Confusion Matrix

	Low Veg. (0) 12,816,410 / 20.5%	Imp. Surface (1) 4,530,590 / 7.2%	Vehicle (2) 535,422 / 0.9%	Urban Furn. (3) 2,157,760 / 3.5%	Roof (4) 3,789,993 / 6.1%	Facade (5) 2,866,384 / 4.6%	Shrub (6) 4,183,851 / 6.7%	Tree (7) 25,928,904 / 41.5%	Soil / Gravel (8) 3,534,386 / 5.7%	Vertical (9) 2,110,629 / 3.4%	Chimney (10) 66,736 / 0.1%	recall
Low Veg. (0) 12,403,195 / 19.8%	88.7%	1.8%	0.0% 2,914	1.1%	0.2% 20,903	0.7% 83,132	2.5%	3.5%	1.0%	0.5% 64,779	0.0% 2,173	88.7%
Imp. Surface (1) 5,167,363 / 8.3%	9.2%	80.0%	0.6% 29,470	1.1% 57,825	0.7% 36,762	1.9% 97,266	0.2% 12,286	0.6% 31,755	4.9%	0.6% 33,490	0.1% 3,478	80.0%
Vehicle (2) 508,199 / 0.8%	0.1% 644	0.8% 3,819	84.1%	10.2% 51,999	0.3% 1,407	0.6% 3,072	2.9% 14,572	1.0% 4,980	0.0% 6	0.0% 108	0.1% 429	84.1%
Urban Furn. (3) 2,003,515 / 3.2%	3.2% 63,693	1.0% 19,930	2.7% 54,919	64.8%	1.8% 35,792	9.2%	14.1% 43,829	2.2% 43,829	0.1% 2,112	0.7% 13,945	0.2% 3,454	64.8%
Roof (4) 4,055,064 / 6.5%	2.0% 81,659	0.6% 25,007	0.3% 12,253	2.6%	89.8%	2.1% 85,413	0.4% 15,136	1.5% 62,780	0.4% 17,474	0.0% 1,607	0.2% 8,533	89.8%
Facade (5) 2,710,624 / 4.3%	0.8% 21,743	0.9% 23,050	0.2% 4,796	7.8%	1.5% 39,547	84.8%	0.9% 23,275	1.0% 27,165	0.1% 3,957	1.7% 45,696	0.5% 12,451	84.8%
Shrub (6) 2,682,006 / 4.3%	4.7%	0.1% 1,460	0.1% 1,873	6.2%	0.1% 3,360	0.7% 17,745	77.5%	10.0%	0.0% 272	0.8% 20,687	0.0% 158	77.5%
Tree (7) 26,564,875 / 42.5%	0.4%	0.0% 133	0.0% 847	0.3% 87,709	0.0% 4,781	0.0% 9,338	5.2%	93.9%	0.0% 7	0.1% 18,038	0.0% 5,515	93.9%
Soil / Gravel (8) 4,161,312 / 6.7%	21.4%	2.3% 96,625	0.0% 1,030	0.2% 8,702	0.1% 5,126	0.0% 1,869	0.2% 7,931	0.3% 13,715	75.2%	0.1% 4,213	0.0% 658	75.2%
Vertical (9) 2,231,162 / 3.6%	1.6% 36,516	0.4% 7,816	0.0% 157	1.5% 33,823	0.0% 996	3.8% 85,114	3.0% 67,963	4.0% 89,350	0.1% 1,290	85.5%	0.0% 80	85.5%
Chimney (10) 33,750 / 0.1%	0.1% 47	0.0% 0	0.0% 0	1.3% 436	4.5% 1,532	1.0% 354	4.3% 1,437	0.3% 112	0.0% 16	0.0% 9	88.3% 29,807	88.3% 29,807
precision	85.9%	91.2%	79.8%	60.1%	96.0%	80.2%	49.7%	96.2%	88.6%	90.4%	44.7% 29,807	87.8%
F1 μ=79.6%	87.3%	85.2%	81.9%	62.4%	92.8%	82.4%	60.5%	95.1%	81.3%	87.9%	59.3%	

ground truth

prediction