

Confusion Matrix

ground truth

Low Veg. (0) 910,600 / 11.2%	86.9%	4.8% 43,934	0.0% 143	1.1% 10,181	0.3% 2,734	0.4% 3,872	2.9% 26,857	0.1% 983	3.1% 27,977	0.3% 2,283	0.0% 0	0.0% 0	86.9%
Imp. Surface (1) 833,152 / 10.3%	4.5% 37,161	89.5%	0.3% 2,873	1.5% 12,155	1.8% 14,913	1.3% 10,462	0.3% 2,647	0.0% 336	0.2% 1,896	0.6% 5,327	0.0% 39	0.0% 0	89.5%
Vehicle (2) 96,805 / 1.2%	0.3% 304	6.7% 6,462	74.4% 72,014	9.7% 9,396	5.1% 4,917	2.3% 2,201	0.1% 106	1.3% 1,288	0.1% 107	0.0% 0	0.0% 10	0.0% 0	74.4% 72,014
Urban Furn. (3) 269,114 / 3.3%	1.6% 4,207	3.7% 10,022	1.3% 3,418	70.5% 6,928	2.6% 6,928	10.9% 29,350	4.6% 12,395	2.4% 6,376	0.0% 84	2.2% 5,989	0.2% 589	0.0% 0	70.5%
Roof (4) 877,491 / 10.8%	0.6% 5,143	6.3% 54,992	0.3% 2,842	1.1% 9,461	88.6% 8,461	1.9% 16,362	0.0% 319	0.0% 283	0.8% 7,248	0.1% 505	0.3% 2,976	0.0% 0	88.6%
Facade (5) 500,496 / 6.2%	0.2% 1,098	1.9% 9,262	0.1% 320	3.0% 15,256	3.3% 16,727	88.3% 8,461	0.5% 2,282	0.2% 1,144	0.0% 12	2.5% 12,315	0.0% 151	0.0% 0	88.3%
Shrub (6) 182,138 / 2.2%	2.4% 4,354	1.2% 2,207	0.0% 9	8.5% 15,451	0.2% 455	3.1% 5,688	70.5% 7,053	10.1% 18,371	0.1% 112	3.9% 7,023	0.0% 0	0.0% 0	70.5%
Tree (7) 1,067,117 / 13.2%	0.9% 9,871	0.0% 458	0.0% 463	1.3% 13,902	0.3% 3,187	0.7% 7,413	5.3% 56,540	91.0% 9,100	0.0% 434	0.3% 3,259	0.0% 49	0.0% 0	91.0%
Soil / Gravel (8) 131,351 / 1.6%	50.6% 66,467	18.3% 24,074	0.0% 0	0.7% 942	0.0% 0	0.1% 125	0.5% 663	0.0% 5	29.7% 39,075	0.0% 0	0.0% 0	0.0% 0	29.7% 39,075
Vertical (9) 103,576 / 1.3%	0.1% 150	4.3% 4,481	0.0% 22	6.3% 6,577	0.8% 834	12.6% 13,041	1.6% 1,634	0.1% 104	0.0% 4	74.1% 76,723	0.0% 6	0.0% 0	74.1% 76,723
Chimney (10) 8,972 / 0.1%	0.0% 0	0.0% 0	0.0% 0	5.8% 518	5.8% 521	2.0% 183	0.0% 0	0.0% 0	0.0% 0	86.4% 7,750	0.0% 0	0.0% 0	86.4% 7,750
Ignore* (11) 3,126,807 / 38.6%	11.0% 85,582	2.7% 34,737	1.1% 92,189	2.9% 92,189	3.0% 93,000	7.9% 79,000	1.7% 52,288	61.6% 61,600	6.6% 45,131	1.4% 1,235	0.0% 1,235	0.0% 0	0.0% 0
precision	86.0%	82.7% 72,014	66.9%	93.8%	83.3%	55.4%	97.1%	50.8% 39,075	67.6% 76,723	67.0% 7,750	nan% 0	85.2%	
F1 $\mu=76.2\%$	86.5%	85.9%	80.5%	68.7%	91.1%	85.7%	62.1%	94.0%	37.5%	70.7%	75.5%	nan%	

prediction