

## Confusion Matrix

ground truth	Low Veg. (0) 9,010,026 / 15.7%	92.0%	1.5%	0.0% 3,598	1.8%	0.3% 24,262	0.3% 31,101	2.2%	1.1%	0.3% 22,574	0.4% 38,649	0.0% 44	0.0% 0	92.0%
	Imp. Surface (1) 4,821,844 / 8.4%	9.0%	85.5%	0.4% 20,299	1.8% 87,687	0.3% 12,745	1.3% 60,275	0.3% 14,123	0.1% 5,933	0.5% 23,193	0.8% 38,076	0.0% 6	0.0% 0	85.5%
	Vehicle (2) 294,329 / 0.5%	0.4% 1,163	0.1% 364	93.0%	4.0% 11,825	0.1% 388	0.2% 224	2.0% 6,007	0.1% 403	0.1% 226	0.0% 48	0.0% 0	0.0% 0	93.0%
	Urban Furn. (3) 1,248,255 / 2.2%	1.5% 18,516	0.8% 9,665	0.5% 6,017	84.9%	0.8% 10,523	3.1% 38,102	6.6% 82,068	1.5% 19,340	0.0% 135	0.4% 4,420	0.0% 23	0.0% 0	84.9%
	Roof (4) 3,293,636 / 5.8%	0.3% 9,265	0.2% 4,976	0.0% 1,459	1.2% 40,975	95.3%	1.5% 50,964	0.1% 3,438	0.9% 28,353	0.0% 29	0.0% 191	0.5% 15,883	0.0% 0	95.3%
	Facade (5) 1,869,928 / 3.3%	0.2% 3,133	0.7% 12,996	1.2% 1,224	3.1% 57,249	2.1% 38,707	92.9%	0.3% 6,526	0.5% 9,474	1.0% 10	0.1% 1,760	0.1% 2,143	0.0% 0	92.9%
	Shrub (6) 979,100 / 1.7%	2.6% 25,311	0.2% 1,851	0.1% 501	5.3% 52,240	0.3% 2,690	1.1% 10,779	83.0%	6.6% 64,737	0.0% 475	0.8% 7,619	0.0% 36	0.0% 0	83.0%
	Tree (7) 7,773,488 / 13.6%	0.3% 25,577	0.0% 55	0.0% 735	0.4% 30,380	0.2% 14,914	0.2% 15,318	1.6%	97.2%	0.0% 67	0.0% 1,442	0.0% 2,523	0.0% 0	97.2%
	Soil / Gravel (8) 3,725,278 / 6.5%	24.1%	2.6% 97,734	2.8% 2,894	0.2% 7,152	0.1% 4,027	0.3% 331	0.2% 9,107	0.0% 1,143	72.6%	0.0% 243	0.0% 0	0.0% 0	72.6%
	Vertical (9) 1,630,190 / 2.8%	1.1% 18,175	0.7% 11,140	0.0% 128	0.5% 8,155	0.0% 356	0.6% 9,794	4.0% 65,633	0.8% 13,384	0.1% 2,153	92.1%	0.0% 4	0.0% 0	92.1%
Chimney (10) 27,136 / 0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 0	0.4% 114	0.1% 26	0.0% 3	0.0% 7	0.0% 0	0.0% 0	99.4% 26,986	0.0% 0	99.4% 26,986	
Ignore* (11) 22,568,776 / 39.4%	29.6%	3.3%	0.7%	3.6%	11.7%	12.3%	6.6%	27.1%	0.4% 85,741	4.5%	0.2% 41,257	0.0% 0	0.0% 0	
precision	85.2%	93.8%	88.1%	69.6%	96.7%	88.9%	61.3%	96.8%	98.2%	94.2%	56.6% 26,986	nan% 0	90.0%	
F1 μ=86.2%	88.5%	89.5%	90.5%	76.5%	96.0%	90.8%	70.5%	97.0%	83.5%	93.1%	72.2%	nan%		
	Low Veg (0) 9,722,271 / 17.0%	Imp. Surface (1) 4,395,276 / 7.7%	Vehicle (2) 310,530 / 0.5%	Urban Furn (3) 1,521,269 / 2.7%	Roof (4) 3,246,829 / 5.7%	Facade (5) 1,953,620 / 3.4%	Shrub (6) 1,325,330 / 2.3%	Tree (7) 7,804,397 / 13.6%	Soil / Gravel (8) 2,522,218 / 4.8%	Vertical (9) 1,593,716 / 2.8%	Chimney (10) 47,648 / 0.1%	Ignore (11) 0 / 0.0%	recall	
	Low Veg (0)	Imp. Surface (1)	Vehicle (2)	Urban Furn (3)	Roof (4)	Facade (5)	Shrub (6)	Tree (7)	Soil / Gravel (8)	Vertical (9)	Chimney (10)	Ignore (11)		