

Confusion Matrix

ground truth

Low Veg. (0) 910,600 / 11.2%	85.4%	3.3% 30,054	0.0% 4	1.6% 14,198	0.1% 1,220	0.4% 3,350	4.2% 38,219	0.3% 2,671	4.7% 42,913	0.1% 580	0.0% 14	0.0% 0	85.4%
Imp. Surface (1) 833,152 / 10.3%	6.6% 54,944	84.9%	0.8% 6,366	2.9% 24,012	1.3% 10,816	1.8% 15,033	0.5% 3,864	0.0% 18	0.2% 1,304	1.1% 9,186	0.0% 55	0.0% 0	84.9%
Vehicle (2) 96,805 / 1.2%	0.0% 8	6.0% 5,844	74.7% 72,334	9.8% 9,531	4.6% 4,488	3.5% 3,426	0.1% 53	0.7% 717	0.1% 81	0.0% 4	0.3% 319	0.0% 0	74.7% 72,334
Urban Furn. (3) 269,114 / 3.3%	1.5% 3,989	2.1% 5,587	3.9% 10,459	67.5% 65,252	3.4% 9,258	6.8% 18,357	8.9% 23,880	2.9% 7,808	0.0% 11	1.1% 3,059	1.9% 5,044	0.0% 0	67.5%
Roof (4) 877,491 / 10.8%	0.3% 2,558	1.6% 13,969	0.3% 2,280	1.0% 8,393	93.9%	2.0% 17,311	0.2% 1,680	0.1% 565	0.1% 1,296	0.0% 395	0.6% 5,282	0.0% 0	93.9%
Facade (5) 500,496 / 6.2%	0.4% 2,010	1.2% 5,850	0.2% 1,072	5.1% 25,292	3.9% 19,490	85.2%	0.7% 3,736	0.1% 512	0.0% 13	0.7% 3,598	2.5% 12,547	0.0% 0	85.2%
Shrub (6) 182,138 / 2.2%	1.2% 2,248	0.6% 1,130	0.0% 0	7.1% 12,916	0.3% 523	1.8% 3,280	85.4%	2.1% 3,835	0.0% 31	1.3% 2,401	0.1% 231	0.0% 0	85.4%
Tree (7) 1,067,117 / 13.2%	0.3% 3,196	0.0% 134	0.0% 1	0.4% 4,702	0.2% 2,347	0.1% 978	9.0% 95,563	89.6%	0.0% 113	0.3% 2,749	0.1% 948	0.0% 0	89.6%
Soil / Gravel (8) 131,351 / 1.6%	45.2% 59,431	14.6% 19,230	0.0% 1	1.0% 1,278	0.0% 0	0.1% 78	0.8% 986	0.0% 6	38.3% 50,341	0.0% 0	0.0% 0	0.0% 0	38.3% 50,341
Vertical (9) 103,576 / 1.3%	0.1% 147	4.1% 4,207	3.8% 3,981	2.4% 2,454	0.7% 711	21.9% 22,670	0.2% 241	0.0% 37	0.0% 0	66.6% 68,941	0.2% 187	0.0% 0	66.6% 68,941
Chimney (10) 8,972 / 0.1%	0.0% 0	0.0% 0	0.2% 15	3.5% 312	5.5% 491	0.1% 5	0.0% 0	0.0% 0	0.0% 0	0.0% 0	90.8% 8,149	0.0% 0	90.8% 8,149
Ignore* (11) 3,126,807 / 38.6%	13.4% 72,313	2.3% 72,313	1.2% 37,404	7.5% 72,313	12.0% 72,313	8.2% 72,313	2.7% 85,084	49.1%	1.7% 54,096	1.6% 50,738	0.3% 9,377	0.0% 0	0.0% 0
precision	85.8%	89.2%	74.9% 72,334	63.8%	94.3%	83.5%	48.0%	98.3%	52.4% 50,341	75.8% 68,941	24.9% 8,149	nan% 0	84.9%
F1 $\mu=72.8\%$	85.6%	87.0%	74.8%	65.6%	94.1%	84.3%	61.5%	93.8%	44.3%	70.9%	39.0%	nan%	

prediction