

## Confusion Matrix

ground truth	Low Veg. (0) 8,998,160 / 15.7%	89.4%	3.2%	0.1% 5,170	1.7%	0.2% 21,203	0.3% 26,296	2.4%	1.1%	1.1%	0.5% 43,543	0.0% 25	0.0% 0	89.4%
	Imp. Surface (1) 4,837,423 / 8.5%	4.7%	90.9%	0.5% 23,084	1.6% 78,295	0.3% 13,563	0.9% 42,512	0.2% 7,350	0.1% 5,320	0.5% 24,767	0.4% 17,551	0.0% 11	0.0% 0	90.9%
	Vehicle (2) 297,386 / 0.5%	0.0% 90	0.1% 309	98.3%	1.2% 3,696	0.0% 21	0.0% 45	0.0% 58	0.1% 385	0.1% 364	0.0% 0	0.0% 0	0.0% 0	98.3%
	Urban Furn. (3) 1,243,386 / 2.2%	1.3% 16,632	1.2% 14,544	0.3% 3,687	86.8%	0.5% 5,955	3.1% 38,375	5.5% 67,911	1.0% 12,207	0.0% 359	0.3% 4,323	0.0% 1	0.0% 0	86.8%
	Roof (4) 3,293,581 / 5.8%	0.1% 3,614	0.1% 4,192	0.1% 2,481	1.0% 31,401	95.7%	1.5% 48,911	0.1% 4,284	0.9% 28,110	0.1% 1,750	0.0% 117	0.5% 16,610	0.0% 0	95.7%
	Facade (5) 1,872,888 / 3.3%	0.1% 2,222	1.0% 19,229	0.0% 493	2.7% 50,961	2.0% 37,935	93.1%	0.5% 9,806	0.4% 6,619	0.2% 32	0.1% 1,647	0.1% 1,002	0.0% 0	93.1%
	Shrub (6) 976,503 / 1.7%	2.5% 24,144	0.3% 2,686	0.0% 249	5.0% 48,733	0.4% 3,422	1.4% 13,578	85.1%	4.1% 40,206	0.0% 410	1.2% 12,040	0.0% 31	0.0% 0	85.1%
	Tree (7) 7,752,336 / 13.6%	0.2% 17,576	0.0% 127	0.0% 2,869	0.3% 22,535	0.2% 13,921	0.1% 11,017	2.4%	96.7%	0.0% 358	0.0% 1,702	0.0% 1,987	0.0% 0	96.7%
	Soil / Gravel (8) 3,751,697 / 6.6%	6.3%	2.7%	0.2% 7,251	0.2% 6,953	0.0% 1,260	0.3% 293	0.1% 3,842	3.66%	90.3%	0.0% 267	0.0% 320	0.0% 0	90.3%
	Vertical (9) 1,636,322 / 2.9%	1.6% 25,792	1.1% 17,450	0.0% 48	0.4% 7,186	0.0% 419	0.9% 14,659	3.0% 49,102	0.3% 4,914	0.0% 453	92.7%	0.0% 33	0.0% 0	92.7%
	Chimney (10) 26,950 / 0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.3% 83	0.1% 30	0.0% 0	0.1% 18	0.0% 0	0.0% 0	99.5% 26,819	0.0% 0	99.5% 26,819
	Ignore* (11) 22,521,136 / 39.4%	27.8%	4.2%	0.8%	3.4%	11.6%	12.2%	6.7%	28.6%	0.8%	3.8%	0.1% 32,315	0.0% 0	0.0% 0
precision	93.6%	90.8%	86.6%	73.0%	97.0%	89.9%	60.6%	97.3%	96.3%	94.9%	57.3% 26,819	nan% 0		92.2%
F1 μ=88.1%	91.5%	90.9%	92.1%	79.3%	96.3%	91.5%	70.8%	97.0%	93.2%	93.8%	72.7%	nan%		
	Low Veg (0) 8,602,693 / 15.0%	Imp. Surface (1) 4,844,182 / 8.5%	Vehicle (2) 337,750 / 0.6%	Urban Furn (3) 1,478,810 / 2.6%	Roof (4) 3,249,893 / 5.7%	Facade (5) 1,938,659 / 3.4%	Shrub (6) 1,370,831 / 2.4%	Tree (7) 7,700,126 / 13.5%	Soil / Gravel (8) 3,519,994 / 6.2%	Vertical (9) 1,597,450 / 2.8%	Chimney (10) 46,839 / 0.1%	Ignore (11) 0 / 0.0%	recall	
	prediction													

prediction