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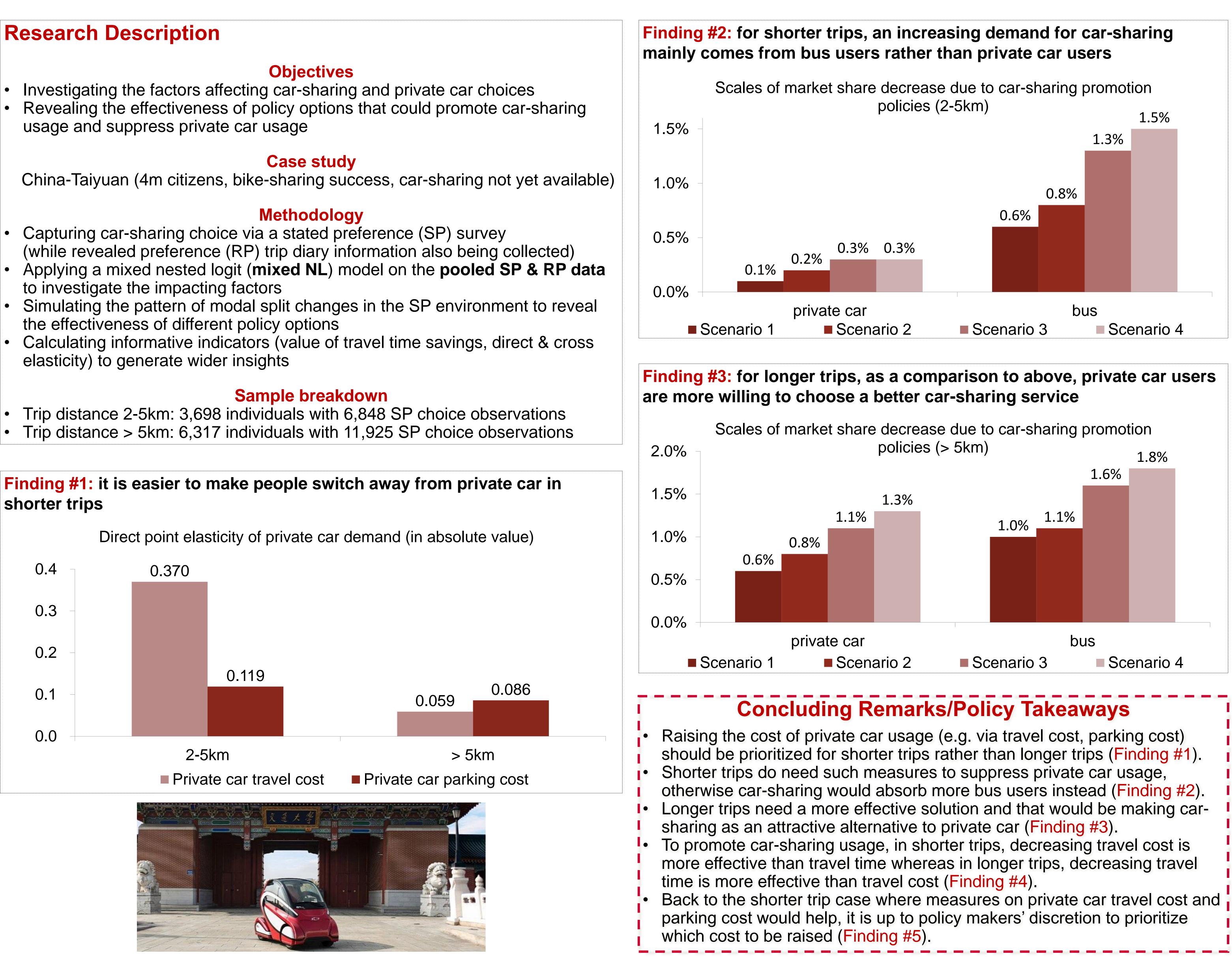
# **Policy Options to Promote Car-sharing while Suppressing Private Car Usage: An Analysis by Trip Distance**

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## **Research Description**

- to investigate the impacting factors
- the effectiveness of different policy options
- elasticity) to generate wider insights

## shorter trips

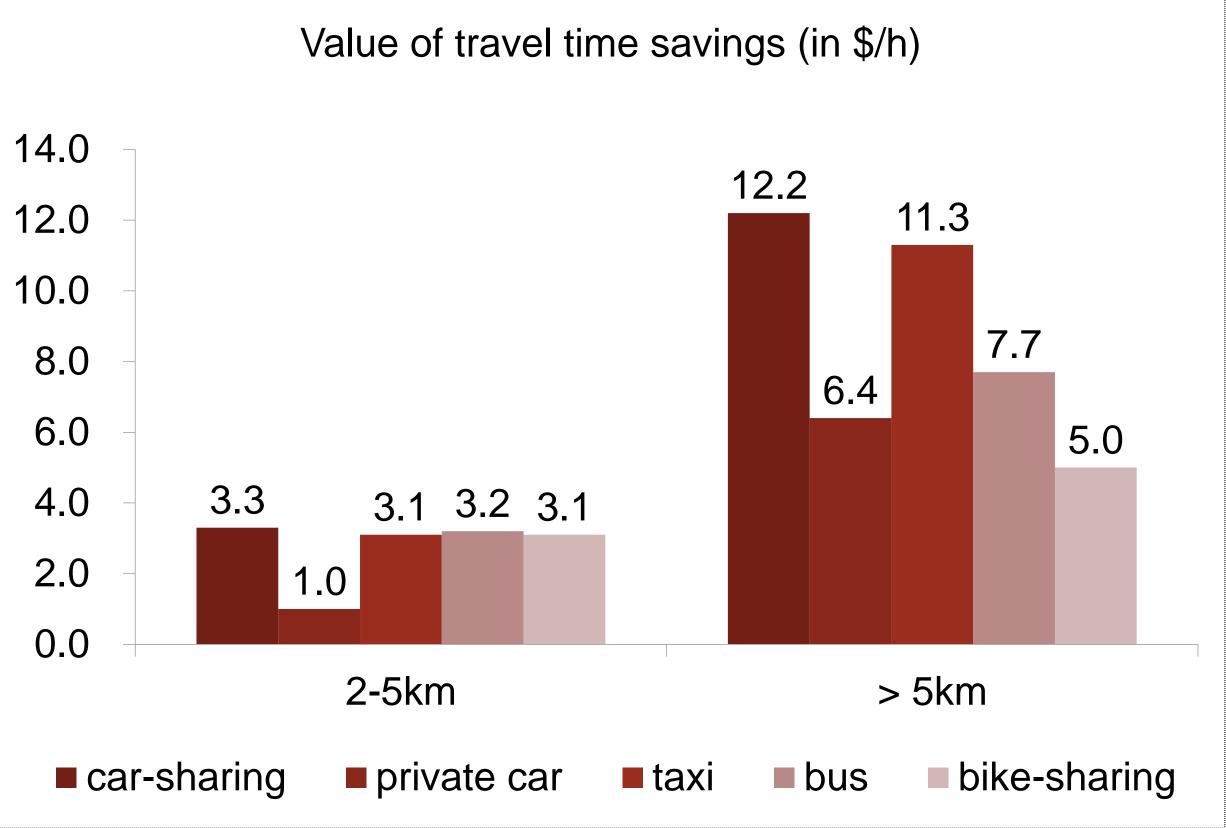


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## **Finding #4:** the value of travel time savings increases with trip distance for all modes



### **Finding #5:** for shorter trips, there is not a clear preference in real practice between raising private car travel cost or parking cost for suppressing private car usage

- The elasticity results (0.370 vs 0.119, see Finding #1) indicate that travel cost increase is a more effective measure than parking cost increase;
- However, in real practice, parking cost increase usually has higher policy flexibility than travel cost increase—private car travel cost (i.e. fuel cost) heavily depends on market oil price whereas parking cost is often a rather local issue and less constrained for adjustment.
- The simulation results show that a hypothesized 20% travel cost increase is equally effective to a hypothesized 50% parking cost increase.





