SVI 1998/090

Sensitivity of changes in supply and prices in passenger traffic

Sensitivitäten von Angebots- und Preisänderungen im Personenverkehr

Funding: National (Switzerland)
Duration: Apr 1998 - Mar 2000
Status: Complete with results

Background & policy context:
NA

Objectives:

It was the aim of the scientific study to estimate the elasticity of demand in Switzerland's passenger traffic with classic methods on the basis of new empiric data.

Another goal of the study was to identify advantages and disadvantages of newer methods of estimating the elasticity of demand and to assess these methods with regard to their applicability on Swiss conditions.

The result of the study should represent a basis for different political measures in the field of transport to estimate effects of demand at least roughly.

Methodology:

The main focus of the study lies on the following points:

- **Classical elasticities**: There will be an overview over the research and literature to this issue. Thereby, Swiss as well as foreign studies are being taken into account. Further, elasticities for Switzerland are being calculated/estimated. Afterwards, the estimated elasticities for Switzerland are evaluated: the elasticities are compared with existing research results and general conditions for their applicability are defined.

- **Stated-Preference-Analysis**: Potentials and limits of the stated-preference method for the determination of elasticities of demand are identified. The task in the part is limited to the presentation of the method of the stated-preference concept by showing analyses of existing examples of use and recommendations.

Related Projects:

NA

Parent Programmes:
SVI - Swiss Association of Transportation Engineers (various projects)

Institute type: Private foundation
Institute name: Association of Transportation Engineers
Funding type: Public (national/regional/local)
**Partners:**
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**Key Results:**
NA

**Policy implications**
NA

**STRIA Roadmaps:** Network and traffic management systems
**Transport sectors:** Passenger transport
**Transport policies:** Societal/Economic issues