

Confusion Matrix

ground truth

Low Veg. (0) 910,600 / 11.2%	85.8%	3.2% 28,786	0.0% 0	0.6% 5,363	0.0% 0	0.5% 4,538	3.9% 35,352	0.1% 1,181	5.3% 48,052	0.7% 5,968	0.0% 0	0.0% 0	85.8%
Imp. Surface (1) 833,152 / 10.3%	6.3% 52,777	85.9%	0.1% 913	1.7% 13,851	0.4% 3,658	2.0% 16,551	0.2% 1,281	0.0% 58	0.8% 6,618	2.6% 22,018	0.0% 0	0.0% 0	85.9%
Vehicle (2) 96,805 / 1.2%	0.0% 5	12.7% 12,313	42.0% 40,669	35.4% 34,270	4.3% 4,130	5.2% 5,003	0.1% 72	0.2% 156	0.0% 35	0.2% 152	0.0% 0	0.0% 0	42.0% 40,669
Urban Furn. (3) 269,114 / 3.3%	2.1% 5,635	3.1% 8,242	0.1% 168	62.6% 62,666	2.8% 7,537	11.3% 30,444	8.7% 23,336	1.7% 4,464	0.1% 189	7.5% 20,215	0.2% 550	0.0% 0	62.6%
Roof (4) 877,491 / 10.8%	0.6% 5,536	2.7% 23,482	0.0% 53	0.7% 6,281	91.2%	2.8% 24,942	0.2% 1,475	0.1% 648	0.7% 6,262	0.5% 4,657	0.5% 4,023	0.0% 0	91.2%
Facade (5) 500,496 / 6.2%	0.3% 1,271	1.5% 7,414	0.0% 113	2.2% 11,075	2.3% 11,506	89.2%	0.4% 2,123	0.1% 683	0.0% 41	4.0% 19,840	0.0% 30	0.0% 0	89.2%
Shrub (6) 182,138 / 2.2%	2.8% 5,065	0.5% 821	0.0% 0	3.9% 7,081	0.3% 503	2.2% 3,940	68.6%	10.7% 19,575	0.0% 34	11.0% 20,125	0.0% 1	0.0% 0	68.6%
Tree (7) 1,067,117 / 13.2%	0.7% 7,398	0.0% 92	0.0% 0	0.5% 5,398	0.2% 1,795	0.3% 3,563	6.0% 63,735	90.5%	0.1% 1,050	1.7% 18,569	0.0% 8	0.0% 0	90.5%
Soil / Gravel (8) 131,351 / 1.6%	33.9% 44,502	18.0% 23,622	0.0% 0	0.4% 572	0.0% 0	0.2% 222	0.5% 676	0.0% 7	46.9% 61,542	0.2% 208	0.0% 0	0.0% 0	46.9% 61,542
Vertical (9) 103,576 / 1.3%	0.0% 18	4.8% 4,950	0.2% 199	6.3% 6,510	0.0% 10	11.6% 12,046	0.1% 104	0.1% 99	0.0% 8	76.9% 79,632	0.0% 0	0.0% 0	76.9% 79,632
Chimney (10) 8,972 / 0.1%	0.0% 0	0.0% 0	0.0% 0	3.5% 316	3.2% 288	4.0% 363	0.0% 0	0.0% 3	0.0% 0	0.0% 0	89.2% 8,002	0.0% 0	89.2% 8,002
Ignore* (11) 3,126,807 / 38.6%	5.7% 99,562	3.2% 99,562	0.4% 13,168	4.2% 13,168	4.1% 13,168	13.4% 88,398	2.8% 88,398	59.9%	3.0% 95,021	3.1% 97,921	0.1% 1,636	0.0% 0	0.0% 0
precision	86.5%	86.7%	96.6% 40,669	65.0%	96.5%	81.5%	49.4%	97.3%	49.7% 61,542	41.6% 79,632	63.4% 8,002	nan% 0	84.2%
F1 $\mu=72.8\%$	86.1%	86.3%	58.6%	63.7%	93.7%	85.1%	57.4%	93.8%	48.2%	54.0%	74.1%	nan%	

prediction