

# Confusion Matrix

ground truth

Low Veg. (0) 910,596 / 11.2%	86.2%	4.9%	0.1%	1.3%	0.8%	0.7%	3.7%	0.4%	1.6%	0.4%	0.0%	0.0%	86.2%
Imp. Surface (1) 833,163 / 10.3%	8.0%	81.6%	0.9%	2.5%	0.7%	2.4%	0.4%	0.6%	1.2%	1.8%	0.0%	0.0%	81.6%
Vehicle (2) 96,807 / 1.2%	1.3%	14.0%	33.0%	29.4%	5.1%	4.7%	2.0%	9.6%	0.6%	0.1%	0.0%	0.0%	33.0%
Urban Furn. (3) 269,121 / 3.3%	1.259	13,591	31,983	28,498	4,939	4,506	1,967	9,335	608	109	12	0	31,983
Roof (4) 877,490 / 10.8%	1.6%	2.6%	4.1%	47.8%	3.6%	9.2%	8.1%	21.8%	0.1%	1.1%	0.0%	0.0%	47.8%
Facade (5) 500,492 / 6.2%	4,402	6,965	11,002	9,681	9,681	24,777	21,709	58,629	201	2,988	85	0	9,681
Shrub (6) 182,133 / 2.2%	0.3%	2.5%	0.1%	1.2%	90.2%	2.5%	0.2%	1.8%	0.5%	0.1%	0.6%	0.0%	90.2%
Tree (7) 1,067,121 / 13.2%	2,782	22,372	496	10,547	21,888	1,553	15,494	4,412	1,118	4,900	0	0	21,888
Soil / Gravel (8) 131,349 / 1.6%	0.5%	1.3%	0.1%	3.4%	2.1%	0.8%	3.2%	0.0%	3.1%	0.1%	0.0%	0.0%	3.4%
Vertical (9) 103,575 / 1.3%	2,289	6,465	619	16,891	10,350	3,799	15,835	123	15,506	254	0	0	16,891
Chimney (10) 8,971 / 0.1%	2.1%	0.7%	0.4%	5.2%	0.6%	3.7%	44.6%	36.2%	0.0%	6.5%	0.0%	0.0%	44.6%
Ignore* (11) 3,126,819 / 38.6%	3,846	1,269	785	9,459	1,028	6,709	81,185	65,875	86	11,877	14	0	81,185
precision	0.6%	0.0%	0.0%	0.3%	0.2%	0.3%	3.9%	94.5%	0.1%	0.2%	0.0%	0.0%	94.5%
F1 $\mu=65.1\%$	5,949	0	324	3,292	1,812	2,894	42,084	570	1,761	227	0	0	42,084
	68.9%	19.1%	0.0%	0.7%	0.0%	0.3%	0.6%	0.1%	10.4%	0.0%	0.0%	0.0%	10.4%
	90,448	25,027	4	910	6	429	744	67	13,684	30	0	0	13,684
	1.2%	1.6%	2.6%	4.9%	0.1%	15.5%	0.6%	7.1%	0.8%	65.6%	0.0%	0.0%	65.6%
	1,293	1,637	2,647	5,108	105	16,012	665	7,392	809	67,907	0	0	67,907
	0.0%	0.0%	0.0%	2.7%	3.4%	2.0%	0.2%	0.7%	0.0%	0.2%	90.9%	0.0%	90.9%
	1	0	2	245	301	177	17	60	0	14	8,154	0	8,154
	17.4%	1.9%	0.6%	2.9%	4.2%	12.6%	8.8%	48.2%	0.2%	3.0%	0.1%	0.0%	0.0%
	60,703	19,150	89,871	89,871	4,200	12,600	8,800	48,200	7,093	94,484	3,661	0	48,200
	81.4%	84.8%	57.5%	54.3%	95.1%	80.5%	81,185	84.8%	30.8%	56.7%	59.6%	nan%	80.8%
	83.8%	83.2%	42.0%	50.9%	92.6%	83.0%	43.5%	89.4%	15.6%	60.8%	72.0%	nan%	

prediction