



HOUSEHOLD TRAVEL SURVEY STANDARDIZATION DISCUSSION

INSTRUCTIONS

Break into 5 or less groups (Calculate group size live)

Hand out questions to each group.

Discuss all standardization questions.

Select two to three questions as a group to report back on (do not report on all questions to avoid repetitive discussion). Develop a 3-minute response for your consensus on the responses to these questions.

TASK TIME SINKS

1. What tasks do you spend the highest share of your time on when working on travel survey–related projects?

TASK BENEFIT OF STANDARDIZATION

- 2a. Rank the following tasks in terms of the BENEFIT of standardization for our field (1 = highest benefit, 8 = lowest benefit):
- ___ Weighting
- ___ Trip linking
- ___ Creation of unified final data schemas
- ___ Data cleaning
- ___ Visualization
- ___ Preparation for model estimation and calibration
- ___ Summarization procedures
- ___ Imputation

TASK COST OF STANDARDIZATION

- 2b. Rank the following tasks in terms of the COST of standardization for our field (1 = highest cost, 8 = lowest cost):
- ___ Weighting
- ___ Trip linking
- ___ Creation of unified final data schemas
- ___ Data cleaning
- ___ Visualization
- ___ Preparation for model estimation and calibration
- ___ Summarization procedures
- ___ Imputation

PROS AND CONS OF STANDARDIZING

3. What can be gained from standardization?

What are the downsides?

What are some challenges (e.g., across different regions/locales)?

TOOLS OR STANDARDS FIRST?

4. Should we develop shared data standards or shared tools first for travel surveys as a field?

MULTI-AGENCY COLLABORATIVE FUNDING

5. How can a multi-agency group fund collaborative efforts for standardization?

What role would such a group play in standardization?

Examples of collaboration include:

- ActivitySim (multiple agencies pooled funds to build a travel modeling system)
- GMNS / Network Wrangler (funded by multiple agencies + NSF)
- Fast-Trips (funded by multiple agencies + FHWA SHRP2)
- VisionEval
- TMIP-EMAT

OTHER WAYS TO COLLABORATE

6. What are other ways to collaborate for standardization?

The background is a deep blue to purple gradient. It features several abstract elements: a large circular scale on the left with markings from 140 to 260; several concentric circles and arcs in white and light blue; and a dense field of out-of-focus circles (bokeh) in various shades of blue and purple. The overall aesthetic is modern and technical.

THANK YOU!

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