

Confusion Matrix

ground truth

Low Veg. (0) 1,322,085 / 13.7%	85.5%	2.9% 38,332	0.0% 17	5.6% 74,622	0.0% 80	0.9% 12,424	3.4% 45,079	1.2% 16,015	0.1% 1,029	0.3% 3,982	0.0% 151	85.5%
Imp. Surface (1) 954,857 / 9.9%	11.4%	75.6%	0.0% 207	5.2% 49,982	0.5% 4,602	6.3% 60,106	0.2% 2,135	0.0% 378	0.2% 2,185	0.5% 4,660	0.1% 581	75.6%
Vehicle (2) 170,122 / 1.8%	1.1% 1,894	10.3% 17,471	11.1% 18,875	60.9%	0.5% 802	10.7% 18,152	2.1% 3,516	1.5% 2,565	0.0% 0	0.8% 1,446	1.1% 1,806	11.1% 18,875
Urban Furn. (3) 501,134 / 5.2%	2.4% 11,948	1.6% 8,213	0.4% 1,817	64.2%	0.5% 2,390	13.2% 66,013	5.9% 29,785	4.9% 24,574	0.0% 1	5.1% 25,404	1.9% 9,288	64.2%
Roof (4) 1,085,220 / 11.3%	1.0% 11,347	4.6% 49,559	0.6% 7,022	4.7% 51,241	84.4%	2.5% 26,928	0.2% 2,028	0.6% 6,446	0.1% 1,471	0.0% 248	1.2% 12,926	84.4%
Facade (5) 728,808 / 7.6%	0.6% 4,194	1.1% 7,767	0.2% 1,521	14.6%	0.7% 5,225	77.3%	0.8% 5,589	0.6% 4,151	0.0% 0	2.9% 21,263	1.3% 9,521	77.3%
Shrub (6) 408,253 / 4.2%	2.7% 10,971	0.1% 408	0.0% 116	18.7% 76,340	0.0% 67	0.8% 3,252	58.7%	18.3% 74,814	0.0% 0	0.5% 2,237	0.1% 460	58.7%
Tree (7) 4,138,163 / 43.0%	0.7% 29,419	0.0% 0	0.0% 413	0.7% 27,147	0.0% 254	0.1% 2,887	2.5%	95.5%	0.0% 0	0.1% 4,874	0.4% 17,485	95.5%
Soil / Gravel (8) 157,890 / 1.6%	67.3%	18.5% 29,216	0.0% 3	4.3% 6,746	0.0% 32	0.8% 1,247	0.5% 769	0.0% 5	8.6% 13,587	0.0% 5	0.0% 6	8.6% 13,587
Vertical (9) 148,051 / 1.5%	0.3% 406	0.4% 633	0.0% 20	3.3% 4,830	0.0% 68	27.6% 40,812	0.0% 27	0.1% 135	0.0% 0	68.1%	0.2% 324	68.1%
Chimney (10) 12,721 / 0.1%	0.0% 1	0.0% 0	1.3% 160	1.9% 246	2.0% 250	3.8% 478	1.0% 121	0.7% 95	0.0% 0	0.0% 1	89.4% 11,369	89.4% 11,369
precision	79.9%	82.6%	62.6% 18,875	39.1%	98.5%	70.8%	55.4%	96.8%	74.4% 13,587	61.1%	17.8% 11,369	83.0%
F1 $\mu=59.7\%$	82.6%	78.9%	18.8%	48.6%	90.9%	73.9%	57.0%	96.2%	15.4%	64.4%	29.7%	

prediction