Appendix

Table 1: Final Model Summary Output

Formula	log(Trip.Duration) ~ log(Trip.Distance) + Vehicle.Type + Month + Council.District..Start. + Hour + Day.of.Week
Residual Std. Error	0.7107
Degrees of Freedom	640017
Multiple R-squared	0.5036
Adjusted R-squared	0.5036
F-statistic	1.546e+04 on 42 and 640017 DF
Model p-value	<2.2e-16

Residuals				
Min	1Q	Median	3Q	Max
-3.8485	-0.4519	-0.0781	0.3627	4.1096

Coefficients:					
	Estimate	Std. Error	T value	Pr(>|t|)	
(Intercept)	3.1109282	0.0095214	326.732	<2e-16	***
log(Trip.Distance)	0.4877450	0.0006184	788.670	<2e-16	***
Vehicle.Typescooter	-0.0761734	0.0064245	-11.857	<2e-16	***
Month5	-0.0942408	0.0028688	-32.851	<e-16	***
Month9	-0.1274984	0.0028544	-44.667	<2e-16	***
Council.District..Start.10	-0.1022231	0.0164636	-6.209	5.33e-10	***
Council.District..Start.2	-0.0393680	0.0248839	-1.582	0.113635	
Council.District..Start.3	-0.2061752	0.0043891	-46.975	<2e-16	***
Council.District..Start.4	0.0776378	0.0237239	3.273	0.001066	**
Council.District..Start.5	-0.0811105	0.0058707	-13.816	<2e-16	***
Council.District..Start.6	1.2038293	0.2143362	5.617	1.95e-08	***
Council.District..Start.7	0.0396541	0.0272462	1.455	0.145559	
Council.District..Start.8	0.1521721	0.0110957	13.714	<2e-16	***
Council.District..Start.9	-0.1143905	0.0037582	-30.438	<2e-16	***
Hour1	0.0212329	0.0047756	4.446	8.75e-06	***
Hour2	0.0266150	0.0048783	5.456	4.88e-08	***
Hour3	-0.0009830	0.0048812	-0.201	0.840399	

Hour4	-0.0122382	0.0049458	-2.474	0.013344	*
Hour5	-0.0132122	0.0051712	-2.555	0.010621	*
Hour6	-0.0300128	0.0055681	-5.390	7.04e-08	***
Hour7	0.0431019	0.0056673	7.605	2.85e-14	***
Hour8	0.1832274	0.0079069	23.173	<2e-16	***
Hour9	0.1467810	0.0125486	11.697	<2e-16	***
Hour10	-0.0604461	0.0151457	-3.991	6.58e-05	***
Hour11	-0.2773370	0.0149127	-18.597	<2e-16	***
Hour12	-0.3059911	0.0115197	-26.563	<2e-16	***
Hour13	-0.2718157	0.0088965	-30.553	<2e-16	***
Hour14	-0.2142184	0.0075029	-28.552	<2e-16	***
Hour15	-0.1360987	0.0063855	-21.314	<2e-16	***
Hour16	-0.0578263	0.0057002	-10.145	<2e-16	***
Hour17	-0.0464866	0.0052224	-8.901	<2e-16	***
Hour18	-0.0026139	0.0050310	-0.520	0.603369	
Hour19	0.0131085	0.0049457	2.650	0.008038	**
Hour20	0.0163615	0.0048817	3.352	0.000803	***
Hour21	0.0164778	0.0048863	3.372	0.000746	***
Hour22	-0.0037014	0.0048180	-0.768	0.442336	
Hour23	-0.0063431	0.0047389	-1.339	0.180724	
Day.of.Week1	-0.1041954	0.0043010	-24.226	<2e-16	***
Day.of.Week2	-0.1316728	0.0041565	-31.679	<2e-16	***
Day.of.Week3	-0.1085923	0.0038843	-27.957	<2e-16	***
Day.of.Week4	-0.0432889	0.0035410	-12.225	<2e-16	***
Day.of.Week5	0.0368016	0.0031803	11.572	<2e-16	***
Day.of.Week6	0.0542453	0.0031647	17.141	<2e-16	***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1