

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	85.4%	5.9% 53,756	0.1% 900	2.7% 24,510	0.8% 6,871	0.6% 5,023	2.9% 26,419	0.4% 3,574	1.0% 8,927	0.4% 3,255	0.0% 4	0.0% 0	85.4%
Imp. Surface (1) 833,163 / 10.3%	6.9% 57,628	83.3%	0.6% 5,347	3.8% 31,416	1.6% 13,292	1.9% 15,972	0.3% 2,602	0.3% 2,739	0.4% 3,435	0.8% 6,839	0.0% 1	0.0% 0	83.3%
Vehicle (2) 96,807 / 1.2%	0.8% 810	12.5% 12,105	30.8% 29,785	33.4% 32,333	9.1% 8,790	6.2% 5,962	0.2% 173	6.2% 6,045	0.8% 730	0.1% 74	0.0% 0	0.0% 0	30.8% 29,785
Urban Furn. (3) 269,121 / 3.3%	1.9% 4,980	2.5% 6,686	2.9% 7,729	57.5% 57,500	5.0% 13,488	11.4% 30,752	6.0% 16,155	11.9% 32,041	0.1% 136	0.9% 2,314	0.1% 213	0.0% 0	57.5%
Roof (4) 877,490 / 10.8%	0.3% 2,955	1.3% 11,390	0.1% 752	1.7% 15,220	92.7% 92,700	2.2% 19,224	0.1% 1,260	0.9% 7,974	0.1% 471	0.1% 544	0.5% 4,357	0.0% 0	92.7%
Facade (5) 500,492 / 6.2%	0.3% 1,398	1.2% 6,051	0.0% 226	4.5% 22,390	2.7% 13,747	88.6% 88,600	0.4% 1,763	0.6% 2,843	0.0% 4	1.7% 8,537	0.0% 83	0.0% 0	88.6%
Shrub (6) 182,133 / 2.2%	2.1% 3,858	0.7% 1,264	1.0% 1,746	8.9% 16,213	0.7% 1,300	3.9% 7,059	45.6% 82,965	30.2% 54,990	0.0% 0	7.0% 12,735	0.0% 3	0.0% 0	45.6% 82,965
Tree (7) 1,067,121 / 13.2%	0.4% 3,959	0.0% 68	0.0% 295	0.7% 7,099	0.2% 2,281	0.4% 4,168	4.5% 48,404	93.7% 93,700	0.0% 59	0.0% 253	0.0% 508	0.0% 0	93.7%
Soil / Gravel (8) 131,349 / 1.6%	61.3% 80,565	24.2% 31,844	0.0% 8	1.0% 5,323	0.0% 11	0.1% 193	0.4% 510	0.0% 56	12.8% 16,823	0.0% 16	0.0% 0	0.0% 0	12.8% 16,823
Vertical (9) 103,575 / 1.3%	2.1% 2,134	3.5% 3,587	1.0% 1,086	5.5% 5,695	1.2% 1,194	29.6% 30,644	0.4% 439	3.3% 3,449	0.6% 618	52.8% 54,653	0.1% 76	0.0% 0	52.8% 54,653
Chimney (10) 8,971 / 0.1%	0.0% 0	0.0% 0	0.0% 0	3.9% 351	5.2% 468	1.7% 151	0.0% 0	0.1% 8	0.0% 0	0.0% 0	89.1% 7,993	0.0% 0	89.1% 7,993
Ignore* (11) 3,126,819 / 38.6%	13.2% 65,149	2.1% 16,664	0.5% 16,664	4.5% 16,664	5.4% 16,664	12.7% 16,664	7.3% 16,664	51.7% 16,664	0.4% 12,334	2.2% 67,659	0.1% 2,643	0.0% 0	0.0% 0
precision	83.1%	84.6%	62.2% 29,785	49.7%	93.0%	78.8%	45.9% 82,965	89.8%	53.9% 16,823	61.3% 54,653	60.4% 7,993	nan% 0	81.8%
F1 μ=66.0%	84.2%	83.9%	41.2%	53.3%	92.8%	83.4%	45.7%	91.7%	20.7%	56.7%	72.0%	nan%	
Low Veg. (0) 955,644 / 11.5%													
Imp. Surface (1) 860,643 / 10.1%													
Vehicle (2) 47,874 / 0.6%													
Urban Furn. (3) 311,177 / 3.8%													
Roof (4) 874,785 / 10.8%													
Facade (5) 562,598 / 6.9%													
Shrub (6) 180,690 / 2.2%													
Tree (7) 1,113,746 / 13.7%													
Soil / Gravel (8) 31,205 / 0.4%													
Vertical (9) 89,220 / 1.1%													
Chimney (10) 132,338 / 0.2%													
Ignore (11) 0 / 0.0%													
recall													

prediction