

# Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	24.7%	62.2%	4.3% 39,249	2.3% 21,289	0.4% 3,938	0.9% 7,815	1.0% 8,651	0.7% 6,455	3.0% 26,963	0.6% 5,085	0.0% 0	0.0% 0	24.7%
Imp. Surface (1) 833,163 / 10.3%	16.0%	66.5%	9.7% 80,836	1.5% 12,302	0.7% 5,926	1.7% 13,922	0.8% 6,565	1.0% 8,464	0.9% 7,653	1.2% 10,111	0.0% 0	0.0% 0	66.5%
Vehicle (2) 96,807 / 1.2%	5.9% 5,713	7.7% 7,418	50.1% 48,487	2.3% 2,210	0.1% 73	1.7% 1,641	11.3% 10,901	20.3% 19,656	0.1% 74	0.7% 634	0.0% 0	0.0% 0	50.1% 48,487
Urban Furn. (3) 269,121 / 3.3%	3.7% 9,974	0.6% 1,656	23.6% 63,562	4.2% 12,740	1.5% 3,979	8.7% 23,423	27.4% 73,670	28.0% 75,351	0.0% 75	1.7% 4,655	0.0% 36	0.0% 0	4.7% 12,740
Roof (4) 877,490 / 10.8%	1.1% 9,871	2.6% 23,149	1.0% 8,891	0.3% 2,421	84.5% 781,352	4.5% 39,806	2.2% 19,109	3.4% 30,033	0.0% 33	0.1% 1,008	0.2% 1,512	0.0% 0	84.5%
Facade (5) 500,492 / 6.2%	1.1% 5,513	0.2% 841	1.1% 5,517	0.8% 4,049	0.7% 3,601	82.6% 761,196	4.5% 22,747	5.8% 29,126	0.1% 515	3.0% 15,070	0.0% 30	0.0% 0	82.6%
Shrub (6) 182,133 / 2.2%	1.7% 3,127	0.2% 422	26.1% 47,544	3.0% 5,543	2.0% 3,579	5.8% 10,497	29.6% 53,957	29.8% 54,215	0.0% 13	1.8% 3,235	0.0% 1	0.0% 0	29.6% 53,957
Tree (7) 1,067,121 / 13.2%	0.2% 2,053	0.0% 5	2.3% 25,009	0.2% 2,620	2.2% 23,796	3.4% 36,300	3.9% 41,425	87.6% 916,551	0.0% 7	0.1% 707	0.0% 97	0.0% 0	87.6%
Soil / Gravel (8) 131,349 / 1.6%	12.4% 16,263	82.9% 108,189	0.6% 819	0.7% 894	0.0% 28	0.1% 136	0.2% 296	0.4% 590	2.5% 3,341	0.0% 59	0.0% 0	0.0% 0	2.5% 3,341
Vertical (9) 103,575 / 1.3%	2.3% 2,362	0.3% 289	9.4% 9,691	0.9% 980	0.0% 42	13.3% 13,815	1.6% 1,627	5.8% 5,962	0.1% 106	66.3% 68,701	0.0% 0	0.0% 0	66.3% 68,701
Chimney (10) 8,971 / 0.1%	0.1% 6	0.0% 0	0.0% 0	0.0% 0	8.2% 733	4.0% 358	3.2% 285	2.6% 234	0.0% 3	0.0% 0	82.0% 7,352	0.0% 0	82.0% 7,352
Ignore* (11) 3,126,819 / 38.6%	11.1% 3,126,819	5.2% 1,514,711	8.7% 2,597,878	3.1% 97,878	13.6% 39,878	8.2% 23,423	45.5% 128,163	0.5% 15,471	2.3% 72,275	0.0% 1,021	0.0% 0	0.0% 0	0.0% 0
precision	54.4%	43.9%	14.7% 48,487	19.6% 12,740	94.2%	73.7%	22.6% 53,957	80.3%	8.6% 3,341	62.9% 68,701	81.4% 7,352	nan%	61.5%
F1 $\mu=49.4\%$	34.0%	52.9%	22.7%	7.6%	89.1%	77.9%	25.6%	83.8%	3.9%	64.6%	81.7%	nan%	

prediction