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How citizens' well-being is affected by the urban transport environment. A conceptualization of a two-level hierarchical regression model.

The impact of urban mobility environments on well-being is crucial for cities and their planning activities. Despite its importance, there are very few empirical studies investigating mobility environments and its antecedents in transport research literature. This study contributes to bridging this gap by conceptualizing a two-level model. Drawing on a nested dataset from the Top German cities, the results of a two-level hierarchical regression model show that psychological need satisfaction as antecedents of motivation and well-being are influenced by the city's transport environment. Based on the empirical results, the paper discusses the implications for theory, city planners and transport providers.