 897
Vertical (9) 103,575 / 1.3%	2.2% 2,229	4.1% 4,203	2.1% 2,170	2.3% 2,332	1.2% 1,197	4.5% 4,646	0.1% 148	4.3% 4,473	0.5% 474	78.9% 81,690	0.0% 13	0.0% 0	78.9% 81,690
Chimney (10) 8,971 / 0.1%	0.1% 5	0.0% 0	0.0% 4	0.6% 56	10.0% 896	0.4% 33	0.3% 29	4.4% 399	0.0% 0	0.0% 0	84.1% 7,549	0.0% 0	84.1% 7,549
Ignore* (11) 3,126,819 / 38.6%	14.0% 71,028	2.3% 71,028	0.8% 25,869	4.0% 25,869	5.5% 25,869	12.0% 25,869	4.4% 25,869	53.1% 25,869	1.3% 42,085	2.5% 77,508	0.1% 1,577	0.0% 0	0.0% 0
precision	66.9%	76.8%	48.4% 29,521	49.4%	93.6%	85.7%	44.3% 72,864	86.0%	1.8% 897	57.6% 81,690	72.8% 7,549	nan% 0	76.6%
F1 $\mu=62.1\%$	72.3%	71.6%	37.4%	46.5%	92.0%	85.7%	42.1%	90.0%	1.0%	66.6%	78.1%	nan%	

prediction