

Confusion Matrix

ground truth

| | | | | | | | | | | |
|---------------------------------------|----------------|-----------------|---------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|-----------------|
| Powerline (0) 7,115 / 0.1% | 85.2% 6,064 | 0.1% 6 | 0.0% 0 | 0.0% 0 | 0.0% 0 | 6.7% 475 | 5.6% 401 | 1.1% 75 | 1.3% 94 | 85.2% 6,064 |
| Low veg. (1) 2,054,071 / 24.8% | 0.0% 23 | 85.5% | 7.4% | 0.3% 6,042 | 2.0% 41,629 | 0.2% 3,810 | 0.4% 9,087 | 4.0% 81,326 | 0.1% 2,953 | 85.5% |
| Imp. surface (2) 1,640,702 / 19.8% | 0.0% 10 | 5.8% 95,259 | 93.1% | 0.3% 4,764 | 0.1% 865 | 0.1% 2,134 | 0.1% 2,022 | 0.4% 6,865 | 0.1% 861 | 93.1% |
| Car (3) 60,659 / 0.7% | 0.0% 25 | 3.1% 1,909 | 2.3% 1,399 | 86.6% 52,521 | 0.0% 10 | 0.2% 130 | 1.8% 1,122 | 5.7% 3,476 | 0.1% 67 | 86.6% 52,521 |
| Fence/Hedge (4) 143,693 / 1.7% | 0.0% 50 | 6.3% 9,053 | 0.2% 288 | 0.7% 935 | 64.7% 92,921 | 0.0% 40 | 1.0% 1,481 | 26.6% 38,170 | 0.5% 755 | 64.7% 92,921 |
| Roof (5) 1,497,623 / 18.1% | 0.3% 4,284 | 0.2% 2,530 | 0.5% 7,747 | 0.1% 1,772 | 0.0% 465 | 91.4% | 6.1% 90,729 | 0.8% 11,430 | 0.6% 9,272 | 91.4% |
| Facade (6) 406,423 / 4.9% | 0.3% 1,075 | 1.6% 6,467 | 0.2% 957 | 0.5% 2,007 | 0.1% 460 | 2.8% 11,234 | 86.7% | 5.0% 20,157 | 2.9% 11,816 | 86.7% |
| Shrub (7) 587,719 / 7.1% | 0.1% 551 | 11.0% 64,462 | 0.4% 2,135 | 0.7% 4,291 | 9.9% 58,441 | 0.3% 1,985 | 4.4% 25,627 | 67.5% | 5.7% 33,298 | 67.5% |
| Tree (8) 1,875,922 / 22.7% | 0.0% 514 | 1.1% 20,109 | 0.1% 1,064 | 0.0% 914 | 0.5% 9,115 | 0.1% 1,474 | 0.7% 13,797 | 8.7% | 88.8% | 88.8% |
| precision | 48.1% 6,064 | 89.8% | 90.2% | 71.7% 52,521 | 45.6% 92,921 | 98.5% | 70.9% | 55.0% | 96.6% | 87.3% |
| F1 $\mu=77.6\%$ | 61.5% | 87.6% | 91.7% | 78.4% | 53.5% | 94.8% | 78.0% | 60.6% | 92.5% | |

prediction