

| $n$  | Total running time |            | Breakdown of running time |                 |              |
|------|--------------------|------------|---------------------------|-----------------|--------------|
|      | MILES              | Our method | SDP                       | Random Sampling | Greedy 1-opt |
| 50   | 3.069              | 0.397      | 0.296                     | 0.065           | 0.036        |
| 60   | 28.71              | 0.336      | 0.201                     | 0.084           | 0.051        |
| 70   | 378.2              | 0.402      | 0.249                     | 0.094           | 0.058        |
| 100  | N/A                | 0.690      | 0.380                     | 0.193           | 0.117        |
| 500  | N/A                | 20.99      | 12.24                     | 4.709           | 4.045        |
| 1000 | N/A                | 135.1      | 82.38                     | 28.64           | 24.07        |