



Universität
Basel

Research Project

Valuing public investments to support bicycling

Project funded by own resources

Project title Valuing public investments to support bicycling

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Organisation / Research unit

Departement Wirtschaftswissenschaften / Public Economics / Public Finance (Hintermann)

Project start 01.01.2013

Probable end 01.12.2014

Status Completed

We develop a framework for assessing the net benefits of investments to promote bicycling, which explicitly accounts for internal costs of bicycling. We apply our model to eight Swiss cities using data from the Swiss national travel survey and find that increasing the level of bicycling by reducing internal costs leads to inframarginal benefits that exceed the net benefits from the additional bicycling. We further find that Swiss cyclists only partially internalize health benefits, which increases the benefits from infrastructure investments but also implies that there is scope for “soft” measures that inform users about health benefits of bicycling.

Keywords Cost-benefit analysis, health impact assessment, bicycle, valuation, internal cost, health benefit, VSL

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Add publication

Published results

2736410, Götschi, Thomas; Hintermann, Beat, Valuing public investments to support bicycling, 0303-9692, Swiss journal of economics and statistics, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

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