Performance Evaluation Data

Following 7 tables are the performance evaluation for 7 different parameters combinations based on three benchmark: relative entropy, number of sites overlap and runtime.

| ICPC: 2 ML: 8 SL: 500 SC: 10 | | |
|------------------------------|--------------|----------|
| Rel_Entropy | Site_Overlap | Run time |
| 0 | 1 | 2.69992 |
| 7.669741 | 0.7875 | 27.6528 |
| 5.478112 | 0.875 | 27.8169 |
| 0 | 1 | 0.17567 |
| 5.483288 | 0.7875 | 27.7428 |
| 0 | 1 | 0.075998 |
| 0 | 1 | 0.033931 |
| 5.338808 | 0.875 | 28.059 |
| 0 | 1 | 0.276292 |
| 0.005176 | 0.9875 | 0.062989 |

| ICPC: 1 ML: 8 SL: 500 SC: 10 | | |
|------------------------------|--------------|----------|
| Rel_Entropy | Site_Overlap | Run time |
| 4.811452 | 0 | 28.2774 |
| 5.873392 | 0.0375 | 28.2157 |
| 5.858436 | 0.05 | 27.9502 |
| 8.583227 | 0 | 28.2142 |
| 8.073637 | 0 | 28.087 |
| 5.449474 | 0 | 28.271 |
| 7.256605 | 0 | 28.0021 |
| 6.637441 | 0 | 10.2237 |
| 6.179589 | 0 | 27.7093 |
| 7.450635 | 0.0625 | 27.9816 |

| ICPC: 1.5 ML: 8 SL: 500 SC: 10 | | |
|--------------------------------|--------------|----------|
| Rel_Entropy | Site_Overlap | Run time |
| 0.416726 | 0.9 | 1.26016 |
| 0.404888 | 1 | 1.47927 |
| 0.572907 | 0.8 | 1.20224 |
| 0.472239 | 1 | 28.2971 |
| 0.360485 | 1 | 0.563546 |
| 0.376609 | 0.8 | 22.5111 |
| 0.149764 | 1 | 1.18177 |
| 7.233484 | 0.875 | 27.8005 |
| 0.055352 | 0.9 | 18.1583 |
| 8.459908 | 0.75 | 28.2504 |

| ICPC: 2 ML: 7 SL: 500 SC: 10 | | |
|------------------------------|--------------|----------|
| Rel_Entropy | Site_Overlap | Run time |
| 0 | 1 | 1.29224 |
| 0 | 1 | 0.023484 |
| 0 | 1 | 0.091922 |
| 0 | 1 | 0.861721 |
| 0 | 1 | 0.040558 |
| 0 | 1 | 0.921 |
| 0 | 1 | 0.246223 |
| 0 | 1 | 0.267611 |
| 0 | 1 | 1.2822 |
| 4.010351 | 0.685714 | 0.377652 |

| ICPC: 2 ML: 6 SL: 500 SC: 10 | | |
|------------------------------|--------------|----------|
| Rel_Entropy | Site_Overlap | Run time |
| 0 | 1 | 1.41593 |
| 0 | 1 | 1.60655 |
| 0 | 0.9 | 0.719724 |
| 0 | 1 | 1.32582 |
| 0 | 1 | 0.378797 |
| 0 | 1 | 0.230145 |
| 2.039934 | 0 | 21.8027 |
| 0.005176 | 0.9 | 1.9903 |
| 0 | 1 | 0.348955 |
| 0 | 1 | 0.765561 |

| ICPC: 2 ML: 8 SL: 500 SC: 20 | | |
|------------------------------|--------------|----------|
| Rel_Entropy | Site_Overlap | Run time |
| 4.681752 | 0.6375 | 62.688 |
| 0 | 1 | 0.152359 |
| 6.013725 | 0.5625 | 64.0544 |
| 5.403426 | 0.875 | 63.9686 |
| 5.478112 | 0.83125 | 63.2831 |
| 4.565432 | 0.875 | 63.1325 |
| 4.711596 | 0.6375 | 63.6238 |
| 7.478112 | 0.83125 | 63.7699 |
| 0 | 0.95 | 2.53561 |
| 5.338808 | 0.875 | 64.009 |

| ICPC: 2 ML: 8 SL: 500 SC: 5 | | |
|-----------------------------|--------------|----------|
| Rel_Entropy | Site_Overlap | Run time |
| 8 | 0.875 | 0.269321 |
| 7 | 1 | 0.441292 |
| 6.499598 | 1 | 0.122999 |
| 6 | 0 | 0.016373 |
| 6.326988 | 0.875 | 0.039989 |
| 6.478112 | 1 | 0.068323 |
| 7.233484 | 0.875 | 0.164783 |
| 3 | 0.75 | 0.262826 |
| 3 | 1 | 0.186127 |
| 5.093505 | 0 | 0.219299 |