Empirical Algorithm Analysis Data

**Shaded cells require text entry, unshaded cells numerical entry.**

Name of Algorithm: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Run 1 | Run 2 | Run 3 | Run 4 | Ratios | Ratios | Ratios | Ratios |
| Data type |  |  |  |  |  |  |  |  |
| # of values |  |  |  |  |  |  |  |  |
| Time taken |  |  |  |  |  |  |  |  |
| Comparisons |  |  |  |  |  |  |  |  |
| Exchanges |  |  |  |  |  |  |  |  |
| Assignments |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Name of Algorithm: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Run 1 | Run 2 | Run 3 | Run 4 | Ratios | Ratios | Ratios | Ratios |
| Data type |  |  |  |  |  |  |  |  |
| # of values |  |  |  |  |  |  |  |  |
| Time taken |  |  |  |  |  |  |  |  |
| Comparisons |  |  |  |  |  |  |  |  |
| Exchanges |  |  |  |  |  |  |  |  |
| Assignments |  |  |  |  |  |  |  |  |
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Name of Algorithm: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Run 1 | Run 2 | Run 3 | Run 4 | Ratios | Ratios | Ratios | Ratios |
| Data type |  |  |  |  |  |  |  |  |
| # of values |  |  |  |  |  |  |  |  |
| Time taken |  |  |  |  |  |  |  |  |
| Comparisons |  |  |  |  |  |  |  |  |
| Exchanges |  |  |  |  |  |  |  |  |
| Assignments |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |