

# Confusion Matrix

ground truth

Low Veg. (0) 806,207 / 12.3%	93.7%	1.7% 13,614	0.0% 113	0.7% 5,836	0.0% 21	0.4% 2,857	2.3% 18,798	0.4% 3,311	0.6% 4,924	0.1% 1,103	0.0% 0	0.0% 0	93.7%
Imp. Surface (1) 648,029 / 9.9%	9.1% 58,942	76.5%	0.2% 1,352	1.2% 7,797	8.9% 57,564	1.7% 11,187	0.2% 1,059	0.1% 640	1.8% 11,352	0.4% 2,483	0.0% 1	0.0% 0	76.5%
Vehicle (2) 37,005 / 0.6%	1.5% 573	0.6% 223	48.9% 18,085	33.8% 12,504	5.5% 2,033	5.0% 1,832	4.7% 1,722	0.0% 1	0.0% 1	0.1% 31	0.0% 0	0.0% 0	48.9% 18,085
Urban Furn. (3) 198,365 / 3.0%	4.6% 9,085	1.9% 3,751	0.4% 813	50.0% 99,118	5.5% 10,990	9.7% 19,232	16.7% 33,127	8.5% 16,860	0.0% 36	2.0% 4,026	0.7% 1,327	0.0% 0	50.0% 99,118
Roof (4) 484,335 / 7.4%	0.6% 2,696	0.4% 1,944	0.2% 886	2.6% 12,510	91.1%	2.2% 10,836	0.7% 3,325	1.7% 8,273	0.1% 435	0.0% 82	0.4% 2,080	0.0% 0	91.1%
Facade (5) 302,820 / 4.6%	0.7% 2,026	1.0% 3,177	0.1% 267	5.2% 15,696	3.4% 10,252	86.5%	1.0% 2,989	1.7% 5,068	0.0% 2	0.4% 1,242	0.1% 164	0.0% 0	86.5%
Shrub (6) 127,469 / 1.9%	5.5% 7,044	0.1% 107	0.0% 50	6.5% 8,328	0.5% 692	1.4% 1,830	73.0% 93,105	11.8% 15,096	0.0% 39	0.9% 1,178	0.0% 0	0.0% 0	73.0% 93,105
Tree (7) 849,176 / 12.9%	0.2% 1,641	0.0% 34	0.0% 6	0.3% 2,639	0.1% 617	0.1% 1,204	3.0% 25,549	96.3%	0.0% 0	0.0% 76	0.0% 0	0.0% 0	96.3%
Soil / Gravel (8) 134,394 / 2.0%	38.9% 52,274	21.0% 28,275	0.1% 172	1.9% 2,600	0.0% 0	0.2% 264	0.4% 536	0.0% 0	36.7% 49,296	0.7% 977	0.0% 0	0.0% 0	36.7% 49,296
Vertical (9) 83,532 / 1.3%	1.9% 1,593	1.3% 1,100	0.0% 0	4.6% 3,809	1.7% 1,400	41.7% 34,856	3.4% 2,807	0.9% 746	0.0% 0	44.6% 37,221	0.0% 0	0.0% 0	44.6% 37,221
Chimney (10) 6,604 / 0.1%	0.0% 0	0.0% 0	0.0% 0	1.8% 116	6.7% 440	0.7% 45	0.0% 0	0.3% 22	0.0% 0	0.0% 0	90.6% 5,981	0.0% 0	90.6% 5,981
Ignore* (11) 2,888,704 / 44.0%	14.4%	5.7%	0.6% 18,525	5.3%	17.6%	23.9%	6.3%	23.5%	0.5% 15,149	1.8% 52,263	0.4% 12,138	0.0% 0	0.0% 0
precision	84.8%	90.5%	83.2% 18,085	58.0% 99,118	84.0%	75.7%	50.9% 93,105	94.2%	74.6% 49,296	76.9% 37,221	62.6% 5,981	nan% 0	83.6%
F1 $\mu=71.8\%$	89.0%	82.9%	61.6%	53.7%	87.4%	80.7%	60.0%	95.2%	49.2%	56.4%	74.0%	nan%	

prediction