

Confusion Matrix

ground truth	Low Veg. (0) 8,995,518 / 15.7%	82.0%	4.2%	0.1% 8,529	2.0%	0.5% 41,989	0.4% 35,530	3.0%	3.5%	3.9%	0.5% 43,812	0.0% 1	0.0% 0	82.0%
	Imp. Surface (1) 4,834,873 / 8.5%	3.4%	91.1%	0.6% 29,490	1.5% 70,466	0.4% 17,184	1.0% 50,216	0.2% 8,480	0.2% 8,750	1.0% 48,616	0.7% 33,185	0.0% 0	0.0% 0	91.1%
	Vehicle (2) 298,620 / 0.5%	0.0% 6	0.1% 278	99.4%	0.2% 473	0.1% 380	0.0% 114	0.0% 20	0.0% 111	0.1% 344	0.0% 58	0.0% 0	0.0% 0	99.4%
	Urban Furn. (3) 1,245,020 / 2.2%	1.0% 11,929	1.2% 14,932	1.1% 13,765	84.5%	1.4% 17,308	2.1% 25,659	6.5% 80,330	2.1% 25,771	0.0% 568	0.2% 3,063	0.0% 1	0.0% 0	84.5%
	Roof (4) 3,284,849 / 5.7%	0.0% 1,044	0.1% 4,198	0.1% 2,207	0.5% 17,383	97.0%	0.9% 28,950	0.1% 3,134	1.0% 31,261	0.0% 1,024	0.0% 122	0.3% 6,909	0.0% 0	97.0%
	Facade (5) 1,867,375 / 3.3%	0.1% 1,956	0.9% 16,015	0.1% 1,650	2.7% 50,222	2.8% 53,218	92.0%	0.9% 16,015	0.5% 9,073	1.7% 172	0.0% 888	0.1% 1,026	0.0% 0	92.0%
	Shrub (6) 977,529 / 1.7%	1.6% 15,628	0.3% 3,299	0.1% 908	3.6% 35,306	0.4% 3,929	1.0% 10,006	84.0%	8.2% 79,803	0.1% 780	0.7% 6,573	0.0% 9	0.0% 0	84.0%
	Tree (7) 7,709,965 / 13.5%	0.1% 5,057	0.0% 100	0.0% 1,998	0.3% 19,314	0.4% 31,948	0.1% 7,680	1.4%	97.7%	0.0% 953	0.0% 831	0.0% 823	0.0% 0	97.7%
	Soil / Gravel (8) 3,763,121 / 6.6%	2.4% 89,862	2.6% 99,208	0.2% 7,755	0.7% 7,249	0.7% 25,563	0.1% 515	0.1% 3,995	0.3% 9,814	93.5%	0.0% 652	0.0% 27	0.0% 0	93.5%
	Vertical (9) 1,624,882 / 2.8%	0.7% 11,189	0.8% 13,557	0.1% 1,397	0.4% 6,320	0.1% 1,665	0.7% 11,664	4.0% 64,779	1.3% 21,763	0.1% 1,578	91.8%	0.0% 0	0.0% 0	91.8%
	Chimney (10) 27,097 / 0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 0	1.4% 384	0.2% 56	0.0% 0	0.1% 15	0.0% 0	0.0% 0	98.3% 26,642	0.0% 0	98.3% 26,642
	Ignore* (11) 22,505,588 / 39.4%	25.3%	4.4%	1.2%	3.4%	14.2%	11.8%	6.9%	26.3%	2.0%	4.3%	0.1% 31,497	0.0% 0	0.0% 0
precision	96.1%	89.3%	81.4%	73.1%	94.3%	91.0%	59.7%	93.7%	89.7%	94.4%	71.2% 26,642	nan%	0	90.7%
F1 μ=87.8%	88.5%	90.2%	89.5%	78.4%	95.6%	91.5%	69.8%	95.7%	91.6%	93.0%	82.6%	nan%		
	Low Veg (0) 7,672,163 / 13.4%	Imp. Surface (1) 4,931,601 / 8.6%	Vehicle (2) 364,535 / 0.6%	Urban Furn (3) 1,429,334 / 2.5%	Roof (4) 3,380,185 / 5.9%	Facade (5) 1,887,730 / 3.3%	Shrub (6) 1,374,953 / 2.4%	Tree (7) 8,038,480 / 14.1%	Soil / Gravel (8) 3,921,674 / 6.9%	Vertical (9) 1,580,154 / 2.8%	Chimney (10) 317,458 / 0.1%	Ignore (11) 0 / 0.0%	recall	
prediction														