

# Confusion Matrix

ground truth	Low Veg. (0) 8,993,218 / 15.7%	Imp. Surface (1) 4,830,082 / 8.4%	Vehicle (2) 293,885 / 0.5%	Urban Furn. (3) 1,246,969 / 2.2%	Roof (4) 3,301,947 / 5.8%	Facade (5) 1,874,931 / 3.3%	Shrub (6) 980,436 / 1.7%	Tree (7) 7,753,897 / 13.6%	Soil / Gravel (8) 3,759,656 / 6.6%	Vertical (9) 1,644,665 / 2.9%	Chimney (10) 27,314 / 0.0%	Ignore* (11) 22,503,238 / 39.3%	precision	F1 $\mu=83.2\%$	recall
	88.8%	2.8%	0.0% 3,485	2.1%	0.2% 14,469	0.3% 25,945	2.8%	0.3% 27,046	2.1%	0.7% 62,101	0.0% 20	0.0% 0	88.8%		
	3.3%	92.0%	0.4% 17,606	1.4% 65,612	0.4% 19,886	1.1% 52,897	0.3% 12,681	1.58%	0.7% 34,556	0.5% 23,543	0.0% 749	0.0% 0	92.0%		
	0.0% 51	0.1% 376	94.8%	4.4% 12,813	0.2% 724	0.0% 93	0.2% 46	0.2% 638	0.2% 482	0.0% 0	0.0% 29	0.0% 0	94.8%		
	1.0% 12,496	0.9% 11,159	0.3% 3,909	87.9%	0.8% 9,540	2.3% 29,291	5.2% 64,644	0.7% 8,621	0.0% 443	0.2% 2,820	0.6% 7,689	0.0% 0	87.9%		
	0.1% 2,828	0.0% 1,116	0.1% 1,675	0.9% 29,496	96.1%	1.2% 39,552	0.3% 8,815	0.3% 9,542	0.0% 0	0.0% 1,347	1.1% 35,256	0.0% 0	96.1%		
	0.2% 3,611	0.7% 13,797	0.0% 582	4.8% 89,418	2.3% 43,953	87.9%	0.5% 8,879	0.1% 2,658	0.0% 32	0.2% 3,244	3.3% 61,614	0.0% 0	87.9%		
	2.0% 19,650	0.4% 3,936	0.0% 153	6.1% 59,710	0.2% 2,413	0.4% 4,004	87.9%	2.2% 21,389	0.0% 394	0.6% 5,963	0.1% 1,244	0.0% 0	87.9%		
	0.1% 10,367	0.0% 116	0.0% 203	0.3% 23,974	0.1% 6,600	0.0% 3,578	5.9%	93.1%	0.0% 731	0.2% 15,198	0.3% 20,459	0.0% 0	93.1%		
	3.7%	0.3% 12,244	0.2% 7,719	0.4% 15,674	0.0% 341	0.0% 367	0.1% 2,641	0.0% 997	95.2%	0.0% 8	0.0% 0	0.0% 0	95.2%		
	0.9% 14,980	1.1% 17,451	0.0% 110	0.7% 11,792	0.0% 351	2.2% 36,498	3.1% 51,193	0.3% 5,681	0.0% 363	91.6%	0.0% 23	0.0% 0	91.6%		
	0.0% 0	0.0% 0	0.0% 0	0.0% 6	0.7% 199	0.0% 2	0.0% 4	0.0% 0	0.0% 0	0.0% 0	99.2% 27,103	0.0% 0	99.2%	27,103	
	23.8%	4.4%	0.5%	12.5%	14.6%	5.8%	2.8%	31.7%	2.6%	1.1%	0.3% 62,453	0.0% 0	0.0% 0		
	95.7%	93.4%	88.7%	68.8%	97.0%	89.5%	50.2%	98.9%	94.1%	93.0%	17.6% 27,103	nan% 0	91.7%		
	92.1%	92.7%	91.7%	77.2%	96.5%	88.7%	63.9%	95.9%	94.7%	92.3%	29.9%	nan%			

prediction