

Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	6.5% 58,848	78.3%	1.0% 9,235	1.0% 9,034	0.1% 1,057	0.3% 2,352	0.1% 889	0.5% 4,418	11.6%	0.6% 5,806	0.0% 0	0.0% 0	6.5% 58,848
Imp. Surface (1) 833,163 / 10.3%	6.1% 50,500	86.7%	0.5% 3,766	1.1% 9,205	0.8% 6,336	0.3% 2,630	0.1% 831	0.9% 7,268	2.5% 20,976	1.1% 8,927	0.0% 0	0.0% 0	86.7%
Vehicle (2) 96,807 / 1.2%	10.5% 10,209	21.8% 21,140	23.2% 22,415	8.7% 8,389	1.5% 1,435	1.7% 1,625	3.9% 3,757	25.5% 24,645	1.1% 1,027	2.2% 2,165	0.0% 0	0.0% 0	23.2% 22,415
Urban Furn. (3) 269,121 / 3.3%	7.6% 20,480	5.5% 14,733	6.5% 17,376	15.8% 42,585	3.0% 8,143	5.3% 14,389	21.7% 58,301	30.1% 81,129	0.2% 452	4.3% 11,504	0.0% 29	0.0% 0	15.8% 42,585
Roof (4) 877,490 / 10.8%	1.2% 10,866	10.9% 95,600	0.2% 2,009	1.8% 16,166	76.8%	1.4% 12,471	0.3% 2,556	6.6% 58,157	0.3% 2,606	0.2% 1,617	0.1% 1,292	0.0% 0	76.8%
Facade (5) 500,492 / 6.2%	2.9% 14,701	1.8% 9,071	0.2% 976	3.4% 16,863	1.9% 9,728	68.1%	2.9% 14,739	10.7% 53,369	0.0% 193	8.0% 39,815	0.0% 41	0.0% 0	68.1%
Shrub (6) 182,133 / 2.2%	4.2% 7,567	2.0% 3,565	11.7% 21,243	23.1% 42,100	1.9% 3,389	2.3% 4,274	10.5% 19,195	42.2% 76,880	0.1% 167	2.1% 3,751	0.0% 2	0.0% 0	10.5% 19,195
Tree (7) 1,067,121 / 13.2%	1.0% 10,783	0.2% 2,528	0.2% 2,173	1.2% 13,154	1.0% 10,842	1.6% 16,701	1.4% 14,550	92.7%	0.0% 206	0.6% 6,560	0.0% 45	0.0% 0	92.7%
Soil / Gravel (8) 131,349 / 1.6%	1.8% 2,320	85.9%	0.2% 246	0.2% 314	0.0% 0	0.0% 24	0.1% 15	0.1% 191	11.6% 15,270	0.1% 147	0.0% 0	0.0% 0	11.6% 15,270
Vertical (9) 103,575 / 1.3%	4.6% 4,776	1.5% 1,521	0.1% 129	0.5% 559	0.1% 110	5.8% 6,019	1.2% 1,294	7.3% 7,512	3.4% 3,561	75.4% 78,094	0.0% 0	0.0% 0	75.4% 78,094
Chimney (10) 8,971 / 0.1%	1.4% 124	0.5% 46	0.0% 0	3.7% 329	6.9% 623	0.2% 20	2.5% 222	13.0% 1,166	0.3% 28	1.4% 130	70.0% 6,283	0.0% 0	70.0% 6,283
Ignore* (11) 3,126,819 / 38.6%	6.9% 19,634	17.1%	0.6% 19,634	3.8% 15,698	4.0% 15,813	10.0% 71,583	4.4% 401,501	47.7%	1.1% 35,278	4.4% 156,351	0.0% 1,065	0.0% 0	0.0% 0
precision	30.8% 58,848	42.6%	28.2% 22,415	26.8% 42,585	94.2%	84.9%	16.5% 19,195	75.9%	10.2% 15,270	49.3% 78,094	81.7% 6,283	nan%	59.6%
F1 $\mu=46.9\%$	10.7%	57.1%	25.4%	19.9%	84.6%	75.6%	12.9%	83.5%	10.8%	59.6%	75.4%	nan%	

prediction