

Confusion Matrix

ground truth	Low Veg. (0) 8,988,752 / 15.7%	76.9%	10.7%	0.1% 7,373	1.4%	0.1% 5,996	0.3% 25,539	2.0%	0.8% 74,521	6.9%	0.8% 67,842	0.0% 7	0.0% 0	76.9%
	Imp. Surface (1) 4,841,751 / 8.5%	4.7%	88.9%	0.4% 21,460	1.0% 49,899	0.1% 4,848	1.0% 49,495	0.2% 9,872	0.1% 4,951	2.6%	0.9% 45,089	0.0% 6	0.0% 0	88.9%
	Vehicle (2) 296,205 / 0.5%	0.0% 51	0.1% 252	99.6%	0.1% 195	0.0% 8	0.0% 17	0.0% 79	0.0% 32	0.2% 460	0.0% 1	0.0% 0	0.0% 0	99.6%
	Urban Furn. (3) 1,247,455 / 2.2%	1.8% 22,959	1.2% 15,052	0.3% 4,036	86.8%	0.4% 5,422	2.0% 24,704	5.9% 73,588	0.9% 11,117	0.1% 1,394	0.6% 6,966	0.0% 21	0.0% 0	86.8%
	Roof (4) 3,291,803 / 5.8%	0.2% 6,938	0.1% 2,952	0.0% 986	0.4% 12,938	96.0%	1.7% 56,752	0.1% 4,227	0.9% 30,493	0.0% 301	0.0% 464	0.5% 16,263	0.0% 0	96.0%
	Facade (5) 1,873,535 / 3.3%	0.2% 3,515	0.9% 16,930	0.0% 594	1.5% 27,931	1.4% 26,891	94.4%	0.8% 14,595	0.6% 11,613	0.0% 29	0.1% 2,460	0.1% 1,214	0.0% 0	94.4%
	Shrub (6) 978,811 / 1.7%	2.2% 21,523	0.2% 2,115	0.1% 715	3.3% 32,033	0.3% 2,659	0.6% 5,386	90.1%	2.4% 23,519	0.1% 799	0.8% 7,997	0.0% 11	0.0% 0	90.1%
	Tree (7) 7,715,175 / 13.5%	0.3% 21,989	0.0% 119	0.0% 2,393	0.2% 14,798	0.1% 9,995	0.1% 7,745	1.5%	97.6%	0.1% 5,542	0.0% 3,432	0.0% 1,626	0.0% 0	97.6%
	Soil / Gravel (8) 3,754,197 / 6.8%	2.9%	0.9% 33,650	0.2% 6,971	0.5% 5,742	0.0% 6	0.0% 408	0.1% 3,737	845	95.7%	0.0% 1,836	0.0% 3	0.0% 0	95.7%
	Vertical (9) 1,643,078 / 2.9%	0.8% 13,314	0.8% 13,746	0.0% 120	0.2% 2,767	0.0% 84	0.2% 2,621	2.3% 37,521	0.2% 3,715	0.1% 966	95.4%	0.0% 3	0.0% 0	95.4%
	Chimney (10) 27,255 / 0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.1% 15	0.0% 1	0.0% 0	0.0% 6	0.0% 0	0.0% 0	99.9% 27,233	0.0% 0	99.9% 27,233
	Ignore* (11) 22,455,660 / 39.3%	25.6%	6.7%	0.9%	2.6%	11.8%	12.2%	6.5%	27.5%	1.1%	4.9%	0.2% 37,131	0.0% 0	0.0% 0
precision	94.2%	80.5%	86.9%	79.9%	98.3%	91.1%	66.5%	97.9%	82.6%	92.0%	58.7% 27,233	nan% 0	89.8%	
F1 μ=87.8%	84.7%	84.5%	92.8%	83.2%	97.1%	92.7%	76.5%	97.8%	88.7%	93.7%	74.0%	nan%		
	Low Veg (0) 7,339,021 / 12.9%	Imp. Surface (1) 5,346,982 / 9.4%	Vehicle (2) 339,759 / 0.6%	Urban Furn (3) 1,354,425 / 2.4%	Roof (4) 3,215,413 / 5.6%	Facade (5) 1,940,431 / 3.4%	Shrub (6) 1,326,692 / 2.3%	Tree (7) 7,691,512 / 13.5%	Soil / Gravel (8) 4,352,188 / 7.8%	Vertical (9) 1,704,308 / 3.0%	Chimney (10) 46,387 / 0.1%	Ignore (11) 0 / 0.0%	recall	
	76.9%	88.9%	99.6%	86.8%	96.0%	94.4%	90.1%	97.6%	95.7%	95.4%	99.9%	0.0%	76.9%	