## Confusion Matrix

| ground truth \ prediction | Powerline (0) 1,571 / 0.4% | Low veg. (1) 91,692 / 22.3% | Imp. surface (2) 103,186 / 25.1% | Car (3) 4,136 / 1.0% | Fence/Hedge (4) 2,561 / 0.6% | Roof (5) 106,356 / 25.8% | Facade (6) 14,556 / 3.5% | Shrub (7) 30,666 / 7.4% | Tree (8) 56,998 / 13.8% | recall |
|---|---|---|---|---|---|---|---|---|---|---|
| Powerline (0) 600 / 0.1% | 93.7% 562 | 0.2% 1 | 0.0% 0 | 0.3% 2 | 0.0% 0 | 2.0% 12 | 1.2% 7 | 0.0% 0 | 2.7% 16 | 93.7% 562 |
| Low veg. (1) 98,690 / 24.0% | 0.0% 2 | 79.0% 77,947 | 9.2% 9,070 | 0.3% 298 | 0.3% 334 | 0.6% 628 | 0.9% 877 | 7.2% 7,081 | 2.5% 2,453 | 79.0% 77,947 |
| Imp. surface (2) 101,986 / 24.8% | 0.0% 0 | 6.7% 6,877 | 91.9% 93,676 | 0.2% 205 | 0.0% 11 | 0.8% 783 | 0.2% 196 | 0.2% 203 | 0.0% 35 | 91.9% 93,676 |
| Car (3) 3,708 / 0.9% | 0.0% 0 | 7.1% 265 | 1.4% 51 | 78.8% 2,923 | 1.8% 67 | 3.1% 114 | 1.5% 54 | 6.3% 234 | 0.0% 0 | 78.8% 2,923 |
| Fence/Hedge (4) 7,422 / 1.8% | 0.0% 0 | 7.9% 586 | 1.3% 99 | 1.2% 88 | 25.7% 1,906 | 1.5% 114 | 2.6% 193 | 44.6% 3,312 | 15.1% 1,124 | 25.7% 1,906 |
| Roof (5) 109,048 / 26.5% | 0.8% 879 | 1.3% 1,390 | 0.1% 96 | 0.1% 62 | 0.0% 8 | 93.4% | 3.1% 3,335 | 0.5% 591 | 0.8% 854 | 93.4% |
| Facade (6) 11,224 / 2.7% | 0.7% 82 | 4.6% 519 | 0.4% 49 | 1.2% 134 | 0.2% 25 | 12.1% 1,354 | 70.4% 7,897 | 7.4% 826 | 3.0% 338 | 70.4% 7,897 |
| Shrub (7) 24,818 / 6.0% | 0.0% 9 | 13.8% 3,431 | 0.5% 116 | 1.4% 357 | 0.7% 170 | 3.8% 945 | 3.4% 832 | 53.7% 13,323 | 22.7% 5,635 | 53.7% 13,323 |
| Tree (8) 54,226 / 13.2% | 0.1% 37 | 1.2% 676 | 0.1% 29 | 0.1% 67 | 0.1% 40 | 1.1% 573 | 2.1% 1,165 | 9.4% 5,096 | 85.8% 46,543 | 85.8% 46,543 |
| precision | 35.8% 562 | 85.0% 77,947 | 90.8% 93,676 | 70.7% 2,923 | 74.4% 1,906 | 95.7% | 54.3% 7,897 | 43.4% 13,323 | 81.7% 46,543 | 84.2% |
| F1 $\mu=69.5\%$ | 51.8% | 81.9% | 91.3% | 74.5% | 38.2% | 94.6% | 61.3% | 48.0% | 83.7% | |