

„Analysis of transport demand changes resulting from adjustments to passenger rail service offerings”

The task is to analyze transport demand changes due to adjustments of rail services. To influence transport demand on rail networks e.g. cycle times can be changed, or travel times and ticket prices can be adjusted. These measures influence the quality of the service provided. Based on a literature review, the aim is to analyze which parameters are relevant and how changes of operating concepts affect mobility behavior. It is also to be investigated whether the effects differ for different modes of transport (e.g. train, light rail or subway). Finally, the impact on transport demand of different variants must be estimated using different fictitious application scenarios, that consider at minimum the aspects of vehicle sequence times and travel times.