

Confusion Matrix

ground truth	Low Veg. (0) 9,007,252 / 15.7%	87.3%	5.7%	0.0% 3,309	1.3%	0.5% 41,715	0.3% 30,731	1.4%	0.2% 17,116	2.5%	0.8% 72,769	0.0% 0	0.0% 0	87.3%
	Imp. Surface (1) 4,824,962 / 8.4%	2.1%	93.8%	0.3% 13,810	0.8% 38,104	0.8% 38,912	1.2% 58,625	0.1% 3,577	0.0% 601	0.4% 17,687	0.6% 28,913	0.0% 0	0.0% 0	93.8%
	Vehicle (2) 297,222 / 0.5%	0.0% 3	0.2% 741	98.0%	1.5% 4,324	0.0% 47	0.0% 138	0.0% 4	0.1% 159	0.2% 662	0.0% 2	0.0% 0	0.0% 0	98.0%
	Urban Furn. (3) 1,241,179 / 2.2%	1.7% 20,684	1.4% 17,576	0.8% 10,067	85.2%	1.1% 13,479	3.7% 46,101	4.9% 60,908	0.6% 7,254	0.1% 1,782	0.4% 5,544	0.0% 12	0.0% 0	85.2%
	Roof (4) 3,293,348 / 5.8%	0.0% 1,311	0.0% 193	0.1% 3,400	0.3% 11,103	98.2%	0.9% 28,036	0.1% 2,046	0.2% 7,335	0.0% 0	0.0% 725	0.1% 4,224	0.0% 0	98.2%
	Facade (5) 1,867,239 / 3.3%	0.1% 2,368	0.8% 14,944	0.0% 286	2.4% 45,374	3.0% 56,097	93.1%	0.2% 3,871	0.2% 2,882	0.0% 131	0.2% 3,552	0.0% 95	0.0% 0	93.1%
	Shrub (6) 985,556 / 1.7%	3.7% 36,069	0.5% 4,518	0.0% 98	4.0% 38,958	0.5% 4,466	0.9% 8,686	86.6%	2.3% 22,546	0.1% 579	1.7% 16,512	0.0% 14	0.0% 0	86.6%
	Tree (7) 7,770,161 / 13.6%	0.3% 20,611	0.0% 809	0.0% 266	0.2% 13,875	0.3% 21,779	0.2% 17,132	4.7%	93.8%	0.0% 940	0.5% 40,956	0.0% 108	0.0% 0	93.8%
	Soil / Gravel (8) 3,762,025 / 6.6%	2.8%	0.9% 32,809	0.2% 9,203	0.3% 10,406	0.1% 2,317	0.7% 377	0.0% 1,065	0.0% 706	95.7%	0.0% 14	0.0% 0	0.0% 0	95.7%
	Vertical (9) 1,618,582 / 2.8%	1.0% 16,176	0.8% 12,531	0.0% 32	0.3% 4,232	0.3% 4,193	1.0% 15,879	1.4% 22,843	0.2% 3,228	0.0% 499	95.1%	0.0% 0	0.0% 0	95.1%
	Chimney (10) 27,253 / 0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 3	2.9% 798	0.7% 200	0.0% 11	0.0% 0	0.0% 0	0.0% 0	96.3% 26,241	0.0% 0	96.3% 26,241
	Ignore* (11) 22,553,026 / 39.4%	12.8%	3.5%	0.4%	1.8%	15.3%	8.4%	1.4%	49.7%	5.4%	1.2%	0.0% 3,140	0.0% 0	0.0% 0
	precision	96.3%	88.4%	87.8%	79.1%	94.6%	89.4%	59.3%	99.2%	93.6%	90.1%	85.5% 26,241	nan% 0	92.3%
	F1 μ=89.9%	91.6%	91.0%	92.6%	82.0%	96.4%	91.2%	70.4%	96.4%	94.6%	92.5%	90.6%	nan%	
		Low Veg (0) 8,170,087 / 14.3%	Imp Surface (1) 5,118,655 / 8.9%	Vehicle (2) 331,613 / 0.6%	Urban Furn (3) 1,337,996 / 2.3%	Roof (4) 3,418,778 / 6.0%	Facade (5) 1,942,544 / 3.4%	Shrub (6) 1,438,906 / 2.5%	Tree (7) 7,350,854 / 12.8%	Soil / Gravel (8) 3,845,696 / 6.7%	Vertical (9) 1,707,956 / 3.0%	Chimney (10) 30,699 / 0.1%	Ignore (11) 0 / 0.0%	recall
	prediction													

prediction