## % reduction in time taken: our method against benchmark

### No elementarity

| Time horizon | | | | | | |
|---|---|---|---|---|---|---|
| 4.0 | -76.37 | -80.89 | -84.02 | -87.76 | -89.3 | -90.47 |
| 3.5 | -69.73 | -77.85 | -82.3 | -85.77 | -86.67 | -88.09 |
| 3.0 | -68.03 | -74.7 | -80.6 | -81.56 | -84.32 | -86.06 |
| 2.5 | -57.48 | -64.11 | -72.02 | -76.84 | -80.95 | -80.62 |
|  | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 |

### ng-route

| Time horizon | | | | | | |
|---|---|---|---|---|---|---|
| 4.0 | -76.64 | -81.25 | -85.99 | -88.09 | -90.99 | -92.23 |
| 3.5 | -72.01 | -78.22 | -83.42 | -86.22 | -88.24 | -89.53 |
| 3.0 | -70.55 | -73.53 | -78.22 | -82.33 | -85.85 | -88.07 |
| 2.5 | -60.97 | -66.9 | -71.04 | -74.12 | -78.19 | -79.93 |
|  | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 |

### Elementary

| Time horizon | | | | | | |
|---|---|---|---|---|---|---|
| 4.0 | -62.88 | -69.41 | -75.6 | -70.95 | -50.16 | -13.0 |
| 3.5 | -63.71 | -67.65 | -73.11 | -71.49 | -75.99 | -73.8 |
| 3.0 | -61.03 | -66.88 | -67.88 | -71.36 | -75.84 | -76.45 |
| 2.5 | -61.33 | -55.26 | -61.22 | -63.44 | -68.51 | -72.52 |
|  | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 |

Customer density

Colour scale: 0, -50, -100