

Supplementary Materials:

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Table S1. List of Abbreviations.

Abbreviations	Description
CFI	Comparative fit index
CO	Carbon monoxide
CO ₂	Carbon dioxide
GDP	Gross domestic product
GDP_PC	GDP per capita (RMB)
MPK_SHR	Urban rail passenger kilometers share
MTR_DEN	Urban rail line density (km/km ²)
NFI	Normed fit index
NO ₂	Nitrogen dioxide
POLYCENT	Number of urban centers
POP	Urban population (thousand persons)
POP_DEN	Urban population density (person/km ²)
R_CO2	Carbon emissions from on-road vehicles (10 ⁴ tonnes)
RMSEA	Root mean square error of approximation
TLI	Tucker-Lewis Index
TOD	Transit-oriented development
VKT	Vehicle kilometers traveled
VKT_PV	Vehicle kilometer traveled per vehicle
VMT	Vehicle miles traveled
VO	Vehicle ownership (thousand vehicles)