

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	66.1%	26.7%	0.0% 231	1.3% 11,837	0.4% 3,241	0.6% 5,745	1.5% 13,654	0.2% 2,031	2.3% 20,899	0.9% 8,560	0.0% 0	0.0% 0	66.1%
Imp. Surface (1) 833,163 / 10.3%	26.1%	64.5%	0.2% 1,737	2.1% 17,362	1.8% 14,625	1.7% 14,375	0.7% 5,682	0.4% 3,608	0.1% 1,104	2.4% 19,753	0.0% 0	0.0% 0	64.5%
Vehicle (2) 96,807 / 1.2%	10.0% 9,718	14.2% 13,794	19.3% 18,653	13.4% 12,970	3.6% 3,467	4.1% 4,006	16.7% 16,129	14.3% 13,833	0.4% 386	4.0% 3,849	0.0% 2	0.0% 0	19.3% 18,653
Urban Furn. (3) 269,121 / 3.3%	4.6% 12,500	2.0% 5,318	0.6% 1,591	34.4% 92,657	4.9% 13,083	13.7% 36,757	17.9% 48,060	16.1% 43,248	0.1% 169	5.6% 15,201	0.2% 537	0.0% 0	34.4% 92,657
Roof (4) 877,490 / 10.8%	1.4% 12,719	0.9% 7,893	0.0% 11	0.8% 6,933	92.5% 	2.7% 23,284	0.5% 4,035	0.7% 6,534	0.0% 14	0.2% 1,656	0.4% 3,158	0.0% 0	92.5%
Facade (5) 500,492 / 6.2%	0.7% 3,525	0.7% 3,734	0.0% 79	2.5% 12,264	2.5% 12,520	88.6% 	1.1% 5,466	0.8% 4,036	0.0% 243	3.0% 14,766	0.0% 186	0.0% 0	88.6%
Shrub (6) 182,133 / 2.2%	2.2% 4,020	1.1% 2,088	0.5% 897	12.2% 22,309	2.5% 4,605	5.2% 9,537	49.1% 89,447	21.9% 39,942	0.0% 3	5.1% 9,260	0.0% 25	0.0% 0	49.1% 89,447
Tree (7) 1,067,121 / 13.2%	0.6% 6,507	0.0% 63	0.0% 340	0.2% 2,348	1.3% 13,847	1.6% 16,736	3.9% 41,250	92.2% 	0.0% 57	0.1% 1,407	0.1% 729	0.0% 0	92.2%
Soil / Gravel (8) 131,349 / 1.6%	33.7% 44,216	62.4% 81,990	0.0% 0	0.4% 525	0.0% 23	0.3% 329	0.6% 773	0.1% 84	2.5% 3,281	0.1% 128	0.0% 0	0.0% 0	2.5% 3,281
Vertical (9) 103,575 / 1.3%	4.6% 4,769	1.5% 1,525	0.0% 26	0.7% 721	0.9% 922	31.2% 32,311	1.2% 1,252	3.2% 3,284	0.0% 51	56.6% 58,625	0.1% 89	0.0% 0	56.6% 58,625
Chimney (10) 8,971 / 0.1%	0.0% 0	0.0% 0	0.5% 41	2.8% 247	3.4% 306	0.9% 83	0.3% 29	0.2% 18	0.0% 0	0.0% 0	91.9% 8,247	0.0% 0	91.9% 8,247
Ignore* (11) 3,126,819 / 38.6%	18.8% 	2.1% 65,555	0.2% 7,163	2.2% 67,333	5.1% 	13.9% 	8.6% 	44.5% 	0.1% 2,599	4.5% 	0.1% 2,506	0.0% 0	0.0% 0
precision	65.6%	60.0%	79.0% 18,653	51.4% 92,657	92.4%	75.6%	39.6% 89,447	89.4%	12.5% 3,281	44.0% 58,625	63.6% 8,247	nan% 0	73.3%
F1 $\mu=58.0\%$	65.8%	62.2%	31.0%	41.2%	92.4%	81.6%	43.9%	90.8%	4.2%	49.5%	75.2%	nan%	

prediction