

Confusion Matrix

ground truth

Low Veg. (0) 1,322,085 / 13.7%	84.9%	7.2% 94,964	0.1% 1,413	0.7% 9,738	0.0% 376	0.4% 5,475	2.2% 28,825	1.2% 15,576	3.0% 39,053	0.4% 4,643	0.0% 34	84.9%
Imp. Surface (1) 954,857 / 9.9%	6.7% 63,825	85.6%	1.2% 11,183	1.1% 10,090	2.0% 19,120	1.9% 18,127	0.2% 1,987	0.0% 102	0.2% 1,784	1.2% 11,389	0.0% 267	85.6%
Vehicle (2) 170,122 / 1.8%	0.7% 1,109	14.6% 24,881	65.6%	11.6% 19,690	2.5% 4,284	1.8% 3,088	0.1% 137	0.9% 1,582	1.1% 1,941	0.8% 1,429	0.2% 311	65.6%
Urban Furn. (3) 501,134 / 5.2%	3.6% 17,909	5.9% 29,468	12.0% 59,991	42.8%	3.4% 17,138	13.9% 69,717	10.1% 50,687	5.3% 26,804	0.2% 1,001	2.5% 12,706	0.3% 1,304	42.8%
Roof (4) 1,085,220 / 11.3%	0.9% 10,094	1.2% 13,356	0.7% 7,120	0.7% 7,572	93.1%	1.7% 18,305	0.1% 870	0.4% 4,399	0.7% 7,806	0.1% 671	0.4% 4,517	93.1%
Facade (5) 728,808 / 7.6%	0.8% 6,073	2.7% 19,620	2.1% 15,485	6.4% 46,441	3.1% 22,926	79.3%	1.7% 12,223	0.4% 2,872	0.0% 93	3.3% 23,972	0.2% 1,211	79.3%
Shrub (6) 408,253 / 4.2%	4.8% 19,436	0.6% 2,267	1.2% 4,865	4.1% 16,581	0.4% 1,597	0.8% 3,350	65.0%	21.7% 88,464	0.1% 209	1.4% 5,667	0.1% 254	65.0%
Tree (7) 4,138,163 / 43.0%	0.9% 38,974	0.0% 73	0.2% 7,249	0.2% 6,208	0.1% 3,589	0.1% 2,354	1.8% 76,194	96.6%	0.0% 521	0.1% 4,439	0.1% 3,137	96.6%
Soil / Gravel (8) 157,890 / 1.6%	50.7% 80,059	30.5% 48,191	0.1% 169	1.3% 2,048	0.1% 133	0.4% 615	0.9% 1,460	0.0% 13	16.0% 25,191	0.0% 3	0.0% 0	16.0% 25,191
Vertical (9) 148,051 / 1.5%	0.2% 343	3.2% 4,685	1.1% 1,675	2.5% 3,714	0.3% 372	17.6% 26,084	0.1% 127	0.1% 196	0.0% 0	74.8%	0.1% 125	74.8%
Chimney (10) 12,721 / 0.1%	0.0% 0	0.0% 0	1.0% 127	0.9% 118	4.1% 516	1.0% 125	0.2% 30	0.7% 91	0.0% 0	0.1% 7	92.0% 11,707	92.0% 11,707
precision	82.5%	77.5%	50.5%	63.7%	93.5%	79.7%	60.6%	96.6%	32.5% 25,191	63.0%	51.2% 11,707	85.8%
F1 $\mu=69.2\%$	83.7%	81.3%	57.1%	51.2%	93.3%	79.5%	62.8%	96.6%	21.4%	68.4%	65.8%	

prediction