|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Compared to: | | | |
| Alignment | MMARC | MMARC- assembled | Resfams |
| Pipeline | Alignment | - | 8.2% | 0.8% | 17.5% |
| MMARC | 79.6% | - | 1.3% | 42.5% |
| MMARC- assembled | 98.2% | 97.7% | - | 96.4% |
| Resfams | 81.4% | 56.7% | 3.1% | - |

Table 1. Percent of samples where a given pipeline had more true positive classifications compared to another pipeline. For example, MMARC-assembled classified more true positives in 97.7% of the Soil and Pediatric samples compared to MMARC.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Compared to: | | | |
| Alignment | MMARC | MMARC- assembled | Resfams |
| Pipeline | Alignment | - | 31.4% | 33.8% | 30.4% |
| MMARC | 55.7% | - | 64.7% | 44.6% |
| MMARC- assembled | 65.2% | 33.8% | - | 29.1% |
| Resfams | 68.3% | 50.0% | 70.1% | - |

Table 2. Percent of samples where a given pipeline had a higher proportion of reads classified correctly (regardless of total number classified) compared to another pipeline. For example, MMARC-assembled had a higher proportion of reads classified correctly in 33.8% of the Soil and Pediatric samples compared to MMARC.