

Confusion Matrix

ground truth	Low Veg. (0) 8,998,366 / 15.7%	86.8%	3.6%	0.1% 6,476	1.8%	0.2% 16,657	0.3% 31,445	0.8% 70,323	1.6%	3.5%	1.2%	0.0% 113	0.0% 0	86.8%
	Imp. Surface (1) 4,836,971 / 8.4%	4.6%	89.0%	0.4% 21,594	1.6% 77,605	0.3% 13,901	1.1% 50,852	0.0% 1,914	0.2% 7,724	2.2%	0.6% 27,980	0.0% 114	0.0% 0	89.0%
	Vehicle (2) 297,823 / 0.5%	0.1% 340	0.6% 1,855	94.2%	3.5% 10,479	0.1% 343	0.6% 1,880	0.2% 476	0.3% 518	0.3% 836	0.1% 429	0.0% 17	0.0% 0	94.2%
	Urban Furn. (3) 1,247,150 / 2.2%	2.0% 25,489	1.5% 18,835	1.2% 14,551	77.9%	1.8% 21,870	7.7% 96,508	4.1% 51,496	1.7% 21,190	0.2% 2,974	1.8% 22,297	0.0% 474	0.0% 0	77.9%
	Roof (4) 3,288,802 / 5.7%	0.5% 17,679	0.6% 18,525	0.1% 2,550	1.7% 56,601	92.6%	2.5% 81,397	0.1% 2,388	0.7% 22,667	0.1% 2,265	0.0% 974	1.2% 38,452	0.0% 0	92.6%
	Facade (5) 1,869,289 / 3.3%	0.2% 3,095	0.9% 16,667	0.1% 2,211	2.5% 47,124	1.5% 28,677	93.2%	0.1% 1,788	0.4% 6,923	0.0% 882	0.6% 11,080	0.4% 8,206	0.0% 0	93.2%
	Shrub (6) 983,758 / 1.7%	6.3% 62,454	0.3% 2,812	0.2% 1,696	12.3%	0.7% 6,465	2.9% 28,183	53.6%	16.4%	0.1% 790	7.2% 70,971	0.0% 311	0.0% 0	53.6%
	Tree (7) 7,778,555 / 13.6%	0.8% 58,508	0.0% 170	0.0% 3,400	0.3% 24,698	0.6% 44,331	0.6% 44,557	1.4%	95.4%	0.0% 622	0.8% 58,472	0.2% 17,457	0.0% 0	95.4%
	Soil / Gravel (8) 3,752,642 / 6.6%	5.2%	3.2%	0.1% 3,561	0.3% 9,901	0.0% 5	0.0% 333	0.0% 1,559	0.0% 131	91.1%	0.1% 3,429	0.0% 0	0.0% 0	91.1%
	Vertical (9) 1,640,584 / 2.9%	1.7% 28,066	0.4% 6,971	0.0% 529	0.8% 13,148	0.1% 1,156	1.2% 19,201	1.6% 25,946	2.1% 34,409	0.6% 9,095	91.6%	0.0% 16	0.0% 0	91.6%
	Chimney (10) 27,061 / 0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.5% 127	0.1% 31	0.0% 0	0.0% 4	0.0% 0	0.0% 0	99.4% 26,899	0.0% 0	99.4% 26,899
	Ignore* (11) 22,538,624 / 39.4%	27.8%	3.8%	0.7%	2.9%	11.6%	13.2%	4.2%	28.0%	1.5%	5.9%	0.4% 80,478	0.0% 0	0.0% 0
	precision	92.7%	89.3%	83.2%	64.9%	95.8%	83.1%	66.8%	94.9%	88.6%	83.1%	29.2% 26,899	nan% 0	89.4%
	F1 μ=81.5%	89.7%	89.2%	88.4%	70.8%	94.2%	87.9%	59.5%	95.2%	89.8%	87.1%	45.2%	nan%	
		Low Veg. (0) 8,424,689 / 14.1%	Imp. Surface (1) 4,820,185 / 8.4%	Vehicle (2) 337,218 / 0.6%	Urban Furn. (3) 1,497,793 / 2.6%	Roof (4) 3,178,836 / 5.6%	Facade (5) 2,097,023 / 3.7%	Shrub (6) 789,395 / 1.4%	Tree (7) 7,818,971 / 13.7%	Soil / Gravel (8) 3,857,323 / 6.7%	Vertical (9) 1,807,507 / 3.2%	Chimney (10) 92,035 / 0.2%	Ignore (11) 0 / 0.0%	recall
	prediction													