

Confusion Matrix

ground truth

Low Veg. (0) 910,600 / 11.2%	81.2%	4.8% 44,114	0.0% 173	1.8% 16,197	0.3% 2,386	0.6% 5,258	4.0% 36,245	0.2% 1,402	7.2% 65,276	0.1% 480	0.0% 0	0.0% 0	81.2%
Imp. Surface (1) 833,152 / 10.3%	4.2% 35,317	87.6%	0.6% 4,868	1.9% 15,960	1.1% 9,092	2.2% 18,299	0.7% 6,040	0.0% 100	0.4% 3,011	1.2% 10,275	0.0% 0	0.0% 0	87.6%
Vehicle (2) 96,805 / 1.2%	0.0% 39	8.7% 8,390	79.5% 76,922	5.7% 5,562	3.7% 3,582	1.7% 1,633	0.1% 102	0.0% 14	0.5% 532	0.0% 29	0.0% 0	0.0% 0	79.5% 76,922
Urban Furn. (3) 269,114 / 3.3%	1.1% 2,974	3.1% 8,343	5.6% 14,991	69.2% 69,212	1.4% 3,812	6.7% 18,122	9.2% 24,650	1.9% 5,026	0.0% 115	1.6% 4,402	0.1% 382	0.0% 0	69.2%
Roof (4) 877,491 / 10.8%	0.3% 2,921	4.2% 36,737	0.4% 3,869	1.2% 10,386	90.2% 90,212	2.4% 21,294	0.1% 889	0.1% 994	0.6% 5,557	0.0% 284	0.3% 2,895	0.0% 0	90.2%
Facade (5) 500,496 / 6.2%	0.2% 814	1.9% 9,473	0.5% 2,414	4.0% 20,253	2.4% 12,227	87.5% 87,512	0.9% 4,639	0.4% 2,228	0.1% 395	2.1% 10,365	0.3% 3	0.0% 0	87.5%
Shrub (6) 182,138 / 2.2%	0.9% 1,566	1.0% 1,837	0.0% 83	6.6% 11,973	0.2% 365	2.2% 3,916	74.2% 74,216	13.6% 24,848	0.0% 24	1.3% 2,381	0.0% 0	0.0% 0	74.2%
Tree (7) 1,067,117 / 13.2%	0.3% 3,261	0.0% 263	0.0% 476	0.7% 7,188	0.2% 1,994	0.2% 2,105	7.0% 74,257	91.5% 91,512	0.0% 252	0.1% 696	0.0% 5	0.0% 0	91.5%
Soil / Gravel (8) 131,351 / 1.6%	20.6% 27,102	18.3% 24,003	0.0% 0	0.8% 1,016	0.5% 651	0.2% 211	0.8% 987	0.0% 1	58.8% 77,286	0.0% 4	0.0% 0	0.0% 0	58.8% 77,286
Vertical (9) 103,576 / 1.3%	0.1% 61	2.6% 2,644	1.1% 1,154	5.8% 6,028	0.0% 41	8.6% 8,935	3.1% 3,211	0.1% 83	0.0% 31	78.6% 81,388	0.0% 0	0.0% 0	78.6% 81,388
Chimney (10) 8,972 / 0.1%	0.0% 0	0.0% 0	0.0% 2	5.9% 532	3.4% 301	0.6% 50	0.0% 1	1.1% 103	0.0% 0	0.0% 0	89.0% 7,983	0.0% 0	89.0% 7,983
Ignore* (11) 3,126,807 / 38.6%	35.0% 35,012	6.2% 6,212	1.8% 55,646	2.3% 71,958	5.4% 5,412	9.6% 9,612	2.2% 69,799	30.3% 30,312	5.3% 5,312	1.8% 56,681	0.0% 869	0.0% 0	0.0% 0
precision	90.9%	84.3%	73.3% 76,922	66.2%	95.8%	84.6%	47.2%	96.6%	50.7% 77,286	73.8% 81,388	70.8% 7,983	nan% 0	85.1%
F1 $\mu=77.8\%$	85.8%	85.9%	76.3%	67.7%	92.9%	86.0%	57.7%	94.0%	54.5%	76.1%	78.9%	nan%	

prediction