

CHALMERS

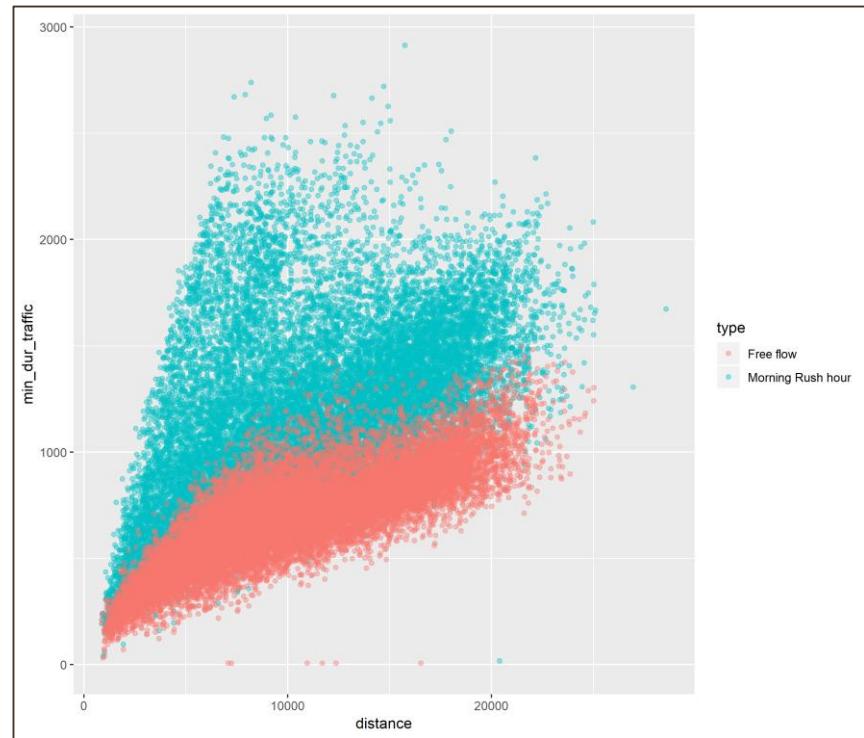
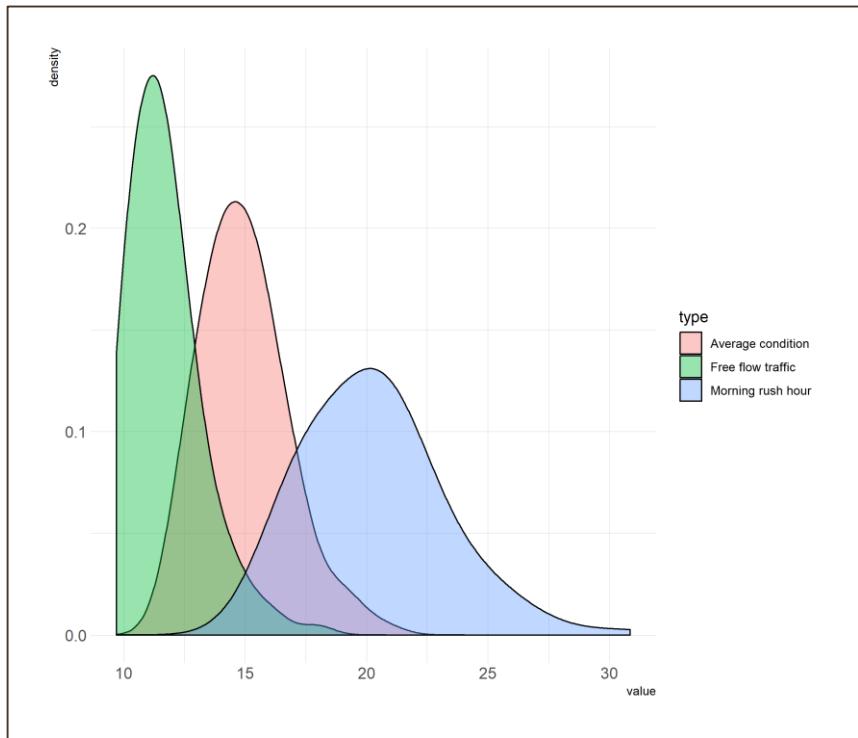
SPATIALIZING CONGESTION

PRELIMINARY RESULTS

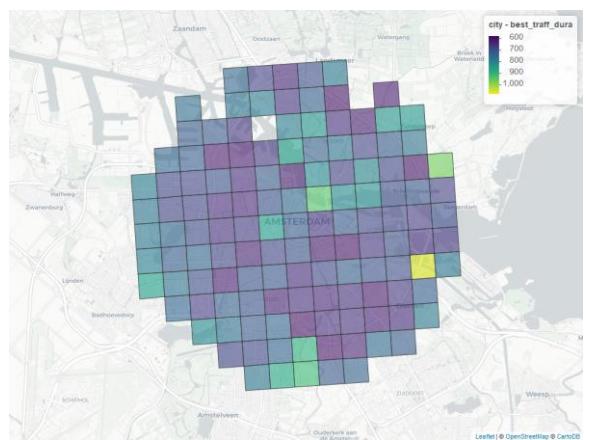
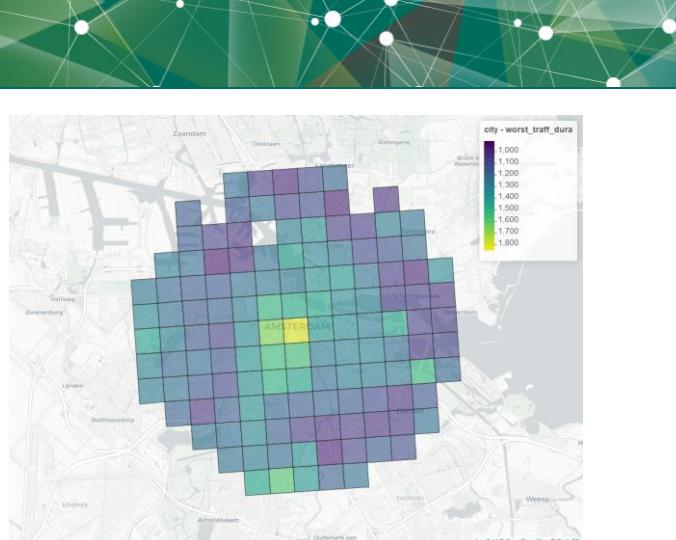
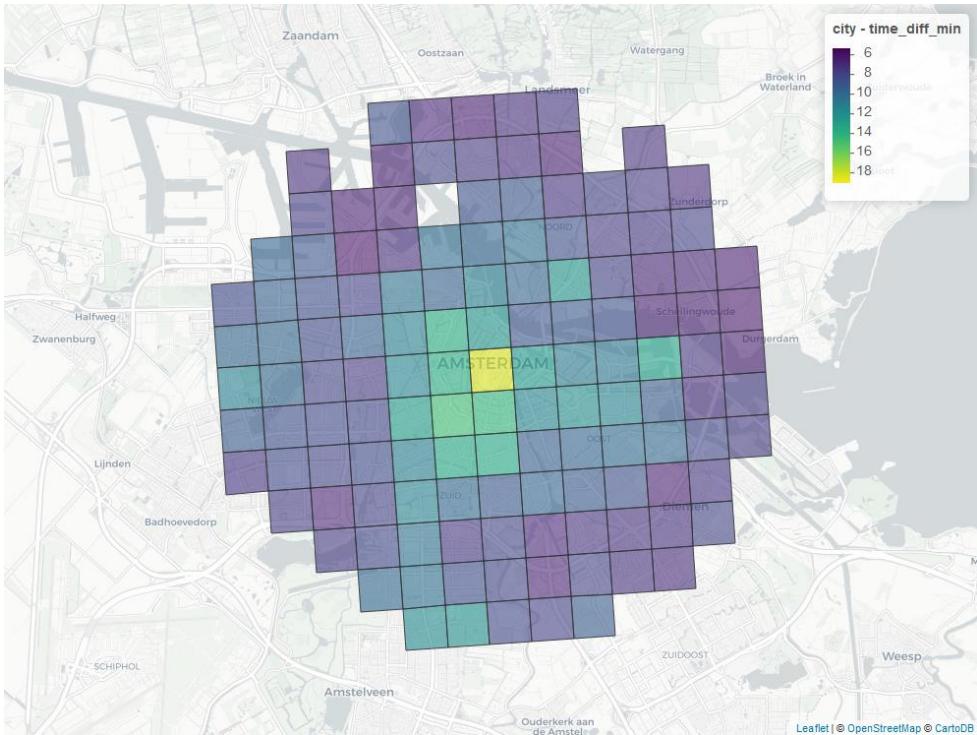




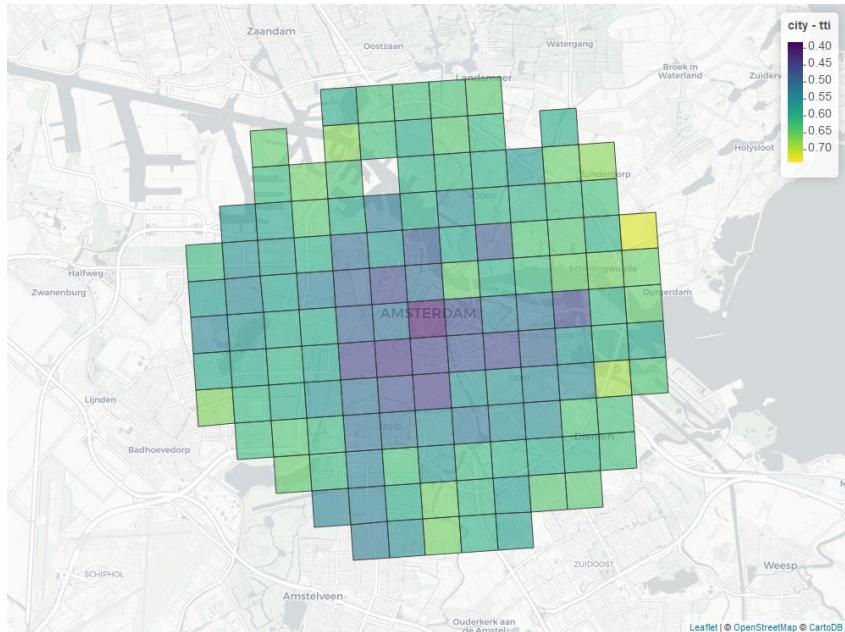
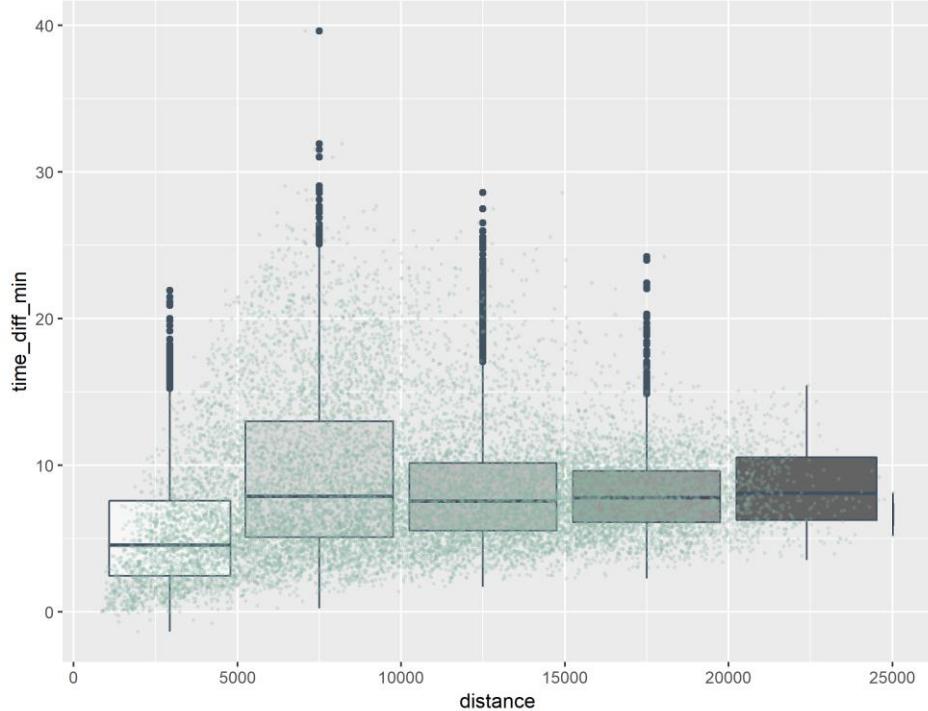
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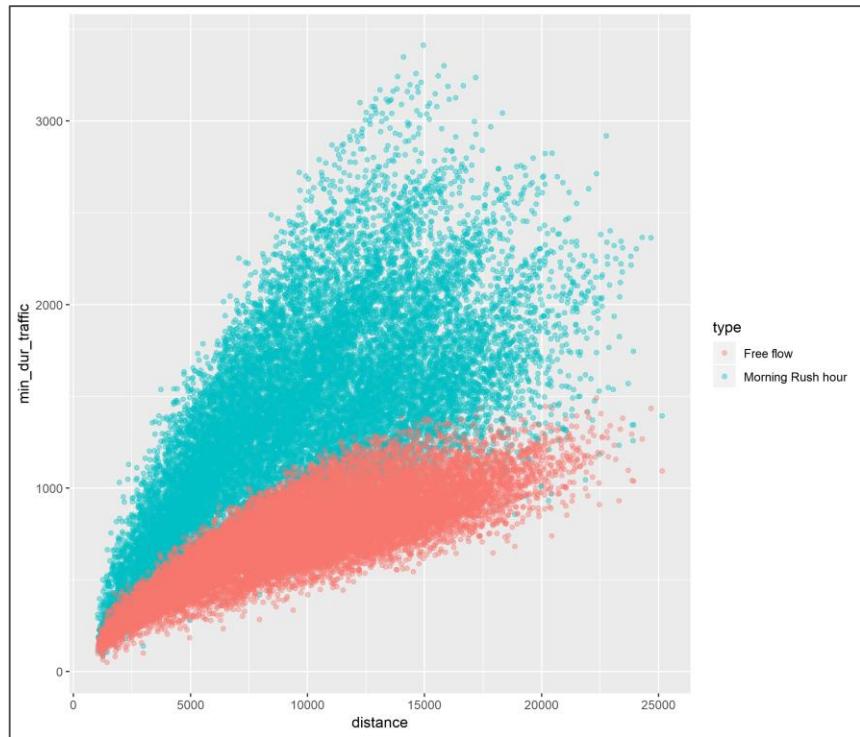
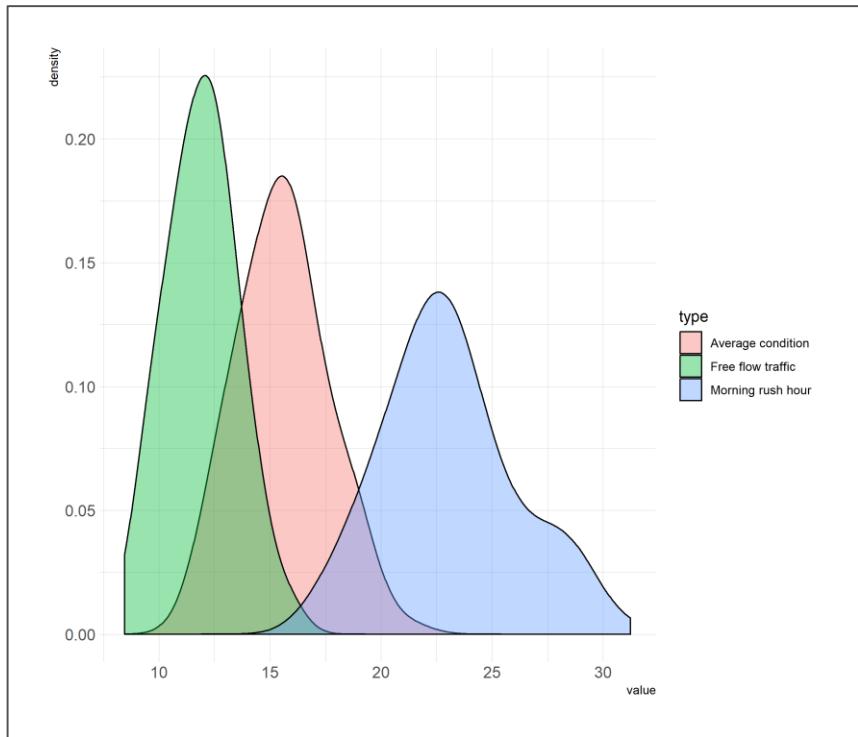
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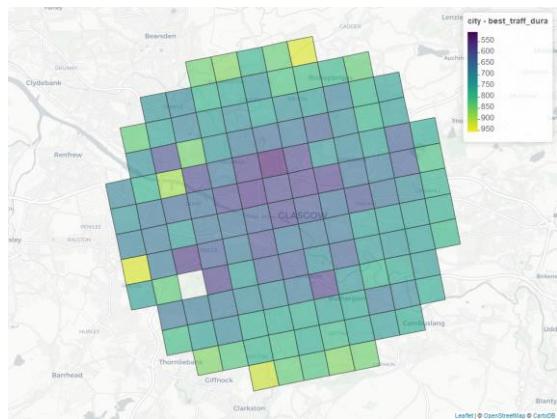
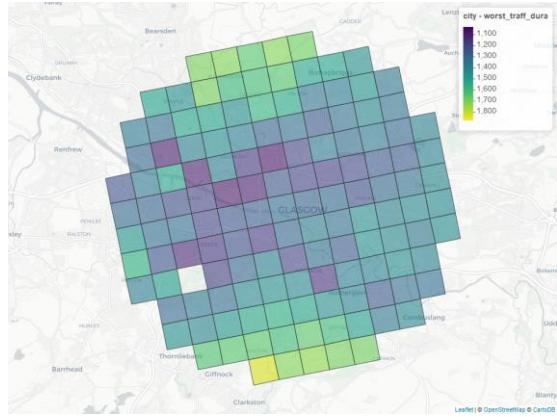
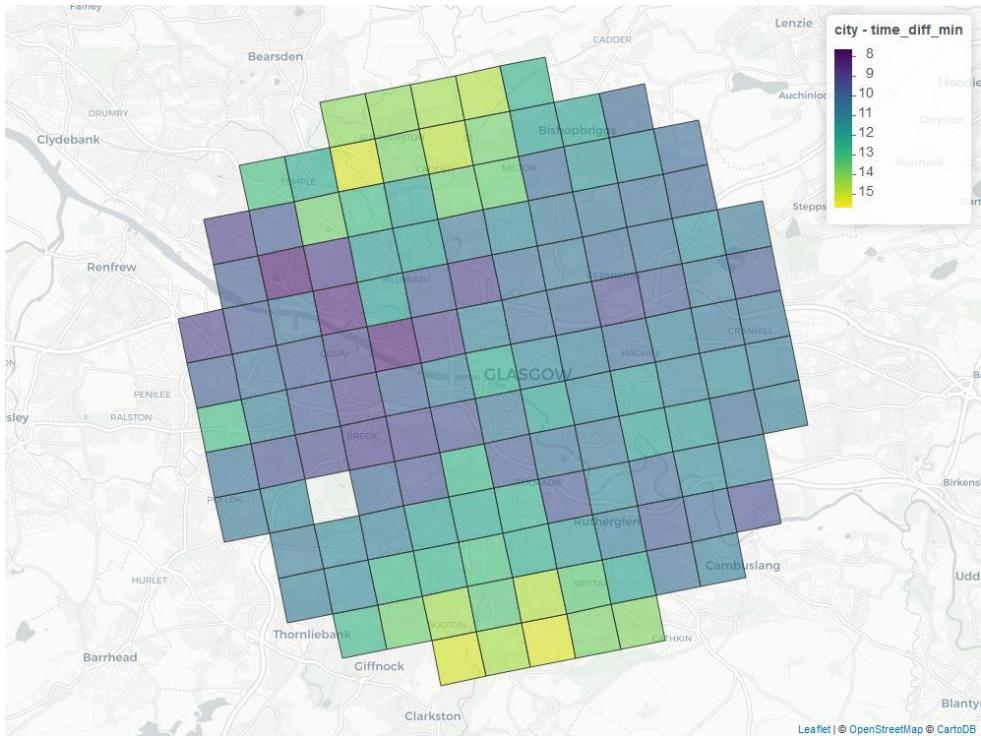
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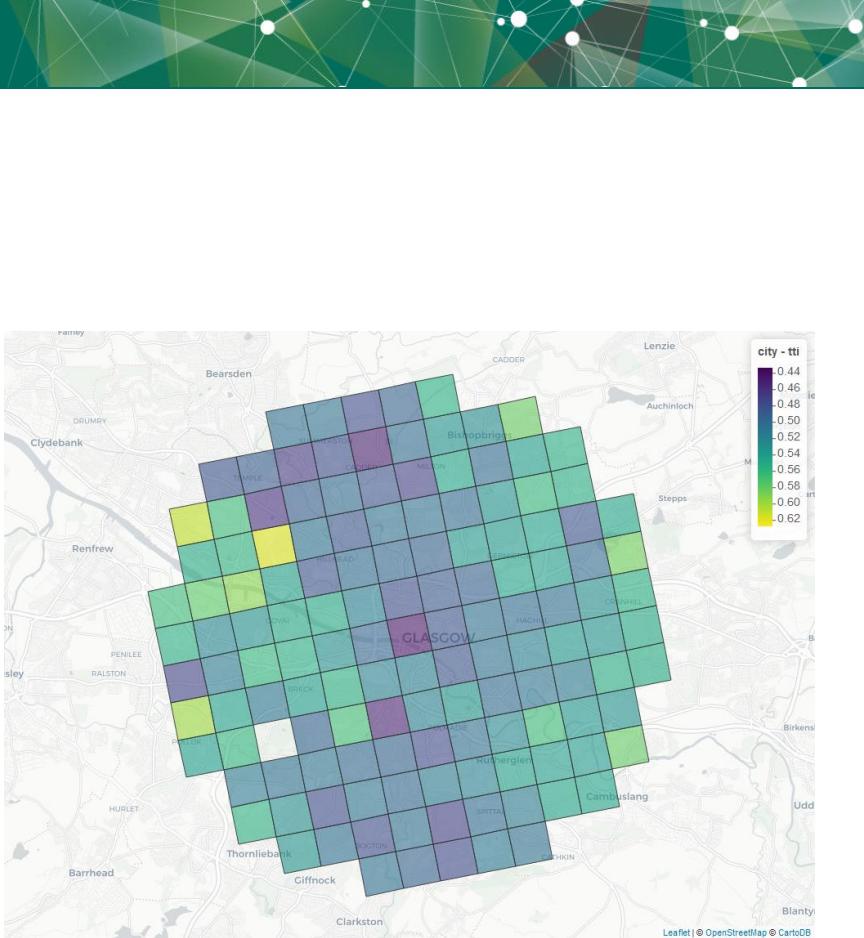
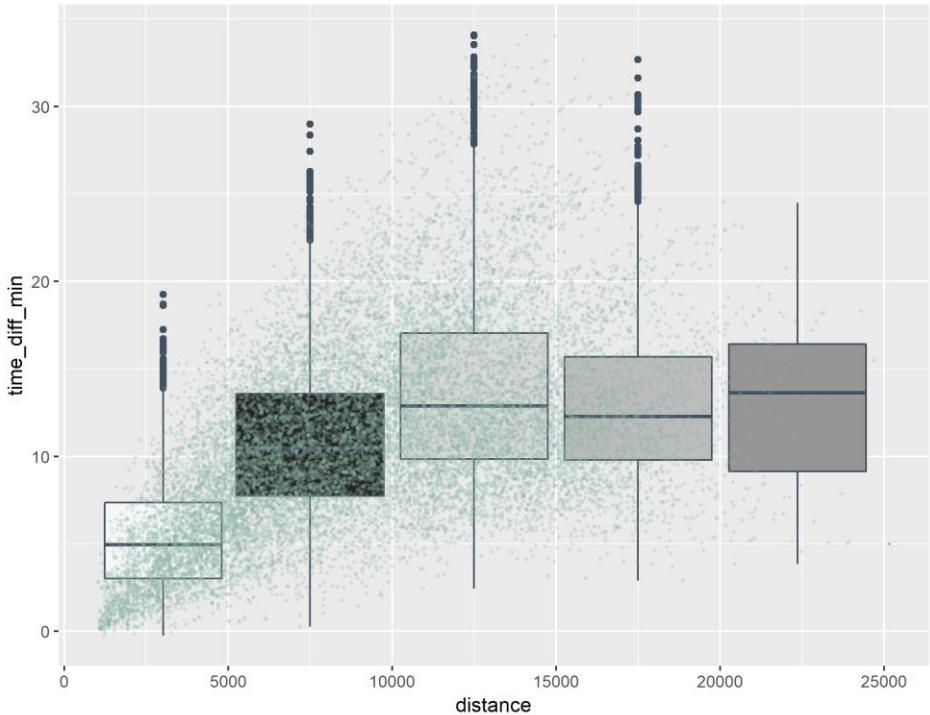
GLASGOW



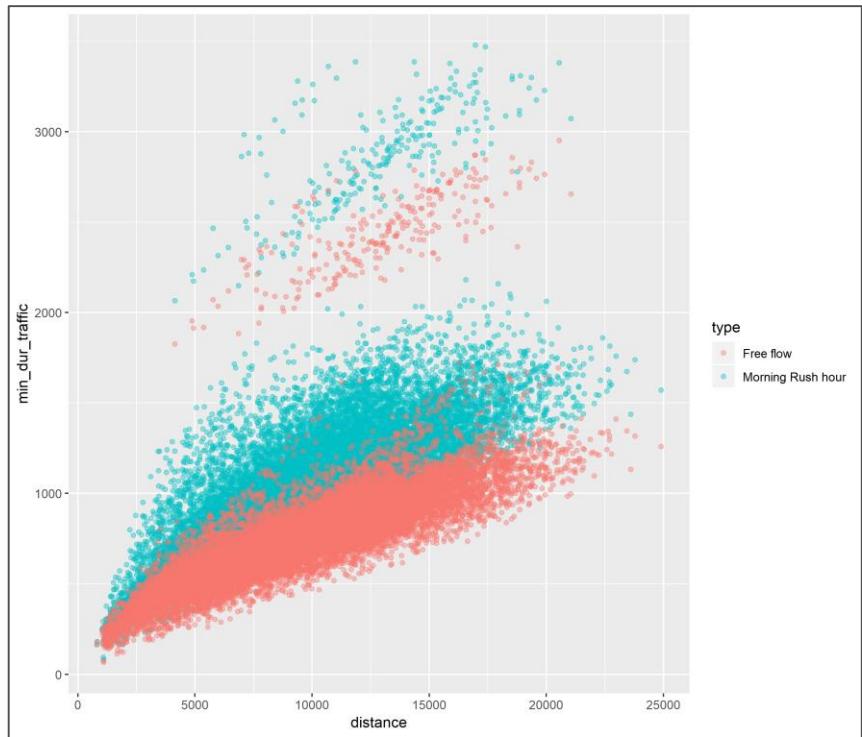
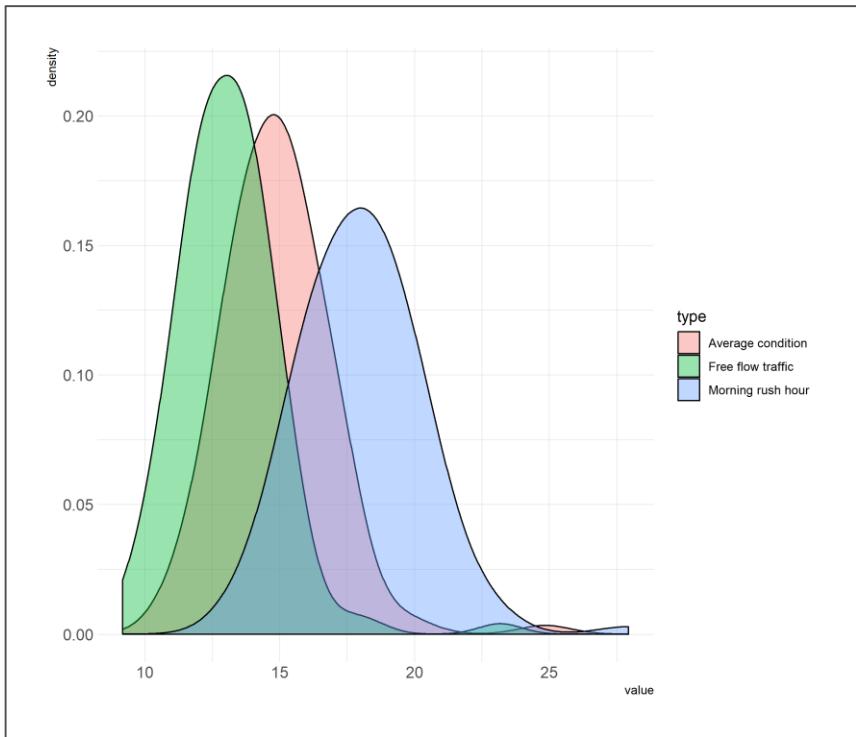
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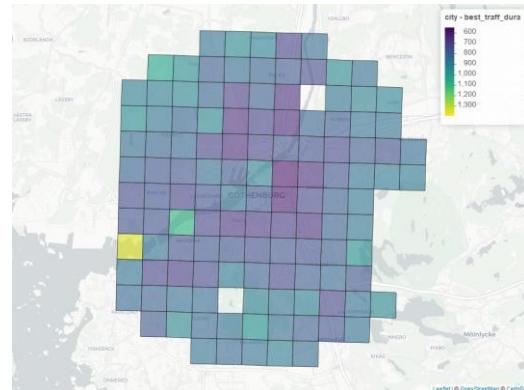
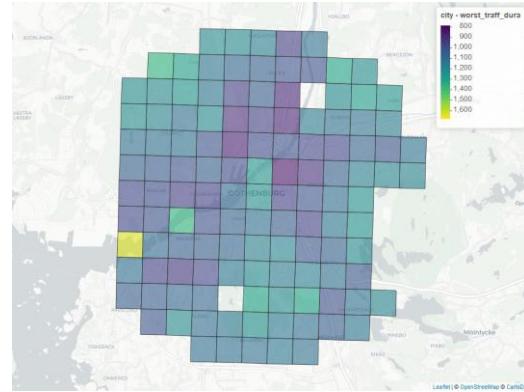
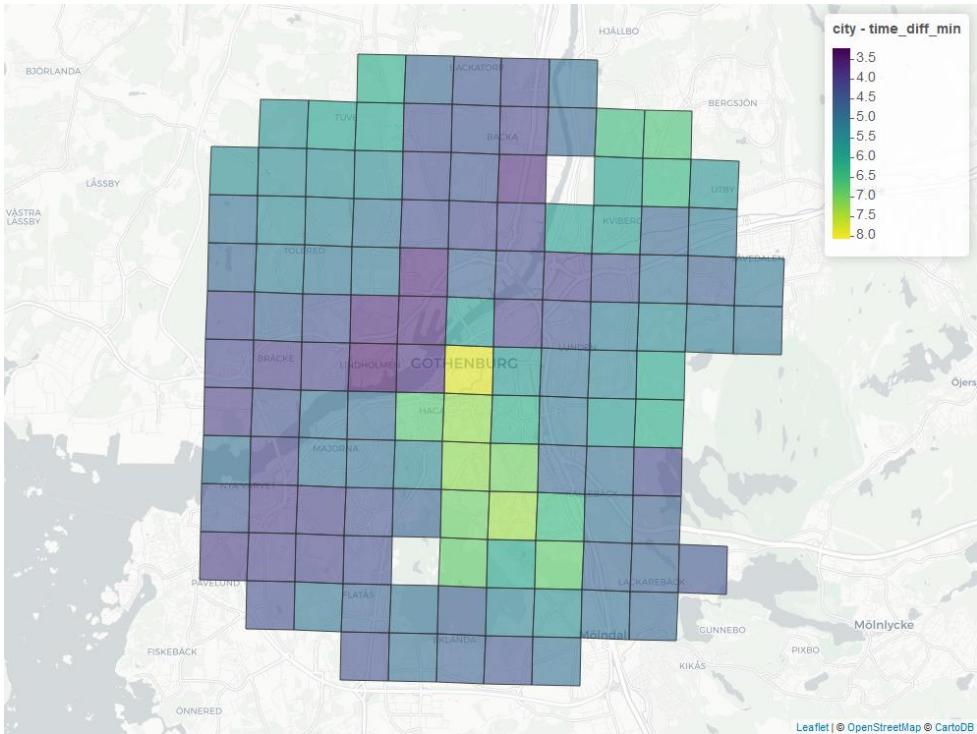
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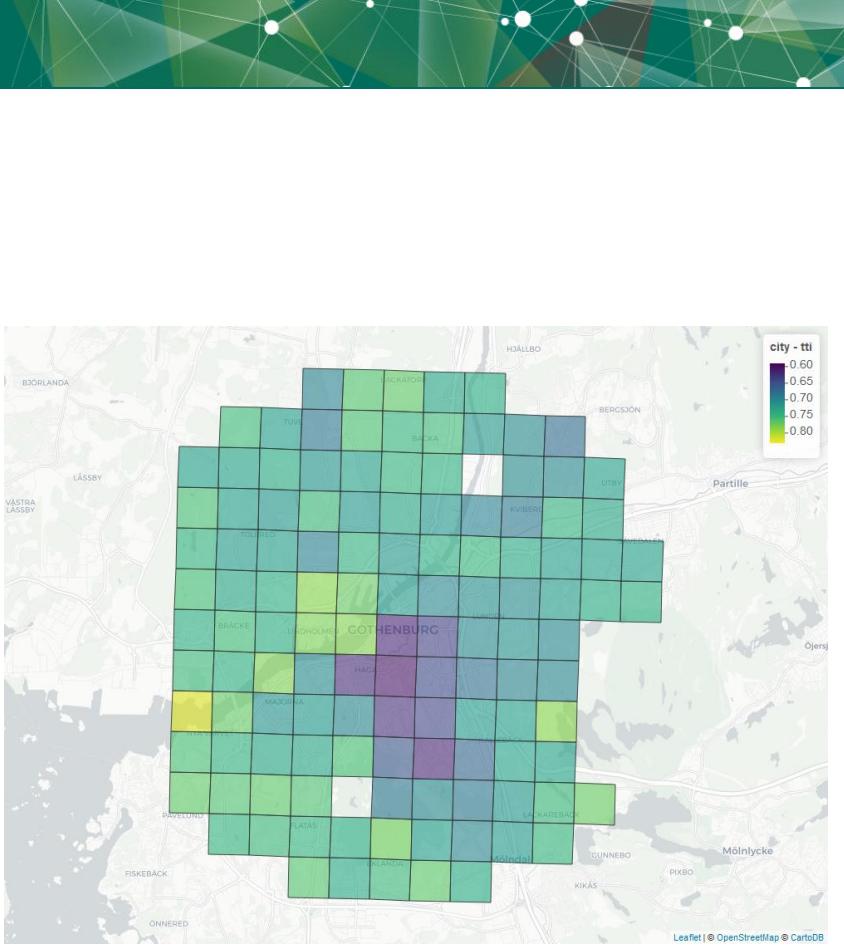
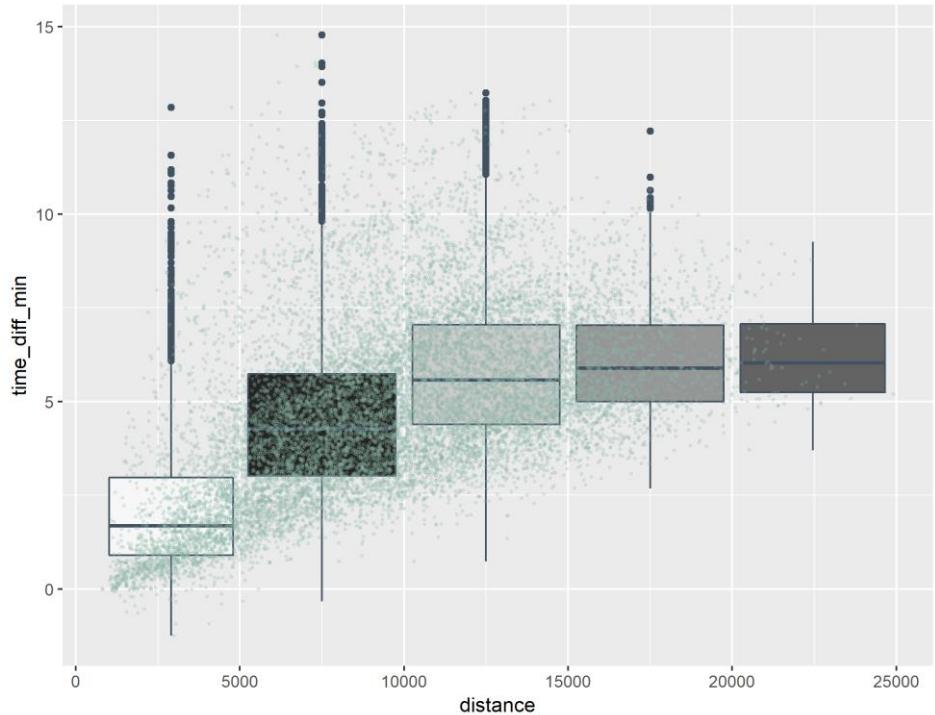
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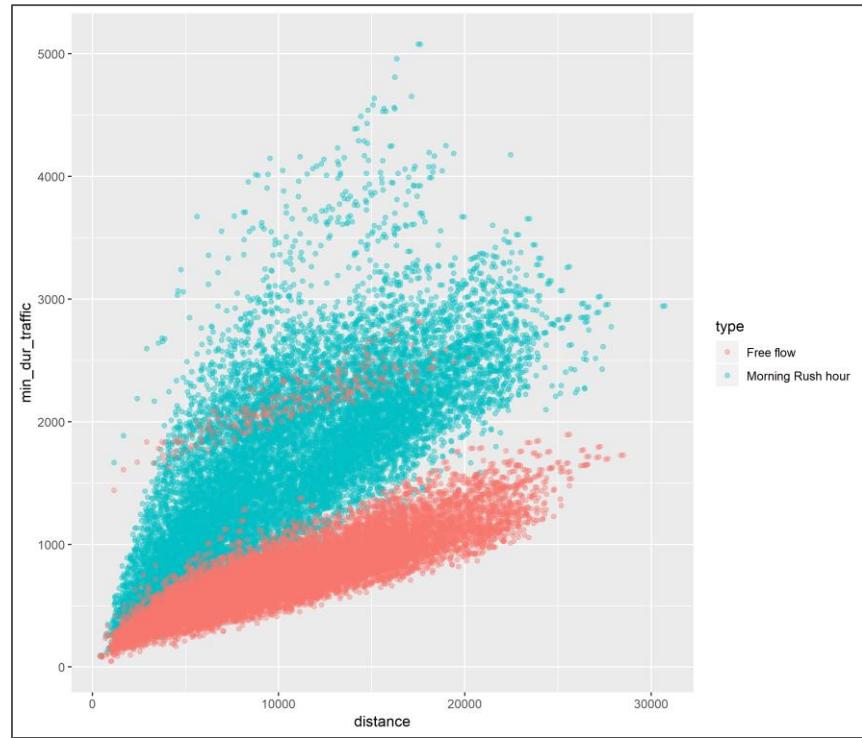
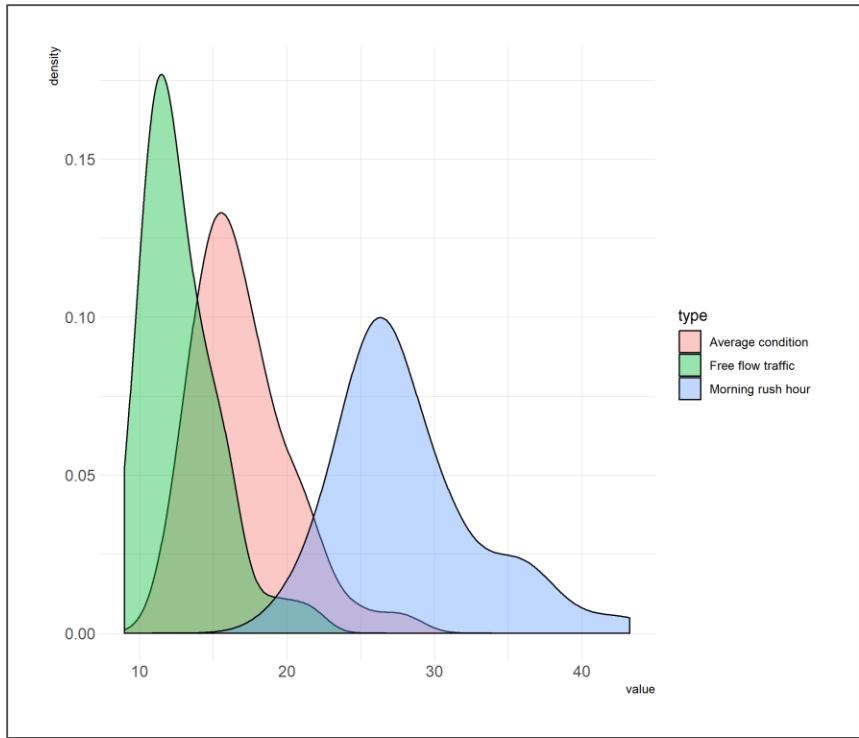
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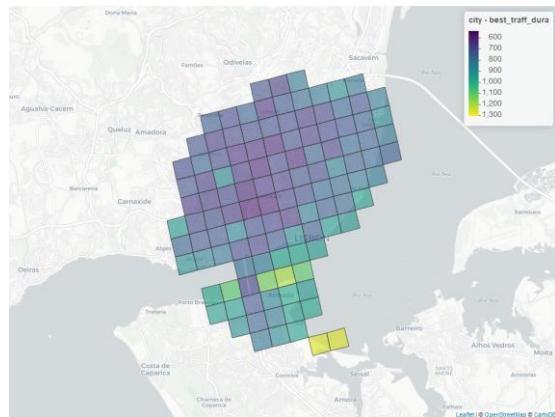
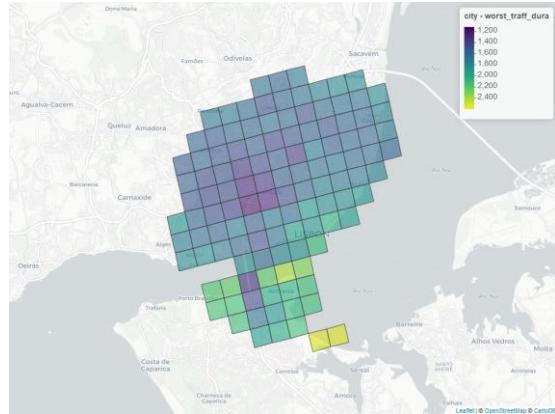
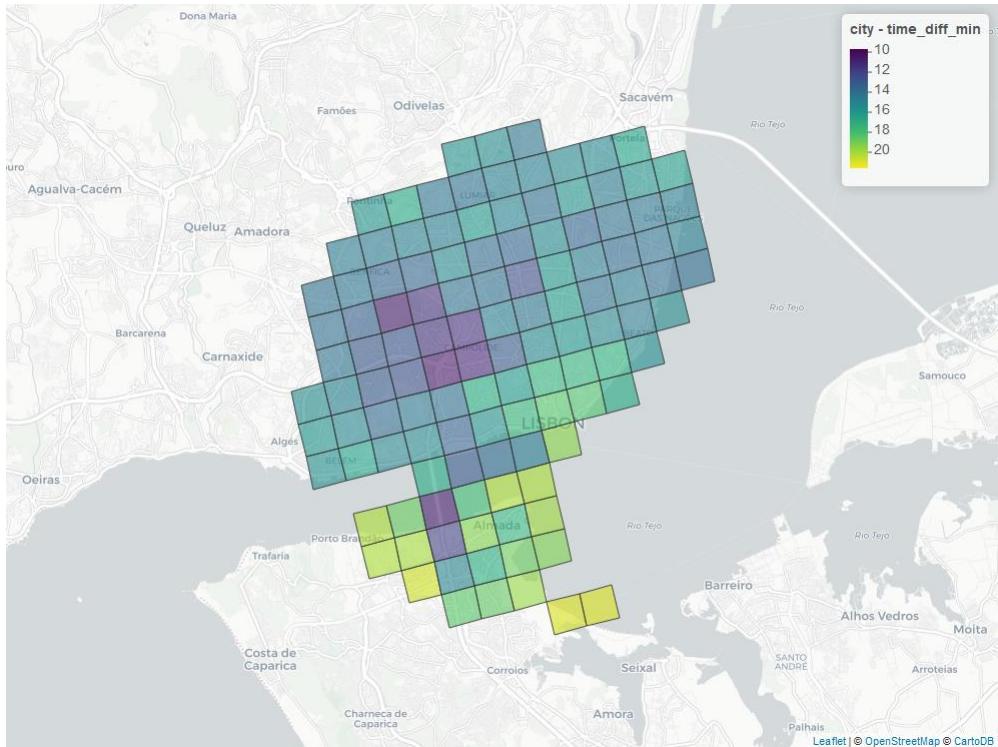
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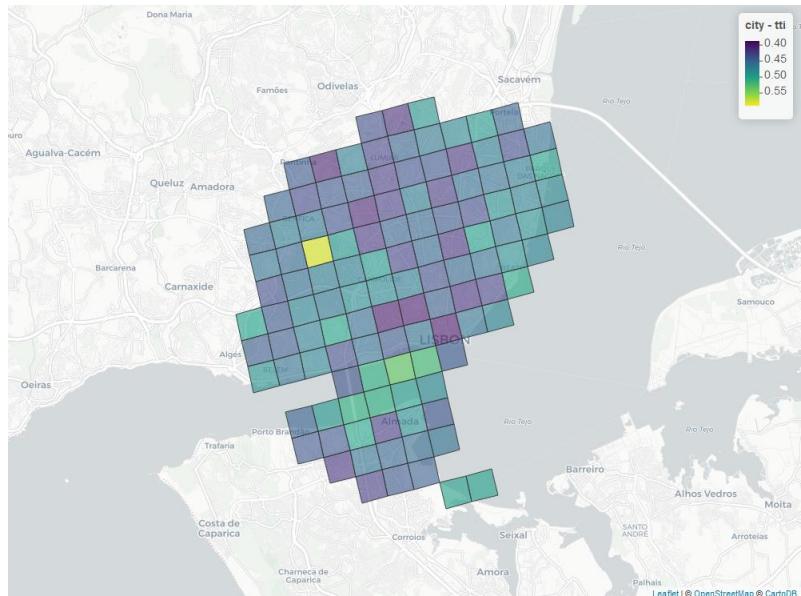
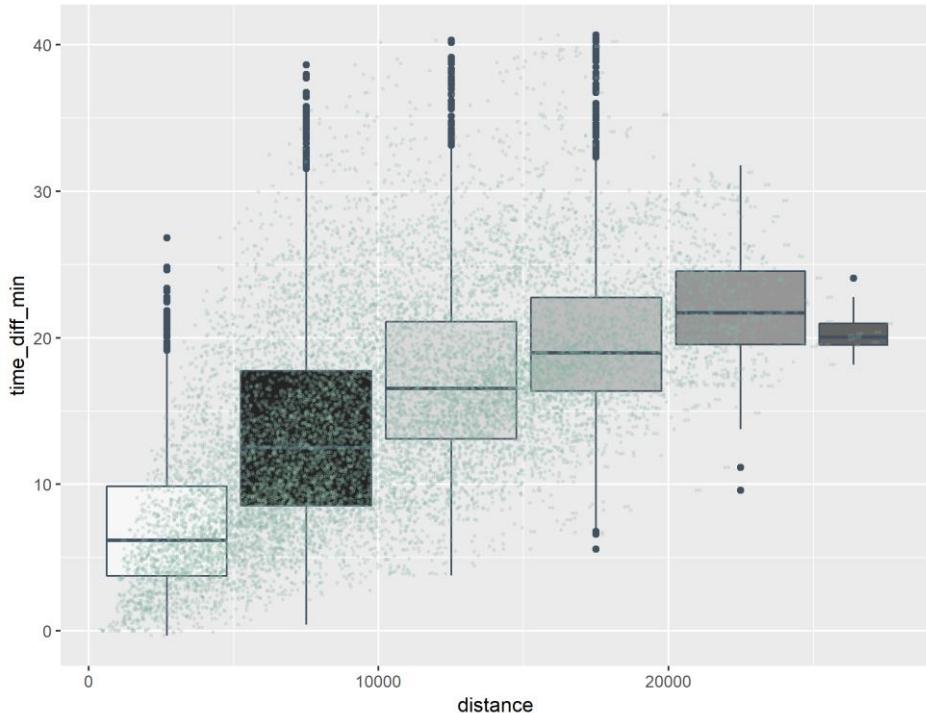
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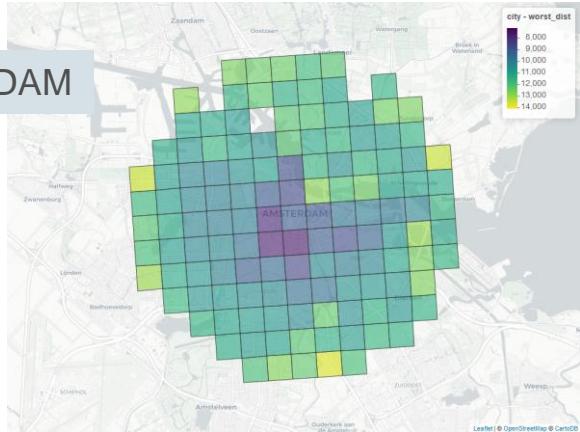
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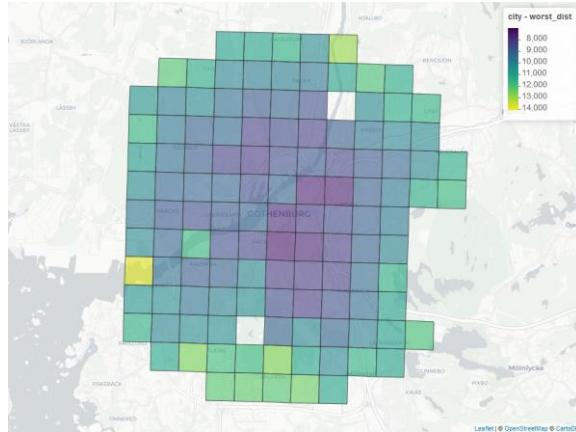
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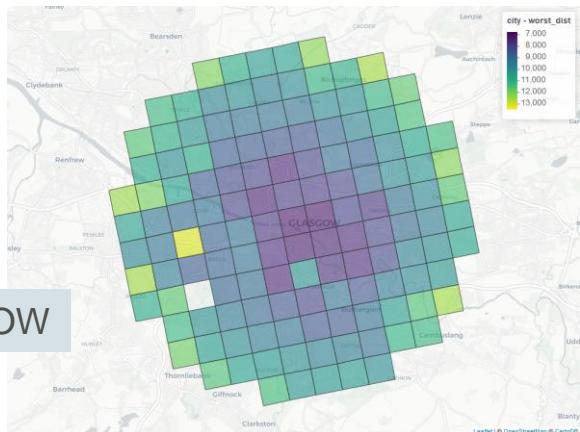
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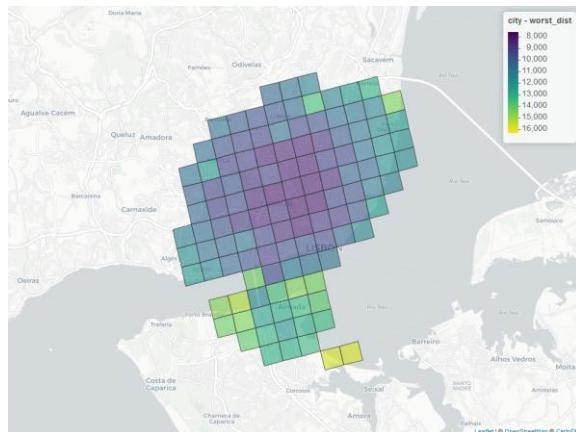
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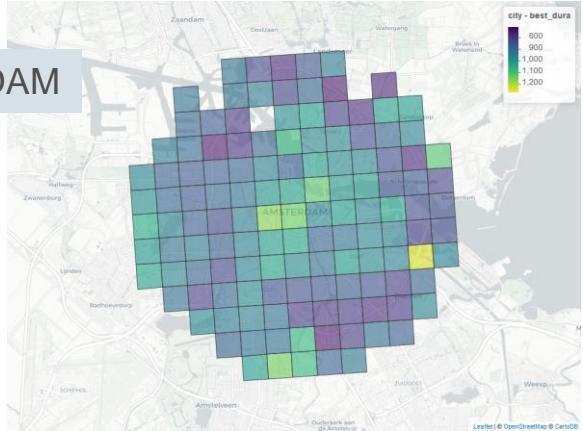


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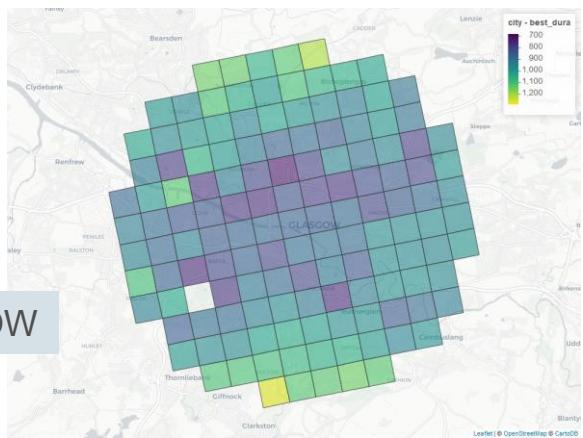


AVERAGE TIME

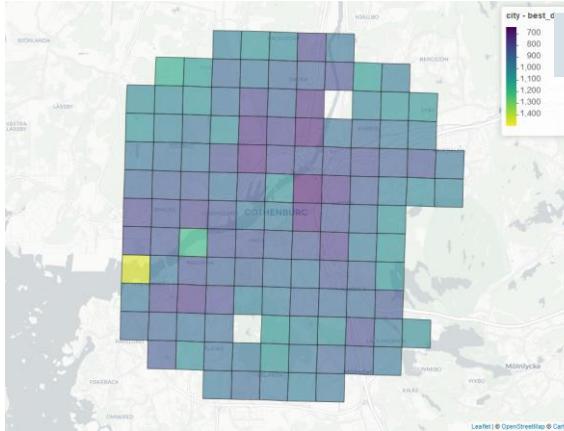
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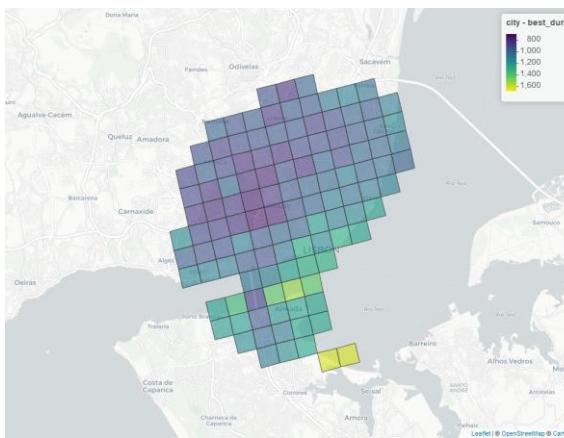
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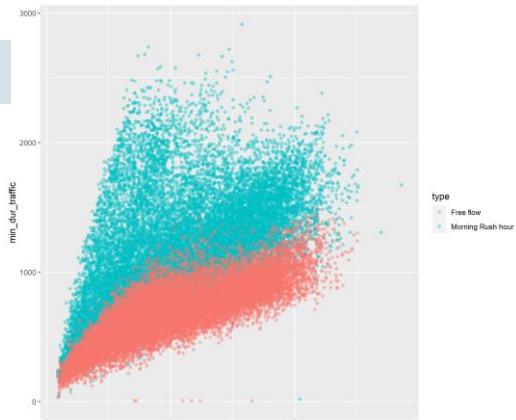


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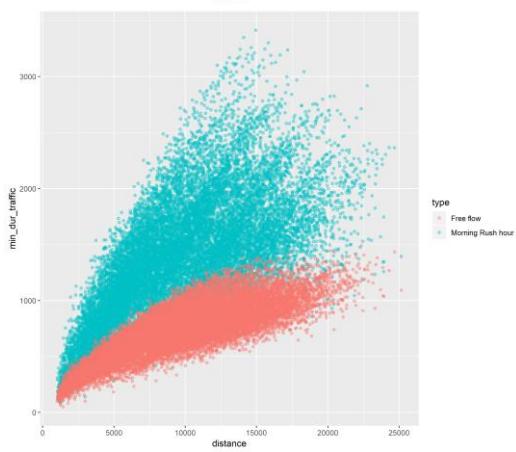


TIME VS DISTANCE

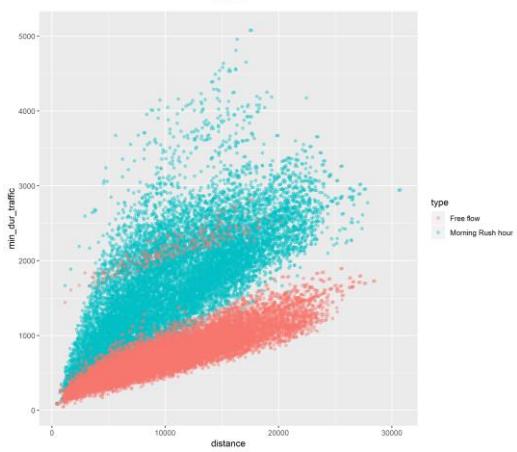
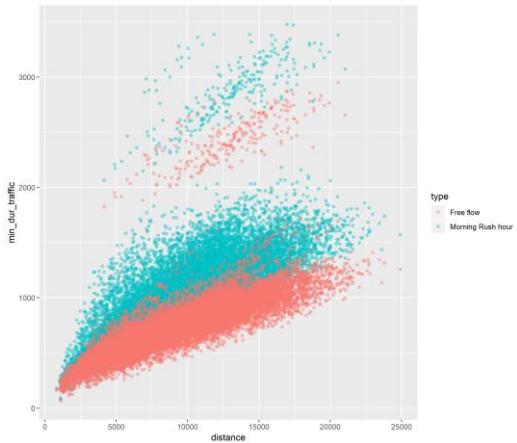
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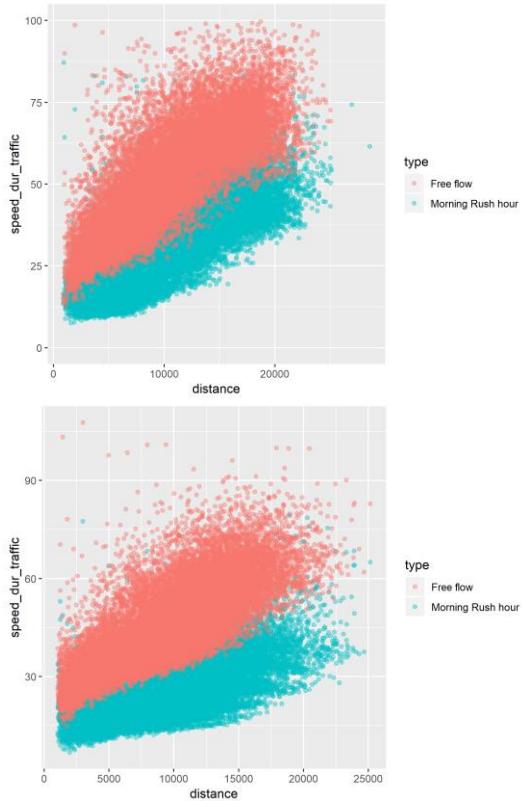


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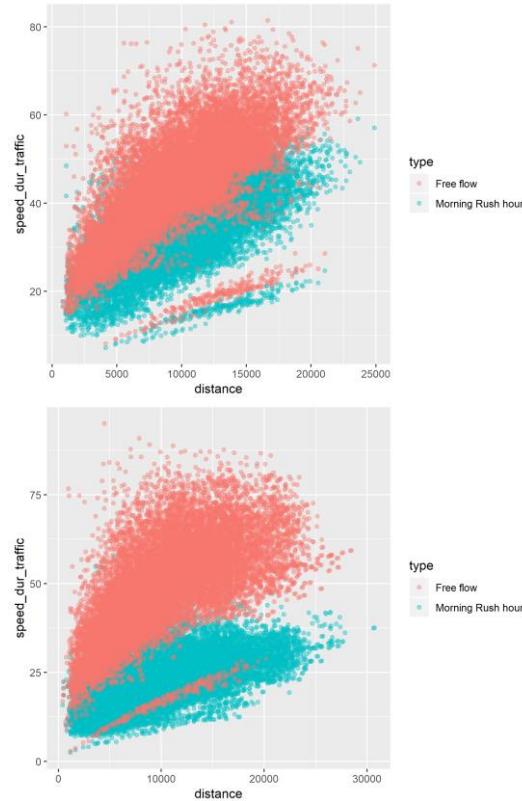
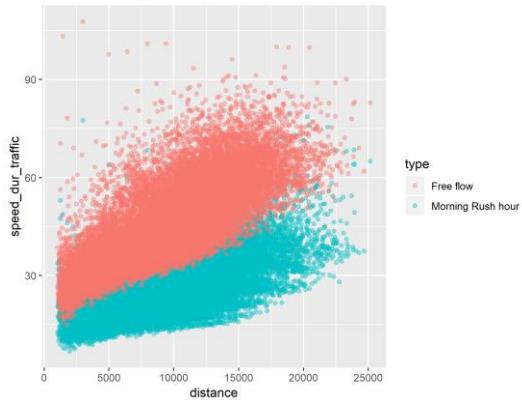


SPEED VS DISTANCE

AMSTERDAM



GLASGOW

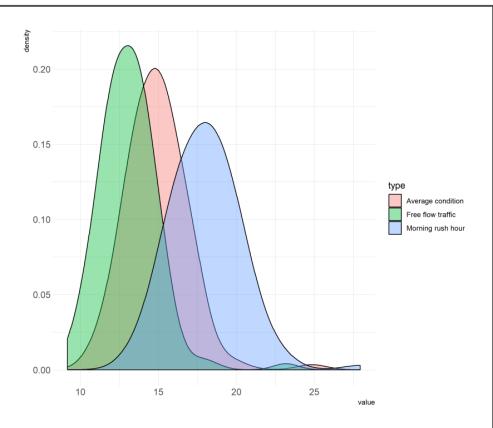
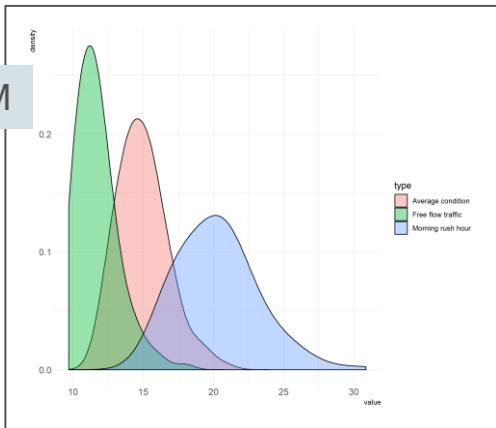


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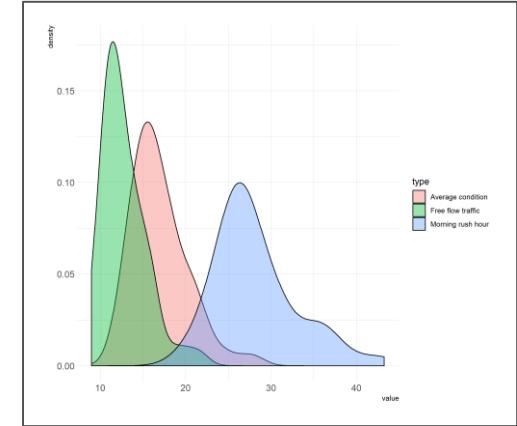
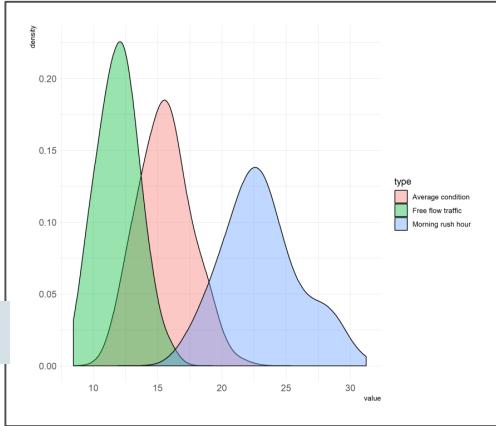
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TIME HISTOGRAMS

AMSTERDAM



GLASGOW

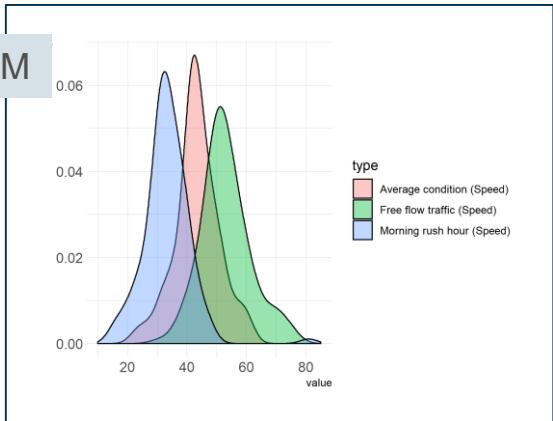


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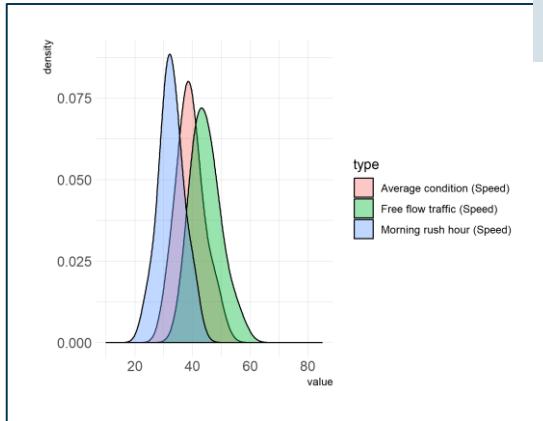
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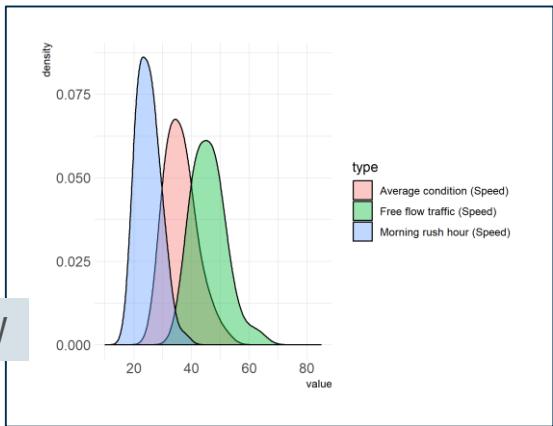
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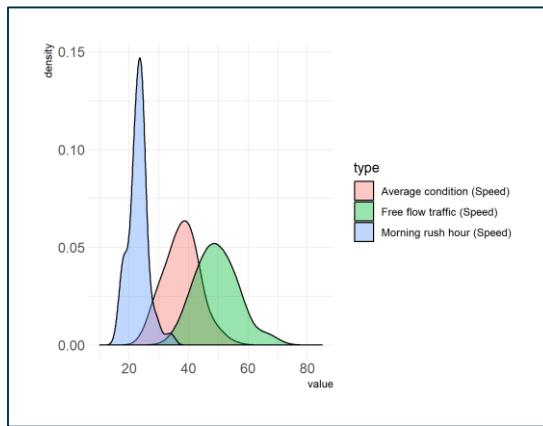
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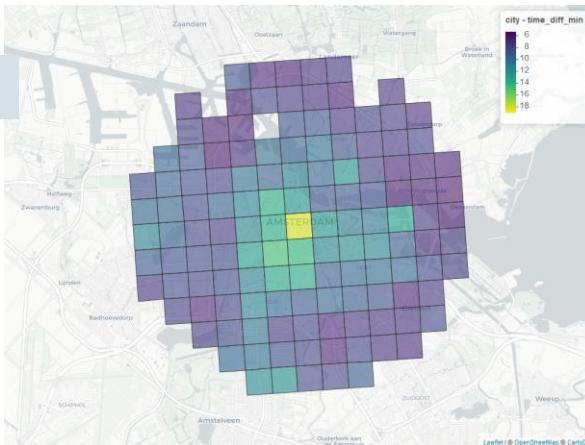


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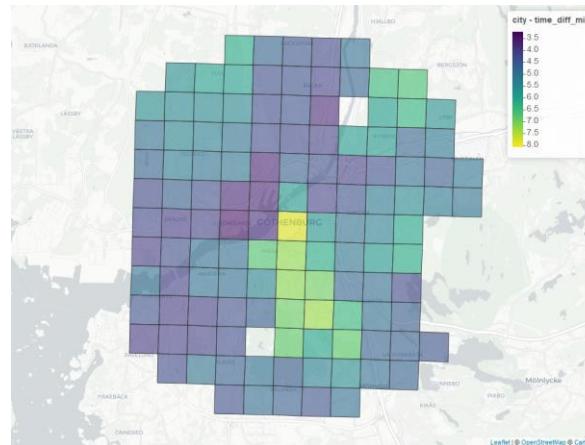


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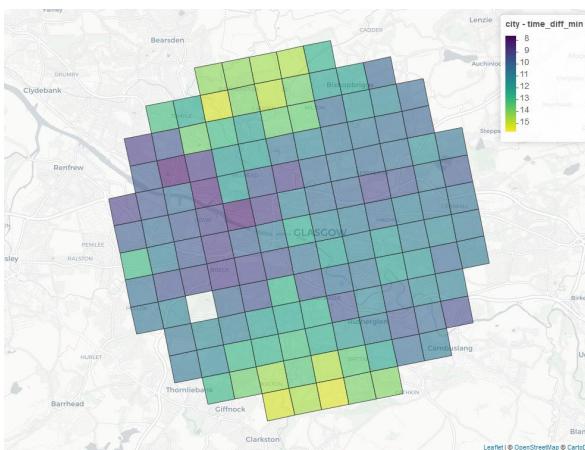
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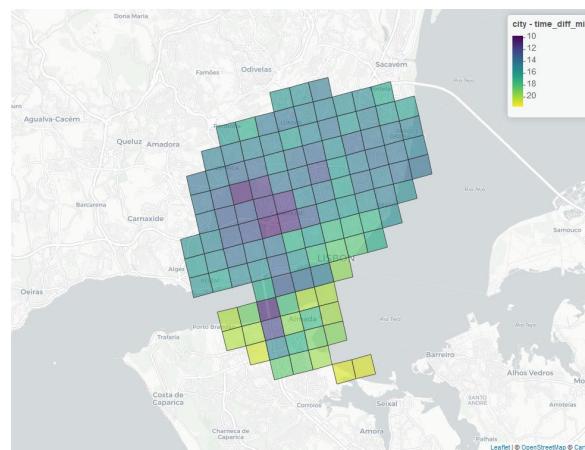
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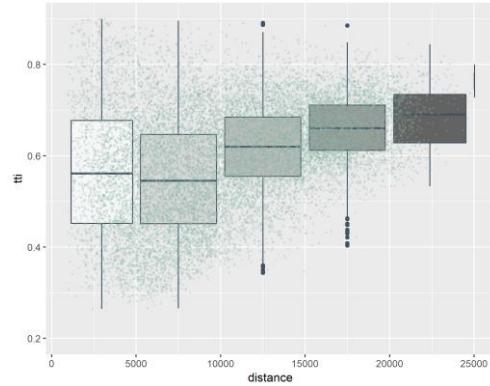


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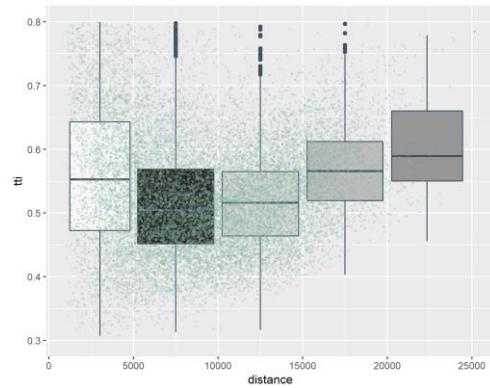


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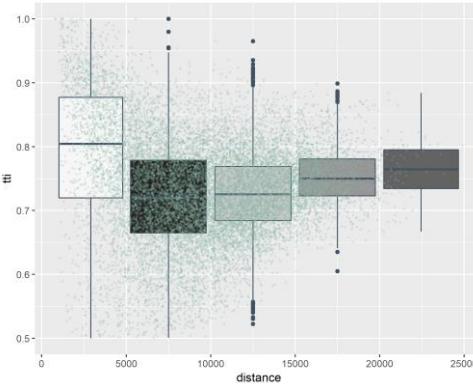
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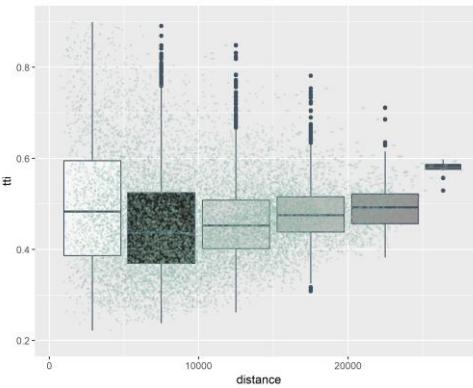
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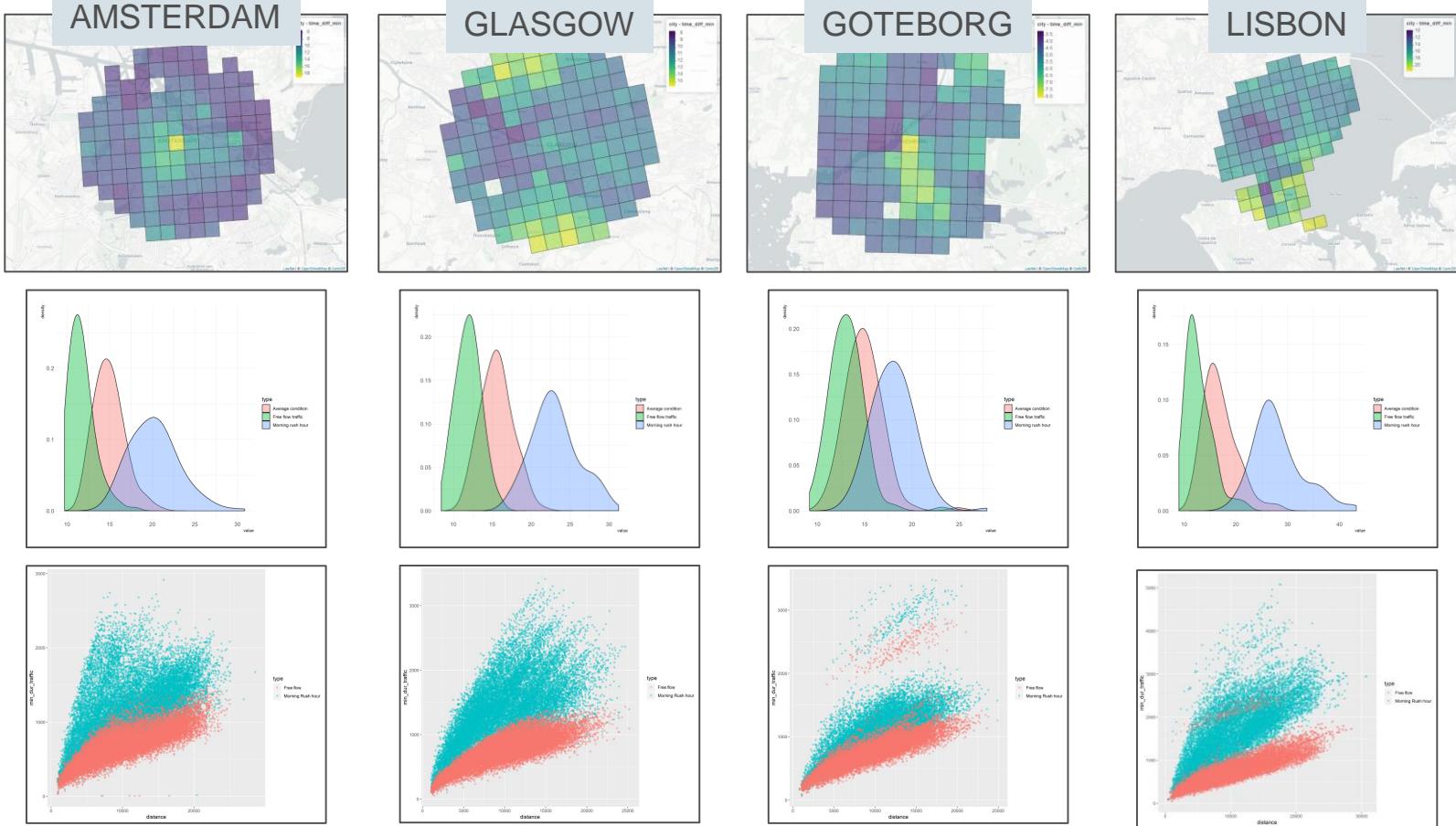


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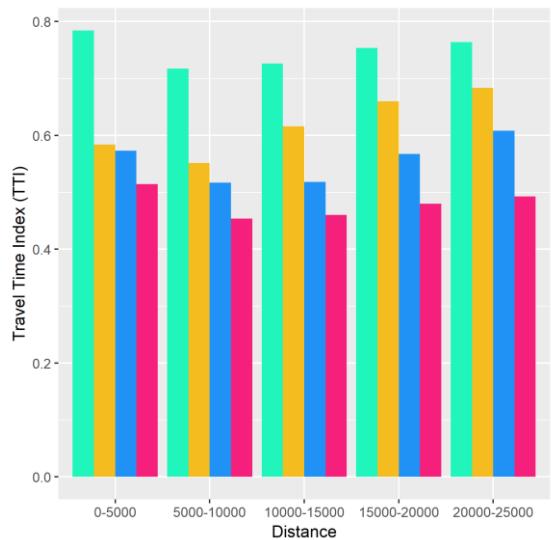
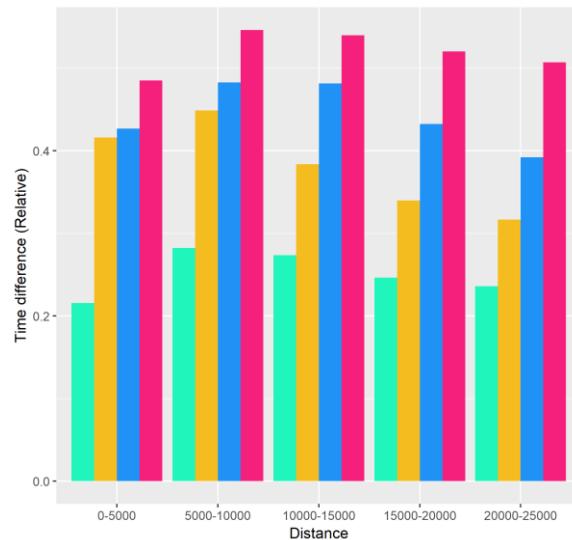
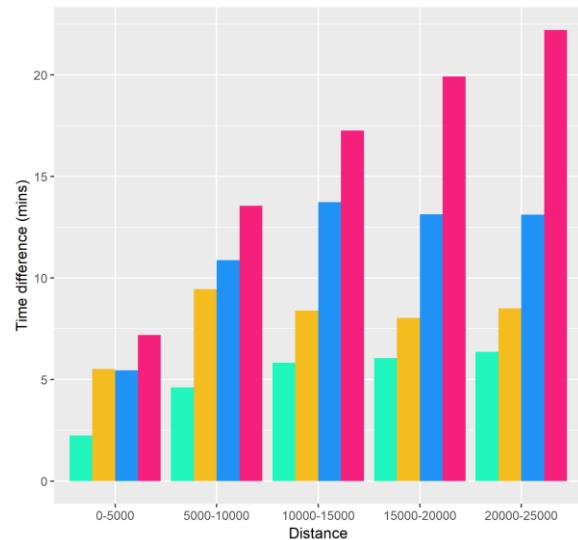


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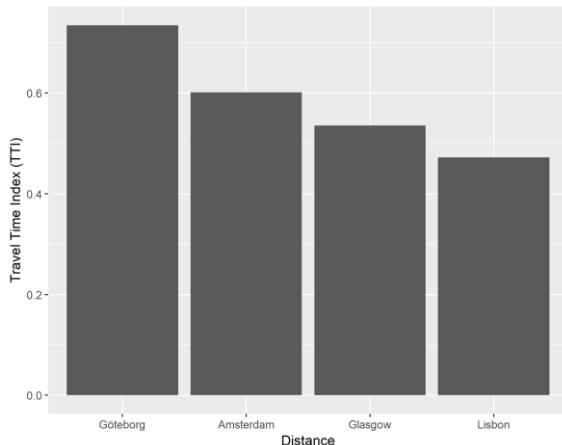
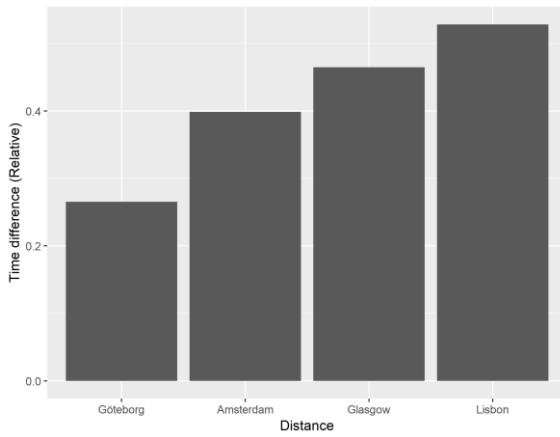
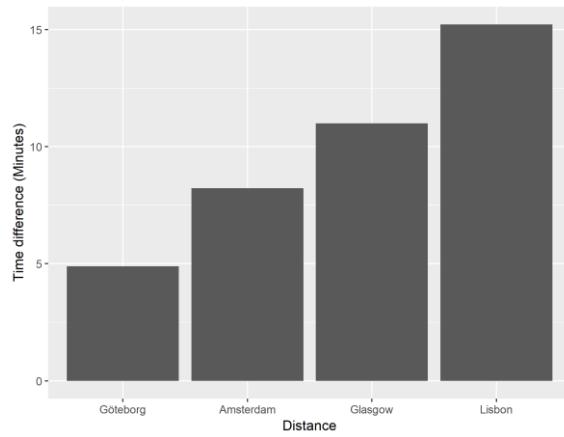


MEAN VALUES

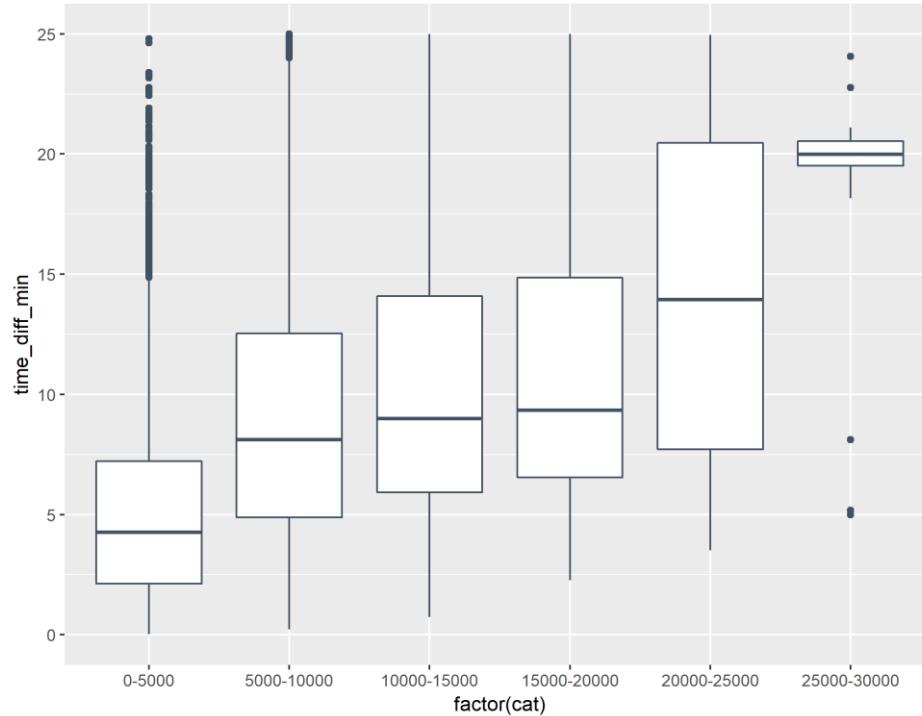


Case Studies
Göteborg
Amsterdam
Glasgow
Lisbon

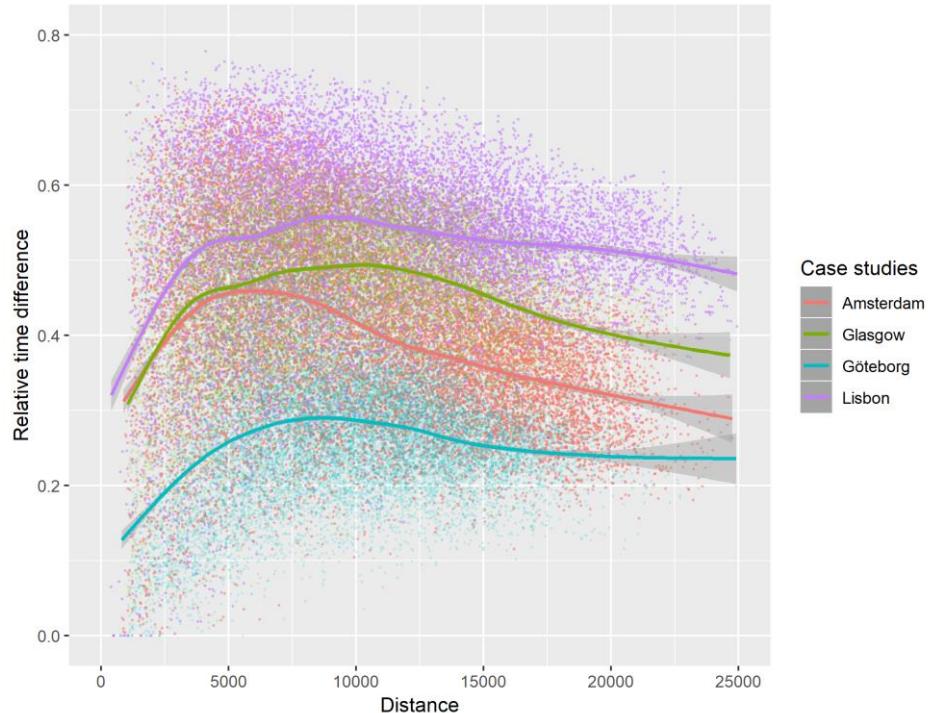
MEAN VALUES



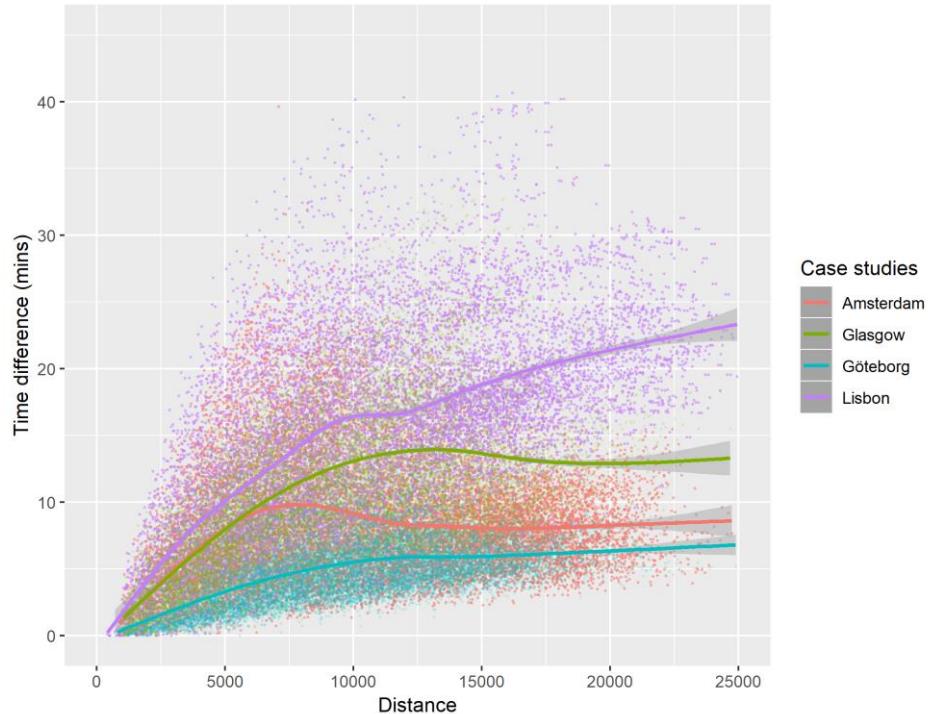
OVERALL



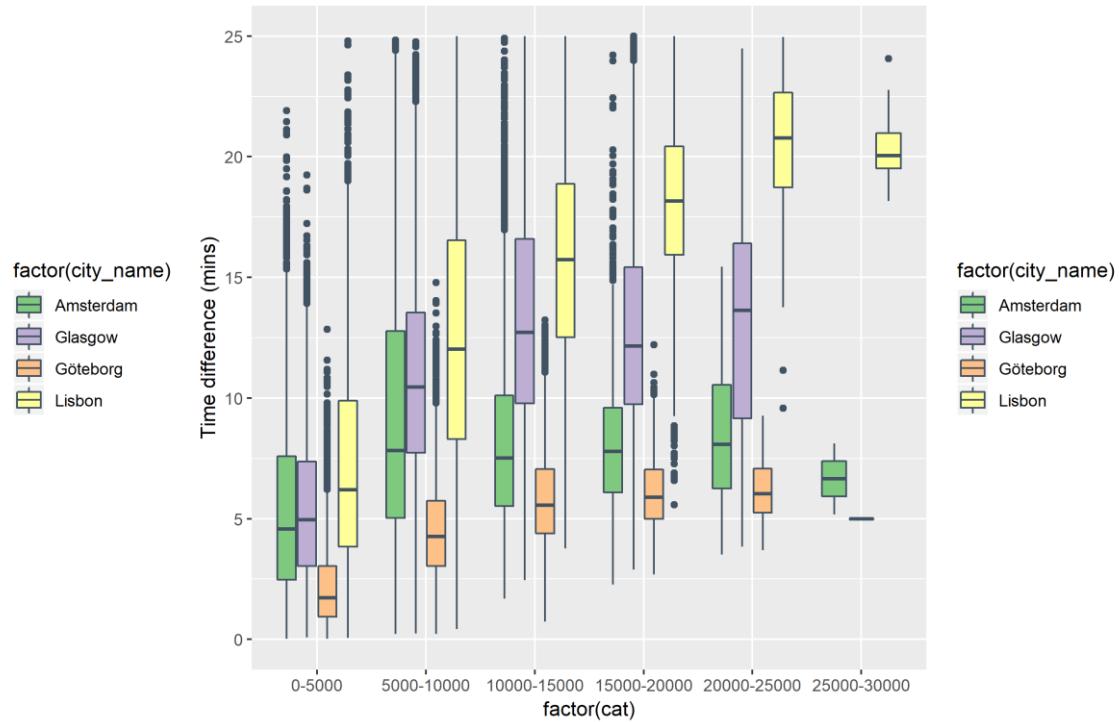
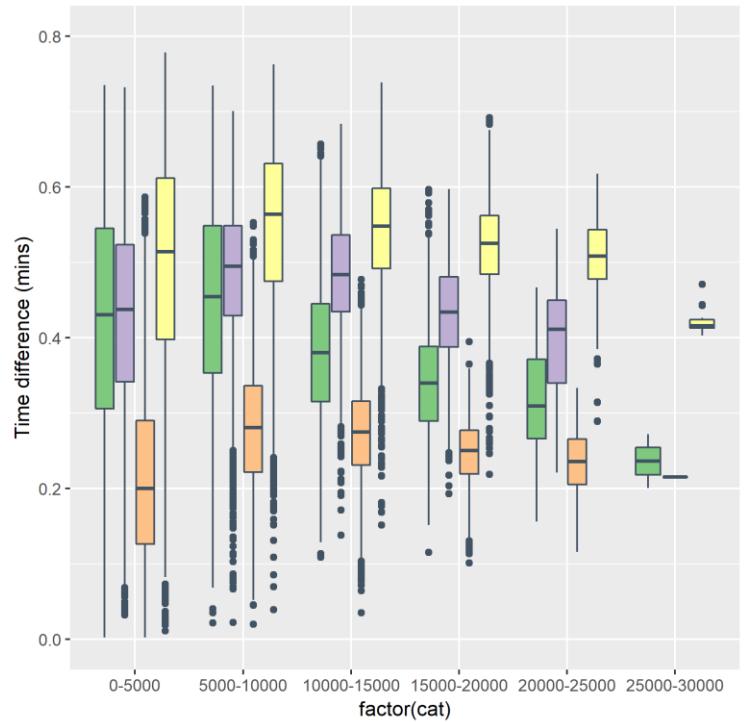
COMPARISON



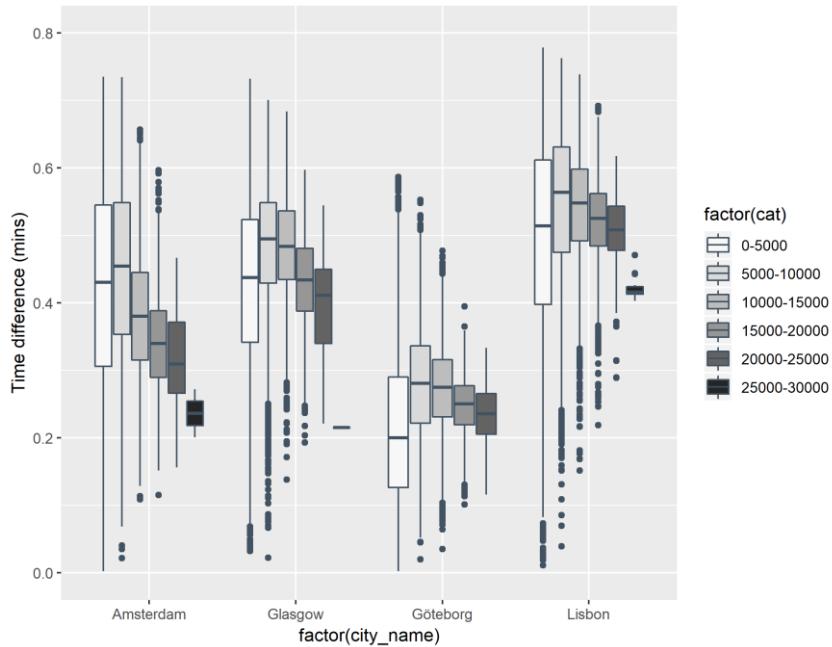
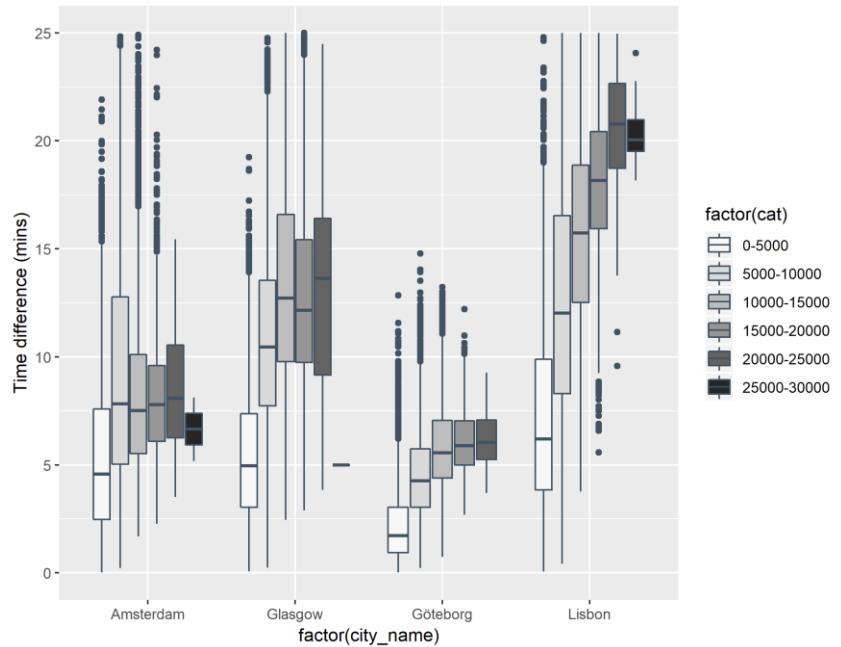
COMPARISON



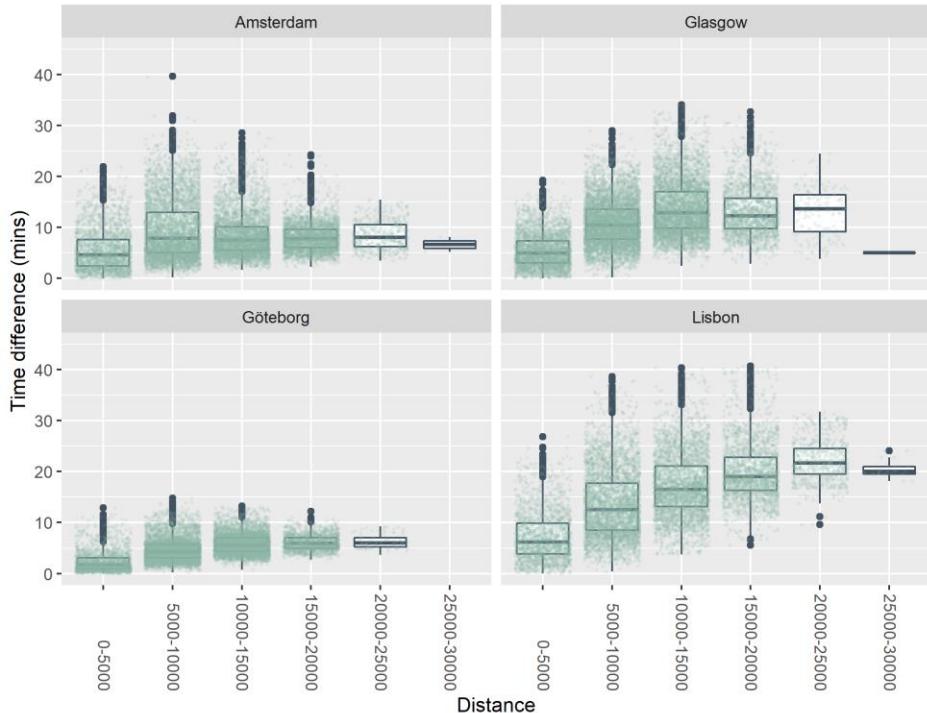
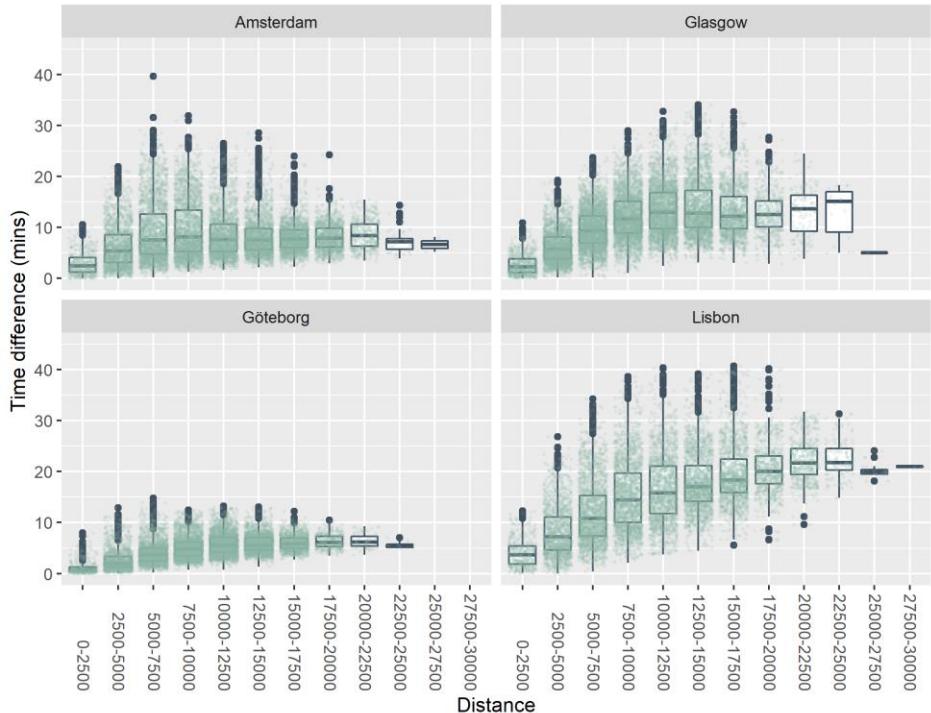
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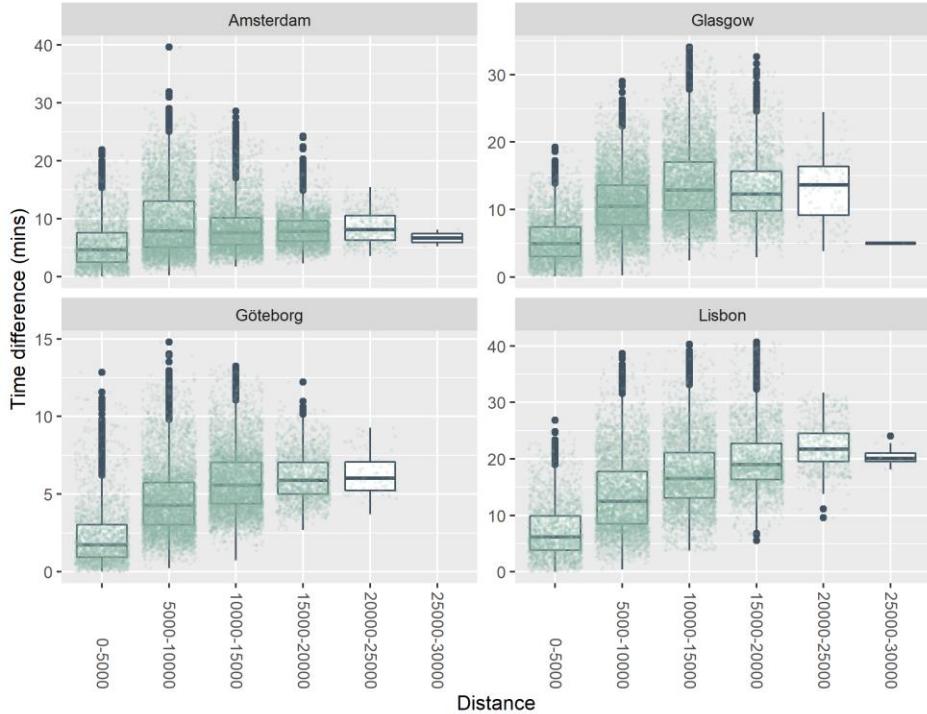
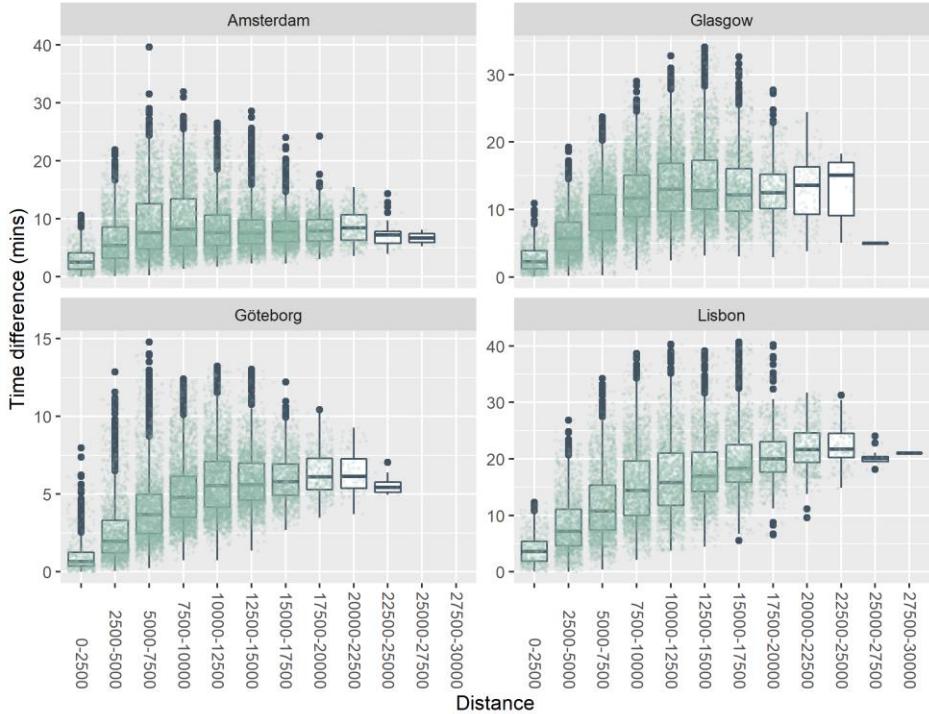
COMPARISON



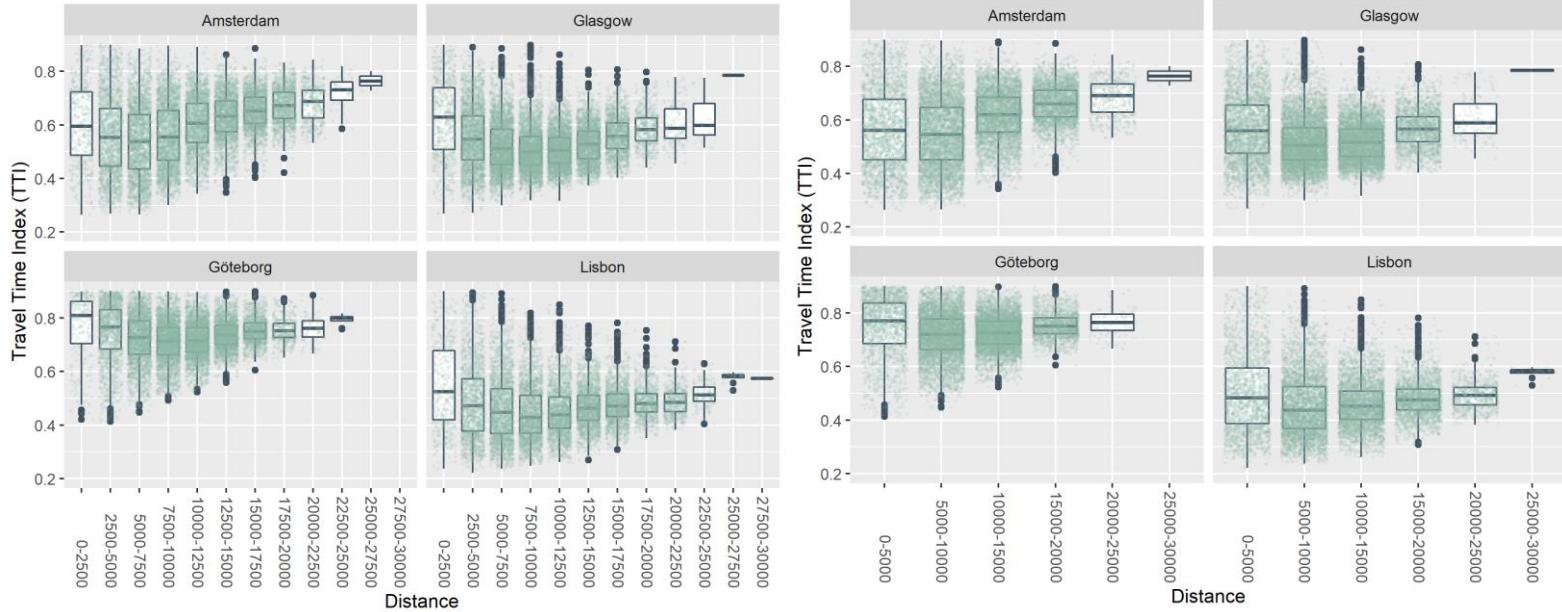
TIME DIFFERENCE



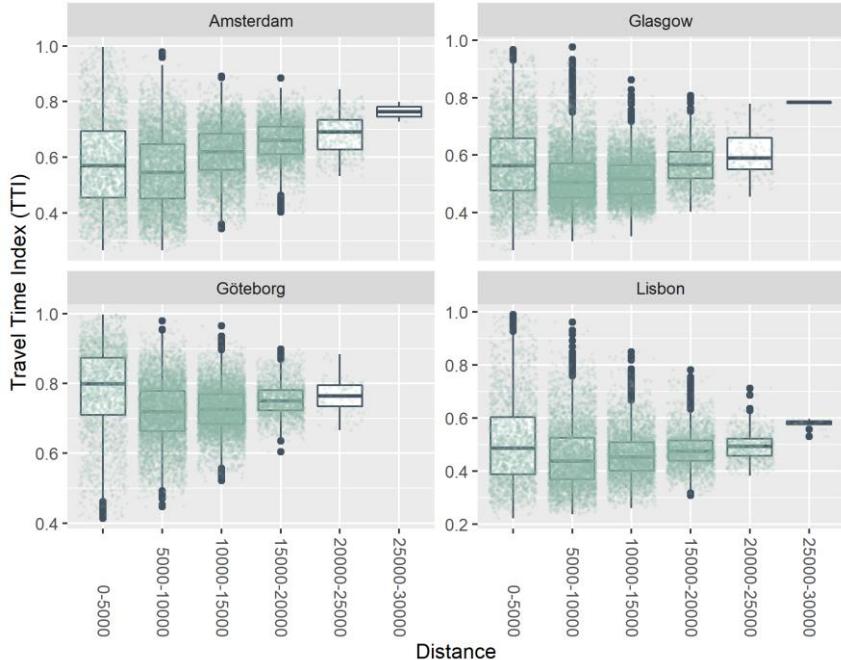
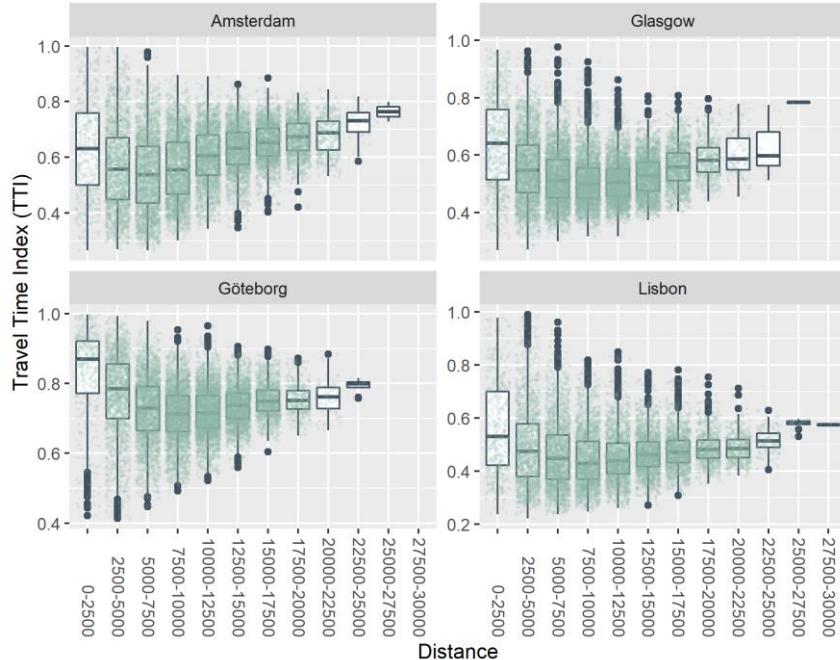
TIME DIFFERENCE (FLEX)

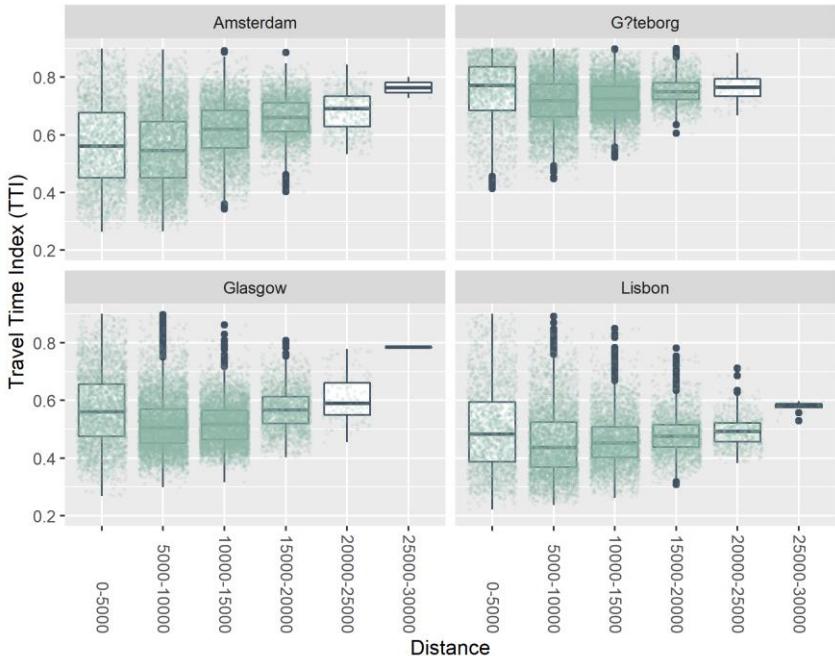
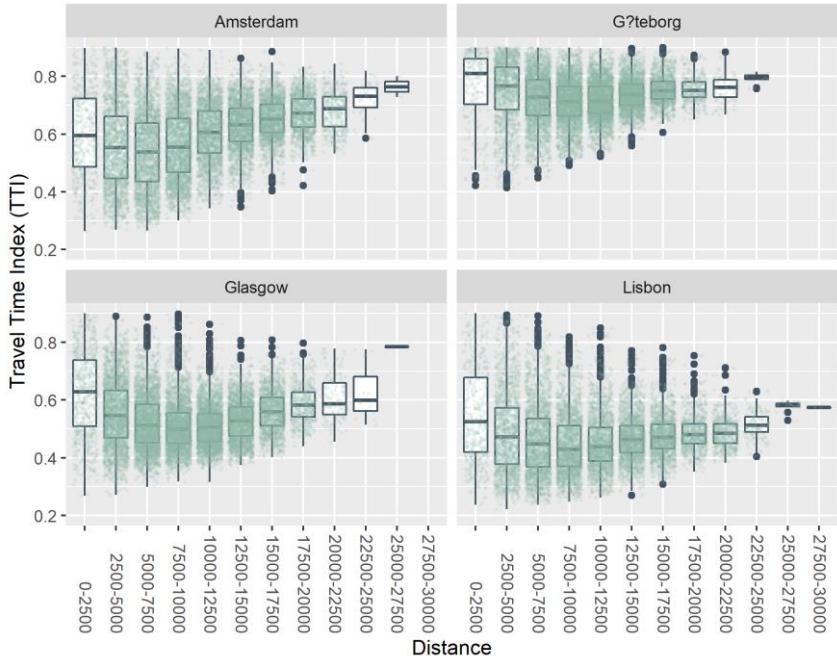


TIME REL

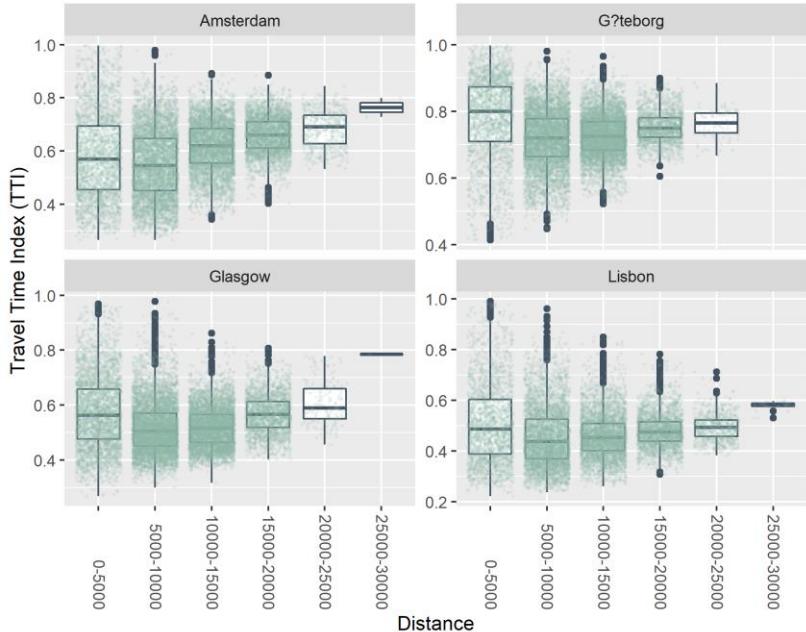
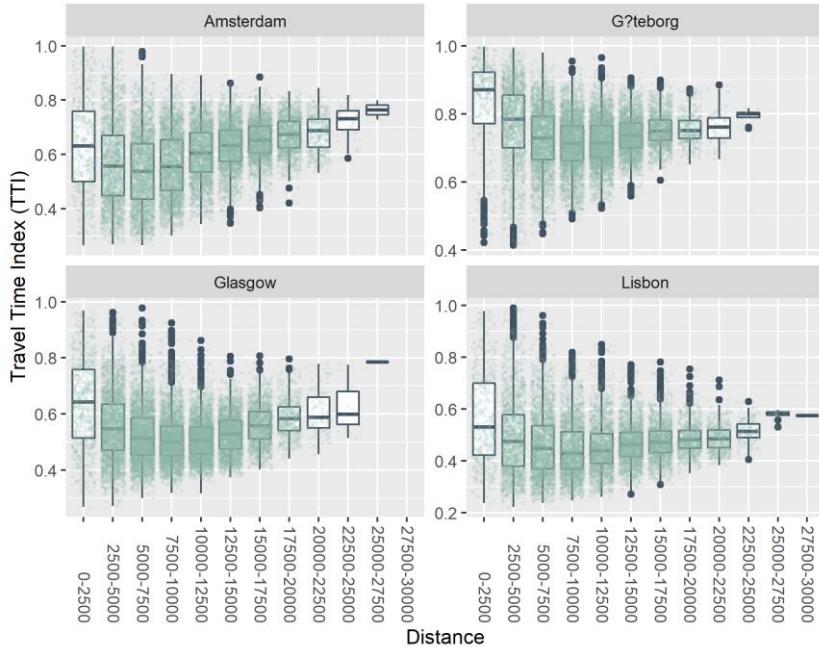


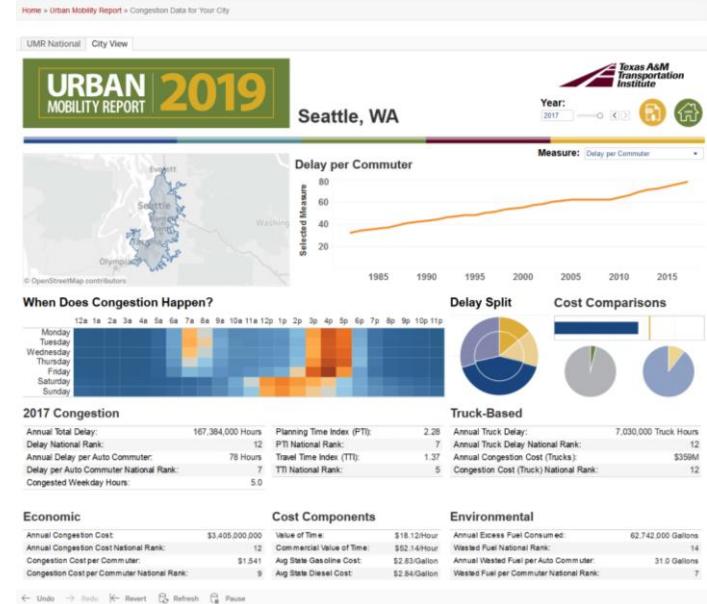
TIME REL (FLEX)





TTI (FLEX)



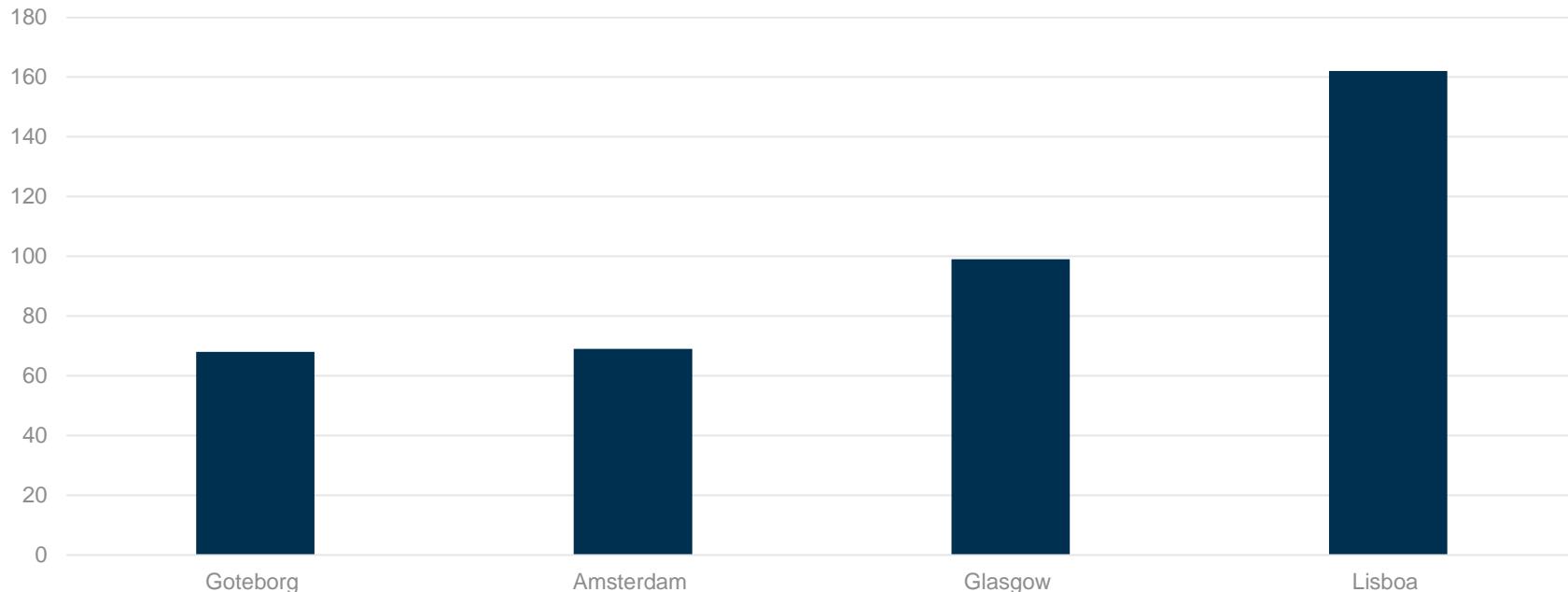


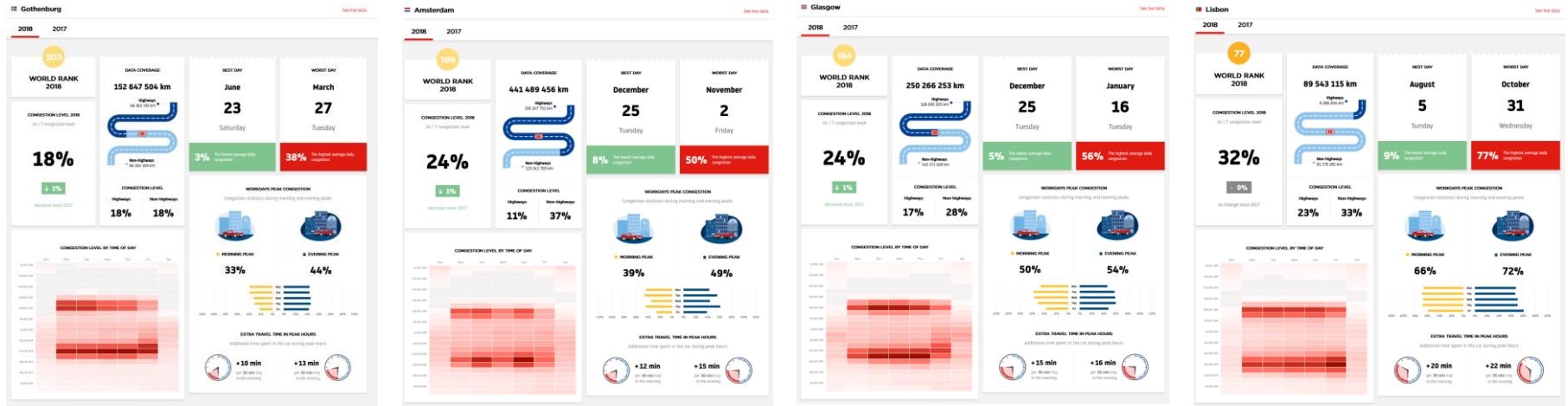
<https://mobility.tamu.edu/umr/congestion-data/>

INRIX CONGESTION INDEX

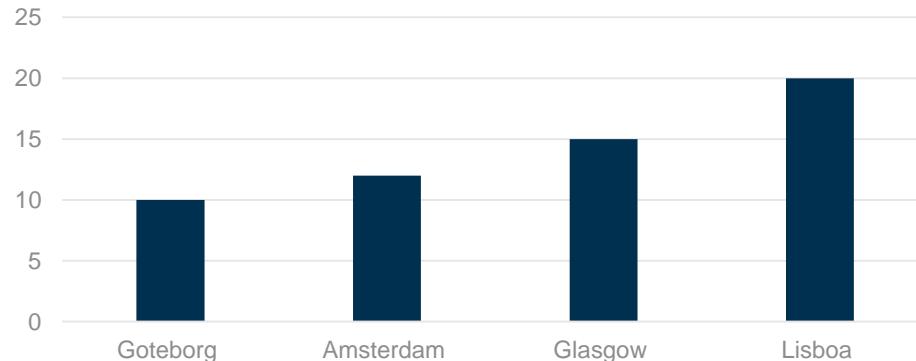
Hours lost in Congestion

<http://inrix.com/scorecard/>





Additional time in rush hours



https://www.tomtom.com/en_gb/traffic-index/ranking



CHALMERS