

Confusion Matrix

ground truth

Low Veg. (0) 1,322,085 / 13.7%	85.7%	1.6% 21,224	0.0% 586	1.8% 24,388	0.1% 970	0.8% 10,167	4.8% 63,820	3.6% 47,634	1.3% 16,849	0.2% 2,861	0.0% 186	85.7%
Imp. Surface (1) 954,857 / 9.9%	11.5%	74.3%	1.3% 12,455	2.5% 24,048	1.8% 17,033	3.9% 37,558	0.4% 3,645	0.8% 7,997	2.8% 26,358	0.5% 5,053	0.1% 1,094	74.3%
Vehicle (2) 170,122 / 1.8%	1.8% 3,002	12.4% 21,123	37.2% 63,259	29.8% 50,706	2.4% 4,163	6.6% 11,274	3.2% 5,454	5.7% 9,735	0.4% 603	0.4% 670	0.1% 133	37.2% 63,259
Urban Furn. (3) 501,134 / 5.2%	2.8% 14,106	2.7% 13,497	2.9% 14,720	51.8%	1.7% 8,637	9.0% 44,939	12.0% 59,915	13.4% 67,387	0.1% 311	3.1% 15,679	0.4% 2,254	51.8%
Roof (4) 1,085,220 / 11.3%	1.2% 12,500	1.9% 20,677	0.4% 4,585	1.9% 20,202	88.1%	2.3% 24,606	0.2% 1,678	0.8% 8,928	3.0% 33,004	0.0% 189	0.2% 2,278	88.1%
Facade (5) 728,808 / 7.6%	0.8% 5,998	1.2% 8,883	0.4% 3,001	9.6% 69,900	2.3% 16,446	80.7%	0.9% 6,723	1.6% 11,762	0.2% 1,412	1.9% 13,555	0.4% 2,879	80.7%
Shrub (6) 408,253 / 4.2%	3.6% 14,794	0.1% 229	0.3% 1,162	8.4% 34,238	0.1% 270	1.1% 4,390	69.0%	16.6% 67,895	0.0% 63	0.8% 3,359	0.0% 2	69.0%
Tree (7) 4,138,163 / 43.0%	0.5% 21,849	0.0% 8	0.0% 461	0.4% 16,265	0.0% 788	0.1% 3,374	5.9%	93.0%	0.0% 1	0.1% 2,952	0.0% 1,443	93.0%
Soil / Gravel (8) 157,890 / 1.6%	68.7%	10.1% 15,943	0.0% 7	1.2% 1,914	0.4% 626	1.1% 1,732	1.2% 1,852	0.3% 440	17.0% 26,829	0.0% 10	0.1% 81	17.0% 26,829
Vertical (9) 148,051 / 1.5%	0.2% 328	0.9% 1,329	0.4% 606	4.5% 6,621	0.1% 200	20.2% 29,873	0.4% 578	1.2% 1,716	0.0% 7	72.1%	0.0% 63	72.1%
Chimney (10) 12,721 / 0.1%	0.1% 15	0.0% 0	1.5% 195	6.8% 865	6.6% 845	2.1% 269	3.5% 441	0.1% 8	0.1% 8	0.0% 0	79.2% 10,075	79.2% 10,075
precision	79.6%	87.3%	62.6% 63,259	51.0%	95.0%	77.8%	42.1%	94.5%	25.4% 26,829	70.7%	49.2% 10,075	82.9%
F1 $\mu=66.4\%$	82.5%	80.3%	46.7%	51.4%	91.5%	79.2%	52.3%	93.7%	20.4%	71.4%	60.7%	

prediction

Low Veg. (0)
1,424,168 / 14.8%
Imp. Surface (1)
812,809 / 8.4%
Vehicle (2)
101,037 / 1.0%
Urban Furn. (3)
506,836 / 5.2%
Roof (4)
1,006,551 / 10.5%
Facade (5)
756,431 / 7.9%
Shrub (6)
670,026 / 7.0%
Tree (7)
4,070,455 / 42.3%
Soil / Gravel (8)
105,445 / 1.1%
Vertical (9)
151,058 / 1.6%
Chimney (10)
20,488 / 0.2%