

Confusion Matrix

ground truth

Low Veg. (0) 910,600 / 11.2%	93.7%	2.1% 18,869	0.0% 1	0.8% 7,564	0.1% 1,242	0.4% 3,898	2.3% 21,227	0.1% 598	0.2% 2,184	0.2% 1,825	0.0% 0	0.0% 0	93.7%
Imp. Surface (1) 833,152 / 10.3%	8.6% 71,985	84.3%	0.2% 1,425	1.7% 14,557	1.5% 12,374	1.9% 15,645	0.1% 585	0.0% 145	0.0% 84	1.7% 14,078	0.0% 0	0.0% 0	84.3%
Vehicle (2) 96,805 / 1.2%	0.5% 472	10.7% 10,318	69.0% 66,810	9.8% 9,482	6.5% 6,303	3.1% 2,989	0.0% 2	0.1% 65	0.2% 235	0.1% 129	0.0% 0	0.0% 0	69.0% 66,810
Urban Furn. (3) 269,114 / 3.3%	2.8% 7,573	2.6% 7,065	9.6% 25,908	58.2% 5,916	2.2% 17,311	6.4% 14,516	5.4% 15,972	0.1% 230	6.6% 17,670	0.1% 342	0.0% 0	0.0% 0	58.2%
Roof (4) 877,491 / 10.8%	1.2% 10,301	3.5% 30,598	0.3% 2,434	0.5% 4,660	91.0% 91,000	2.8% 24,454	0.2% 1,469	0.1% 1,214	0.1% 711	0.1% 828	0.3% 2,678	0.0% 0	91.0%
Facade (5) 500,496 / 6.2%	0.7% 3,728	1.1% 5,411	0.2% 921	2.9% 14,528	2.8% 13,953	86.3% 86,300	0.4% 1,922	0.3% 1,443	0.0% 10	5.1% 25,452	0.2% 1,106	0.0% 0	86.3%
Shrub (6) 182,138 / 2.2%	4.2% 7,704	0.4% 796	0.0% 56	9.6% 17,535	0.1% 266	1.6% 2,894	75.2% 75,200	6.3% 11,425	0.0% 0	2.4% 4,418	0.0% 0	0.0% 0	75.2%
Tree (7) 1,067,117 / 13.2%	0.7% 7,942	0.0% 8	0.7% 7,406	2.0% 20,919	0.1% 1,118	0.1% 979	8.1% 86,029	87.9% 87,900	0.0% 15	0.4% 4,753	0.0% 117	0.0% 0	87.9%
Soil / Gravel (8) 131,351 / 1.6%	72.0% 94,582	15.7% 20,635	0.0% 0	0.5% 511	0.3% 345	0.0% 13	0.4% 535	0.0% 1	11.0% 14,511	0.0% 18	0.0% 0	0.0% 0	11.0% 14,511
Vertical (9) 103,576 / 1.3%	0.0% 32	6.1% 6,313	2.1% 2,189	4.2% 4,347	0.2% 233	9.4% 9,685	0.0% 26	0.1% 64	0.0% 0	77.9% 80,687	0.0% 0	0.0% 0	77.9% 80,687
Chimney (10) 8,972 / 0.1%	0.0% 0	0.0% 0	2.3% 205	2.9% 257	4.1% 368	0.5% 43	0.1% 11	0.3% 29	0.0% 0	0.0% 0	89.8% 8,059	0.0% 0	89.8% 8,059
Ignore* (11) 3,126,807 / 38.6%	13.4% 42,876	1.4% 48,141	1.5% 48,141	2.7% 83,863	5.7% 57,000	7.1% 71,000	5.2% 52,000	59.0% 59,000	2.1% 64,436	2.0% 62,079	0.1% 1,619	0.0% 0	0.0% 0
precision	80.7%	87.5%	62.2% 66,810	62.4%	95.0%	84.7%	52.0%	96.8%	80.7% 14,511	53.8% 80,687	65.5% 8,059	nan% 0	84.1%
F1 $\mu=71.7\%$	86.7%	85.9%	65.4%	60.2%	92.9%	85.5%	61.5%	92.1%	19.4%	63.7%	75.8%	nan%	

prediction