Real world dataset:

**Table: Summary of Pan-genome analysis of real-world dataset.**

|  |  |
| --- | --- |
| **Types of Gene** | **Counts** |
| Core genes (99% <= strains <= 100%) | 1659 |
| Soft core genes (95% <= strains < 99%) | 68 |
| Shell genes (15% <= strains < 95%) | 778 |
| Cloud genes (0% <= strains < 15%) | 387 |
| Total genes (0% <= strains <= 100%) | 2892 |