

# Chronotope City: New York

## Project description

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Chronotope City project explores the need for spatio-temporal coordination among commercial services / functions in densely populated urban environments.

This need is clearly determined by commercial rent spikes in certain urban locations caused by their over-popularity.

The drain of reasonable commercial and social services out of those highly expensive locations is a logical outcome, though. Reasonably priced commercial activities are getting squeezed out.

Would simply the extension of working hours, or time coordination and time-sharing arrangements among the affected functions with regards to the jointly rented space help?

Habidatum study shows that commercial diversity in some over-demanded urban locations may start declining.

This kind of development represents the trend opposite to the one we often evidence in less expensive, less active and less diverse “peripheral” neighborhoods.

High commercial rent may become a limitation for businesses to enter local market, hence the supply of commercial activities and consumer flow may start contracting, with commercial real estate price growing.

The objective of the study is to test this hypothesis using actual data on the amount and diversity of commercial activities, consumer flow and rent level of the commercial spaces.

Habidatum believes that commercial time-sharing could bring average commercial rent down and catalyze the diversity of economic and social activity.

Getting coordinated in time through sharing the same space, commercial activities can save on rent and settle more profitable urban outlets.

Where and how can that happen first and what should that lead to?

We invite you to look into the future of chronotope cities by joining the exploration of commercial time-sharing potential through visual data analysis interface.

If you have any questions and thoughts about the project and in case you plan to join our further studies, please ask (at) [habidatum.com](mailto:ask@habidatum.com): [ask@habidatum.com](mailto:ask@habidatum.com)

### Case-study: New York City, 2015

Unit of analysis: street crossing

Indicators:

Commercial rent - current year's market price of commercial real estate around a crossing in USD per square foot

Commercial diversity - the number of unique commercial activities around a crossing

Activity period - the active period of yellow taxi pickups from a crossing in hours

Model:

3 filters control the diagram and the map through the range of values for each of the indicators

3D diagram shows interrelation between the rent, diversity and activity

Manhattan map shows the geography of areas with the selected characteristics

Zoom-control and popup windows serve detailed analysis of specific areas