

Confusion Matrix

ground truth

Low Veg. (0) 292,308 / 18.2%	91.7%	2.3% 6,601	0.0% 81	1.4% 4,200	0.0% 0	0.4% 1,305	2.8% 8,242	0.9% 2,544	0.4% 1,137	0.1% 252	0.0% 3	91.7%
Imp. Surface (1) 197,956 / 12.3%	7.7% 15,302	85.9%	1.2% 2,442	1.0% 1,905	0.3% 569	1.5% 3,015	0.2% 390	0.1% 105	1.9% 3,830	0.2% 433	0.0% 8	85.9%
Vehicle (2) 19,187 / 1.2%	0.5% 101	0.1% 21	71.6% 13,743	19.5% 3,734	2.7% 510	1.5% 282	3.5% 675	0.6% 121	0.0% 0	0.0% 0	0.0% 0	71.6% 13,743
Urban Furn. (3) 78,043 / 4.9%	3.1% 2,453	1.7% 1,327	7.1% 5,519	57.7% 45,049	4.1% 3,167	6.3% 4,881	11.1% 8,680	3.7% 2,911	0.0% 11	5.0% 3,912	0.2% 133	57.7% 45,049
Roof (4) 164,951 / 10.3%	0.6% 938	1.1% 1,869	0.0% 73	2.1% 3,396	93.0%	1.9% 3,184	0.2% 356	0.5% 762	0.1% 181	0.0% 57	0.4% 741	93.0%
Facade (5) 116,855 / 7.3%	0.6% 724	1.1% 1,290	0.1% 116	8.4% 9,850	2.2% 2,578	84.6% 98,873	0.9% 1,036	0.8% 893	0.0% 4	1.0% 1,222	0.2% 269	84.6% 98,873
Shrub (6) 73,314 / 4.6%	3.3% 2,454	0.1% 41	0.1% 40	7.5% 5,516	0.4% 266	0.5% 346	78.6% 57,622	8.6% 6,311	0.0% 3	1.0% 708	0.0% 7	78.6% 57,622
Tree (7) 588,393 / 36.6%	0.1% 763	0.0% 1	0.0% 83	0.3% 2,032	0.0% 250	0.0% 223	1.9% 11,457	97.5%	0.0% 4	0.0% 1	0.0% 45	97.5%
Soil / Gravel (8) 45,052 / 2.8%	39.6% 17,834	22.3% 10,027	0.0% 9	4.1% 1,827	0.3% 142	0.3% 117	0.5% 218	0.0% 3	32.2% 14,516	0.8% 359	0.0% 0	32.2% 14,516
Vertical (9) 31,043 / 1.9%	1.2% 361	2.3% 714	0.5% 141	5.7% 1,754	0.0% 4	5.8% 1,800	0.4% 138	0.3% 96	0.0% 0	83.8% 26,028	0.0% 7	83.8% 26,028
Chimney (10) 1,740 / 0.1%	0.0% 0	0.1% 1	0.2% 4	2.2% 39	1.0% 17	0.9% 15	0.0% 0	0.0% 0	0.0% 0	0.0% 0	95.6% 1,664	95.6% 1,664
precision	86.7%	88.6%	61.8% 13,743	56.8% 45,049	95.3%	86.7% 98,873	64.9% 57,622	97.7%	73.7% 14,516	78.9% 26,028	57.8% 1,664	88.4%
F1 $\mu=77.0\%$	89.1%	87.2%	66.3%	57.3%	94.2%	85.6%	71.1%	97.6%	44.8%	81.3%	72.1%	

prediction