

Per-label Classification Metrics

| | precision | recall | f1-score | support |
|-----------------------|-----------|--------|----------|---------|
| O | 0.0 | 0.0 | 0.0 | 189.0 |
| anatomical location | 0.8553 | 1.0 | 0.922 | 65.0 |
| animal | 0.875 | 1.0 | 0.9333 | 70.0 |
| biomedical technique | 0.6216 | 0.9583 | 0.7541 | 24.0 |
| bacteria | 0.6486 | 1.0 | 0.7869 | 48.0 |
| chemical | 0.6407 | 0.9817 | 0.7754 | 109.0 |
| dietary supplement | 0.6571 | 0.92 | 0.7667 | 25.0 |
| DDF | 0.8458 | 0.994 | 0.9139 | 331.0 |
| drug | 0.8689 | 0.9815 | 0.9217 | 54.0 |
| food | 0.7692 | 0.4545 | 0.5714 | 22.0 |
| gene | 0.4444 | 0.2051 | 0.2807 | 39.0 |
| human | 0.9326 | 1.0 | 0.9651 | 83.0 |
| microbiome | 0.8652 | 0.9919 | 0.9242 | 123.0 |
| statistical technique | 0.6 | 1.0 | 0.75 | 3.0 |