

Supporting Decision Makers in Local Transport Planning by means of a Bike Affinity Index

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Dieses Projekt wird vom bmvit gefördert und im Rahmen des Programms „Mobilität der Zukunft“ durchgeführt.

General informations

- Online quantitative survey
- Field time: April/May 2017
- Target group: 444 Upper Austrian municipalities (communities)
- Response rate 55%, adjusted dataset n=242

Focus:

- cycling mind-sets, attitudes

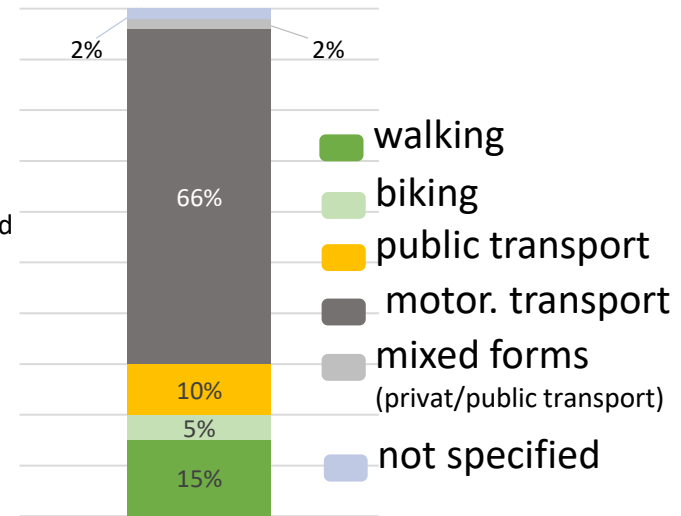


General informations

Map of Austria



Modal Split
Upper Austria
2012



General informations about the online survey

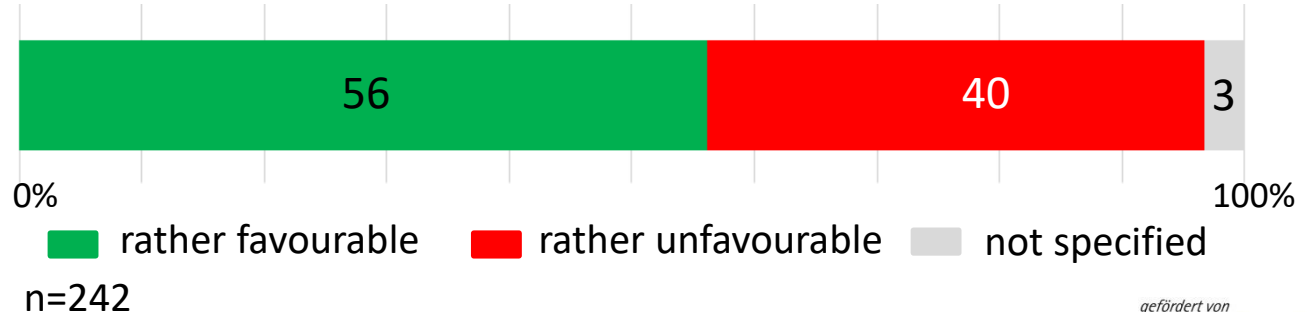
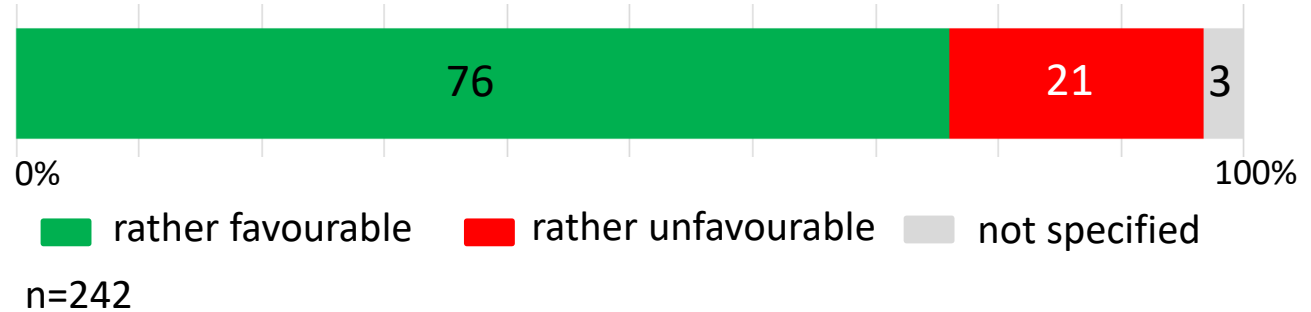
Focus:

- Quantitative database
- Bike Affinity Index for supporting decision makers
- Possible implementation in ACTIVE8 at a later stage
- How it works? – Checking for accuracy



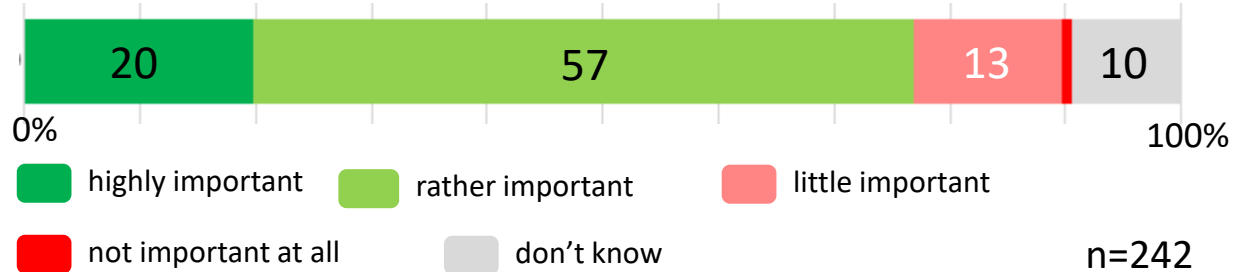
Selected results

Conditions for using the bicycle for EVERYDAY or LEISURE trips in the municipality

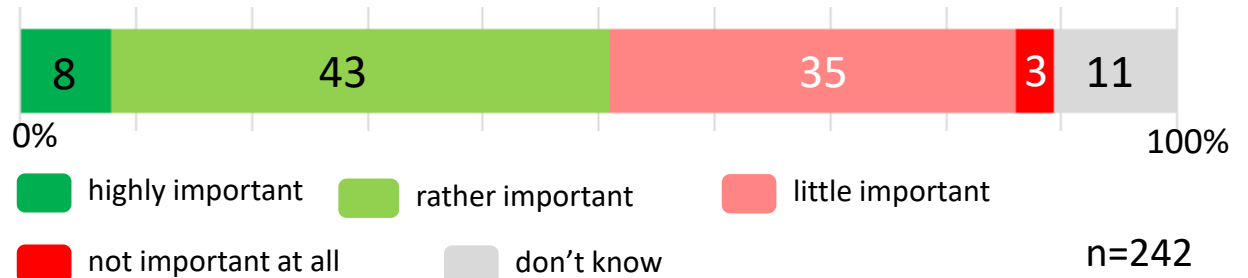


Selected results

Importance of **mobility** in general in the next few years



Importance of **cycling** in the next few years

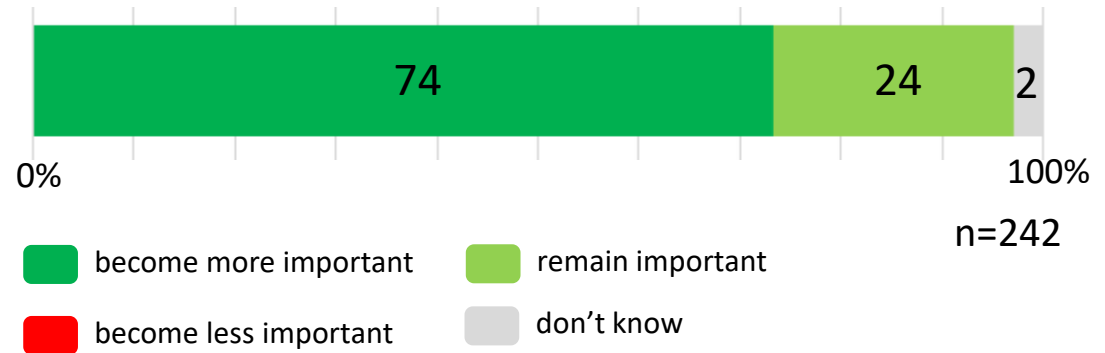


Selected results

How important will cycling be in the future?



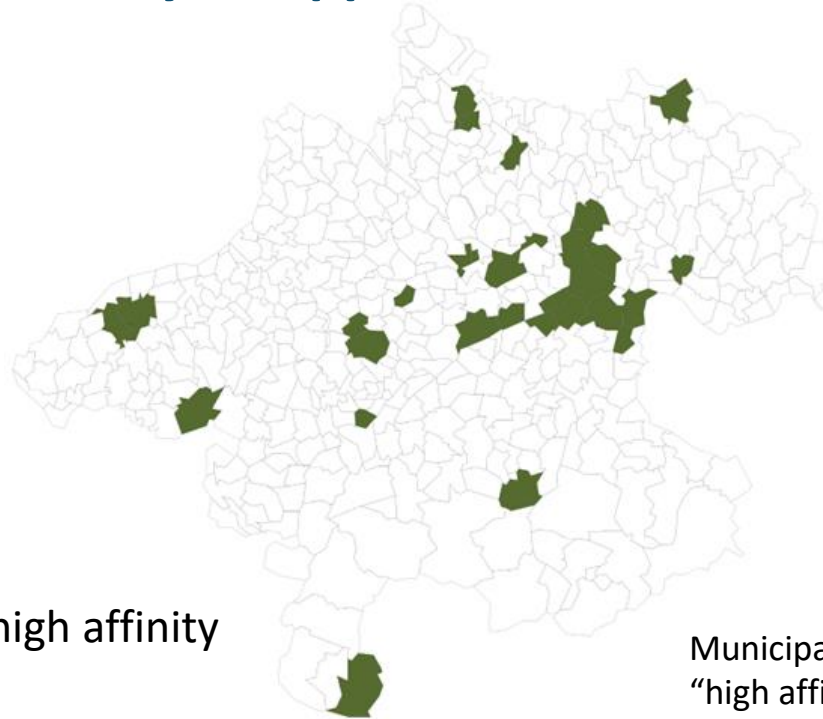
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Building the Bike Affinity Index

- 4-scaled aggregate (non-weighted) Index
- 17 used variables
- iterative procedure
- Bike Affinity Index and statistical model “ACTIV8”

Bike affinity in Upper Austria



 high affinity

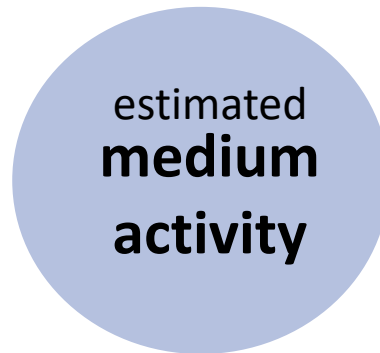
Municipalities in Upper Austria based on Bike Affinity Index
“high affinity” (2017)
n=213

Bike Affinity Index	percentage [%]
high affinity	13
affinity	38
little affinity	39
no affinity	10

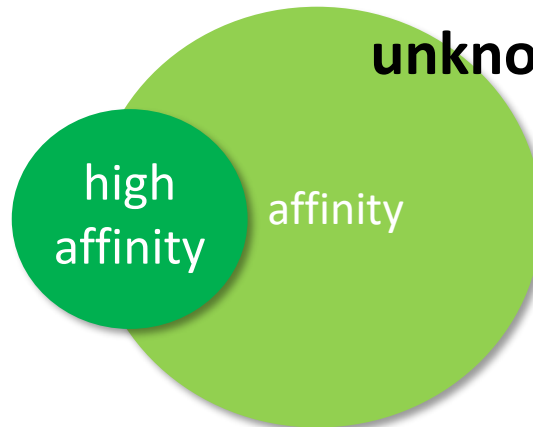
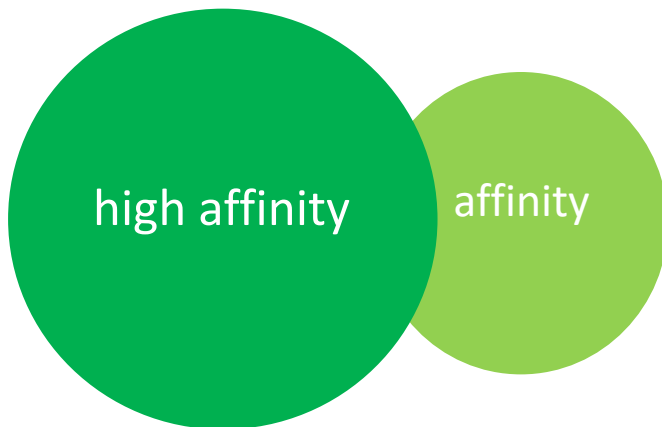
n=213

Verification of Bike Affinity Index

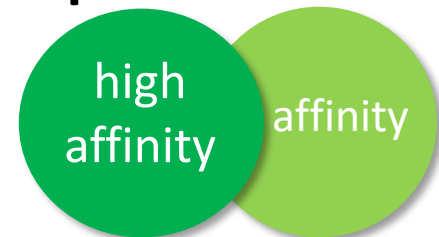
external
data
for 108
communities



Bike
Affinity
Index
n=108



unknown potential



ACTIV8

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komobile



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