

Confusion Matrix

ground truth

Low Veg. (0) 910,600 / 11.2%	88.1%	3.5% 32,136	0.0% 212	0.7% 6,709	0.2% 1,727	0.3% 3,145	1.7% 15,581	0.3% 2,748	4.6% 41,669	0.5% 4,628	0.0% 1	0.0% 0	88.1%
Imp. Surface (1) 833,152 / 10.3%	6.8% 56,422	84.1%	0.6% 5,057	1.5% 12,458	1.7% 14,298	2.1% 17,833	0.2% 1,325	0.0% 56	1.0% 8,694	1.9% 15,992	0.0% 2	0.0% 0	84.1%
Vehicle (2) 96,805 / 1.2%	0.1% 68	8.8% 8,489	74.7% 72,330	6.4% 6,243	4.7% 4,563	4.3% 4,189	0.0% 2	0.0% 7	0.6% 535	0.4% 379	0.0% 0	0.0% 0	74.7% 72,330
Urban Furn. (3) 269,114 / 3.3%	2.6% 7,129	2.8% 7,508	11.2% 30,256	55.6%	2.1% 5,714	10.3% 27,759	5.6% 15,004	2.8% 7,499	0.0% 117	6.6% 17,875	0.3% 696	0.0% 0	55.6%
Roof (4) 877,491 / 10.8%	1.3% 11,000	3.6% 31,930	0.3% 2,528	0.7% 6,369	87.6%	3.0% 25,934	0.1% 1,286	0.1% 915	2.8% 24,269	0.1% 674	0.4% 3,861	0.0% 0	87.6%
Facade (5) 500,496 / 6.2%	0.3% 1,617	1.5% 7,568	0.5% 2,420	2.6% 12,782	2.0% 9,950	85.3%	0.4% 2,241	0.1% 603	0.0% 88	7.1% 35,452	0.2% 901	0.0% 0	85.3%
Shrub (6) 182,138 / 2.2%	4.7% 8,478	0.5% 828	0.1% 240	7.2% 13,126	0.3% 557	1.7% 3,006	64.9%	11.7% 21,291	0.0% 53	8.9% 16,300	0.0% 64	0.0% 0	64.9%
Tree (7) 1,067,117 / 13.2%	0.9% 9,362	0.0% 57	0.2% 2,320	1.0% 10,530	0.2% 1,771	0.3% 2,793	4.2% 45,140	92.6%	0.1% 782	0.5% 5,072	0.1% 725	0.0% 0	92.6%
Soil / Gravel (8) 131,351 / 1.6%	37.3% 48,945	15.1% 19,891	0.0% 5	0.6% 784	0.1% 171	0.1% 87	0.4% 502	0.0% 0	46.3% 60,873	0.1% 70	0.0% 23	0.0% 0	46.3% 60,873
Vertical (9) 103,576 / 1.3%	0.4% 400	3.5% 3,595	4.9% 5,029	3.0% 3,060	0.0% 26	5.9% 6,082	0.0% 23	0.0% 1	0.0% 0	82.4% 85,360	0.0% 0	0.0% 0	82.4% 85,360
Chimney (10) 8,972 / 0.1%	0.0% 0	0.0% 0	0.0% 0	5.5% 494	2.6% 229	0.4% 38	0.1% 12	0.0% 0	0.0% 0	0.0% 0	91.4% 8,199	0.0% 0	91.4% 8,199
Ignore* (11) 3,126,807 / 38.6%	4.1% 68,016	2.2% 2,328	2.3% 72,328	4.5% 4,563	4.6% 4,563	13.8% 13,800	4.6% 4,563	57.3%	4.3% 4,300	2.2% 69,295	0.1% 2,020	0.0% 0	0.0% 0
precision	84.8%	86.2%	60.1% 72,330	67.3%	95.2%	82.4%	59.3%	96.8%	44.4% 60,873	47.0% 85,360	56.7% 8,199	nan% 0	84.0%
F1 $\mu=73.3\%$	86.4%	85.2%	66.6%	60.9%	91.2%	83.8%	62.0%	94.7%	45.4%	59.8%	69.9%	nan%	

prediction