**Table 1. Computational specifications of the four AWS instance types employed in the study.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Purpose** | **Instance type** | **vCPU** | **Memory (GiB)** | **Processor** |
| Compute optimized | c4.2xlarge | 8 | 15.0 | 2.9 GHz Intel Xeon E5-2666 v3 Processor |
| c4.4xlarge | 16 | 30.0 |
| Memory optimized | r4.xlarge | 4 | 30.5 | 2.3 GHz Intel Xeon E5-2686 v4 Processor |
| r4.2xlarge | 8 | 61.0 |