



Time of Day Panel Meeting Notes

August 12, 2010

Attendees

- Siva Srinivasan (TOD Subcommittee Chair)
- Vladimir Majano (FDOT CO)
- Vidya Mysore (FDOT CO)
- Milton Locklear (FDOT D2)
- Betty McKee (FDOT D5)
- Arturo Perez (Leftwich)
- Kazem Oryani (WSA)
- Dan Miller (BCC Engineering)
- Cesar Segovia (PBS&J)
- Yongquiang Wu (Gannett Fleming)
- Steve Infanti (Grimail Crawford)
- Ken Kaltenbach (Corradino)
- Tom Rossi (Cambridge Systematics)
- Rob Schiffer (Cambridge Systematics)
- Jason Lemp (Cambridge Systematics)
- Krishnan Viswanathan (Cambridge Systematics)

Time of Day Factors and CONFAC Development

Krishnan walked the panel participants through the project and talked about the geographic segmentations considered, why income was selected as a segment and presented the TOD factors and CONFAC values. Arturo asked about the distribution of rural households in the NHTS survey and how a determination on what categories to use for income. Krishnan mentioned that there were around 2,200 households in the rural sample (approximately 13% of the overall sample). In terms of the income categorization, it was driven by the data and what is commonly used in models.

Guidelines for Transit and TOD Validation and Calibration

Tom walked the panel participants through the guidelines for incorporating transit and validating and calibrating the models. During the course of his presentation he mentioned that it might not be appropriate to compare daily modeling standards to TOD modeling standards since it might leading to larger RMSEs. Rob mentioned looking at RMSE guidelines by volume group and considering that the volumes are lower in individual time periods than for the whole day.

Econometric modeling

Jason walked the participants through the purpose and analysis of doing the econometric models. Wilson asked if there are other variables from the NHTS data that can be included and the response was that it is better to go with variables that can be forecasted. Another question that was raised was if it was possible to go with finer temporal resolutions and the response was that it depends on having sufficient data to do the estimation.

Miscellaneous

The issue of runtime was brought up and Vidya answered that Citilabs is changing its policy to be able to use all cores in a machine and this should make the issue moot. Wilson asked if there are any policy decisions that are needed by the MTF and Krishnan mentioned that there were none that he could think of and did not feel the need for putting things to vote. The question of what other types of analysis from the NHTS data is possible was raised and FDOT mentioned that guidebook was currently under development to help use the NHTS for FSUTMS modeling. Krishnan mentioned the schedule and said that the goal was to finish all technical work by September.