

Trip Distribution Calibration

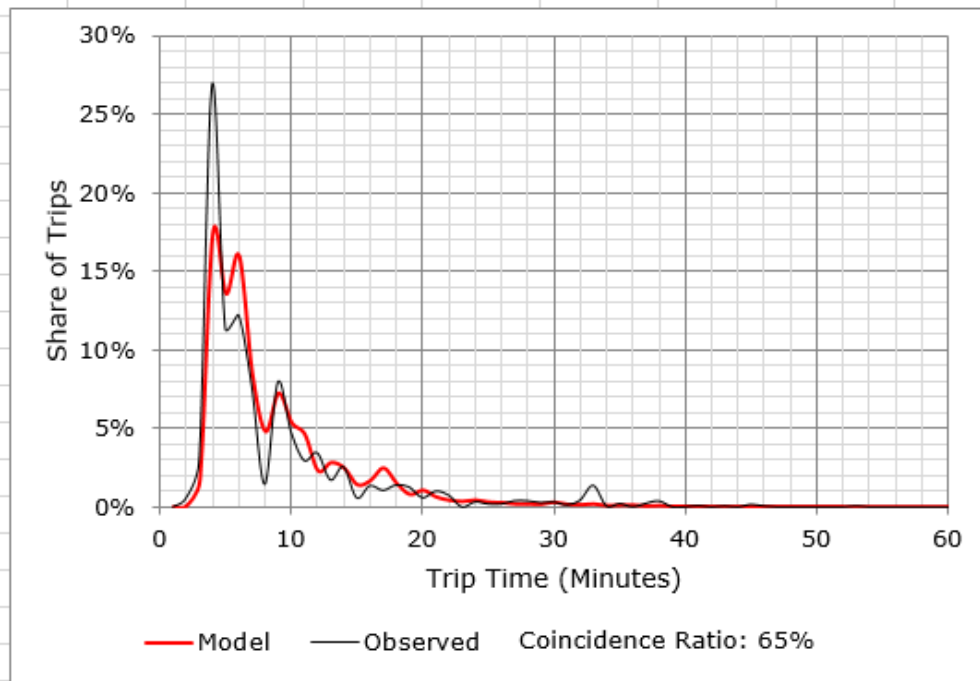
Trip Distribution Calibration

- Get observed trip length distribution from HTS
 - » Each trip has an origin and a destination and hence a corresponding travel time
- Calculate modeled trip length distribution
- Adjust the factors until the modeled trip length distribution matches the observed closely

Trip Distribution Calibration

City of San Luis Obispo Model

Purp	HBO	Svy Trip Length	8.37	
Inc		Mdl Trip Length	8.26	
Per	PK	Coincidence Ratio:	65%	Coincidence Ratio: 65%



Trip Distribution Calibration

- The results is a set of trip matrices- one for each trip purpose
 - » Still in production/attraction format
- Example HBO trip distribution

	102	114	118	120	122	124	128
102	2.34	0.47	0.74	15.37	7.71	19.99	7.17
114	0.11	0.14	0.14	0.83	0.38	1.25	0.73
118	0.72	0.75	1.99	5.97	2.71	8.42	5.22
120	0.20	0.05	0.08	2.22	0.81	2.05	0.70
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00