3.0 -

2.5

4.0 -

3.5 -

3.0 -

2.5

4.0 -

3.5 -

3.0 -

2.5 -

1.66

1.72

1.5

3.58

2.56

2.49

1.84

1.5

1.85

1.64

1.46

1.22

1.5

## No elementarity 2.4 2.79 3.25 3.75

2.14

1.76

2.0

4.05

3.5

2.78

1.94

2.0

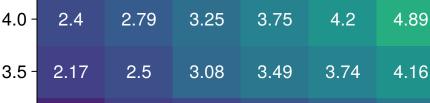
2.28

2.16

1.92

1.8

2.0



2.35

2.04

2.5

4.99

4.08

3.41

2.98

2.5

2.69

2.43

2.06

1.91

2.5

**Customer density** 

**Elementary** 

Ratio of time taken: our method against benchmark

2.71

2.45

3.0

5.15

4.85

4.14

3.56

3.0

2.66

2.44

2.36

3.0

ng-route

3.03

2.47

3.5

6.31

5.16

4.58

3.2

3.5

3.36

2.74

2.32

3.5

3.53

2.81

4.0

7.23

5.64

5.31

3.85

4.0

3.02

2.85

4.0