

Confusion Matrix

ground truth

Low Veg. (0) 910,600 / 11.2%	81.9%	2.3% 20,971	0.0% 121	0.7% 6,105	0.2% 1,738	0.4% 3,783	4.2% 38,119	0.7% 6,730	9.3% 84,886	0.3% 2,695	0.0% 28	0.0% 0	81.9%
Imp. Surface (1) 833,152 / 10.3%	8.0% 66,572	79.5%	1.8% 14,907	2.5% 20,964	2.6% 21,443	2.1% 17,326	0.3% 2,782	0.0% 251	1.3% 10,983	1.9% 15,798	0.0% 26	0.0% 0	79.5%
Vehicle (2) 96,805 / 1.2%	0.0% 8	5.3% 5,099	78.2% 75,709	8.1% 7,826	5.1% 4,933	3.0% 2,923	0.1% 133	0.0% 1	0.1% 93	0.1% 80	0.0% 0	0.0% 0	78.2% 75,709
Urban Furn. (3) 269,114 / 3.3%	1.4% 3,838	1.4% 3,817	9.8% 26,445	57.5%	4.6% 12,281	8.7% 23,366	8.6% 23,269	4.5% 12,064	0.6% 1,481	2.4% 6,394	0.5% 1,409	0.0% 0	57.5%
Roof (4) 877,491 / 10.8%	0.6% 5,240	1.3% 11,740	0.3% 2,980	0.6% 5,632	94.0%	1.8% 16,007	0.1% 818	0.2% 2,125	0.1% 676	0.0% 261	0.8% 6,896	0.0% 0	94.0%
Facade (5) 500,496 / 6.2%	0.3% 1,284	0.6% 3,235	0.2% 1,102	3.4% 17,065	5.9% 29,429	86.7%	0.7% 3,599	0.5% 2,651	0.0% 223	1.4% 7,105	0.2% 795	0.0% 0	86.7%
Shrub (6) 182,138 / 2.2%	1.7% 3,123	0.4% 662	0.0% 7	2.8% 5,079	0.3% 535	2.4% 4,361	60.1%	30.3% 55,131	0.2% 363	1.9% 3,487	0.0% 2	0.0% 0	60.1%
Tree (7) 1,067,117 / 13.2%	0.2% 1,847	0.0% 5	0.0% 68	0.1% 1,570	0.3% 2,774	0.3% 3,265	2.6% 27,649	96.4%	0.1% 547	0.1% 682	0.0% 149	0.0% 0	96.4%
Soil / Gravel (8) 131,351 / 1.6%	22.3% 29,354	14.8% 19,435	0.0% 21	0.6% 738	0.2% 254	0.1% 95	0.7% 891	0.0% 31	61.3% 80,458	0.1% 74	0.0% 0	0.0% 0	61.3% 80,458
Vertical (9) 103,576 / 1.3%	0.0% 44	2.9% 2,991	6.8% 7,062	2.4% 2,523	0.1% 118	10.7% 11,132	0.1% 96	0.0% 8	0.0% 33	76.8% 79,569	0.0% 0	0.0% 0	76.8% 79,569
Chimney (10) 8,972 / 0.1%	0.0% 0	0.0% 0	0.0% 0	4.7% 422	2.2% 197	0.0% 3	0.0% 0	0.0% 3	0.0% 0	0.0% 0	93.0% 8,347	0.0% 0	93.0% 8,347
Ignore* (11) 3,126,807 / 38.6%	1.2% 39,033	0.3% 10,385	2.2% 69,515	4.9% 22,674	12.6% 22,674	25.2%	3.7% 26,674	26.6%	18.2% 179,743	4.9% 116,145	0.2% 6,360	0.0% 0	0.0% 0
precision	87.0%	90.7%	59.0% 75,709	69.5%	91.8%	84.1%	52.9%	92.9%	44.8% 80,458	68.5% 79,569	47.3% 8,347	nan%	84.4%
F1 $\mu=74.1\%$	84.4%	84.7%	67.2%	62.9%	92.9%	85.4%	56.3%	94.6%	51.7%	72.4%	62.7%	nan%	

prediction