

## Confusion Matrix

ground truth	Powerline (0) 7,112 / 0.1%	Low veg. (1) 2,052,664 / 24.8%	Imp. surface (2) 1,642,430 / 19.9%	Car (3) 60,384 / 0.7%	Fence/Hedge (4) 143,266 / 1.7%	Roof (5) 1,496,636 / 18.1%	Facade (6) 406,359 / 4.9%	Shrub (7) 587,781 / 7.1%	Tree (8) 1,873,680 / 22.7%	precision 7,004	F1 $\mu=82.3\%$	recall
Powerline (0)	98.5% 7,004	0.0% 1	0.0% 0	0.0% 0	0.0% 0	0.8% 54	0.3% 23	0.0% 0	0.4% 30	98.5% 7,004		
Low veg. (1)	0.0% 91	84.6% 2,052,664	6.1% 1,642,430	0.3% 60,384	0.8% 143,266	0.1% 1,496,636	0.4% 406,359	7.3% 587,781	0.4% 1,873,680	84.6% 2,052,664		
Imp. surface (2)	0.0% 47	4.8% 79,419	93.8% 1,642,430	0.6% 9,876	0.1% 2,348	0.0% 408	0.1% 1,645	0.4% 6,345	0.1% 1,766	93.8% 1,642,430		
Car (3)	0.0% 29	0.4% 256	1.5% 885	97.0% 58,556	0.3% 181	0.0% 8	0.1% 68	0.6% 360	0.1% 41	97.0% 58,556		
Fence/Hedge (4)	0.0% 41	2.4% 3,379	0.3% 456	0.6% 926	67.5% 96,675	0.1% 78	0.1% 210	28.6% 41,035	0.3% 466	67.5% 96,675		
Roof (5)	0.3% 5,073	0.1% 1,277	0.4% 5,635	0.1% 1,405	0.0% 667	95.1% 37,168	2.5% 15,385	1.0% 6,460	0.4% 6,460	95.1% 37,168		
Facade (6)	0.3% 1,100	1.5% 5,995	0.2% 886	0.3% 1,368	0.2% 666	3.4% 13,832	85.8% 26,972	6.6% 26,972	1.7% 6,838	85.8% 26,972		
Shrub (7)	0.1% 638	6.8% 39,989	0.3% 1,643	0.5% 3,129	1.4% 8,135	0.3% 1,562	2.3% 13,268	86.2% 587,781	2.1% 12,597	86.2% 587,781		
Tree (8)	0.1% 1,075	0.7% 13,948	0.0% 932	0.1% 1,697	0.2% 3,293	0.1% 1,549	0.2% 3,237	8.8% 911,919	89.8% 1,873,680	89.8% 1,873,680		
precision	46.4% 7,004	92.3% 2,052,664	91.9% 1,642,430	71.0% 58,556	74.9% 96,675	98.6% 1,496,636	84.5% 406,359	55.6% 587,781	97.9% 1,873,680	89.5% 1,873,680		
F1	63.1% 7,004	88.3% 2,052,664	92.8% 1,642,430	82.0% 58,556	71.0% 96,675	96.8% 1,496,636	85.1% 406,359	67.6% 587,781	93.7% 1,873,680	82.3% 1,873,680		