

Confusion Matrix

ground truth

Low Veg. (0) 1,322,085 / 13.7%	85.5%	4.7% 61,880	0.0% 99	2.1% 28,095	0.1% 1,195	1.0% 12,907	4.4% 58,568	1.1% 14,020	0.8% 10,382	0.4% 5,130	0.0% 11	85.5%
Imp. Surface (1) 954,857 / 9.9%	5.7% 54,559	84.4%	0.1% 786	2.7% 25,377	2.3% 21,501	3.4% 32,100	0.1% 1,214	0.0% 103	0.3% 2,455	1.1% 10,804	0.0% 219	84.4%
Vehicle (2) 170,122 / 1.8%	0.2% 371	15.0% 23,460	31.2% 53,066	34.2% 58,207	4.3% 7,349	7.7% 13,180	2.2% 3,769	3.7% 6,301	0.1% 237	1.3% 2,172	0.0% 10	31.2% 53,066
Urban Furn. (3) 501,134 / 5.2%	1.8% 9,089	4.0% 20,125	0.8% 3,843	59.8%	4.5% 22,357	12.8% 64,315	6.4% 32,135	5.2% 26,158	0.0% 163	4.4% 21,869	0.3% 1,555	59.8%
Roof (4) 1,085,220 / 11.3%	0.2% 2,191	2.2% 23,592	0.0% 266	0.8% 9,151	93.8%	1.7% 18,196	0.1% 895	0.4% 4,379	0.2% 2,532	0.1% 949	0.5% 4,961	93.8%
Facade (5) 728,808 / 7.6%	0.3% 2,499	1.5% 10,751	0.1% 930	6.1% 44,540	2.2% 15,870	86.3%	0.5% 3,911	0.3% 2,072	0.0% 42	2.5% 18,280	0.1% 748	86.3%
Shrub (6) 408,253 / 4.2%	2.4% 9,707	0.5% 1,952	0.2% 725	9.4% 38,557	0.4% 1,801	2.6% 10,629	57.9%	25.6%	0.0% 66	1.0% 3,986	0.0% 11	57.9%
Tree (7) 4,138,163 / 43.0%	0.6% 26,406	0.0% 26	0.0% 1,204	0.4% 15,375	0.1% 2,988	0.1% 5,402	2.5% 170	96.1%	0.0% 170	0.1% 2,492	0.1% 3,187	96.1%
Soil / Gravel (8) 157,890 / 1.6%	58.4% 92,282	20.7% 32,676	0.0% 28	3.2% 4,986	0.0% 64	0.7% 1,046	1.6% 2,570	0.0% 4	15.3% 24,176	0.0% 56	0.0% 2	15.3% 24,176
Vertical (9) 148,051 / 1.5%	0.2% 311	2.0% 2,918	0.0% 66	5.3% 7,812	0.2% 307	15.0% 22,260	0.0% 19	0.1% 124	0.0% 0	77.1%	0.0% 32	77.1%
Chimney (10) 12,721 / 0.1%	0.0% 0	0.0% 0	0.1% 7	3.7% 467	3.4% 432	1.6% 207	0.0% 0	0.0% 5	0.0% 0	0.0% 0	91.2% 11,603	91.2% 11,603
precision	85.1%	81.8%	87.0% 53,066	56.3%	93.2%	77.7%	53.2%	96.2%	60.1% 24,176	63.5%	51.9% 11,603	86.2%
F1 $\mu=69.0\%$	85.3%	83.1%	45.9%	58.0%	93.5%	81.8%	55.5%	96.1%	24.4%	69.6%	66.2%	

prediction

Low Veg. (0)
1,322,213 / 13.8%
Imp. Surface (1)
985,119 / 10.2%
Vehicle (2)
61,020 / 0.6%
Urban Furn. (3)
532,092 / 5.5%
Roof (4)
1,091,972 / 11.3%
Facade (5)
809,407 / 8.4%
Shrub (6)
444,565 / 4.6%
Tree (7)
4,133,414 / 42.9%
Soil / Gravel (8)
40,223 / 0.4%
Vertical (9)
179,940 / 1.9%
Chimney (10)
22,339 / 0.2%