

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	72.6%	9.3% 85,009	0.4% 3,268	1.8% 16,226	0.0% 413	0.7% 6,240	2.5% 23,022	0.1% 1,278	12.2%	0.3% 2,800	0.0% 0	0.0% 0	72.6%
Imp. Surface (1) 833,163 / 10.3%	4.9% 40,834	84.4%	0.7% 6,095	4.6% 38,066	1.4% 12,043	1.9% 15,782	1.0% 8,202	0.1% 1,032	0.4% 3,092	0.6% 5,046	0.0% 1	0.0% 0	84.4%
Vehicle (2) 96,807 / 1.2%	0.7% 695	16.9% 16,362	30.0% 29,079	46.5% 45,000	1.6% 1,575	2.6% 2,488	1.5% 1,492	0.1% 64	0.0% 0	0.1% 52	0.0% 0	0.0% 0	30.0% 29,079
Urban Furn. (3) 269,121 / 3.3%	1.8% 4,775	2.6% 7,086	4.7% 12,661	61.6%	3.7% 9,912	11.6% 31,220	8.5% 22,850	4.4% 11,792	0.0% 26	1.1% 2,869	0.0% 81	0.0% 0	61.6%
Roof (4) 877,490 / 10.8%	0.2% 2,061	2.0% 17,771	0.3% 3,023	3.2% 28,368	90.2%	2.3% 20,471	0.4% 3,707	0.8% 6,630	0.2% 1,414	0.0% 340	0.3% 2,279	0.0% 0	90.2%
Facade (5) 500,492 / 6.2%	0.2% 1,233	1.4% 7,253	0.6% 3,116	9.3% 46,749	1.9% 9,365	83.6%	0.6% 3,063	0.4% 1,961	0.0% 8	1.8% 9,124	0.1% 303	0.0% 0	83.6%
Shrub (6) 182,133 / 2.2%	2.5% 4,629	0.7% 1,337	0.5% 990	10.6% 19,380	0.4% 722	2.0% 3,648	67.8%	14.4% 26,232	0.0% 4	0.9% 1,663	0.0% 0	0.0% 0	67.8%
Tree (7) 1,067,121 / 13.2%	0.5% 5,773	0.0% 102	0.6% 5,887	0.7% 7,049	0.6% 6,636	1.6% 17,441	7.5% 79,707	87.9%	0.0% 337	0.5% 5,838	0.0% 491	0.0% 0	87.9%
Soil / Gravel (8) 131,349 / 1.6%	18.5% 24,346	28.0% 36,792	0.0% 36	0.5% 708	0.0% 0	0.2% 236	0.4% 463	0.0% 54	52.3% 68,704	0.0% 10	0.0% 0	0.0% 0	52.3% 68,704
Vertical (9) 103,575 / 1.3%	3.8% 3,965	2.7% 2,832	0.8% 859	11.3% 11,727	0.7% 702	46.3% 47,925	1.7% 1,755	0.9% 928	0.0% 5	31.7% 32,877	0.0% 0	0.0% 0	31.7% 32,877
Chimney (10) 8,971 / 0.1%	0.0% 0	0.0% 3	0.0% 4	4.1% 370	8.5% 763	2.5% 228	0.8% 71	0.2% 21	0.0% 0	0.7% 62	83.0% 7,449	0.0% 0	83.0% 7,449
Ignore* (11) 3,126,819 / 38.6%	18.0%	2.4% 75,140	0.6% 17,842	5.0%	4.4%	13.5%	11.2%	40.6%	1.4% 44,408	2.8% 88,652	0.1% 3,522	0.0% 0	0.0% 0
precision	88.2%	80.1%	44.7% 29,079	43.7%	94.9%	74.2%	46.1%	94.9%	37.1% 68,704	54.2% 32,877	70.2% 7,449	nan% 0	79.1%
F1 μ=66.0%	79.6%	82.2%	35.9%	51.1%	92.5%	78.6%	54.9%	91.3%	43.4%	40.0%	76.1%	nan%	
	Low Veg. (0) 749,262 / 9.2%	Imp. Surface (1) 877,517 / 10.5%	Vehicle (2) 65,018 / 0.8%	Urban Furn. (3) 319,492 / 4.1%	Roof (4) 833,557 / 10.3%	Facade (5) 563,996 / 7.0%	Shrub (6) 267,880 / 3.3%	Tree (7) 887,852 / 12.2%	Soil / Gravel (8) 184,919 / 2.3%	Vertical (9) 60,681 / 0.1%	Chimney (10) 10,604 / 0.1%	Ignore (11) 0 / 0.0%	recall

prediction