

Confusion Matrix

ground truth

Low Veg. (0) 1,322,085 / 13.7%	83.9%	4.5% 59,953	0.0% 256	3.7% 49,535	0.0% 202	0.4% 5,733	4.2% 56,027	0.5% 7,107	2.5% 32,976	0.1% 1,106	0.0% 13	83.9%
Imp. Surface (1) 954,857 / 9.9%	6.7% 63,528	83.1%	0.2% 2,023	4.0% 38,667	1.4% 13,074	2.7% 25,493	0.4% 3,934	0.1% 1,009	0.7% 6,604	0.7% 6,941	0.0% 31	83.1%
Vehicle (2) 170,122 / 1.8%	0.8% 1,442	14.6% 24,822	35.8% 60,938	36.2% 61,574	2.1% 3,496	6.8% 11,560	1.0% 1,754	1.8% 3,031	0.5% 770	0.4% 701	0.0% 34	35.8% 60,938
Urban Furn. (3) 501,134 / 5.2%	1.5% 7,469	3.3% 16,770	1.2% 5,880	60.8%	4.9% 24,491	15.6% 77,934	5.7% 28,781	5.4% 26,880	0.0% 61	1.2% 5,915	0.4% 2,021	60.8%
Roof (4) 1,085,220 / 11.3%	0.3% 2,861	1.3% 14,429	0.4% 4,443	1.5% 16,054	90.8%	3.6% 39,147	0.1% 571	0.6% 6,942	0.8% 8,847	0.0% 284	0.6% 6,645	90.8%
Facade (5) 728,808 / 7.6%	0.3% 1,980	1.8% 13,402	0.1% 1,015	13.8%	2.1% 15,625	80.4%	0.3% 2,298	0.3% 2,192	0.0% 353	0.7% 4,884	0.1% 666	80.4%
Shrub (6) 408,253 / 4.2%	3.1% 12,540	0.2% 803	0.3% 1,374	18.6% 75,801	0.2% 1,001	0.9% 3,546	58.6%	17.7% 72,323	0.0% 5	0.3% 1,202	0.1% 319	58.6%
Tree (7) 4,138,163 / 43.0%	1.0% 40,790	0.0% 21	0.0% 1,137	0.7% 29,445	0.1% 2,124	0.1% 3,572	4.2% 42,000	93.8%	0.0% 20	0.0% 877	0.1% 3,498	93.8%
Soil / Gravel (8) 157,890 / 1.6%	53.9% 85,026	21.6% 34,168	0.0% 12	2.6% 4,170	0.0% 0	0.4% 704	1.1% 1,692	0.0% 5	20.3% 32,099	0.0% 14	0.0% 0	20.3% 32,099
Vertical (9) 148,051 / 1.5%	0.1% 116	2.9% 4,340	0.5% 764	5.5% 8,090	0.2% 284	34.2% 50,694	0.0% 33	0.0% 19	0.0% 11	56.5% 83,680	0.0% 20	56.5% 83,680
Chimney (10) 12,721 / 0.1%	0.0% 0	0.0% 0	0.3% 41	5.7% 729	2.4% 299	2.2% 275	0.2% 29	0.8% 100	0.0% 0	0.0% 0	88.4% 11,248	88.4% 11,248
precision	83.7%	82.5%	78.2% 60,938	44.2%	94.2%	72.8%	46.9%	97.0%	39.3% 32,099	79.2% 83,680	45.9% 11,248	84.0%
F1 $\mu=67.0\%$	83.8%	82.8%	49.1%	51.2%	92.5%	76.4%	52.1%	95.4%	26.8%	66.0%	60.4%	

prediction