

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	81.2%	3.4% 31,320	0.1% 624	0.5% 4,465	0.0% 143	0.1% 764	1.7% 15,240	1.6% 14,139	11.3%	0.3% 2,357	0.0% 0	0.0% 0	81.2%
Imp. Surface (1) 833,163 / 10.3%	11.2% 93,665	76.5%	0.7% 5,914	3.5% 28,873	1.1% 9,287	0.5% 4,433	0.7% 5,515	1.4% 11,765	3.2% 27,005	1.1% 9,280	0.0% 0	0.0% 0	76.5%
Vehicle (2) 96,807 / 1.2%	1.5% 1,499	19.7% 19,085	38.1% 36,930	24.1% 23,288	6.4% 6,205	4.3% 4,189	2.4% 2,356	1.9% 1,833	0.7% 683	0.8% 738	0.0% 1	0.0% 0	38.1% 36,930
Urban Furn. (3) 269,121 / 3.3%	4.4% 11,850	3.4% 9,052	6.0% 16,053	38.3% 37,318	7.1% 19,141	5.3% 14,367	8.7% 23,318	24.3% 65,272	0.3% 750	2.2% 6,044	0.1% 266	0.0% 0	38.3%
Roof (4) 877,490 / 10.8%	0.4% 3,423	1.4% 12,390	0.4% 3,161	0.8% 6,847	89.9% 89,900	1.8% 15,780	0.3% 2,761	3.9% 34,380	0.5% 4,656	0.0% 309	0.6% 4,947	0.0% 0	89.9%
Facade (5) 500,492 / 6.2%	1.7% 8,534	1.1% 5,556	1.1% 5,306	9.0% 44,905	2.8% 13,920	3.2% 16,078	10.4% 51,815	0.2% 1,170	2.7% 13,683	0.1% 306	0.0% 0	0.0% 0	67.8%
Shrub (6) 182,133 / 2.2%	5.5% 10,026	0.2% 433	0.4% 697	1.5% 2,757	0.2% 346	0.4% 804	38.7% 70,514	52.4% 95,396	0.2% 326	0.5% 834	0.0% 0	0.0% 0	38.7% 70,514
Tree (7) 1,067,121 / 13.2%	0.6% 6,441	0.0% 13	0.0% 4	0.0% 347	0.1% 698	0.0% 205	1.8% 19,276	97.3% 97,300	0.0% 373	0.1% 1,102	0.0% 293	0.0% 0	97.3%
Soil / Gravel (8) 131,349 / 1.6%	31.2% 40,916	13.9% 18,233	0.0% 0	0.1% 85	0.0% 2	0.0% 2	0.6% 159	54.1% 71,074	0.1% 125	0.0% 0	0.0% 0	0.0% 0	54.1% 71,074
Vertical (9) 103,575 / 1.3%	2.2% 2,248	3.3% 3,422	0.6% 574	4.9% 5,060	1.6% 1,680	19.5% 20,246	4.0% 4,105	15.8% 16,360	0.1% 56	48.1% 49,792	0.0% 32	0.0% 0	48.1% 49,792
Chimney (10) 8,971 / 0.1%	0.0% 0	0.0% 0	0.0% 3	3.3% 292	6.6% 593	1.9% 168	0.0% 0	0.6% 50	0.0% 0	0.0% 0	87.7% 7,865	0.0% 0	87.7% 7,865
Ignore* (11) 3,126,819 / 38.6%	18.0% 51,008	1.6% 23,636	0.8% 64,722	2.1% 64,722	4.8% 64,722	8.4% 64,722	5.7% 64,722	54.3% 64,722	1.7% 51,974	2.5% 79,396	0.1% 3,895	0.0% 0	0.0% 0
precision	80.5%	86.5%	53.3% 36,930	46.8%	93.8%	84.8%	44.3% 70,514	78.1%	34.1% 71,074	59.1% 49,792	57.4% 7,865	nan%	77.9%
F1 $\mu=64.4\%$	80.8%	81.2%	44.5%	42.1%	91.8%	75.3%	41.3%	86.6%	41.8%	53.0%	69.4%	nan%	

prediction