

Preferred citation style

Axhausen, K.W. (2024) If we model the evolution of travel behavior, what is the starting point?, Discussant's comments, TUM ABM; Symposium, Monastery Raitenhaslach, December 2024.

If we model the evolution of travel behavior, what is the starting point?,

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ETH

Eidgenössische Technische Hochschule Zürich
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What will/does change ?

The high density city? The e-bike city: A brief video

Facets

Background trends/facts

- Smaller and older households
- One licence = 1+ cars
- Growing space consumption (income growth (?), smaller households)
- More in-home entertainment
- More infrastructure so far by BAU policies adding accessibility

(Travel) behaviour changes

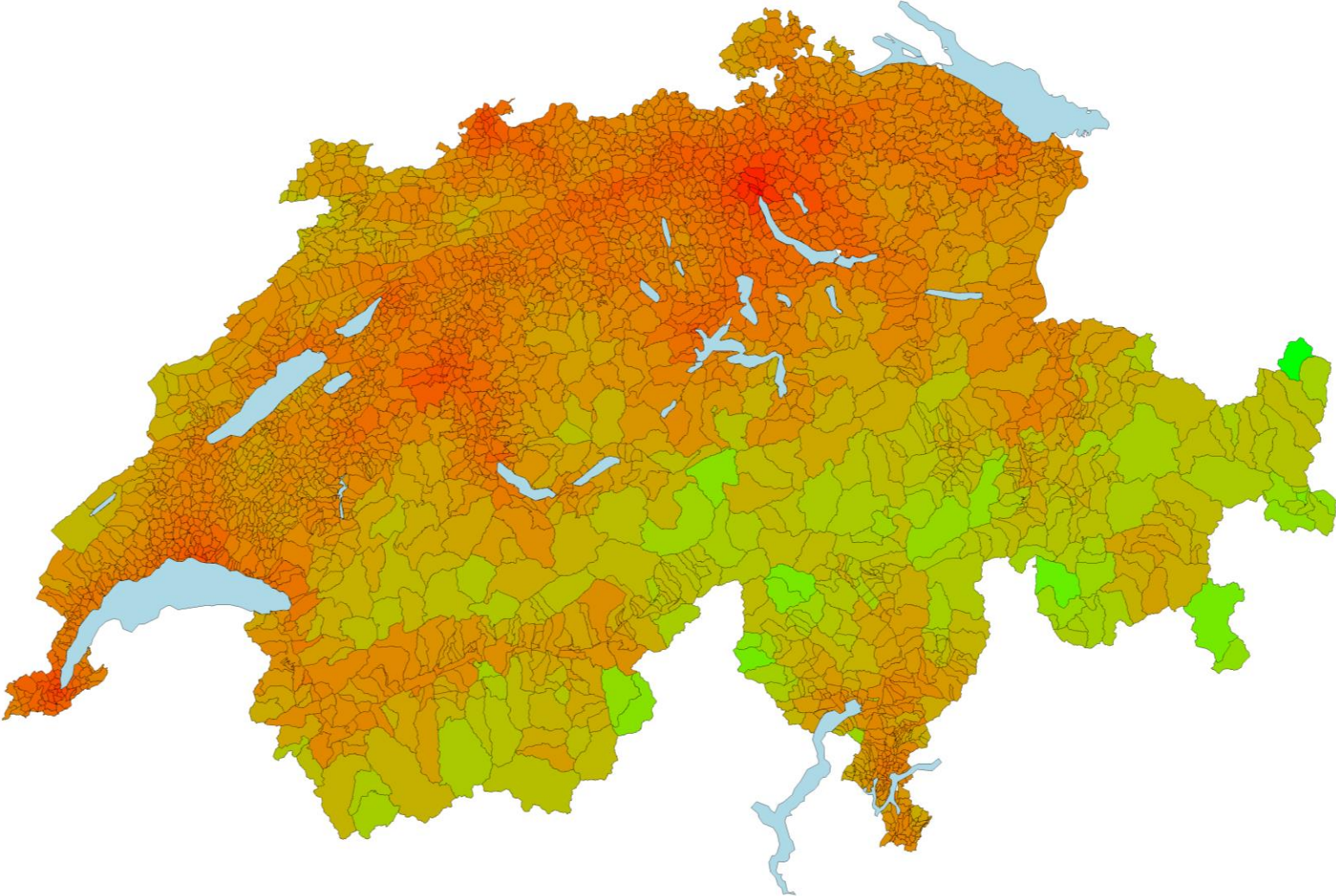
- WFH
- Less PT commitment
- More e-commerce and more “zoom”-meetings
- Higher VMT
- Availability for work shifts its position during the day

Modelling challenges

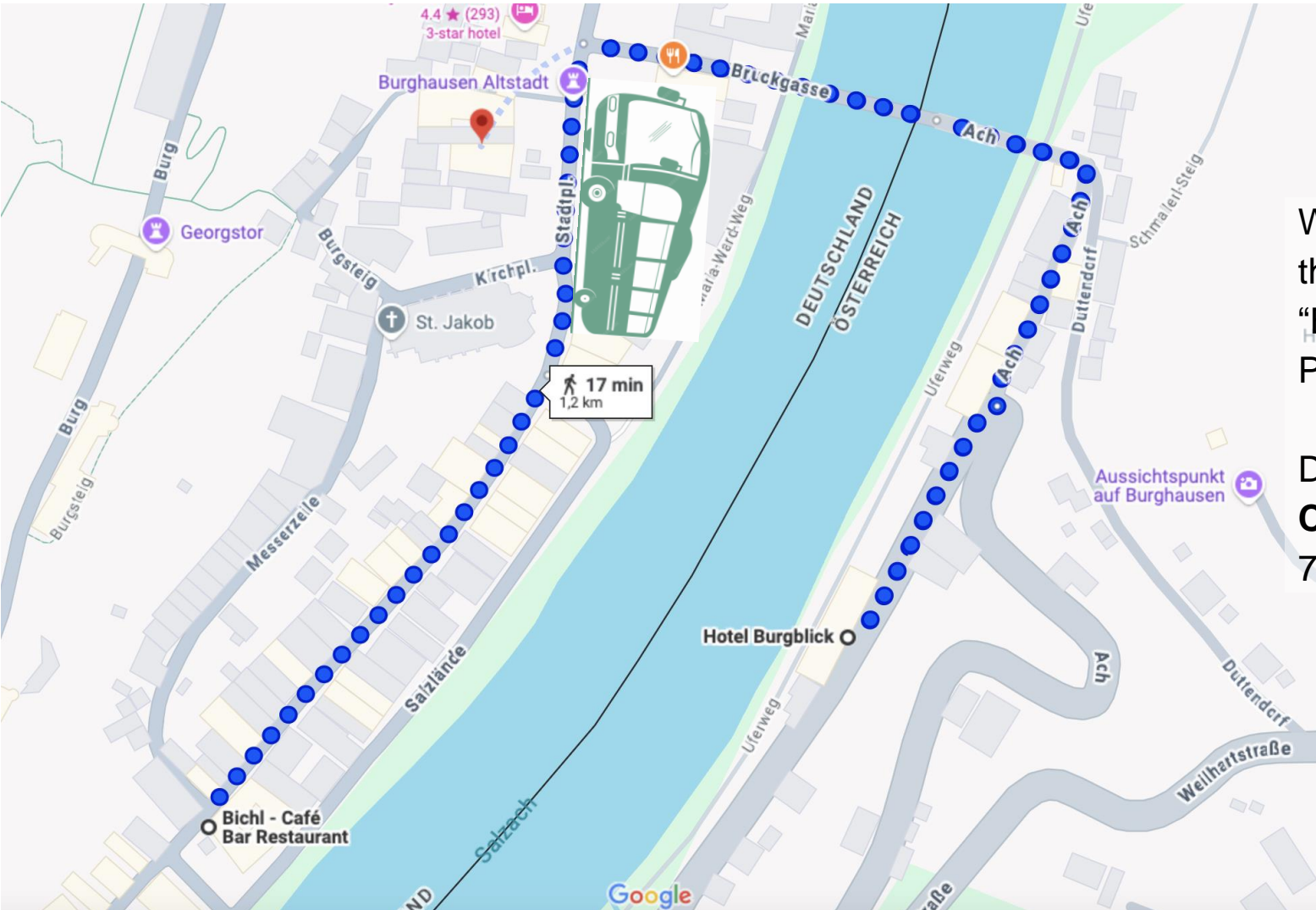
- Self-selection into an accessibility class and mobility tool ownership (and work conditions)
- Path choice as the paradigm
- Schedule utility function (e.g. OASIS)
- Merger of destination and route choice
- Season-appropriate models for seasonal differences
- Consistency of behaviour (at home versus at vacation)
- Life cycle models

Challenge: Reallocating and stabilizing accessibility?

Loder and Axhausen , 2018: Generalised accessibility



Directions



We will leave from the hotel lobby “Burgblick” at 6:45 PM.

Dinner starts at **Café Bichl** at 7:00 PM.

Questions?

- www.ivt.ethz.ch
- www.ebikecity.ch