



NHRR TRAFFIC FORECASTING REPORT

Appendix – Development Trip Distribution: Gravity Model Calibration

Summary Statistics – AM

User Class	X1	X2	Mean Trip Length		Standard Deviation	
			Obs.	Est.	Obs.	Est.
Car Business	-0.521	-0.022	69.9	69.6	63.6	58.2
Car Commute	-0.102	-0.073	31.7	31.2	30.9	26.1
Car Other	-0.455	-0.055	29.7	28.8	35.2	29.2
LGVs	-0.861	-0.017	58.3	58.0	69.0	66.1
HGVs	-0.763	-0.003	69.3	68.9	82.7	82.6

Summary Statistics – IP

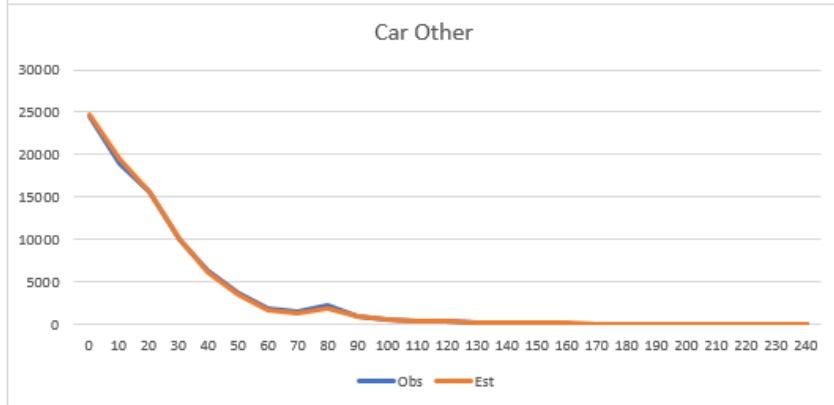
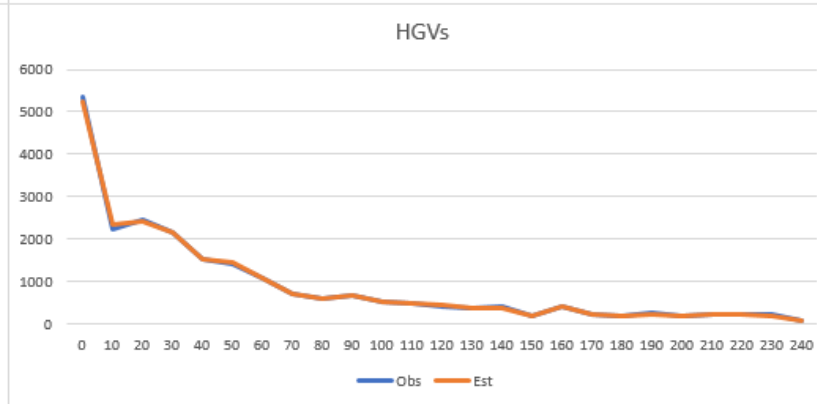
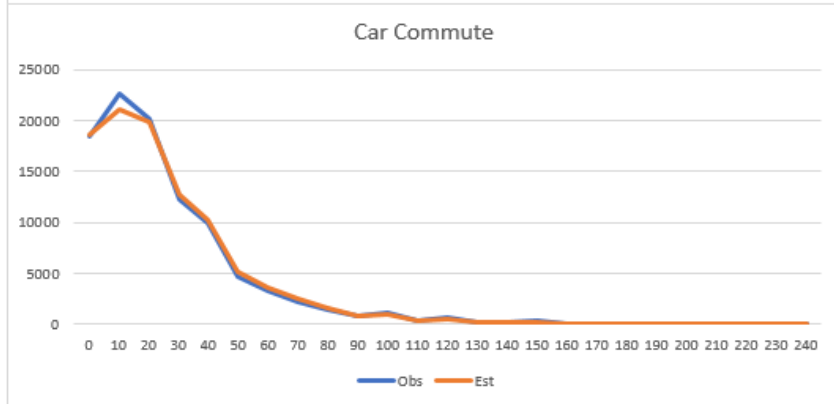
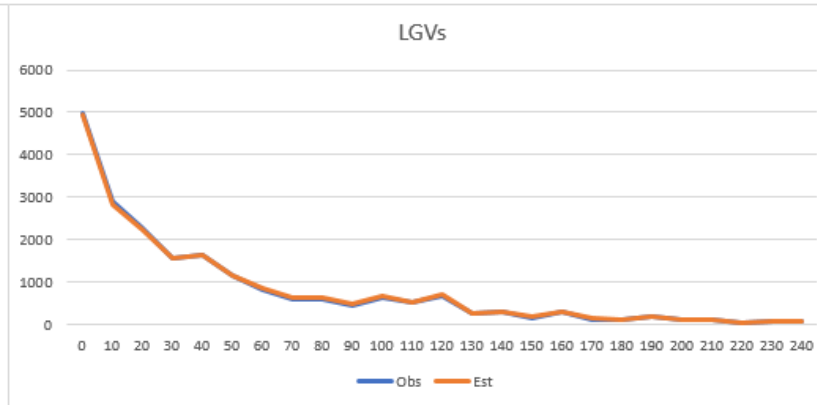
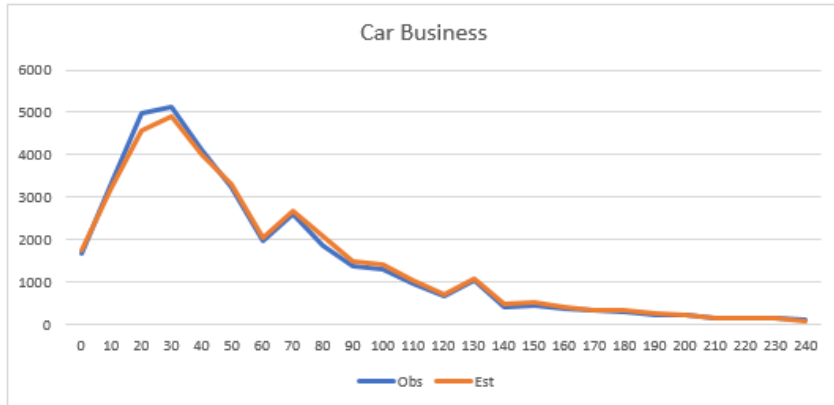
User Class	X1	X2	Mean Trip Length		Standard Deviation	
			Obs.	Est.	Obs.	Est.
Car Business	-0.763	-0.015	75.7	74.9	72.8	67.4
Car Commute	-0.175	-0.091	24.2	23.8	23.9	21.3
Car Other	-0.641	-0.047	30.9	29.4	41.4	33.1
LGVs	-1.014	-0.016	60.0	60.2	74.0	71.4
HGVs	-0.800	-0.003	71.0	70.6	85.2	84.2

Summary Statistics – PM

User Class	X1	X2	Mean Trip Length		Standard Deviation	
			Obs.	Est.	Obs.	Est.
Car Business	-0.706	-0.016	74.1	73.8	70.5	65.4
Car Commute	-0.190	-0.075	30.9	30.4	29.2	25.3
Car Other	-0.423	-0.054	32.2	31.1	37.3	31.1
LGVs	-0.824	-0.015	60.8	60.5	72.4	69.6
HGVs	-0.741	0.001	82.9	82.5	94.4	94.5

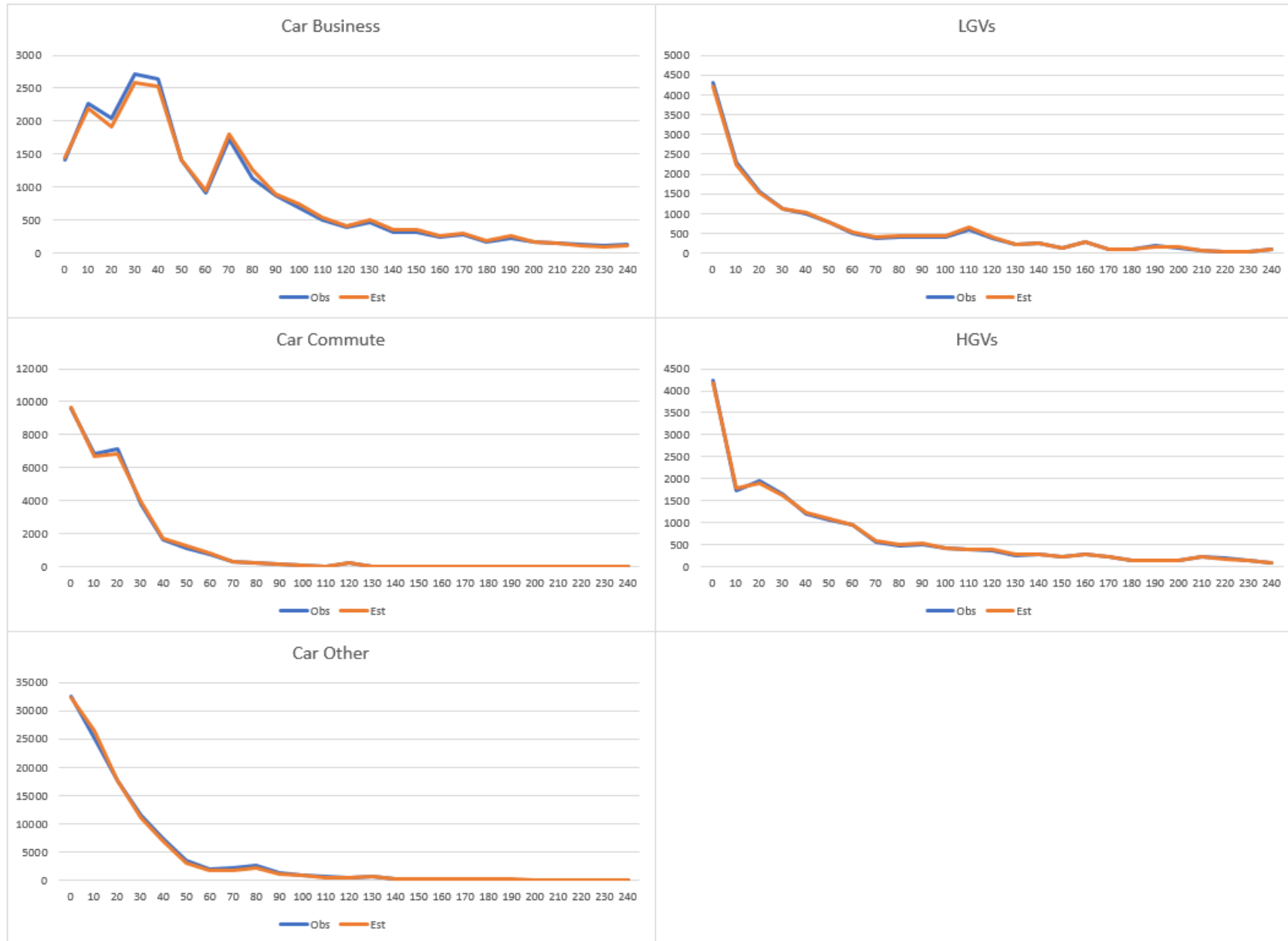


Trip Length Distribution Comparison – AM





Trip Length Distribution Comparison – IP





Trip Length Distribution Comparison – PM

