

# Confusion Matrix

ground truth	Low Veg. (0) 8,978,604 / 15.7%	Imp. Surface (1) 4,830,817 / 8.5%	Vehicle (2) 297,608 / 0.5%	Urban Furn. (3) 1,245,982 / 2.2%	Roof (4) 3,280,504 / 5.7%	Facade (5) 1,862,039 / 3.3%	Shrub (6) 970,980 / 1.7%	Tree (7) 7,760,382 / 13.6%	Soil / Gravel (8) 3,758,851 / 6.6%	Vertical (9) 1,632,900 / 2.9%	Chimney (10) 26,912 / 0.0%	Ignore* (11) 22,469,187 / 39.3%	precision	F1 $\mu=90.0\%$
	92.0%	2.9%	0.1% 5,407	1.2%	0.0% 3,169	0.3% 30,293	1.0% 93,660	0.4% 37,996	0.7% 59,209	1.4%	0.0% 3	0.0% 0	92.0%	
	4.3%	91.6%	0.3% 16,004	0.9% 44,206	0.1% 4,819	1.1% 52,315	0.1% 3,984	0.1% 3,947	0.4% 18,440	1.1% 51,176	0.0% 7	0.0% 0	91.6%	
	0.1% 203	0.2% 660	99.1%	0.3% 994	0.0% 8	0.0% 16	0.0% 106	0.0% 36	0.2% 480	0.0% 30	0.0% 0	0.0% 0	99.1%	
	2.4% 30,121	0.9% 11,240	0.2% 3,105	87.8%	0.4% 5,054	2.1% 26,486	4.4% 54,899	0.7% 9,076	0.0% 373	1.0% 12,162	0.0% 7	0.0% 0	87.8%	
	0.1% 4,439	0.1% 1,700	0.1% 1,916	0.8% 24,791	95.7%	1.8% 59,555	0.1% 4,633	0.9% 28,099	0.0% 1,372	0.1% 2,450	0.4% 12,329	0.0% 0	95.7%	
	0.3% 5,616	0.8% 15,000	0.0% 291	2.7% 50,097	1.3% 24,369	93.7%	0.3% 6,291	0.2% 4,396	0.0% 7	0.6% 10,856	0.0% 790	0.0% 0	93.7%	
	4.8% 47,040	0.2% 2,140	0.0% 164	3.8% 37,204	0.3% 2,446	0.7% 6,418	83.1%	3.0% 29,128	0.0% 295	4.1% 39,384	0.0% 13	0.0% 0	83.1%	
	0.6% 50,421	0.0% 89	0.0% 1,433	0.2% 12,407	0.1% 11,327	0.1% 11,364	1.4%	96.9%	0.0% 2,006	0.5% 41,755	0.0% 717	0.0% 0	96.9%	
	6.5%	2.2% 83,723	0.2% 8,232	0.2% 8,864	0.0% 29	0.0% 309	0.1% 1,124	0.1% 2,513	90.8%	0.0% 108	0.0% 13	0.0% 0	90.8%	
	1.0% 16,833	0.8% 13,038	0.0% 48	0.0% 738	0.0% 21	0.1% 1,932	0.5% 8,492	0.2% 2,654	0.0% 183	97.3%	0.0% 0	0.0% 0	97.3%	
	0.0% 0	0.0% 0	0.0% 0	0.0% 4	0.2% 54	0.0% 13	0.0% 0	0.0% 4	0.0% 0	0.0% 0	99.7% 26,837	0.0% 0	99.7% 26,837	
	30.1%	4.4%	0.7%	3.3%	11.5%	12.8%	5.5%	24.1%	0.4% 97,684	7.1%	0.1% 27,701	0.0% 0	0.0% 0	
	93.2%	91.9%	89.0%	79.4%	98.4%	90.2%	73.9%	98.5%	97.6%	85.0%	65.9% 26,837	nan% 0	93.3%	
	92.6%	91.8%	93.8%	83.4%	97.0%	91.9%	78.2%	97.7%	94.1%	90.7%	79.4%	nan%		
		Low Veg. (0) 8,867,894 / 15.5%	Imp. Surface (1) 4,816,007 / 8.4%	Vehicle (2) 331,615 / 0.6%	Urban Furn. (3) 1,316,407 / 2.4%	Roof (4) 3,190,516 / 5.6%	Facade (5) 1,933,027 / 3.4%	Shrub (6) 1,091,809 / 1.9%	Tree (7) 7,634,840 / 13.4%	Soil / Gravel (8) 3,493,538 / 6.1%	Vertical (9) 1,869,150 / 3.3%	Chimney (10) 40,710 / 0.1%	Ignore (11) 0 / 0.0%	recall

prediction