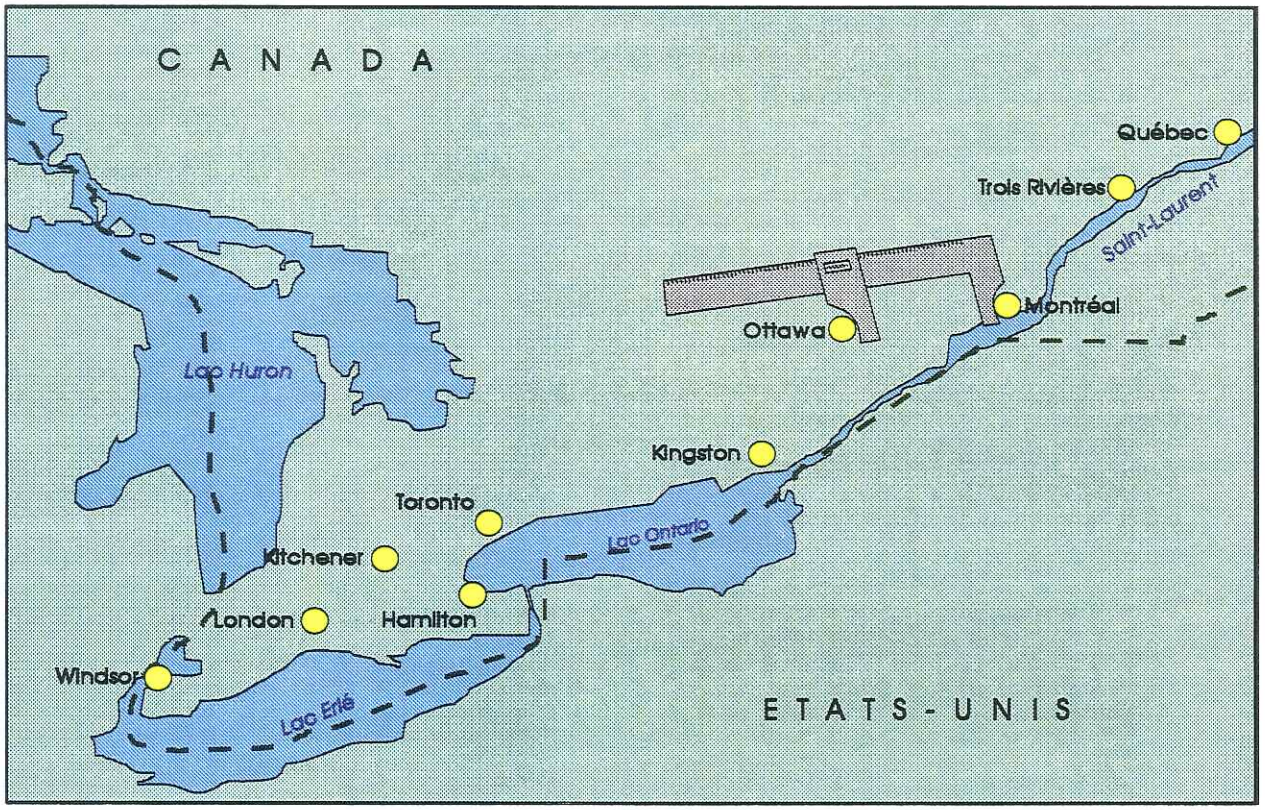
COMITE DIRECTEUR POUR LE PROJET DE TRAIN RAPIDE
QUEBEC - ONTARIO

Prévisions de trafic et de revenus pour une liaison à grande vitesse dans le corridor QUEBEC - MONTREAL - OTTAWA - TORONTO - WINDSOR



CALIBRAGE DES MODELES
Volume 3

Février 1994

SOFRERAIL en association avec CANARAIL

Ce rapport contient les résultats des calibrages:

- du modèle de répartition de trafic,

- du modèle à utilité généralisée.

Ces calibrages ont été réalisés à partir des données harmonisées par IBI.
La méthodologie figure dans le volume 1 du rapport final (chapitre 5).

Les paramètres issus des calibrages ont servi à réaliser les prévisions finales de trafic et de revenus .

CALIBRAGES DU MODELE DE REPARTITION DE TRAFIC

RESULTATS PAR ORIGINE-DESTINATION

ET PAR MOTIF

QUEBEC-MONTREAL
Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	7.000000	1.600000	1.600000	872844
	2.600000	-30.000000	149.000000	
	790.000000	188.000000		
-8	7.700000	1.600000	1.600000	1474135296
	2.600000	-30.000000	149.000000	
	790.000000	188.000000		
-7	7.000000	1.760000	1.600000	40846206
	2.600000	-30.000000	149.000000	
	790.000000	188.000000		
-6	7.000000	1.600000	1.760000	871491
	2.600000	-30.000000	149.000000	
	790.000000	188.000000		
-5	7.000000	1.600000	1.600000	299514427
	2.860000	-30.000000	149.000000	
	790.000000	188.000000		
-4	7.000000	1.600000	1.600000	2976633935
	2.600000	-33.000000	149.000000	
	790.000000	188.000000		
-3	7.000000	1.600000	1.600000	870471
	2.600000	-30.000000	163.900000	
	790.000000	188.000000		
-2	7.000000	1.600000	1.600000	872099
	2.600000	-30.000000	149.000000	
	869.000000	188.000000		
-1	7.000000	1.600000	1.600000	858925
	2.600000	-30.000000	149.000000	
	790.000000	206.800000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	7.000000	1.600000	1.600000	858925
	2.600000	-30.000000	149.000000	
	790.000000	206.800000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	7.000000	1.600000	1.600000	858925
	2.600000	-30.000000	149.000000	
	790.000000	206.800000		
-8	7.700000	1.600000	1.600000	1469880984
	2.600000	-30.000000	149.000000	
	790.000000	206.800000		

QUEBEC-MONTREAL
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A Sum of Squares
	G	CV	CT
	CP	CB	
-7	7.000000	1.760000	1.600000	41166195
	2.600000	-30.000000	149.000000	
	790.000000	206.800000		
-6	7.000000	1.600000	1.760000	857599
	2.600000	-30.000000	149.000000	
	790.000000	206.800000		
-5	7.000000	1.600000	1.600000	299920221
	2.860000	-30.000000	149.000000	
	790.000000	206.800000		
-4	7.000000	1.600000	1.600000	2977053571
	2.600000	-33.000000	149.000000	
	790.000000	206.800000		
-3	7.000000	1.600000	1.600000	855466
	2.600000	-30.000000	163.900000	
	790.000000	206.800000		
-2	7.000000	1.600000	1.600000	857411
	2.600000	-30.000000	149.000000	
	869.000000	206.800000		
-1	7.000000	1.600000	1.600000	851819
	2.600000	-30.000000	149.000000	
	790.000000	227.480000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A Sum of Squares
	G	CV	CT
	CP	CB	
0	7.000000	1.600000	1.600000	851819
	2.600000	-30.000000	149.000000	
	790.000000	227.480000		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	870548855273	108818606909
Residual	66	851819	12906
Uncorrected Total	74	870549707092	
(Corrected Total)	73	769378342330	

QUEBEC-MONTREAL
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	7.0000000	0.4573269	6.0869161	7.9130839
W	1.6000000	0.7029882	0.1964368	3.0035632
A	1.6000000	8.2220201	-14.8158161	18.0158161
G	2.6000000	0.0843459	2.4315977	2.7684023
CV	-30.0000000	0.5833128	-31.1646233	-28.8353767
CT	149.0000000	197.1789741	-244.6810805	542.6810805
CP	790.0000000	4015.7969024	-7227.8085449	8807.8085449
CB	227.4800000	215.6091772	-202.9982203	657.9582203

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	0.9934853612	-0.19509482	0.9400645739
W	0.9934853612	1	-0.216024332	0.8990079711
A	-0.19509482	-0.216024332	1	-0.067149724
G	0.9400645739	0.8990079711	-0.067149724	1
CV	0.9844880897	0.9960961681	-0.196640798	0.8882143014
CT	0.6952676982	0.7082093296	-0.548380376	0.5742609871
CP	0.1011438021	0.1000856511	-0.168053996	0.0874210432
CB	0.8268315566	0.8457180061	-0.566349815	0.6723391523

Corr	CV	CT	CP	CB
H	0.9844880897	0.6952676982	0.1011438021	0.8268315566
W	0.9960961681	0.7082093296	0.1000856511	0.8457180061
A	-0.196640798	-0.548380376	-0.168053996	-0.566349815
G	0.8882143014	0.5742609871	0.0874210432	0.6723391523
CV	1	0.6937900554	0.0967808904	0.8291953012
CT	0.6937900554	1	-0.018687662	0.7509526019
CP	0.0967808904	-0.018687662	1	-0.06218905
CB	0.8291953012	0.7509526019	-0.06218905	1

QUEBEC-MONTREAL
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	15.56	
w	2.29	
a	0.19	0.999
g	32.50	
cv	-51.72	
ct	0.76	
cp	0.20	
cb	1.06	

QUEBEC-MONTREAL
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	27.000000	1.800000	1.600000	99365422
	4.500000	-121.000000	104.000000	
	122.000000	131.000000		
-8	29.700000	1.800000	1.600000	237197047
	4.500000	-121.000000	104.000000	
	122.000000	131.000000		
-7	27.000000	1.980000	1.600000	65440608
	4.500000	-121.000000	104.000000	
	122.000000	131.000000		
-6	27.000000	1.800000	1.760000	99330293
	4.500000	-121.000000	104.000000	
	122.000000	131.000000		
-5	27.000000	1.800000	1.600000	41181434
	4.950000	-121.000000	104.000000	
	122.000000	131.000000		
-4	27.000000	1.800000	1.600000	1156761
	4.500000	-133.100000	104.000000	
	122.000000	131.000000		
-3	27.000000	1.800000	1.600000	99359217
	4.500000	-121.000000	114.400000	
	122.000000	131.000000		
-2	27.000000	1.800000	1.600000	99349896
	4.500000	-121.000000	104.000000	
	134.200000	131.000000		
-1	27.000000	1.800000	1.600000	99310417
	4.500000	-121.000000	104.000000	
	122.000000	144.100000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	27.000000	1.800000	1.600000	1156761
	4.500000	-133.100000	104.000000	
	122.000000	131.000000		
1	26.996014	1.799699	1.599129	1151110
	4.499033	-133.102418	103.624895	
	121.950795	131.052963		
2	26.996548	1.797867	1.598494	1136034
	4.500715	-133.117062	105.000000	
	122.254159	130.509301		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	91693100195	11461637524
Residual	66	1136034	17213
Uncorrected Total	74	91694236229	
(Corrected Total)	73	78631308162	

QUEBEC-MONTREAL
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	26.9965483	0.29644764	26.4046706	27.5884259
W	1.7978667	0.89784610	0.0052566	3.5904768
A	1.5984938	7.61202040	-13.5994167	16.7964044
G	4.5007154	0.90645463	2.6909178	6.3105131
CV	-133.1170618	5.46745284	-144.0331990	-122.2009246
CT	105.0000000	558.35422521	-1009.7917554	1219.7917554
CP	122.2541591	508.09044039	-892.1825701	1136.6908882
CB	130.5093005	462.16033655	-792.2248879	1053.2434889

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	0.1497593918	0.0633245106	-0.015257117
W	0.1497593918	1	0.1928470675	-0.901834905
A	0.0633245106	0.1928470675	1	-0.186153554
G	-0.015257117	-0.901834905	-0.186153554	1
CV	0.0248866731	0.6666157903	0.0735066384	-0.307762495
CT	-0.309335543	-0.45058914	-0.320221072	0.4716590396
CP	0.0564697606	0.0494460043	-0.285263416	-0.11425957
CB	0.1667640679	0.2133557523	-0.625150253	-0.217132886

Corr	CV	CT	CP	CB
H	0.0248866731	-0.309335543	0.0564697606	0.1667640679
W	0.6666157903	-0.45058914	0.0494460043	0.2133557523
A	0.0735066384	-0.320221072	-0.285263416	-0.625150253
G	-0.307762495	0.4716590396	-0.11425957	-0.217132886
CV	1	-0.069990817	-0.100362005	0.0657154398
CT	-0.069990817	1	-0.561859549	-0.184837345
CP	-0.100362005	-0.561859549	1	0.0590028848
CB	0.0657154398	-0.184837345	0.0590028848	1

QUEBEC-MONTREAL
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	93.07	
w	2.01	
a	0.21	0.999
g	5.00	
cv	-24.38	
ct	0.19	
cp	0.24	
cb	0.28	

QUEBEC-OTTAWA
Non Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A Sum of Squares	
	G	CT	CP	
	CB			
-8	9.000000	1.500000	1.700000	20782.000000
	2.900000	210.000000	600.000000	
	280.000000			
-7	9.900000	1.500000	1.700000	7010081
	2.900000	210.000000	600.000000	
	280.000000			
-6	9.000000	1.650000	1.700000	30260.000000
	2.900000	210.000000	600.000000	
	280.000000			
-5	9.000000	1.500000	1.870000	20782.000000
	2.900000	210.000000	600.000000	
	280.000000			
-4	9.000000	1.500000	1.700000	200619
	3.190000	210.000000	600.000000	
	280.000000			
-3	9.000000	1.500000	1.700000	20735.000000
	2.900000	231.000000	600.000000	
	280.000000			
-2	9.000000	1.500000	1.700000	20782.000000
	2.900000	210.000000	660.000000	
	280.000000			
-1	9.000000	1.500000	1.700000	20717.000000
	2.900000	210.000000	600.000000	
	308.000000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A Sum of Squares	
	G	CT	CP	
	CB			
0	9.000000	1.500000	1.700000	20717.000000
	2.900000	210.000000	600.000000	
	308.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A Sum of Squares	
	G	CT	CP	
	CB			
-8	9.000000	1.500000	1.700000	20717.000000
	2.900000	210.000000	600.000000	
	308.000000			
-7	9.900000	1.500000	1.700000	7008337
	2.900000	210.000000	600.000000	
	308.000000			
-6	9.000000	1.650000	1.700000	30256.000000
	2.900000	210.000000	600.000000	
	308.000000			

QUEBEC-OTTAWA
Non Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
-5	9.000000	1.500000	1.870000	20717.000000
	2.900000	210.000000	600.000000	
	308.000000			
-4	9.000000	1.500000	1.700000	200619
	3.190000	210.000000	600.000000	
	308.000000			
-3	9.000000	1.500000	1.700000	20717.000000
	2.900000	231.000000	600.000000	
	308.000000			
-2	9.000000	1.500000	1.700000	20717.000000
	2.900000	210.000000	660.000000	
	308.000000			
-1	9.000000	1.500000	1.700000	20772.000000
	2.900000	210.000000	600.000000	
	338.800000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
0	9.000000	1.500000	1.700000	20717.000000
	2.900000	210.000000	600.000000	
	308.000000			

WARNING: Step size shows no improvement.
WARNING: PROC NLIN failed to converge.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	2948352010.0	421193144.3
Residual	49	20717.0	422.8
Uncorrected Total	56	2948372727.0	
(Corrected Total)	55	2531419726.6	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	9.0000000	0.06673377	8.8658938	9.1341062
W	1.5000000	0.45016146	0.5953687	2.4046313
A	1.7000000	0.00000000	1.7000000	1.7000000
G	2.9000000	0.07114645	2.7570262	3.0429738
CT	210.0000000	0.00000000	210.0000000	210.0000000
CP	600.0000000	0.00000000	600.0000000	600.0000000
CB	308.0000000	799.92632805	-1299.5085968	1915.5085968

QUEBEC-OTTAWA
Non Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CP	CB
H	1	0.969376	.	-0.79149	.	.	0.36115
W	0.969376	1	.	-0.90831	.	.	0.251929
A	.	.	.	.	.	.	.
G	-0.79149	-0.90831	.	1	.	.	-0.11644
CT	.	.	.	.	.	.	.
CP	.	.	.	.	.	.	.
CB	0.36115	0.251929	.	-0.11644	.	.	1

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-40.300000	230433604
-1	-44.330000	179849257

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-44.330000	179849257
1	-53.700000	63790576

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-53.700000	63790576
-1	-59.070000	15455475

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-59.070000	15455475

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

QUEBEC-OTTAWA
Non Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-59.070000	15455475
-1	-59.129070	15091184

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-59.129070	15091184

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	2933281543.0	2933281543.0
Residual	55	15091184.0	274385.2
Uncorrected Total	56	2948372727.0	
(Corrected Total)	55	2531419726.6	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
CV	-59.12907000	0.66164173489	-60.455028610	-57.803111390

Asymptotic Correlation Matrix

Corr	CV
CV	1

QUEBEC–OTTAWA
Non–Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	136.36	
w	3.33	
a	17000.00	0.999
g	41.43	
cv	–89.39	
ct	21000.00	
cp	60000.00	
cb	0.39	

QUEBEC-OTTAWA
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	27.000000	1.400000	1.600000	4832.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		
-8	29.700000	1.400000	1.600000	18329.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		
-7	27.000000	1.540000	1.600000	10864.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		
-6	27.000000	1.400000	1.760000	10848.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		
-5	27.000000	1.400000	1.600000	76929.000000
	3.300000	-7.000000	450.000000	
	0	450.000000		
-4	27.000000	1.400000	1.600000	5145.000000
	3.000000	-7.700000	450.000000	
	0	450.000000		
-3	27.000000	1.400000	1.600000	5053.000000
	3.000000	-7.000000	495.000000	
	0	450.000000		
-2	27.000000	1.400000	1.600000	4882.000000
	3.000000	-7.000000	450.000000	
	0.100000	450.000000		
-1	27.000000	1.400000	1.600000	7650.000000
	3.000000	-7.000000	450.000000	
	0	495.000000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	27.000000	1.400000	1.600000	4832.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	27.000000	1.400000	1.600000	4832.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		
-8	29.700000	1.400000	1.600000	18329.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		

QUEBEC-OTTAWA
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-7	27.000000	1.540000	1.600000	10864.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		
-6	27.000000	1.400000	1.760000	10848.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		
-5	27.000000	1.400000	1.600000	76929.000000
	3.300000	-7.000000	450.000000	
	0	450.000000		
-4	27.000000	1.400000	1.600000	5145.000000
	3.000000	-7.700000	450.000000	
	0	450.000000		
-3	27.000000	1.400000	1.600000	5053.000000
	3.000000	-7.000000	495.000000	
	0	450.000000		
-2	27.000000	1.400000	1.600000	4882.000000
	3.000000	-7.000000	450.000000	
	0.100000	450.000000		
-1	27.000000	1.400000	1.600000	7650.000000
	3.000000	-7.000000	450.000000	
	0	495.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	27.000000	1.400000	1.600000	4832.000000
	3.000000	-7.000000	450.000000	
	0	450.000000		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	22406411.000	2800801.375
Residual	48	4832.000	100.667
Uncorrected Total	56	22411243.000	
(Corrected Total)	55	9388563.982	

QUEBEC-OTTAWA
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	27.0000000	3.526017363	19.91048432	34.08951568
W	1.4000000	0.140053309	1.11840464	1.68159536
A	1.6000000	0.429778584	0.73587436	2.46412564
G	3.0000000	0.136207964	2.72613620	3.27386380
CV	-7.0000000	3.369338364	-13.77449221	-0.22550779
CT	450.0000000	53.737063434	341.95465752	558.04534248
CP	0.0000000	0.515185772	-1.03584788	1.03584788
CB	450.0000000	41.828620962	365.89812713	534.10187287

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	-0.607663513	0.7546256789	0.230926905
W	-0.607663513	1	0.044759982	-0.8868569
A	0.7546256789	0.044759982	1	-0.408367319
G	0.230926905	-0.8868569	-0.408367319	1
CV	0.2549696041	0.275432249	0.6481716675	-0.30789611
CT	0.3654562928	0.4063971714	0.7754314649	-0.699905914
CP	-0.275882536	-0.131919755	-0.441950658	0.2869242506
CB	0.3761370313	0.4777234128	0.8608048851	-0.768897339

Corr	CV	CT	CP	CB
H	0.2549696041	0.3654562928	-0.275882536	0.3761370313
W	0.275432249	0.4063971714	-0.131919755	0.4777234128
A	0.6481716675	0.7754314649	-0.441950658	0.8608048851
G	-0.30789611	-0.699905914	0.2869242506	-0.768897339
CV	1	0.4608550856	-0.133973454	0.6130500016
CT	0.4608550856	1	-0.406528842	0.8525444917
CP	-0.133973454	-0.406528842	1	-0.390055732
CB	0.6130500016	0.8525444917	-0.390055732	1

QUEBEC-OTTAWA
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	7.67	
w	10.00	
a	3.73	0.999
g	29.41	
cv	-2.08	
ct	8.38	
cp	0.00	
cb	10.77	

QUEBEC-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	12.000000	1.600000	1.600000	14852.000000
	3.200000	-85.000000	60.000000	
	300.000000	280.000000		
-8	13.200000	1.600000	1.600000	89570.000000
	3.200000	-85.000000	60.000000	
	300.000000	280.000000		
-7	12.000000	1.760000	1.600000	113702
	3.200000	-85.000000	60.000000	
	300.000000	280.000000		
-6	12.000000	1.600000	1.760000	14782.000000
	3.200000	-85.000000	60.000000	
	300.000000	280.000000		
-5	12.000000	1.600000	1.600000	289045
	3.520000	-85.000000	60.000000	
	300.000000	280.000000		
-4	12.000000	1.600000	1.600000	322038
	3.200000	-93.500000	60.000000	
	300.000000	280.000000		
-3	12.000000	1.600000	1.600000	14887.000000
	3.200000	-85.000000	66.000000	
	300.000000	280.000000		
-2	12.000000	1.600000	1.600000	14773.000000
	3.200000	-85.000000	60.000000	
	330.000000	280.000000		
-1	12.000000	1.600000	1.600000	14791.000000
	3.200000	-85.000000	60.000000	
	300.000000	308.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	12.000000	1.600000	1.600000	14773.000000
	3.200000	-85.000000	60.000000	
	330.000000	280.000000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	12.000000	1.600000	1.600000	14773.000000
	3.200000	-85.000000	60.000000	
	330.000000	280.000000		
-8	13.200000	1.600000	1.600000	88036.000000
	3.200000	-85.000000	60.000000	
	330.000000	280.000000		

QUEBEC-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-7	12.000000	1.760000	1.600000	114621
	3.200000	-85.000000	60.000000	
	330.000000	280.000000		
-6	12.000000	1.600000	1.760000	14922.000000
	3.200000	-85.000000	60.000000	
	330.000000	280.000000		
-5	12.000000	1.600000	1.600000	290877
	3.520000	-85.000000	60.000000	
	330.000000	280.000000		
-4	12.000000	1.600000	1.600000	323146
	3.200000	-93.500000	60.000000	
	330.000000	280.000000		
-3	12.000000	1.600000	1.600000	14946.000000
	3.200000	-85.000000	66.000000	
	330.000000	280.000000		
-2	12.000000	1.600000	1.600000	14970.000000
	3.200000	-85.000000	60.000000	
	363.000000	280.000000		
-1	12.000000	1.600000	1.600000	14926.000000
	3.200000	-85.000000	60.000000	
	330.000000	308.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	12.000000	1.600000	1.600000	14773.000000
	3.200000	-85.000000	60.000000	
	330.000000	280.000000		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	140432142.00	17554017.75
Residual	37	14773.00	399.27
Uncorrected Total	45	140446915.00	
(Corrected Total)	44	99329354.44	

QUEBEC-TORONTO
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	12.0000000	6.10449245	-0.36880992	24.36880992
W	1.6000000	0.94028050	-0.30517899	3.50517899
A	1.6000000	1.94727744	-2.34553760	5.54553760
G	3.2000000	0.65595435	1.87091741	4.52908259
CV	-85.0000000	34.02176290	-153.93426801	-16.06573199
CT	60.0000000	53.94704616	-49.30650915	169.30650915
CP	330.0000000	175.36784221	-25.32708487	685.32708487
CB	280.0000000	181.01210408	-86.76338408	646.76338408

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	-0.935757052	0.1017031105	0.9883564838
W	-0.935757052	1	-0.112159383	-0.942155699
A	0.1017031105	-0.112159383	1	0.1469157434
G	0.9883564838	-0.942155699	0.1469157434	1
CV	-0.960355187	0.9938493435	-0.087262681	-0.952493123
CT	-0.281028568	0.5411072092	-0.517139746	-0.345017386
CP	0.2426888284	-0.187298865	-0.195130614	0.1937441449
CB	-0.063350876	0.1694766445	-0.343698393	-0.087582908

Corr	CV	CT	CP	CB
H	-0.960355187	-0.281028568	0.2426888284	-0.063350876
W	0.9938493435	0.5411072092	-0.187298865	0.1694766445
A	-0.087262681	-0.517139746	-0.195130614	-0.343698393
G	-0.952493123	-0.345017386	0.1937441449	-0.087582908
CV	1	0.4684425462	-0.220292267	0.141899503
CT	0.4684425462	1	0.0581058624	0.3899904727
CP	-0.220292267	0.0581058624	1	-0.128147667
CB	0.141899503	0.3899904727	-0.128147667	1

QUEBEC-TORONTO
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	1.97	
w	1.70	
a	0.82	0.999
g	4.92	
cv	-2.50	
ct	1.11	
cp	1.88	
cb	1.55	

QUEBEC-TORONTO
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	33.000000	1.800000	0.500000	7224.000000
	3.000000	-100.000000	800.000000	
	0	670.000000		
-8	36.300000	1.800000	0.500000	173134
	3.000000	-100.000000	800.000000	
	0	670.000000		
-7	33.000000	1.980000	0.500000	27123.000000
	3.000000	-100.000000	800.000000	
	0	670.000000		
-6	33.000000	1.800000	0.550000	12351.000000
	3.000000	-100.000000	800.000000	
	0	670.000000		
-5	33.000000	1.800000	0.500000	77976.000000
	3.300000	-100.000000	800.000000	
	0	670.000000		
-4	33.000000	1.800000	0.500000	49227.000000
	3.000000	-110.000000	800.000000	
	0	670.000000		
-3	33.000000	1.800000	0.500000	7720.000000
	3.000000	-100.000000	880.000000	
	0	670.000000		
-2	33.000000	1.800000	0.500000	7313.000000
	3.000000	-100.000000	800.000000	
	0.100000	670.000000		
-1	33.000000	1.800000	0.500000	8102.000000
	3.000000	-100.000000	800.000000	
	0	737.000000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	33.000000	1.800000	0.500000	7224.000000
	3.000000	-100.000000	800.000000	
	0	670.000000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	33.000000	1.800000	0.500000	7224.000000
	3.000000	-100.000000	800.000000	
	0	670.000000		
-8	36.300000	1.800000	0.500000	173134
	3.000000	-100.000000	800.000000	
	0	670.000000		

QUEBEC-TORONTO
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-7	33.000000	1.980000	0.500000	27123.000000
	3.000000	-100.000000	800.000000	
	0	670.000000		
-6	33.000000	1.800000	0.550000	12351.000000
	3.000000	-100.000000	800.000000	
	0	670.000000		
-5	33.000000	1.800000	0.500000	77976.000000
	3.300000	-100.000000	800.000000	
	0	670.000000		
-4	33.000000	1.800000	0.500000	49227.000000
	3.000000	-110.000000	800.000000	
	0	670.000000		
-3	33.000000	1.800000	0.500000	7720.000000
	3.000000	-100.000000	880.000000	
	0	670.000000		
-2	33.000000	1.800000	0.500000	7313.000000
	3.000000	-100.000000	800.000000	
	0.100000	670.000000		
-1	33.000000	1.800000	0.500000	8102.000000
	3.000000	-100.000000	800.000000	
	0	737.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	33.000000	1.800000	0.500000	7224.000000
	3.000000	-100.000000	800.000000	
	0	670.000000		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	49936807.000	6242100.875
Residual	37	7224.000	195.243
Uncorrected Total	45	49944031.000	
(Corrected Total)	44	15431380.311	

QUEBEC-TORONTO
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	33.0000000	2.696358696	27.53668778	38.46331222
W	1.8000000	0.071536238	1.65505460	1.94494540
A	0.5000000	0.322924260	-0.15430318	1.15430318
G	3.0000000	0.158407793	2.67903705	3.32096295
CV	-100.0000000	24.231084734	-149.09657662	-50.90342338
CT	800.0000000	95.262920724	606.98002843	993.01997157
CP	0.0000000	0.647607411	-1.31217018	1.31217018
CB	670.0000000	62.733598889	542.89033989	797.10966011

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	-0.06111481	0.1993704406	-0.680935231
W	-0.06111481	1	0.0743709649	-0.344463588
A	0.1993704406	0.0743709649	1	0.4269256302
G	-0.680935231	-0.344463588	0.4269256302	1
CV	-0.60392568	0.0566642984	0.6581805059	0.89142364
CT	0.7559965433	0.3574801231	0.2030542037	-0.676968725
CP	-0.369831859	-0.139326685	-0.294420291	0.2222408166
CB	0.707997783	0.4061656682	0.0987587845	-0.727001413

Corr	CV	CT	CP	CB
H	-0.60392568	0.7559965433	-0.369831859	0.707997783
W	0.0566642984	0.3574801231	-0.139326685	0.4061656682
A	0.6581805059	0.2030542037	-0.294420291	0.0987587845
G	0.89142364	-0.676968725	0.2222408166	-0.727001413
CV	1	-0.435662388	0.0706810189	-0.486450334
CT	-0.435662388	1	-0.39270164	0.722981448
CP	0.0706810189	-0.39270164	1	-0.370057516
CB	-0.486450334	0.722981448	-0.370057516	1

QUEBEC-TORONTO
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	12.27	
w	25.35	
a	1.56	0.999
g	20.00	
cv	-4.13	
ct	8.40	
cp	0.00	
cb	10.69	

TROIS RIVIERES-MONTREAL
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A Sum of Squares
	G	CV	CB	
-7	6.000000	1.500000	1.800000	239718
	2.500000	-14.000000	180.000000	
-6	6.600000	1.500000	1.800000	22993663
	2.500000	-14.000000	180.000000	
-5	6.000000	1.650000	1.800000	1592096
	2.500000	-14.000000	180.000000	
-4	6.000000	1.500000	1.980000	240377
	2.500000	-14.000000	180.000000	
-3	6.000000	1.500000	1.800000	24092078
	2.750000	-14.000000	180.000000	
-2	6.000000	1.500000	1.800000	74320456
	2.500000	-15.400000	180.000000	
-1	6.000000	1.500000	1.800000	240442
	2.500000	-14.000000	198.000000	

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A Sum of Squares
	G	CV	CB	
0	6.000000	1.500000	1.800000	239718
	2.500000	-14.000000	180.000000	
1	5.997528	1.495874	1.789176	239665
	2.500009	-14.001998	179.294773	

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	6	236256128490	39376021415
Residual	24	239665	9986
Uncorrected Total	30	236256368155	
(Corrected Total)	29	152105999667	

TROIS RIVIERES-MONTREAL
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	5.9975275	0.30609864	5.36577610	6.62927900
W	1.4958740	0.52659411	0.40904596	2.58270210
A	1.7891757	13.17862540	-25.40995124	28.98830270
G	2.5000088	0.04457741	2.40800626	2.59201127
CV	-14.0019981	0.21304164	-14.44169088	-13.56230530
CB	179.2947730	268.89502963	-375.67282278	734.26236876

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CB
H	1	0.9855205	-0.08138	-0.46849	0.9322113	0.5860687
W	0.9855205	1	-0.156697	-0.580313	0.9289778	0.6367054
A	-0.08138	-0.156697	1	0.3899444	-0.091397	-0.6696
G	-0.46849	-0.580313	0.3899444	1	-0.291798	-0.60795
CV	0.9322113	0.9289778	-0.091397	-0.291798	1	0.5303572
CB	0.5860687	0.6367054	-0.6696	-0.60795	0.5303572	1

TROIS RIVIERES-MONTREAL

Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	20.00	
w	2.87	
a	0.14	0.999
g	62.50	
cv	-66.67	
ct		
cp		
cb	0.67	

TROIS RIVIERES-MONTREAL
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CB	
-7	27.000000	1.500000	1.800000	15928971
	3.300000	-60.000000	300.000000	
-6	29.700000	1.500000	1.800000	22214499
	3.300000	-60.000000	300.000000	
-5	27.000000	1.650000	1.800000	13375185
	3.300000	-60.000000	300.000000	
-4	27.000000	1.500000	1.980000	15928971
	3.300000	-60.000000	300.000000	
-3	27.000000	1.500000	1.800000	9139605
	3.630000	-60.000000	300.000000	
-2	27.000000	1.500000	1.800000	5392769
	3.300000	-66.000000	300.000000	
-1	27.000000	1.500000	1.800000	15921693
	3.300000	-60.000000	330.000000	

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CB	
0	27.000000	1.500000	1.800000	5392769
	3.300000	-66.000000	300.000000	

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CB	
-7	27.000000	1.500000	1.800000	5392769
	3.300000	-66.000000	300.000000	
-6	29.700000	1.500000	1.800000	10815750
	3.300000	-66.000000	300.000000	
-5	27.000000	1.650000	1.800000	4416935
	3.300000	-66.000000	300.000000	
-4	27.000000	1.500000	1.980000	5392769
	3.300000	-66.000000	300.000000	

TROIS RIVIERES-MONTREAL
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CB	
-3	27.000000	1.500000	1.800000	2114231
	3.630000	-66.000000	300.000000	
-2	27.000000	1.500000	1.800000	35793.000000
	3.300000	-72.600000	300.000000	
-1	27.000000	1.500000	1.800000	5393937
	3.300000	-66.000000	330.000000	

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CB	
0	27.000000	1.500000	1.800000	35793.000000
	3.300000	-72.600000	300.000000	

WARNING: Step size shows no improvement.
WARNING: PROC NLIN failed to converge.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	6	7465148347.0	1244191391.2
Residual	24	35793.0	1491.4
Uncorrected Total	30	7465184140.0	
(Corrected Total)	29	5236603785.9	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	27.0000000	4.93708098	16.81044772	37.1895523
W	1.5000000	2.21745076	-3.07655658	6.0765566
A	1.8000000	2.15064202	-2.63867124	6.2386712
G	3.3000000	0.35303511	2.57137722	4.0286228
CV	-72.6000000	4.62906581	-82.15384533	-63.0461547
CB	300.0000000	486.88163180	-704.86620743	1304.8662074

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CB
H	1	0.9382699	-0.713336	0.1987317	0.9795079	0.1122224
W	0.9382699	1	-0.736482	-0.144203	0.9707326	0.1192542
A	-0.713336	-0.736482	1	0.0689912	-0.710616	-0.756434
G	0.1987317	-0.144203	0.0689912	1	0.0804676	-0.055062
CV	0.9795079	0.9707326	-0.710616	0.0804676	1	0.089638
CB	0.1122224	0.1192542	-0.756434	-0.055062	0.089638	1

TROIS RIVIERES–MONTREAL
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	5.48	
w	0.68	
a	0.84	0.999
g	9.43	
cv	–15.71	
ct		
cp		
cb	0.62	

TROIS RIVIERES-OTTAWA
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CB		
-6	7.000000	1.500000	1.800000	19068.000000
	2.500000	80.000000		
-5	7.700000	1.500000	1.800000	4147356
	2.500000	80.000000		
-4	7.000000	1.650000	1.800000	16285.000000
	2.500000	80.000000		
-3	7.000000	1.500000	1.980000	19068.000000
	2.500000	80.000000		
-2	7.000000	1.500000	1.800000	15829.000000
	2.750000	80.000000		
-1	7.000000	1.500000	1.800000	19068.000000
	2.500000	88.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CB		
0	7.000000	1.500000	1.800000	15829.000000
	2.750000	80.000000		
1	7.000000	1.500000	1.800000	15282.000000
	2.600000	80.000000		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	5	865828842.00	173165768.40
Residual	25	15282.00	611.28
Uncorrected Total	30	865844124.00	
(Corrected Total)	29	713933121.87	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	7.00000000	0.000000000	7.000000000	7.00000000
W	1.50000000	1.675868366	-1.951487885	4.95148789
A	1.80000000	0.532112910	0.704101719	2.89589828
G	2.60000000	0.628579056	1.305427562	3.89457244
CB	80.00000000	23.649462661	31.293409726	128.70659027

TROIS RIVIERES-OTTAWA
Non-Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CB
H	.	.	.	.	.
W	.	1	-0.671633928	-0.92465697	-0.671633928
A	.	-0.671633928	1	0.8896985296	1
G	.	-0.92465697	0.8896985296	1	0.8896985296
CB	.	-0.671633928	1	0.8896985296	1

TROIS RIVIERES-OTTAWA
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-30.000000	77262005
-1	-33.000000	40280340

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-33.000000	40280340
1	-36.000000	11106587

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-36.000000	11106587
-1	-39.600000	51624.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-39.600000	51624.000000

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-39.600000	51624.000000
-1	-39.639600	44561.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-39.639600	44561.000000

WARNING: Step size shows no improvement.
WARNING: PROC NLIN failed to converge.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	865799563.00	865799563.00
Residual	29	44561.00	1536.59
Uncorrected Total	30	865844124.00	
(Corrected Total)	29	713933121.87	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
CV	-39.63960000	0.08169962257	-39.806693252	-39.472506748

Asymptotic Correlation Matrix

Corr	CV
CV	1

TROIS RIVIERES–OTTAWA
Non–Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	109.38	
w	0.90	
a	3.40	0.999
g	4.19	
cv	–495.00	
ct		
cp		
cb	3.39	

TROIS RIVIERES-OTTAWA
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CB	
-7	20.000000	1.500000	1.800000	267650
	3.000000	-127.000000	20.000000	
-6	22.000000	1.500000	1.800000	513874
	3.000000	-127.000000	20.000000	
-5	20.000000	1.650000	1.800000	184510
	3.000000	-127.000000	20.000000	
-4	20.000000	1.500000	1.980000	267517
	3.000000	-127.000000	20.000000	
-3	20.000000	1.500000	1.800000	132424
	3.300000	-127.000000	20.000000	
-2	20.000000	1.500000	1.800000	2786.000000
	3.000000	-139.700000	20.000000	
-1	20.000000	1.500000	1.800000	267517
	3.000000	-127.000000	22.000000	

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CB	
0	20.000000	1.500000	1.800000	2786.000000
	3.000000	-139.700000	20.000000	
1	19.649815	1.527421	1.812814	2689.000000
	2.937777	-139.205395	20.142372	
2	19.641847	1.544693	1.814224	2683.000000
	2.930757	-139.012833	20.158049	

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	6	24149147.000	4024857.833
Residual	24	2683.000	111.792
Uncorrected Total	30	24151830.000	
(Corrected Total)	29	19862285.467	

TROIS RIVIERES-OTTAWA
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	19.6418472	2.3813868304	14.72694593	24.55674848
W	1.5446929	0.3615675113	0.79846020	2.29092551
A	1.8142244	0.1265534193	1.55303308	2.07541571
G	2.9307574	0.2578281955	2.39863043	3.46288434
CV	-139.0128332	9.5512132215	-158.72540966	-119.30025669
CB	20.1580489	1.4061491036	17.25592311	23.06017460

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CB
H	1	-0.664055	-0.520192	0.7494758	-0.94776	-0.520192
W	-0.664055	1	-0.248931	-0.799804	0.8269292	-0.248931
A	-0.520192	-0.248931	1	-0.138001	0.2475238	1
G	0.7494758	-0.799804	-0.138001	1	-0.727917	-0.138001
CV	-0.94776	0.8269292	0.2475238	-0.727917	1	0.2475238
CB	-0.520192	-0.248931	1	-0.138001	0.2475238	1

TROIS RIVIERES-OTTAWA
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	8.25	
w	4.28	
a	15.08	0.999
g	11.72	
cv	-14.55	
ct		
cp		
cb	14.36	

TROIS RIVIERES-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CP	
	CB			
-8	6.000000	1.500000	1.800000	9259.000000
	2.500000	-60.000000	400.000000	
	260.000000			
-7	6.600000	1.500000	1.800000	241465
	2.500000	-60.000000	400.000000	
	260.000000			
-6	6.000000	1.650000	1.800000	54397.000000
	2.500000	-60.000000	400.000000	
	260.000000			
-5	6.000000	1.500000	1.980000	9259.000000
	2.500000	-60.000000	400.000000	
	260.000000			
-4	6.000000	1.500000	1.800000	159966
	2.750000	-60.000000	400.000000	
	260.000000			
-3	6.000000	1.500000	1.800000	1867560
	2.500000	-66.000000	400.000000	
	260.000000			
-2	6.000000	1.500000	1.800000	9259.000000
	2.500000	-60.000000	440.000000	
	260.000000			
-1	6.000000	1.500000	1.800000	9260.000000
	2.500000	-60.000000	400.000000	
	286.000000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CP	
	CB			
0	6.000000	1.500000	1.800000	9259.000000
	2.500000	-60.000000	400.000000	
	260.000000			
1	5.994112	1.496038	1.800000	9257.000000
	2.498444	-60.009686	400.000000	
	259.729299			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	84401170.000	12057310.000
Residual	35	9257.000	264.486
Uncorrected Total	42	84410427.000	
(Corrected Total)	41	60104084.119	

TROIS RIVIERES-TORONTO
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	5.9941119	0.86577671	4.23650215	7.7517216
W	1.4960381	0.37004872	0.74480374	2.2472725
A	1.8000000	1.14161455	-0.51758700	4.1175870
G	2.4984445	0.23821109	2.01485310	2.9820358
CV	-60.0096865	0.10815756	-60.22925667	-59.7901163
CP	400.0000000	253.69212278	-115.01933279	915.0193328
CB	259.7292995	424.11215589	-601.25904011	1120.7176391

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CP	CB
H	1	0.95935	-0.02455	0.94739	0.454414	-0.02455	0.067243
W	0.95935	1	0.06273	0.820982	0.599931	0.06273	0.075141
A	-0.02455	0.06273	1	-0.09455	0.449219	1	-0.84448
G	0.94739	0.820982	-0.09455	1	0.287945	-0.09455	0.051421
CV	0.454414	0.599931	0.449219	0.287945	1	0.449219	0.048965
CP	-0.02455	0.06273	1	-0.09455	0.449219	1	-0.84448
CB	0.067243	0.075141	-0.84448	0.051421	0.048965	-0.84448	1

TROIS RIVIERES TORONTO
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	6.97	
w	4.03	
a	1.58	0.999
g	10.83	
cv	-600.00	
ct		
cp	1.58	
cb	0.61	

TROIS RIVIERES-TORONTO
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CP	
	CB			
-8	25.000000	1.500000	1.800000	621.000000
	2.000000	-10.000000	0	
	800.000000			
-7	27.500000	1.500000	1.800000	842.000000
	2.000000	-10.000000	0	
	800.000000			
-6	25.000000	1.650000	1.800000	805.000000
	2.000000	-10.000000	0	
	800.000000			
-5	25.000000	1.500000	1.980000	1525.000000
	2.000000	-10.000000	0	
	800.000000			
-4	25.000000	1.500000	1.800000	1558.000000
	2.200000	-10.000000	0	
	800.000000			
-3	25.000000	1.500000	1.800000	653.000000
	2.000000	-11.000000	0	
	800.000000			
-2	25.000000	1.500000	1.800000	621.000000
	2.000000	-10.000000	0.100000	
	800.000000			
-1	25.000000	1.500000	1.800000	666.000000
	2.000000	-10.000000	0	
	880.000000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CP	
	CB			
0	25.000000	1.500000	1.800000	621.000000
	2.000000	-10.000000	0	
	800.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CP	
	CB			
-8	25.000000	1.500000	1.800000	621.000000
	2.000000	-10.000000	0	
	800.000000			
-7	27.500000	1.500000	1.800000	842.000000
	2.000000	-10.000000	0	
	800.000000			
-6	25.000000	1.650000	1.800000	805.000000
	2.000000	-10.000000	0	
	800.000000			

TROIS RIVIERES-TORONTO
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CP	
	CB			
-5	25.000000	1.500000	1.980000	1525.000000
	2.000000	-10.000000	0	
	800.000000			
-4	25.000000	1.500000	1.800000	1558.000000
	2.200000	-10.000000	0	
	800.000000			
-3	25.000000	1.500000	1.800000	653.000000
	2.000000	-11.000000	0	
	800.000000			
-2	25.000000	1.500000	1.800000	621.000000
	2.000000	-10.000000	0.100000	
	800.000000			
-1	25.000000	1.500000	1.800000	666.000000
	2.000000	-10.000000	0	
	880.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CP	
	CB			
0	25.000000	1.500000	1.800000	621.000000
	2.000000	-10.000000	0	
	800.000000			

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	1515927.0000	216561.0000
Residual	35	621.0000	17.7429
Uncorrected Total	42	1516548.0000	
(Corrected Total)	41	167960.4762	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	25.0000000	3.949400644	16.98233803	33.01766197
W	1.5000000	0.222674305	1.04794981	1.95205019
A	1.8000000	0.149697941	1.49609883	2.10390117
G	2.0000000	0.135145263	1.72564216	2.27435784
CV	-10.0000000	2.213738844	-14.49410210	-5.50589790
CP	0.0000000	0.000000000	0.00000000	0.00000000
CB	800.0000000	92.307650531	612.60661913	987.39338087

TROIS RIVIERES-TORONTO
Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CP	CB
H	1	-0.6829	0.432643	0.388122	0.347725	.	0.041794
W	-0.6829	1	0.331084	-0.90231	0.072826	.	0.608112
A	0.432643	0.331084	1	-0.63475	0.636846	.	0.805485
G	0.388122	-0.90231	-0.63475	1	-0.27065	.	-0.80724
CV	0.347725	0.072826	0.636846	-0.27065	1	.	0.424639
CP	.	.	.	.	.	.	.
CB	0.041794	0.608112	0.805485	-0.80724	0.424639	.	1

TROIS RIVIERES TORONTO
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	6.35	
w	6.82	
a	12.00	0.996
g	14.81	
cv	-4.52	
ct		
cp		
cb	8.67	

MONTREAL-OTTAWA
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	6.000000	1.600000	1.600000	348881
	4.000000	-10.000000	30.000000	
	30.000000	30.000000		
-8	6.600000	1.600000	1.600000	1282212
	4.000000	-10.000000	30.000000	
	30.000000	30.000000		
-7	6.000000	1.760000	1.600000	51892063
	4.000000	-10.000000	30.000000	
	30.000000	30.000000		
-6	6.000000	1.600000	1.760000	370871
	4.000000	-10.000000	30.000000	
	30.000000	30.000000		
-5	6.000000	1.600000	1.600000	149486575
	4.400000	-10.000000	30.000000	
	30.000000	30.000000		
-4	6.000000	1.600000	1.600000	38729789
	4.000000	-11.000000	30.000000	
	30.000000	30.000000		
-3	6.000000	1.600000	1.600000	361135
	4.000000	-10.000000	33.000000	
	30.000000	30.000000		
-2	6.000000	1.600000	1.600000	349294
	4.000000	-10.000000	30.000000	
	33.000000	30.000000		
-1	6.000000	1.600000	1.600000	420103
	4.000000	-10.000000	30.000000	
	30.000000	33.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	6.000000	1.600000	1.600000	348881
	4.000000	-10.000000	30.000000	
	30.000000	30.000000		
1	6.059760	1.573317	1.614173	338097
	3.999256	-10.214255	29.284675	
	29.000000	29.267575		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	338379388491	42297423561
Residual	56	338097	6037
Uncorrected Total	64	338379726588	
(Corrected Total)	63	275324247816	

MONTREAL-OTTAWA
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	6.05975978	4.88107776	-3.71820830	15.83772787
W	1.57331655	1.57456566	-1.58091568	4.72754878
A	1.61417322	4.17378895	-6.74692593	9.97527237
G	3.99925591	0.01862917	3.96193723	4.03657460
CV	-10.21425523	13.07023798	-36.39707304	15.96856259
CT	29.28467508	52.47645059	-75.83822684	134.40757701
CP	29.00000000	121.39510854	-214.18348414	272.18348414
CB	29.26757510	51.55575701	-74.01095703	132.54610722

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	-0.74938079	-0.073650088	-0.516568135
W	-0.74938079	1	0.3288396711	0.8920517668
A	-0.073650088	0.3288396711	1	0.3164206185
G	-0.516568135	0.8920517668	0.3164206185	1
CV	-0.765681438	0.9994800601	0.3202000468	0.8936214745
CT	0.0046247326	0.5405182828	-0.174815491	0.6609394179
CP	0.1858047296	0.4189625655	0.0329918484	0.5638952023
CB	-0.040862118	0.5658472259	-0.194562836	0.6750886096

Corr	CV	CT	CP	CB
H	-0.765681438	0.0046247326	0.1858047296	-0.040862118
W	0.9994800601	0.5405182828	0.4189625655	0.5658472259
A	0.3202000468	-0.174815491	0.0329918484	-0.194562836
G	0.8936214745	0.6609394179	0.5638952023	0.6750886096
CV	1	0.5265430343	0.4006546478	0.5529051919
CT	0.5265430343	1	0.8781311891	0.9966758788
CP	0.4006546478	0.8781311891	1	0.8650589101
CB	0.5529051919	0.9966758788	0.8650589101	1

MONTREAL–OTTAWA
Non–Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	1.24	
w	1.00	
a	0.39	0.999
g	399.00	
cv	–0.78	
ct	0.56	
cp	0.24	
cb	0.57	

MONTREAL-OTTAWA
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	18.000000	1.700000	1.600000	35323839
	2.900000	-54.000000	30.000000	
	130.000000	180.000000		
-8	19.800000	1.700000	1.600000	46472734
	2.900000	-54.000000	30.000000	
	130.000000	180.000000		
-7	18.000000	1.870000	1.600000	34490519
	2.900000	-54.000000	30.000000	
	130.000000	180.000000		
-6	18.000000	1.700000	1.760000	15154991
	2.900000	-54.000000	30.000000	
	130.000000	180.000000		
-5	18.000000	1.700000	1.600000	3109070
	3.190000	-54.000000	30.000000	
	130.000000	180.000000		
-4	18.000000	1.700000	1.600000	2890615
	2.900000	-59.400000	30.000000	
	130.000000	180.000000		
-3	18.000000	1.700000	1.600000	34940546
	2.900000	-54.000000	33.000000	
	130.000000	180.000000		
-2	18.000000	1.700000	1.600000	35092495
	2.900000	-54.000000	30.000000	
	143.000000	180.000000		
-1	18.000000	1.700000	1.600000	34276870
	2.900000	-54.000000	30.000000	
	130.000000	198.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
0	18.000000	1.700000	1.600000	2890615
	2.900000	-59.400000	30.000000	
	130.000000	180.000000		
1	17.944744	1.714331	1.612638	2792032
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	17.944744	1.714331	1.612638	2792032
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		

MONTREAL-OTTAWA
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
-8	19.739218	1.714331	1.612638	8171762
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		
-7	17.944744	1.885764	1.612638	2690973
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		
-6	17.944744	1.714331	1.773902	229163
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		
-5	17.944744	1.714331	1.612638	8155911
	3.188520	-59.194263	30.372262	
	131.000000	180.848670		
-4	17.944744	1.714331	1.612638	12756093
	2.898654	-65.113689	30.372262	
	131.000000	180.848670		
-3	17.944744	1.714331	1.612638	2750113
	2.898654	-59.194263	33.409488	
	131.000000	180.848670		
-2	17.944744	1.714331	1.612638	2752557
	2.898654	-59.194263	30.372262	
	144.100000	180.848670		
-1	17.944744	1.714331	1.612638	2653975
	2.898654	-59.194263	30.372262	
	131.000000	198.933537		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
2	17.944744	1.714331	1.773902	229163
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	17.944744	1.714331	1.773902	229163
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		
-8	17.962689	1.714331	1.773902	221638
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		
-7	17.944744	1.716046	1.773902	229685
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		

MONTREAL-KITCHENER
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-5	24.200000	1.600000	1.980000	16933.000000
	2.500000	-100.000000	100.000000	
	500.000000			
-4	24.200000	1.600000	1.800000	23987.000000
	2.750000	-100.000000	100.000000	
	500.000000			
-3	24.200000	1.600000	1.800000	18829.000000
	2.500000	-110.000000	100.000000	
	500.000000			
-2	24.200000	1.600000	1.800000	16877.000000
	2.500000	-100.000000	110.000000	
	500.000000			
-1	24.200000	1.600000	1.800000	17743.000000
	2.500000	-100.000000	100.000000	
	550.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	26.620000	1.600000	1.800000	15152.000000
	2.500000	-100.000000	100.000000	
	500.000000			

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	1972036.0000	281719.4286
Residual	22	15152.0000	688.7273
Uncorrected Total	29	1987188.0000	
(Corrected Total)	28	382371.3103	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	26.6200000	34.12053757	-44.14110028	97.3811003
W	1.6000000	1.48640856	-1.48259813	4.6825981
A	1.8000000	6.65758817	-12.00688282	15.6068828
G	2.5000000	1.51318908	-0.63813708	5.6381371
CV	-100.0000000	138.59229334	-387.42053512	187.4205351
CT	100.0000000	263.56385778	-446.59363243	646.5936324
CB	500.0000000	579.85945197	-702.54532172	1702.5453217

MONTREAL-KITCHENER
Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	-0.94186	0.14265	0.680135	0.196993	0.01707	0.175751
W	-0.94186	1	-0.20848	-0.73905	-0.18254	0.109958	0.040557
A	0.14265	-0.20848	1	0.000927	-0.19314	-0.85972	-0.59803
G	0.680135	-0.73905	0.000927	1	0.775431	0.26068	0.080829
CV	0.196993	-0.18254	-0.19314	0.775431	1	0.552496	0.3085
CT	0.01707	0.109958	-0.85972	0.26068	0.552496	1	0.750479
CB	0.175751	0.040557	-0.59803	0.080829	0.3085	0.750479	1

MONTREAL-KITCHENER
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	0.78	
w	1.08	
a	0.27	0.96
g	1.66	
cv	-0.72	
ct	0.38	
cp		
cb	0.86	

MONTREAL-LONDON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	9.000000	1.700000	1.800000	585444
	1.600000	-70.000000	65.000000	
	217.000000	600.000000		
-8	9.900000	1.700000	1.800000	935385
	1.600000	-70.000000	65.000000	
	217.000000	600.000000		
-7	9.000000	1.870000	1.800000	414207
	1.600000	-70.000000	65.000000	
	217.000000	600.000000		
-6	9.000000	1.700000	1.980000	582502
	1.600000	-70.000000	65.000000	
	217.000000	600.000000		
-5	9.000000	1.700000	1.800000	187121
	1.760000	-70.000000	65.000000	
	217.000000	600.000000		
-4	9.000000	1.700000	1.800000	139197
	1.600000	-77.000000	65.000000	
	217.000000	600.000000		
-3	9.000000	1.700000	1.800000	578640
	1.600000	-70.000000	71.500000	
	217.000000	600.000000		
-2	9.000000	1.700000	1.800000	579860
	1.600000	-70.000000	65.000000	
	238.700000	600.000000		
-1	9.000000	1.700000	1.800000	583193
	1.600000	-70.000000	65.000000	
	217.000000	660.000000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	9.000000	1.700000	1.800000	139197
	1.600000	-77.000000	65.000000	
	217.000000	600.000000		
1	8.983201	1.703264	1.806284	133930
	1.598160	-77.045291	64.975196	
	217.008956	601.000000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	8.983201	1.703264	1.806284	133930
	1.598160	-77.045291	64.975196	
	217.008956	601.000000		

MONTREAL-LONDON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-8	9.881521	1.703264	1.806284	424951
	1.598160	-77.045291	64.975196	
	217.008956	601.000000		
-7	8.983201	1.873591	1.806284	58976.000000
	1.598160	-77.045291	64.975196	
	217.008956	601.000000		
-6	8.983201	1.703264	1.986912	132553
	1.598160	-77.045291	64.975196	
	217.008956	601.000000		
-5	8.983201	1.703264	1.806284	9748.000000
	1.757976	-77.045291	64.975196	
	217.008956	601.000000		
-4	8.983201	1.703264	1.806284	67596.000000
	1.598160	-84.749820	64.975196	
	217.008956	601.000000		
-3	8.983201	1.703264	1.806284	131158
	1.598160	-77.045291	71.472716	
	217.008956	601.000000		
-2	8.983201	1.703264	1.806284	131548
	1.598160	-77.045291	64.975196	
	238.709852	601.000000		
-1	8.983201	1.703264	1.806284	132802
	1.598160	-77.045291	64.975196	
	217.008956	661.100000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
2	8.983201	1.703264	1.806284	9748.000000
	1.757976	-77.045291	64.975196	
	217.008956	601.000000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	8.983201	1.703264	1.806284	9748.000000
	1.757976	-77.045291	64.975196	
	217.008956	601.000000		
-8	8.992184	1.703264	1.806284	9625.000000
	1.757976	-77.045291	64.975196	
	217.008956	601.000000		
-7	8.983201	1.704968	1.806284	9737.000000
	1.757976	-77.045291	64.975196	
	217.008956	601.000000		

MONTREAL-OTTAWA
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
-6	17.944744	1.714331	1.775676	246545
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		
-5	17.944744	1.714331	1.773902	263191
	2.901553	-59.194263	30.372262	
	131.000000	180.848670		
-4	17.944744	1.714331	1.773902	266803
	2.898654	-59.253457	30.372262	
	131.000000	180.848670		
-3	17.944744	1.714331	1.773902	228824
	2.898654	-59.194263	30.402634	
	131.000000	180.848670		
-2	17.944744	1.714331	1.773902	229034
	2.898654	-59.194263	30.372262	
	131.131000	180.848670		
-1	17.944744	1.714331	1.773902	229557
	2.898654	-59.194263	30.372262	
	131.000000	181.029519		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
2	17.962689	1.714331	1.773902	221638
	2.898654	-59.194263	30.372262	
	131.000000	180.848670		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	15747886646	1968485831
Residual	56	221638	3958
Uncorrected Total	64	15748108284	
(Corrected Total)	63	12404377659	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	17.9626885	0.293617994	17.37450132	18.55087568
A	1.7143313	0.082499407	1.54906518	1.87959733
W	1.7739019	0.028021710	1.71776768	1.83003608
G	2.8986542	0.025839857	2.84689077	2.95041762
CV	-59.1942630	0.778121776	-60.75302733	-57.63549867
CT	30.3722621	1.897231975	26.57165197	34.17287227
CP	131.0000000	10.364768849	110.23688498	151.76311502
CB	180.8486698	5.247102072	170.33746737	191.35987229

MONTREAL-OTTAWA
Business Purpose

Asymptotic Correlation Matrix

Corr	H	A	W	G
H	1	0.0406157082	-0.565238223	0.3182945388
A	0.0406157082	1	0.003156315	-0.007348944
W	-0.565238223	0.003156315	1	0.2047489501
G	0.3182945388	-0.007348944	0.2047489501	1
CV	-0.395038588	0.0242829845	0.8333393249	0.658564476
CT	-0.074236887	-0.630590775	0.1669343494	-0.080985433
CP	0.0208556407	0.0998874266	-0.125629579	-0.103320976
CB	-0.206023377	-0.456219986	0.180492006	-0.250279565

Corr	CV	CT	CP	CB
H	-0.395038588	-0.074236887	0.0208556407	-0.206023377
A	0.0242829845	-0.630590775	0.0998874266	-0.456219986
W	0.8333393249	0.1669343494	-0.125629579	0.180492006
G	0.658564476	-0.080985433	-0.103320976	-0.250279565
CV	1	0.0311985687	-0.137461828	0.0147312131
CT	0.0311985687	1	-0.45527011	0.229582247
CP	-0.137461828	-0.45527011	1	-0.153894482
CB	0.0147312131	0.229582247	-0.153894482	1

MONTREAL-OTTAWA
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	61.93	
w	21.25	
a	88.50	0.999
g	144.50	
cv	-76.75	
ct	16.03	
cp	12.72	
cb	34.77	

MONTREAL-KINGSTON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CT	CB	
	CV			
-8	8.000000	1.600000	1.800000	51132.000000
	2.300000	100.000000	80.000000	
	-34.000000			
-7	8.800000	1.600000	1.800000	1587165
	2.300000	100.000000	80.000000	
	-34.000000			
-6	8.000000	1.760000	1.800000	157414
	2.300000	100.000000	80.000000	
	-34.000000			
-5	8.000000	1.600000	1.980000	51391.000000
	2.300000	100.000000	80.000000	
	-34.000000			
-4	8.000000	1.600000	1.800000	676087
	2.530000	100.000000	80.000000	
	-34.000000			
-3	8.000000	1.600000	1.800000	51789.000000
	2.300000	110.000000	80.000000	
	-34.000000			
-2	8.000000	1.600000	1.800000	51590.000000
	2.300000	100.000000	88.000000	
	-34.000000			
-1	8.000000	1.600000	1.800000	4084450
	2.300000	100.000000	80.000000	
	-37.400000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CT	CB	
	CV			
0	8.000000	1.600000	1.800000	51132.000000
	2.300000	100.000000	80.000000	
	-34.000000			
1	7.999147	1.597966	1.794703	50978.000000
	2.299886	99.765546	79.860544	
	-34.006118			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	971222878.00	138746125.43
Residual	27	50978.00	1888.07
Uncorrected Total	34	971273856.00	
(Corrected Total)	33	587145164.12	

MONTREAL-KINGSTON
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	7.99914668	0.85077301	6.25351823	9.74477513
W	1.59796634	0.56717873	0.43422076	2.76171192
A	1.79470269	4.43337881	-7.30176855	10.89117392
G	2.29988559	0.05871893	2.17940522	2.42036595
CT	99.76554563	110.49744950	-126.95473146	326.48582272
CB	79.86054421	98.18947953	-121.60606074	281.32714915
CV	-34.00611759	0.24438083	-34.50754173	-33.50469345

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CB	CV
H	1	0.984394	-0.37841	0.52063	0.859831	0.817324	0.48731
W	0.984394	1	-0.34964	0.384456	0.871059	0.820531	0.583004
A	-0.37841	-0.34964	1	-0.18577	-0.53823	-0.68732	0.014578
G	0.52063	0.384456	-0.18577	1	0.278306	0.27525	0.074729
CT	0.859831	0.871059	-0.53823	0.278306	1	0.797048	0.441465
CB	0.817324	0.820531	-0.68732	0.27525	0.797048	1	0.360576
CV	0.48731	0.583004	0.014578	0.074729	0.441465	0.360576	1

MONTREAL-KINGSTON

Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	9.40	
w	2.84	
a	0.40	0.999
g	45.80	
cv	0.90	
ct	0.81	
cp		
cb	-141.67	

MONTREAL-KINSTON
Business Purpose

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H G	A CB	W	Sum of Squares
0	23.000000 1.100000	1.000000 600.000000	1.000000	2438.000000

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H G	A CB	W	Sum of Squares
-6	23.000000 1.100000	1.000000 600.000000	1.000000	2438.000000
-5	25.300000 1.100000	1.000000 600.000000	1.000000	2748.000000
-4	23.000000 1.100000	1.100000 600.000000	1.000000	3207.000000
-3	23.000000 1.100000	1.000000 600.000000	1.100000	2839.000000
-2	23.000000 1.210000	1.000000 600.000000	1.000000	5147.000000
-1	23.000000 1.100000	1.000000 660.000000	1.000000	2650.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H G	A CB	W	Sum of Squares
0	23.000000 1.100000	1.000000 600.000000	1.000000	2438.000000

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	5	6155094.0000	1231018.8000
Residual	29	2438.0000	84.0690
Uncorrected Total	34	6157532.0000	
(Corrected Total)	33	779753.0588	

MONTREAL-KINSTON
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	23.0000000	8.54164827	5.53049721	40.46950279
A	1.0000000	0.08372877	0.82875670	1.17124330
W	1.0000000	0.28967021	0.40756230	1.59243770
G	1.1000000	0.12548639	0.84335341	1.35664659
CB	600.0000000	180.24737863	231.35544973	968.64455027

Asymptotic Correlation Matrix

Corr	H	A	W	G	CB
H	1	-0.509025236	-0.709593458	0.2247888835	0.456231138
A	-0.509025236	1	0.0483502744	0.3541858592	-0.652483877
W	-0.709593458	0.0483502744	1	-0.835293607	0.287096926
G	0.2247888835	0.3541858592	-0.835293607	1	-0.751257906
CB	0.456231138	-0.652483877	0.287096926	-0.751257906	1

MONTREAL-KINSTON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CP	CV	CT	Sum of Squares
-4	0	0	0	2438.000000
-3	0.100000	0	0	2438.000000
-2	0	0.100000	0	2430.000000
-1	0	0	0.100000	2507.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CP	CV	CT	Sum of Squares
0	0	0.100000	0	2430.000000

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CP	CV	CT	Sum of Squares
-4	0	0.100000	0	2430.000000
-3	0.100000	0.100000	0	2430.000000
-2	0	0.110000	0	2453.000000
-1	0	0.100000	0.100000	2497.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CP	CV	CT	Sum of Squares
0	0	0.100000	0	2430.000000

WARNING: Step size shows no improvement.
WARNING: PROC NLIN failed to converge.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	3	6155102.0000	2051700.6667
Residual	31	2430.0000	78.3871
Uncorrected Total	34	6157532.0000	
(Corrected Total)	33	779753.0588	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
CP	0.0000000000	0.00000000000	0.0000000000	0.0000000000
CV	0.1000000000	0.08853648783	-0.0805701000	0.2805701000
CT	0.0000000000	0.51116565082	-1.0425219582	1.0425219582

Asymptotic Correlation Matrix

Corr	CP	CV	CT
CP	.	.	.
CV	.	1	0
CT	.	0	1

MONTREAL–KINGSTON

Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	2.69	
w	12.50	
a	3.45	0.996
g	9.17	
cv	1.25	
ct		
cp		
cb	3.33	

MONTREAL-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	8.000000	1.800000	1.500000	31865442
	3.200000	-45.000000	36.000000	
	159.000000	115.000000		
-8	8.800000	1.800000	1.500000	73695318
	3.200000	-45.000000	36.000000	
	159.000000	115.000000		
-7	8.000000	1.980000	1.500000	31558694
	3.200000	-45.000000	36.000000	
	159.000000	115.000000		
-6	8.000000	1.800000	1.650000	6796642
	3.200000	-45.000000	36.000000	
	159.000000	115.000000		
-5	8.000000	1.800000	1.500000	3237571
	3.520000	-45.000000	36.000000	
	159.000000	115.000000		
-4	8.000000	1.800000	1.500000	1667837
	3.200000	-49.500000	36.000000	
	159.000000	115.000000		
-3	8.000000	1.800000	1.500000	31549774
	3.200000	-45.000000	39.600000	
	159.000000	115.000000		
-2	8.000000	1.800000	1.500000	31435119
	3.200000	-45.000000	36.000000	
	174.900000	115.000000		
-1	8.000000	1.800000	1.500000	31666539
	3.200000	-45.000000	36.000000	
	159.000000	126.500000		

Non-Linear Least Squares Iterative Phase			Dependent Variable VOY Method: DUD	
Iter	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
0	8.000000	1.800000	1.500000	1667837
	3.200000	-49.500000	36.000000	
	159.000000	115.000000		
1	7.935822	1.762552	1.537260	1559749
	3.188121	-48.902311	37.881307	
	162.445891	117.837437		
2	7.971859	1.783731	1.557045	1397567
	3.180268	-48.791092	39.105556	
	166.010236	120.152651		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	7.971859	1.783731	1.557045	1397567
	3.180268	-48.791092	39.105556	
	166.010236	120.152651		

MONTREAL-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
-8	8.769045	1.783731	1.557045	9802219
	3.180268	-48.791092	39.105556	
	166.010236	120.152651		
-7	7.971859	1.962104	1.557045	1521839
	3.180268	-48.791092	39.105556	
	166.010236	120.152651		
-6	7.971859	1.783731	1.712750	11722420
	3.180268	-48.791092	39.105556	
	166.010236	120.152651		
-5	7.971859	1.783731	1.557045	40725819
	3.498295	-48.791092	39.105556	
	166.010236	120.152651		
-4	7.971859	1.783731	1.557045	59836032
	3.180268	-53.670201	39.105556	
	166.010236	120.152651		
-3	7.971859	1.783731	1.557045	1574327
	3.180268	-48.791092	43.016112	
	166.010236	120.152651		
-2	7.971859	1.783731	1.557045	1508004
	3.180268	-48.791092	39.105556	
	182.611260	120.152651		
-1	7.971859	1.783731	1.557045	1456323
	3.180268	-48.791092	39.105556	
	166.010236	132.167916		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	A	W	Sum of Squares
	G	CV	CT	
	CP	CB		
3	7.971859	1.783731	1.557045	1397567
	3.180268	-48.791092	39.105556	
	166.010236	120.152651		
4	7.965592	1.815272	1.562062	1378879
	3.178618	-48.726921	38.751123	
	165.513783	119.917044		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	46364915362	5795614420
Residual	56	1378879	24623
Uncorrected Total	64	46366294241	
(Corrected Total)	63	35850381395	

MONTREAL-TORONTO
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	7.9655920	3.72342297	0.50668379	15.42450021
A	1.8152715	10.66287589	-19.54502332	23.17556634
W	1.5620617	0.37350969	0.81383227	2.31029103
G	3.1786178	0.33760380	2.50231646	3.85491905
CV	-48.7269213	3.48031898	-55.69883395	-41.75500861
CT	38.7511235	151.61918653	-264.97842946	342.48067636
CP	165.5137827	301.44204772	-438.34685311	769.37441854
CB	119.9170442	188.32124789	-257.33553003	497.16961848

Asymptotic Correlation Matrix

Corr	H	A	W	G
H	1	0.220429643	0.8936928953	0.9734284846
A	0.220429643	1	0.0989937556	0.2129328259
W	0.8936928953	0.0989937556	1	0.8520297773
G	0.9734284846	0.2129328259	0.8520297773	1
CV	-0.656792034	-0.313115566	-0.275899129	-0.600857444
CT	0.4951489887	-0.723627173	0.5940913926	0.478191102
CP	0.7219243296	-0.479085019	0.7807415387	0.6886068359
CB	0.7194517687	-0.463007473	0.7769598171	0.6898529438

Corr	CV	CT	CP	CB
H	-0.656792034	0.4951489887	0.7219243296	0.7194517687
A	-0.313115566	-0.723627173	-0.479085019	-0.463007473
W	-0.275899129	0.5940913926	0.7807415387	0.7769598171
G	-0.600857444	0.478191102	0.6886068359	0.6898529438
CV	1	-0.074837437	-0.262875787	-0.260099435
CT	-0.074837437	1	0.9378495597	0.923398921
CP	-0.262875787	0.9378495597	1	0.95360073
CB	-0.260099435	0.923398921	0.95360073	1

MONTREAL-TORONTO
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	2.14	
w	0.17	
a	4.22	0.999
g	9.61	
cv	-13.99	
ct	0.26	
cp	0.55	
cb	0.64	

MONTREAL-TORONTO
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	33.000000	1.900000	1.600000	209858
	3.000000	-138.000000	183.000000	
	0	1100.000000		
-8	36.300000	1.900000	1.600000	45959892
	3.000000	-138.000000	183.000000	
	0	1100.000000		
-7	33.000000	2.090000	1.600000	2022213
	3.000000	-138.000000	183.000000	
	0	1100.000000		
-6	33.000000	1.900000	1.760000	8342443
	3.000000	-138.000000	183.000000	
	0	1100.000000		
-5	33.000000	1.900000	1.600000	73978369
	3.300000	-138.000000	183.000000	
	0	1100.000000		
-4	33.000000	1.900000	1.600000	54912015
	3.000000	-151.800000	183.000000	
	0	1100.000000		
-3	33.000000	1.900000	1.600000	743181
	3.000000	-138.000000	201.300000	
	0	1100.000000		
-2	33.000000	1.900000	1.600000	211175
	3.000000	-138.000000	183.000000	
	0.100000	1100.000000		
-1	33.000000	1.900000	1.600000	216544
	3.000000	-138.000000	183.000000	
	0	1210.000000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	33.000000	1.900000	1.600000	209858
	3.000000	-138.000000	183.000000	
	0	1100.000000		
1	33.332578	1.896181	1.618926	209141
	2.994485	-139.000000	183.681432	
	-0.184784	1112.973455		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics — Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	15981215286	1997651911
Residual	56	209141	3735
Uncorrected Total	64	15981424427	
(Corrected Total)	63	6918884220	

MONTREAL-TORONTO
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	33.332578	6.95828697	19.39346250	47.2716940
W	1.896181	0.05526357	1.78547521	2.0068876
A	1.618926	0.72279603	0.17099257	3.0668598
G	2.994485	0.04284942	2.90864716	3.0803225
CV	-139.000000	8.79297253	-156.61443044	-121.3855696
CT	183.681432	26.69886626	130.19720661	237.1656570
CP	-0.184784	2.83807615	-5.87013065	5.5005622
CB	1112.973455	264.06747466	583.98304294	1641.9638678

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	0.1000149335	0.9717330624	-0.555029091
W	0.1000149335	1	0.3169421596	0.111061421
A	0.9717330624	0.3169421596	1	-0.449337634
G	-0.555029091	0.111061421	-0.449337634	1
CV	-0.558948625	0.5915353731	-0.36383458	0.8313663226
CT	0.9657970491	0.333275342	0.9931751392	-0.455776088
CP	-0.545137242	-0.102786141	-0.536016695	0.6973922674
CB	0.9542820928	0.2239707	0.9555655734	-0.525029251

Corr	CV	CT	CP	CB
H	-0.558948625	0.9657970491	-0.545137242	0.9542820928
W	0.5915353731	0.333275342	-0.102786141	0.2239707
A	-0.36383458	0.9931751392	-0.536016695	0.9555655734
G	0.8313663226	-0.455776088	0.6973922674	-0.525029251
CV	1	-0.356101257	0.5265581127	-0.456316154
CT	-0.356101257	1	-0.476312748	0.9515799217
CP	0.5265581127	-0.476312748	1	-0.537732386
CB	-0.456316154	0.9515799217	-0.537732386	1

MONTREAL-TORONTO
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	4.79	
w	34.36	
a	2.24	0.999
g	74.95	
cv	-15.81	
ct	6.88	
cp	-0.06	
cb	4.22	

MONTREAL-KITCHENER
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	22.000000	1.600000	1.800000	18033.000000
	2.500000	-100.000000	100.000000	
	500.000000			
-7	24.200000	1.600000	1.800000	16686.000000
	2.500000	-100.000000	100.000000	
	500.000000			
-6	22.000000	1.760000	1.800000	18730.000000
	2.500000	-100.000000	100.000000	
	500.000000			
-5	22.000000	1.600000	1.980000	18330.000000
	2.500000	-100.000000	100.000000	
	500.000000			
-4	22.000000	1.600000	1.800000	25402.000000
	2.750000	-100.000000	100.000000	
	500.000000			
-3	22.000000	1.600000	1.800000	20670.000000
	2.500000	-110.000000	100.000000	
	500.000000			
-2	22.000000	1.600000	1.800000	18558.000000
	2.500000	-100.000000	110.000000	
	500.000000			
-1	22.000000	1.600000	1.800000	19208.000000
	2.500000	-100.000000	100.000000	
	550.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	24.200000	1.600000	1.800000	16686.000000
	2.500000	-100.000000	100.000000	
	500.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	24.200000	1.600000	1.800000	16686.000000
	2.500000	-100.000000	100.000000	
	500.000000			
-7	26.620000	1.600000	1.800000	15152.000000
	2.500000	-100.000000	100.000000	
	500.000000			
-6	24.200000	1.760000	1.800000	17108.000000
	2.500000	-100.000000	100.000000	
	500.000000			

MONTREAL-KITCHENER
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	7.000000	1.300000	1.800000	15612.000000
	4.000000	-60.000000	30.000000	
	300.000000			
-7	7.700000	1.300000	1.800000	925799
	4.000000	-60.000000	30.000000	
	300.000000			
-6	7.000000	1.430000	1.800000	179765
	4.000000	-60.000000	30.000000	
	300.000000			
-5	7.000000	1.300000	1.980000	15612.000000
	4.000000	-60.000000	30.000000	
	300.000000			
-4	7.000000	1.300000	1.800000	437098
	4.400000	-60.000000	30.000000	
	300.000000			
-3	7.000000	1.300000	1.800000	3640621
	4.000000	-66.000000	30.000000	
	300.000000			
-2	7.000000	1.300000	1.800000	15613.000000
	4.000000	-60.000000	33.000000	
	300.000000			
-1	7.000000	1.300000	1.800000	15612.000000
	4.000000	-60.000000	30.000000	
	330.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	7.000000	1.300000	1.800000	15612.000000
	4.000000	-60.000000	30.000000	
	300.000000			
1	7.072241	1.366929	1.800000	15555.000000
	3.988942	-59.702142	31.000000	
	300.000000			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	593107627.00	84729661.00
Residual	22	15555.00	707.05
Uncorrected Total	29	593123182.00	
(Corrected Total)	28	425073661.31	

MONTREAL-KITCHENER
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	7.0722406	1.21601324	4.55040357	9.59407762
W	1.3669286	0.98145131	-0.66846062	3.40231784
A	1.8000000	1.84856194	-2.03365228	5.63365228
G	3.9889417	0.26748974	3.43420636	4.54367706
CV	-59.7021423	5.05257460	-70.18045720	-49.22382734
CT	31.0000000	81.19606935	-137.38900013	199.38900013
CB	300.0000000	308.09365665	-338.94204742	938.94204742

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	0.958317	-0.49459	0.209439	0.937378	0.181523	-0.49459
W	0.958317	1	-0.5031	-0.05688	0.992743	0.186198	-0.5031
A	-0.49459	-0.5031	1	-0.01562	-0.49849	-0.94203	1
G	0.209439	-0.05688	-0.01562	1	-0.06067	-0.0016	-0.01562
CV	0.937378	0.992743	-0.49849	-0.06067	1	0.184055	-0.49849
CT	0.181523	0.186198	-0.94203	-0.0016	0.184055	1	-0.94203
CB	-0.49459	-0.5031	1	-0.01562	-0.49849	-0.94203	1

MONTREAL-KITCHENER
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	5.84	
w	1.39	
a	0.98	0.999
g	15.31	
cv	-11.82	
ct	0.38	
cp		
cb	0.97	

MONTREAL-LONDON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-6	8.983201	1.703264	1.808090	9748.000000
	1.757976	-77.045291	64.975196	
	217.008956	601.000000		
-5	8.983201	1.703264	1.806284	9799.000000
	1.759734	-77.045291	64.975196	
	217.008956	601.000000		
-4	8.983201	1.703264	1.806284	9784.000000
	1.757976	-77.122336	64.975196	
	217.008956	601.000000		
-3	8.983201	1.703264	1.806284	9759.000000
	1.757976	-77.045291	65.040171	
	217.008956	601.000000		
-2	8.983201	1.703264	1.806284	9748.000000
	1.757976	-77.045291	64.975196	
	217.225965	601.000000		
-1	8.983201	1.703264	1.806284	9748.000000
	1.757976	-77.045291	64.975196	
	217.008956	601.601000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
2	8.992184	1.703264	1.806284	9625.000000
	1.757976	-77.045291	64.975196	
	217.008956	601.000000		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	39017071.000	4877133.875
Residual	30	9625.000	320.833
Uncorrected Total	38	39026696.000	
(Corrected Total)	37	23230643.368	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	8.9921842	0.0524168117	8.88513551	9.09923280
W	1.7032642	0.0192964329	1.66385596	1.74267254
A	1.8062836	0.0100818719	1.78569382	1.82687338
G	1.7579757	0.0163535355	1.72457760	1.79137387
CV	-77.0452906	0.5822826903	-78.23446192	-75.85611923
CT	64.9751960	1.2255643396	62.47227773	67.47811431
CP	217.0089562	1.2112475054	214.53527658	219.48263582
CB	601.0000000	3.3545147788	594.14921615	607.85078385

MONTREAL-LONDON
Non-Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	0.1152072505	-0.319811159	-0.180196834
W	0.1152072505	1	-0.537543783	-0.221042069
A	-0.319811159	-0.537543783	1	0.1592589486
G	-0.180196834	-0.221042069	0.1592589486	1
CV	-0.402961745	0.249400533	-0.021239895	0.7731414256
CT	-0.072588848	0.2089449086	-0.848915621	-0.183402014
CP	-0.319811159	-0.537543783	1	0.1592589486
CB	-0.319811159	-0.537543783	1	0.1592589486

Corr	CV	CT	CP	CB
H	-0.402961745	-0.072588848	-0.319811159	-0.319811159
W	0.249400533	0.2089449086	-0.537543783	-0.537543783
A	-0.021239895	-0.848915621	1	1
G	0.7731414256	-0.183402014	0.1592589486	0.1592589486
CV	1	0.0193793655	-0.021239895	-0.021239895
CT	0.0193793655	1	-0.848915621	-0.848915621
CP	-0.021239895	-0.848915621	1	1
CB	-0.021239895	-0.848915621	1	1

MONTREAL-LONDON
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	172.88	
w	89.47	
a	180.00	0.999
g	109.38	
cv	-132.90	
ct	53.20	
cp	179.34	
cb	179.40	

MONTREAL-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	24.000000	1.700000	1.800000	7114.000000
	2.500000	-100.000000	780.000000	
	20.000000	800.000000		
-8	26.400000	1.700000	1.800000	16353.000000
	2.500000	-100.000000	780.000000	
	20.000000	800.000000		
-7	24.000000	1.870000	1.800000	7167.000000
	2.500000	-100.000000	780.000000	
	20.000000	800.000000		
-6	24.000000	1.700000	1.980000	5121.000000
	2.500000	-100.000000	780.000000	
	20.000000	800.000000		
-5	24.000000	1.700000	1.800000	4625.000000
	2.750000	-100.000000	780.000000	
	20.000000	800.000000		
-4	24.000000	1.700000	1.800000	2832.000000
	2.500000	-110.000000	780.000000	
	20.000000	800.000000		
-3	24.000000	1.700000	1.800000	6958.000000
	2.500000	-100.000000	858.000000	
	20.000000	800.000000		
-2	24.000000	1.700000	1.800000	6493.000000
	2.500000	-100.000000	780.000000	
	22.000000	800.000000		
-1	24.000000	1.700000	1.800000	6977.000000
	2.500000	-100.000000	780.000000	
	20.000000	880.000000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	24.000000	1.700000	1.800000	2832.000000
	2.500000	-110.000000	780.000000	
	20.000000	800.000000		
1	23.995115	1.699380	1.796100	2820.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	23.995115	1.699380	1.796100	2820.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		

MONTREAL-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-8	26.394627	1.699380	1.796100	7978.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		
-7	23.995115	1.869318	1.796100	4176.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		
-6	23.995115	1.699380	1.975710	2381.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		
-5	23.995115	1.699380	1.796100	8952.000000
	2.750741	-109.971255	779.457401	
	20.051434	799.295629		
-4	23.995115	1.699380	1.796100	2933.000000
	2.500674	-120.968380	779.457401	
	20.051434	799.295629		
-3	23.995115	1.699380	1.796100	2784.000000
	2.500674	-109.971255	857.403142	
	20.051434	799.295629		
-2	23.995115	1.699380	1.796100	2637.000000
	2.500674	-109.971255	779.457401	
	22.056578	799.295629		
-1	23.995115	1.699380	1.796100	2790.000000
	2.500674	-109.971255	779.457401	
	20.051434	879.225192		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
2	23.995115	1.699380	1.975710	2381.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	23.995115	1.699380	1.975710	2381.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		
-8	24.019110	1.699380	1.975710	2353.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		
-7	23.995115	1.701079	1.975710	2402.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		

MONTREAL-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-6	23.995115	1.699380	1.977686	2381.000000
	2.500674	-109.971255	779.457401	
	20.051434	799.295629		
-5	23.995115	1.699380	1.975710	2347.000000
	2.503174	-109.971255	779.457401	
	20.051434	799.295629		
-4	23.995115	1.699380	1.975710	2371.000000
	2.500674	-110.081226	779.457401	
	20.051434	799.295629		
-3	23.995115	1.699380	1.975710	2377.000000
	2.500674	-109.971255	780.236859	
	20.051434	799.295629		
-2	23.995115	1.699380	1.975710	2381.000000
	2.500674	-109.971255	779.457401	
	20.071486	799.295629		
-1	23.995115	1.699380	1.975710	2381.000000
	2.500674	-109.971255	779.457401	
	20.051434	800.094924		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
2	23.995115	1.699380	1.975710	2347.000000
	2.503174	-109.971255	779.457401	
	20.051434	799.295629		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	5575273.0000	696909.1250
Residual	30	2347.0000	78.2333
Uncorrected Total	38	5577620.0000	
(Corrected Total)	37	1965392.2105	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	23.9951153	0.1500734131	23.68862666	24.30160385
W	1.6993800	0.0212569729	1.65596779	1.74279222
A	1.9757099	0.0069076308	1.96160279	1.98981711
G	2.5031743	0.0156400428	2.47123332	2.53511532
CV	-109.9712548	1.1912988632	-112.40419412	-107.53831542
CT	779.4574014	6.8942702393	765.37752451	793.53727834
CP	20.0514344	0.0701053846	19.90826114	20.19460767
CB	799.2956288	2.7945595486	793.58841783	805.00283969

MONTREAL-LONDON
Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	-3.58646E-15	-0.447213595	-8.65799E-16
W	-3.58646E-15	1	-0.447213595	4.915532E-15
A	-0.447213595	-0.447213595	1	0.4472135955
G	-8.65799E-16	4.915532E-15	0.4472135955	1
CV	-3.33838E-15	0.5773502692	0.2581988897	0.5773502692
CT	7.060741E-16	-7.15325E-15	-0.632455532	-0.707106781
CP	-0.447213595	-0.447213595	1	0.4472135955
CB	-0.447213595	-0.447213595	1	0.4472135955

Corr	CV	CT	CP	CB
H	-3.33838E-15	7.060741E-16	-0.447213595	-0.447213595
W	0.5773502692	-7.15325E-15	-0.447213595	-0.447213595
A	0.2581988897	-0.632455532	1	1
G	0.5773502692	-0.707106781	0.4472135955	0.4472135955
CV	1	-0.40824829	0.2581988897	0.2581988897
CT	-0.40824829	1	-0.632455532	-0.632455532
CP	0.2581988897	-0.632455532	1	1
CB	0.2581988897	-0.632455532	1	1

MONTREAL-LONDON
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	159.93	
w	84.50	
a	285.51	0.998
g	166.67	
cv	-92.35	
ct	113.12	
cp	285.71	
cb	286.38	

OTTAWA-KINGSTON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	6.000000	1.800000	1.500000	2.286236
	3.000000	-6.000000	95.000000	
	42.000000			
-7	6.600000	1.800000	1.500000	59319.445879
	3.000000	-6.000000	95.000000	
	42.000000			
-6	6.000000	1.980000	1.500000	3096198
	3.000000	-6.000000	95.000000	
	42.000000			
-5	6.000000	1.800000	1.650000	944.071054
	3.000000	-6.000000	95.000000	
	42.000000			
-4	6.000000	1.800000	1.500000	11691508
	3.300000	-6.000000	95.000000	
	42.000000			
-3	6.000000	1.800000	1.500000	441852
	3.000000	-6.600000	95.000000	
	42.000000			
-2	6.000000	1.800000	1.500000	4011.012371
	3.000000	-6.000000	104.500000	
	42.000000			
-1	6.000000	1.800000	1.500000	12483.131812
	3.000000	-6.000000	95.000000	
	46.200000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	6.000000	1.800000	1.500000	2.286236
	3.000000	-6.000000	95.000000	
	42.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	6.000000	1.800000	1.500000	2.286236
	3.000000	-6.000000	95.000000	
	42.000000			
-7	6.600000	1.800000	1.500000	59319.445879
	3.000000	-6.000000	95.000000	
	42.000000			
-6	6.000000	1.980000	1.500000	3096198
	3.000000	-6.000000	95.000000	
	42.000000			

OTTAWA-KINGSTON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-5	6.000000	1.800000	1.650000	944.071054
	3.000000	-6.000000	95.000000	
	42.000000			
-4	6.000000	1.800000	1.500000	11691508
	3.300000	-6.000000	95.000000	
	42.000000			
-3	6.000000	1.800000	1.500000	441852
	3.000000	-6.600000	95.000000	
	42.000000			
-2	6.000000	1.800000	1.500000	4011.012371
	3.000000	-6.000000	104.500000	
	42.000000			
-1	6.000000	1.800000	1.500000	12483.131812
	3.000000	-6.000000	95.000000	
	46.200000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	6.000000	1.800000	1.500000	2.286236
	3.000000	-6.000000	95.000000	
	42.000000			

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	11118494451	1588356350
Residual	25	2	0
Uncorrected Total	32	11118494453	
(Corrected Total)	31	6623765672	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	6.00000000	0.03559190771	5.926697681	6.073302319
W	1.80000000	0.00534073932	1.789000630	1.810999370
A	1.50000000	0.02640455611	1.445619234	1.554380766
G	3.00000000	0.00069189956	2.998575018	3.001424982
CV	-6.00000000	0.05164825008	-6.106370711	-5.893629289
CT	95.00000000	0.84010910518	93.269776757	96.730223243
CB	42.00000000	0.50320113572	40.963646156	43.036353844

OTTAWA-KINGSTON
Non-Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	-0.47204	-0.43416	-0.56124	-0.32103	0.860451	0.788921
W	-0.47204	1	0.134852	0.918539	0.985303	0.005573	0.079049
A	-0.43416	0.134852	1	0.284621	0.077201	-0.5856	-0.6872
G	-0.56124	0.918539	0.284621	1	0.899533	-0.16366	-0.10253
CV	-0.32103	0.985303	0.077201	0.899533	1	0.162029	0.22595
CT	0.860451	0.005573	-0.5856	-0.16366	0.162029	1	0.98394
CB	0.788921	0.079049	-0.6872	-0.10253	0.22595	0.98394	1

OTTAWA-KINGSTON
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	0.18	
w	0.01	
a	0.01	0.995
g	0.01	
cv	0.00	
ct	0.01	
cp		
cb	0.00	

OTTAWA-KINGSTON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CT	CB	
-3	22.000000	1.700000	1.800000	145696
	2.860000	90.000000	182.000000	
-2	22.000000	1.700000	1.800000	37070.000000
	2.600000	99.000000	182.000000	
-1	22.000000	1.700000	1.800000	37097.000000
	2.600000	90.000000	200.200000	

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CT	CB	
0	22.000000	1.700000	1.800000	36955.000000
	2.600000	90.000000	182.000000	

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	6	1207498612.0	201249768.7
Residual	26	36955.0	1421.3
Uncorrected Total	32	1207535567.0	
(Corrected Total)	31	807380589.5	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	22.0000000	0.90592837	20.13785230	23.8621477
W	1.7000000	1.40855006	-1.19529323	4.5952932
A	1.8000000	8.50268869	-15.67738872	19.2773887
G	2.6000000	0.26367090	2.05802100	3.1419790
CT	90.0000000	398.11231915	-728.32512164	908.3251216
CB	182.0000000	520.37106556	-887.62958704	1251.6295870

OTTAWA-KINGSTON
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CT	CB	
-7	22.000000	1.700000	1.800000	36955.000000
	2.600000	90.000000	182.000000	
-6	24.200000	1.700000	1.800000	615780
	2.600000	90.000000	182.000000	
-5	22.000000	1.870000	1.800000	37056.000000
	2.600000	90.000000	182.000000	
-4	22.000000	1.700000	1.980000	37097.000000
	2.600000	90.000000	182.000000	
-3	22.000000	1.700000	1.800000	145696
	2.860000	90.000000	182.000000	
-2	22.000000	1.700000	1.800000	37070.000000
	2.600000	99.000000	182.000000	
-1	22.000000	1.700000	1.800000	37097.000000
	2.600000	90.000000	200.200000	

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CT	CB	
0	22.000000	1.700000	1.800000	36955.000000
	2.600000	90.000000	182.000000	

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CT	CB	
-7	22.000000	1.700000	1.800000	36955.000000
	2.600000	90.000000	182.000000	
-6	24.200000	1.700000	1.800000	615780
	2.600000	90.000000	182.000000	
-5	22.000000	1.870000	1.800000	37056.000000
	2.600000	90.000000	182.000000	
-4	22.000000	1.700000	1.980000	37097.000000
	2.600000	90.000000	182.000000	

OTTAWA-KINGSTON
Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CB
H	1	-0.08716	-0.422066	0.9688869	0.4510688	0.0544595
W	-0.08716	1	-0.003853	-0.302399	0.2215219	0.03347
A	-0.422066	-0.003853	1	-0.395983	-0.882672	-0.173321
G	0.9688869	-0.302399	-0.395983	1	0.3751444	0.0495971
CT	0.4510688	0.2215219	-0.882672	0.3751444	1	0.0328128
CB	0.0544595	0.03347	-0.173321	0.0495971	0.0328128	1

OTTAWA-KINGSTON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-74.300000	11362068
-1	-81.730000	5370751

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-81.730000	5370751
1	-90.000000	1547450

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-90.000000	1547450
-1	-99.000000	36955.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-99.000000	36955.000000

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-99.000000	36955.000000
-1	-99.099000	37463.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-99.000000	36955.000000

WARNING: Step size shows no improvement.
WARNING: PROC NLIN failed to converge.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	1207498612.0	1207498612.0
Residual	31	36955.0	1192.1
Uncorrected Total	32	1207535567.0	
(Corrected Total)	31	807380589.5	

OTTAWA-KINGSTON
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
CV	-99.00000000	0.21447372399	-99.437418998	-98.562581002

Asymptotic Correlation Matrix

Corr	CV
CV	1

OTTAWA–KINGSTON
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	24.44	
w	1.21	
a	0.21	0.999
g	13.00	
cv	–471.43	
ct	0.23	
cp		
cb	0.35	

OTTAWA-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	8.000000	1.500000	1.600000	80574.000000
	3.200000	-39.000000	81.000000	
	231.000000	158.000000		
-8	8.800000	1.500000	1.600000	11320757
	3.200000	-39.000000	81.000000	
	231.000000	158.000000		
-7	8.000000	1.650000	1.600000	12228634
	3.200000	-39.000000	81.000000	
	231.000000	158.000000		
-6	8.000000	1.500000	1.760000	81330.000000
	3.200000	-39.000000	81.000000	
	231.000000	158.000000		
-5	8.000000	1.500000	1.600000	46124377
	3.520000	-39.000000	81.000000	
	231.000000	158.000000		
-4	8.000000	1.500000	1.600000	47082838
	3.200000	-42.900000	81.000000	
	231.000000	158.000000		
-3	8.000000	1.500000	1.600000	85833.000000
	3.200000	-39.000000	89.100000	
	231.000000	158.000000		
-2	8.000000	1.500000	1.600000	82497.000000
	3.200000	-39.000000	81.000000	
	254.100000	158.000000		
-1	8.000000	1.500000	1.600000	84453.000000
	3.200000	-39.000000	81.000000	
	231.000000	173.800000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	8.000000	1.500000	1.600000	80574.000000
	3.200000	-39.000000	81.000000	
	231.000000	158.000000		
1	8.005772	1.499992	1.571720	80561.000000
	3.200349	-39.008863	81.459125	
	232.000000	158.549762		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	59289381306	7411172663
Residual	58	80561	1389
Uncorrected Total	66	59289461867	
(Corrected Total)	65	47405971174	

OTTAWA-TORONTO
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	8.0057720	0.745451812	6.513588252	9.49795566
W	1.4999915	0.082269489	1.335311274	1.66467177
A	1.5717197	2.073232039	-2.578304499	5.72174391
G	3.2003486	0.050490628	3.099280605	3.30141652
CV	-39.0088630	0.123256173	-39.255586969	-38.76213897
CT	81.4591255	41.357705857	-1.327305152	164.24555608
CP	232.0000000	93.517657089	44.804098544	419.19590146
CB	158.5497620	52.787456769	52.884202540	264.21532145

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	0.9838262916	-0.242944029	0.9426664289
W	0.9838262916	1	-0.219898651	0.8753073686
A	-0.242944029	-0.219898651	1	-0.203023992
G	0.9426664289	0.8753073686	-0.203023992	1
CV	-0.025974363	0.0268403934	0.3264626313	0.0409971255
CT	0.8375532645	0.8253521794	-0.716440209	0.7588729083
CP	0.8687386209	0.8677849234	-0.600803643	0.7747805006
CB	0.8839066414	0.87397948	-0.619336567	0.7977992582

Corr	CV	CT	CP	CB
H	-0.025974363	0.8375532645	0.8687386209	0.8839066414
W	0.0268403934	0.8253521794	0.8677849234	0.87397948
A	0.3264626313	-0.716440209	-0.600803643	-0.619336567
G	0.0409971255	0.7588729083	0.7747805006	0.7977992582
CV	1	-0.155710291	-0.089329809	-0.153605219
CT	-0.155710291	1	0.9422701862	0.9633405828
CP	-0.089329809	0.9422701862	1	0.925792869
CB	-0.153605219	0.9633405828	0.925792869	1

OTTAWA-TORONTO
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	10.81	
w	18.75	
a	0.76	0.999
g	64.00	
cv	-325.00	
ct	1.97	
cp	2.48	
cb	2.99	

OTTAWA-TORONTO
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	23.000000	1.900000	1.600000	74191.000000
	2.400000	-131.000000	106.000000	
	1.000000	727.000000		
-8	25.300000	1.900000	1.600000	17499637
	2.400000	-131.000000	106.000000	
	1.000000	727.000000		
-7	23.000000	2.090000	1.600000	960988
	2.400000	-131.000000	106.000000	
	1.000000	727.000000		
-6	23.000000	1.900000	1.760000	706757
	2.400000	-131.000000	106.000000	
	1.000000	727.000000		
-5	23.000000	1.900000	1.600000	41099132
	2.640000	-131.000000	106.000000	
	1.000000	727.000000		
-4	23.000000	1.900000	1.600000	32244752
	2.400000	-144.100000	106.000000	
	1.000000	727.000000		
-3	23.000000	1.900000	1.600000	177279
	2.400000	-131.000000	116.600000	
	1.000000	727.000000		
-2	23.000000	1.900000	1.600000	74437.000000
	2.400000	-131.000000	106.000000	
	1.100000	727.000000		
-1	23.000000	1.900000	1.600000	99279
	2.400000	-131.000000	106.000000	
	1.000000	799.700000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	23.000000	1.900000	1.600000	74191.000000
	2.400000	-131.000000	106.000000	
	1.000000	727.000000		
1	23.007282	1.899805	1.601135	74183.000000
	2.399968	-131.020196	105.988645	
	0.997525	727.129745		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	8973320031.0	1121665003.9
Residual	58	74183.0	1279.0
Uncorrected Total	66	8973394214.0	
(Corrected Total)	65	4954521480.7	

OTTAWA-TORONTO
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	23.0072820	3.59516488	15.81077863	30.20378531
W	1.8998048	0.16438579	1.57075097	2.22885870
A	1.6011350	1.14991498	-0.70066961	3.90293956
G	2.3999678	0.00077418	2.39841807	2.40151743
CV	-131.0201963	7.98704032	-147.00799212	-115.03240038
CT	105.9886446	7.65171760	90.67206993	121.30521919
CP	0.9975247	1.24075850	-1.48612289	3.48117235
CB	727.1297452	124.21093517	478.49458147	975.76490887

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	-0.041301538	0.8448186113	0.0982491348
W	-0.041301538	1	0.4985729389	0.0338038102
A	0.8448186113	0.4985729389	1	0.0970740876
G	0.0982491348	0.0338038102	0.0970740876	1
CV	-0.494896624	0.8876502861	0.0461073742	0.0003160697
CT	0.2976436615	0.9141582875	0.7435781531	0.0371214375
CP	-0.384184244	-0.198977904	-0.462716492	0.3257328278
CB	0.8775715667	0.4196679185	0.9847114198	0.1177285732

Corr	CV	CT	CP	CB
H	-0.494896624	0.2976436615	-0.384184244	0.8775715667
W	0.8876502861	0.9141582875	-0.198977904	0.4196679185
A	0.0461073742	0.7435781531	-0.462716492	0.9847114198
G	0.0003160697	0.0371214375	0.3257328278	0.1177285732
CV	1	0.6582574187	0.0074167667	-0.037055149
CT	0.6582574187	1	-0.210615896	0.6871616441
CP	0.0074167667	-0.210615896	1	-0.41409673
CB	-0.037055149	0.6871616441	-0.41409673	1

OTTAWA-TORONTO
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	6.41	
w	11.81	
a	1.40	0.999
g	3087.86	
cv	-16.40	
ct	13.73	
cp		
cb	5.85	

OTTAWA-KITCHENER
Non Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	G	CV	Sum of Squares
	CT	CB		
-6	7.000000	3.200000	-42.000000	26106669
	40.000000	290.000000		
-5	7.700000	3.200000	-42.000000	31083947
	40.000000	290.000000		
-4	7.000000	3.520000	-42.000000	18739281
	40.000000	290.000000		
-3	7.000000	3.200000	-46.200000	15785934
	40.000000	290.000000		
-2	7.000000	3.200000	-42.000000	26107205
	44.000000	290.000000		
-1	7.000000	3.200000	-42.000000	26109419
	40.000000	319.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	G	CV	Sum of Squares
	CT	CB		
0	7.000000	3.200000	-46.200000	15785934
	40.000000	290.000000		
1	6.990696	3.199240	-46.180582	15767427
	39.796739	290.661371		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	5	564068654.00	112813730.80
Residual	27	15767427.00	583978.78
Uncorrected Total	32	579836081.00	
(Corrected Total)	31	418766241.97	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	6.9906961	6.811585	-6.985413	20.966805
G	3.1992398	3.389194	-3.754758	10.153238
CV	-46.1805821	46.307902	-141.195811	48.834646
CT	39.7967391	2504.062666	-5098.075530	5177.669008
CB	290.6613705	22173.640886	-45205.538122	45786.860863

Asymptotic Correlation Matrix

Corr	H	G	CV	CT	CB
H	1	-0.309438363	-0.764593821	-0.05513735	0.4361548311
G	-0.309438363	1	0.8467545102	-0.003949529	-0.476205532
CV	-0.764593821	0.8467545102	1	0.0313272363	-0.571185321
CT	-0.05513735	-0.003949529	0.0313272363	1	-0.429571714
CB	0.4361548311	-0.476205532	-0.571185321	-0.429571714	1

OTTAWA-KITCHENER
Non Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	W	A	Sum of Squares
-3	1.800000	1.800000	15767427
-2	1.980000	1.800000	12449390
-1	1.800000	1.980000	15767427

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	W	A	Sum of Squares
0	1.980000	1.800000	12449390

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	W	A	Sum of Squares
-3	1.980000	1.800000	12449390
-2	2.178000	1.800000	9683920
-1	1.980000	1.980000	12450353

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	W	A	Sum of Squares
0	2.178000	1.800000	9683920

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	2	570152161.00	285076080.50
Residual	30	9683920.00	322797.33
Uncorrected Total	32	579836081.00	
(Corrected Total)	31	418766241.97	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
W	2.178000000	0.266743512	1.63324099	2.72275901
A	1.800000000	59.137081145	-118.97316302	122.57316302

Asymptotic Correlation Matrix

Corr	W	A
W	1	0.0560407445
A	0.0560407445	1

OTTAWA–KITCHENER
Non–Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	1.03	
w	8.35	
a	0.03	0.962
g	0.94	
cv	–0.99	
ct	0.02	
cp		
cb	0.01	

OTTAWA-KITCHENER
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
-8	25.000000	1.200000	1.600000	4158.000000
	1.850000	-130.000000	30.000000	
	380.000000			
-7	27.500000	1.200000	1.600000	5465.000000
	1.850000	-130.000000	30.000000	
	380.000000			
-6	25.000000	1.320000	1.600000	2216.000000
	1.850000	-130.000000	30.000000	
	380.000000			
-5	25.000000	1.200000	1.760000	3999.000000
	1.850000	-130.000000	30.000000	
	380.000000			
-4	25.000000	1.200000	1.600000	968.000000
	2.035000	-130.000000	30.000000	
	380.000000			
-3	25.000000	1.200000	1.600000	1317.000000
	1.850000	-143.000000	30.000000	
	380.000000			
-2	25.000000	1.200000	1.600000	4188.000000
	1.850000	-130.000000	33.000000	
	380.000000			
-1	25.000000	1.200000	1.600000	3736.000000
	1.850000	-130.000000	30.000000	
	418.000000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
0	25.000000	1.200000	1.600000	968.000000
	2.035000	-130.000000	30.000000	
	380.000000			
1	24.586316	1.214486	1.655725	915.000000
	2.000000	-131.142668	29.007501	
	379.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
-8	24.586316	1.214486	1.655725	915.000000
	2.000000	-131.142668	29.007501	
	379.000000			
-7	27.044947	1.214486	1.655725	1075.000000
	2.000000	-131.142668	29.007501	
	379.000000			

OTTAWA-KITCHENER
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-6	24.586316	1.335935	1.655725	1738.000000
	2.000000	-131.142668	29.007501	
	379.000000			
-5	24.586316	1.214486	1.821297	948.000000
	2.000000	-131.142668	29.007501	
	379.000000			
-4	24.586316	1.214486	1.655725	4951.000000
	2.200000	-131.142668	29.007501	
	379.000000			
-3	24.586316	1.214486	1.655725	2424.000000
	2.000000	-144.256935	29.007501	
	379.000000			
-2	24.586316	1.214486	1.655725	950.000000
	2.000000	-131.142668	31.908252	
	379.000000			
-1	24.586316	1.214486	1.655725	1009.000000
	2.000000	-131.142668	29.007501	
	416.900000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
2	24.586316	1.214486	1.655725	915.000000
	2.000000	-131.142668	29.007501	
	379.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	24.586316	1.214486	1.655725	915.000000
	2.000000	-131.142668	29.007501	
	379.000000			
-7	24.610902	1.214486	1.655725	915.000000
	2.000000	-131.142668	29.007501	
	379.000000			
-6	24.586316	1.215701	1.655725	934.000000
	2.000000	-131.142668	29.007501	
	379.000000			
-5	24.586316	1.214486	1.657381	934.000000
	2.000000	-131.142668	29.007501	
	379.000000			
-4	24.586316	1.214486	1.655725	938.000000
	2.002000	-131.142668	29.007501	
	379.000000			

OTTAWA-KITCHENER
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-3	24.586316	1.214486	1.655725	953.000000
	2.000000	-131.273811	29.007501	
	379.000000			
-2	24.586316	1.214486	1.655725	915.000000
	2.000000	-131.142668	29.036509	
	379.000000			
-1	24.586316	1.214486	1.655725	934.000000
	2.000000	-131.142668	29.007501	
	379.379000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
2	24.586316	1.214486	1.655725	915.000000
	2.000000	-131.142668	29.007501	
	379.000000			

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	2054272.0000	293467.4286
Residual	25	915.0000	36.6000
Uncorrected Total	32	2055187.0000	
(Corrected Total)	31	742581.9688	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	24.5863156	0.0000000000	24.58631562	24.58631562
W	1.2144864	0.0034635938	1.20735310	1.22161980
A	1.6557249	0.0047219617	1.64599989	1.66544986
G	2.0000000	0.0120995868	1.97508063	2.02491937
CV	-131.1426680	1.1220173054	-133.45348739	-128.83184859
CT	29.0075014	0.0000000000	29.00750138	29.00750138
CB	379.0000000	1.0808700816	376.77392421	381.22607579

OTTAWA-KITCHENER
Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	.	.	.	.	.	.	.
W	.	1	1	1.68E-16	0.5	.	1
A	.	1	1	1.68E-16	0.5	.	1
G	.	1.68E-16	1.68E-16	1	0.707107	.	-171E-17
CV	.	0.5	0.5	0.707107	1	.	0.5
CT	.	.	.	.	.	.	.
CB	.	1	1	-171E-17	0.5	.	1

OTTAWA-KITCHENER
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	2458000.00	
w	403.33	
a	351.06	0.998
g	232.50	
cv	-127.68	
ct	290000.00	
cp		
cb	350.93	

OTTAWA-LONDON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
-8	8.000000	1.600000	1.600000	30019.000000
	2.200000	100.000000	400.000000	
	200.000000			
-7	8.800000	1.600000	1.600000	2220322
	2.200000	100.000000	400.000000	
	200.000000			
-6	8.000000	1.760000	1.600000	30737.000000
	2.200000	100.000000	400.000000	
	200.000000			
-5	8.000000	1.600000	1.760000	30019.000000
	2.200000	100.000000	400.000000	
	200.000000			
-4	8.000000	1.600000	1.600000	94364
	2.420000	100.000000	400.000000	
	200.000000			
-3	8.000000	1.600000	1.600000	30020.000000
	2.200000	110.000000	400.000000	
	200.000000			
-2	8.000000	1.600000	1.600000	30025.000000
	2.200000	100.000000	440.000000	
	200.000000			
-1	8.000000	1.600000	1.600000	30019.000000
	2.200000	100.000000	400.000000	
	220.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
0	8.000000	1.600000	1.600000	30019.000000
	2.200000	100.000000	400.000000	
	200.000000			
1	7.999923	1.619903	1.600000	29623.000000
	2.194461	100.490970	401.000000	
	200.000000			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	288851318.00	41264474.00
Residual	40	29623.00	740.58
Uncorrected Total	47	288880941.00	
(Corrected Total)	46	225709640.55	

OTTAWA-LONDON
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	7.9999226	0.00137254	7.99714861	8.0026966
W	1.6199033	0.41422482	0.78272748	2.4570790
A	1.6000000	1.73532793	-1.90721256	5.1072126
G	2.1944610	0.11571556	1.96059217	2.4283298
CT	100.4909699	272.34122645	-449.92866811	650.9106079
CP	401.0000000	444.89443524	-498.16108985	1300.1610898
CB	200.0000000	216.91599084	-238.40156963	638.4015696

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CP	CB
H	1	0.297699	0.415517	-0.32647	0.013429	0.015722	0.415517
W	0.297699	1	0.022725	-0.97743	0.037998	0.046307	0.022725
A	0.415517	0.022725	1	-0.03673	-0.83398	-0.33921	1
G	-0.32647	-0.97743	-0.03673	1	-0.03889	-0.04738	-0.03673
CT	0.013429	0.037998	-0.83398	-0.03889	1	0.001843	-0.83398
CP	0.015722	0.046307	-0.33921	-0.04738	0.001843	1	-0.33921
CB	0.415517	0.022725	1	-0.03673	-0.83398	-0.33921	1

OTTAWA-LONDON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-31.700000	47242746
-1	-34.870000	44242674

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-34.870000	44242674
1	-68.000000	4503404

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-68.000000	4503404
-1	-74.800000	34865.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-74.800000	34865.000000

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-74.800000	34865.000000
-1	-74.874800	32020.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-74.874800	32020.000000

WARNING: Step size shows no improvement.
WARNING: PROC NLIN failed to converge.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	288848921.00	288848921.00
Residual	46	32020.00	696.09
Uncorrected Total	47	288880941.00	
(Corrected Total)	46	225709640.55	

OTTAWA-LONDON
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
CV	-74.87480000	0.09191425747	-75.059813256	-74.689786744

Asymptotic Correlation Matrix

Corr	CV
CV	1

OTTAWA–LONDON
Non–Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	6153.85	
w	3.95	
a	0.92	0.999
g	19.04	
cv	–82.20	
ct	0.37	
cp	0.90	
cb	0.93	

OTTAWA-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	25.000000	1.600000	1.600000	1551.000000
	3.000000	0	390.000000	
	0	397.000000		
-8	27.500000	1.600000	1.600000	4578.000000
	3.000000	0	390.000000	
	0	397.000000		
-7	25.000000	1.760000	1.600000	2634.000000
	3.000000	0	390.000000	
	0	397.000000		
-6	25.000000	1.600000	1.760000	2476.000000
	3.000000	0	390.000000	
	0	397.000000		
-5	25.000000	1.600000	1.600000	7896.000000
	3.300000	0	390.000000	
	0	397.000000		
-4	25.000000	1.600000	1.600000	1560.000000
	3.000000	0.100000	390.000000	
	0	397.000000		
-3	25.000000	1.600000	1.600000	1742.000000
	3.000000	0	429.000000	
	0	397.000000		
-2	25.000000	1.600000	1.600000	1529.000000
	3.000000	0	390.000000	
	0.100000	397.000000		
-1	25.000000	1.600000	1.600000	1805.000000
	3.000000	0	390.000000	
	0	436.700000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	25.000000	1.600000	1.600000	1529.000000
	3.000000	0	390.000000	
	0.100000	397.000000		
1	25.001673	1.601525	1.601958	1520.000000
	2.998262	-0.012905	390.295555	
	0.112532	397.087632		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	3818134.0000	477266.7500
Residual	39	1520.0000	38.9744
Uncorrected Total	47	3819654.0000	
(Corrected Total)	46	900126.4255	

OTTAWA-LONDON
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	25.0016732	2.891161999	19.15377438	30.84957202
W	1.6015248	0.086184593	1.42720090	1.77584880
A	1.6019576	0.252972370	1.09027512	2.11363999
G	2.9982621	0.011252190	2.97550254	3.02102173
CV	-0.0129046	0.647601082	-1.32279514	1.29698584
CT	390.2955549	23.616030220	342.52785619	438.06325362
CP	0.1125325	0.480180369	-0.85871931	1.08378423
CB	397.0876322	18.902441961	358.85401947	435.32124484

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	-0.911981994	0.9924413595	0.1415609532
W	-0.911981994	1	-0.896015998	-0.272493698
A	0.9924413595	-0.896015998	1	0.1198052646
G	0.1415609532	-0.272493698	0.1198052646	1
CV	-0.127811688	0.0369589127	-0.121933836	0.1375099824
CT	0.6045141911	-0.53606781	0.5949349188	-0.004558225
CP	-0.161941274	0.234765723	-0.18120027	-0.248709798
CB	0.2327078477	-0.205756504	0.2219937672	-0.01340955

Corr	CV	CT	CP	CB
H	-0.127811688	0.6045141911	-0.161941274	0.2327078477
W	0.0369589127	-0.53606781	0.234765723	-0.205756504
A	-0.121933836	0.5949349188	-0.18120027	0.2219937672
G	0.1375099824	-0.004558225	-0.248709798	-0.01340955
CV	1	-0.097491194	-0.056121	-0.044248006
CT	-0.097491194	1	-0.098363747	0.0707643066
CP	-0.056121	-0.098363747	1	-0.049629364
CB	-0.044248006	0.0707643066	-0.049629364	1

OTTAWA-LONDON
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	8.65	
w	20.00	
a	6.35	0.998
g	271.82	
cv	-0.02	
ct	16.53	
cp	0.23	
cb	21.01	

KINGSTON-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	6.000000	1.600000	1.600000	31178536
	2.500000	-15.000000	82.000000	
	300.000000	102.000000		
-8	6.600000	1.600000	1.600000	66938129
	2.500000	-15.000000	82.000000	
	300.000000	102.000000		
-7	6.000000	1.760000	1.600000	2916323
	2.500000	-15.000000	82.000000	
	300.000000	102.000000		
-6	6.000000	1.600000	1.760000	30838291
	2.500000	-15.000000	82.000000	
	300.000000	102.000000		
-5	6.000000	1.600000	1.600000	63845035
	2.750000	-15.000000	82.000000	
	300.000000	102.000000		
-4	6.000000	1.600000	1.600000	6317878
	2.500000	-16.500000	82.000000	
	300.000000	102.000000		
-3	6.000000	1.600000	1.600000	30071034
	2.500000	-15.000000	90.200000	
	300.000000	102.000000		
-2	6.000000	1.600000	1.600000	31095361
	2.500000	-15.000000	82.000000	
	330.000000	102.000000		
-1	6.000000	1.600000	1.600000	29996512
	2.500000	-15.000000	82.000000	
	300.000000	112.200000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	6.000000	1.760000	1.600000	2916323
	2.500000	-15.000000	82.000000	
	300.000000	102.000000		
1	6.109840	1.700000	1.540831	2619175
	2.502548	-15.546697	81.000000	
	299.000000	101.000000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	6.109840	1.700000	1.540831	2619175
	2.502548	-15.546697	81.000000	
	299.000000	101.000000		

KINGSTON-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-8	6.720824	1.700000	1.540831	6892090
	2.502548	-15.546697	81.000000	
	299.000000	101.000000		
-7	6.109840	1.870000	1.540831	58795518
	2.502548	-15.546697	81.000000	
	299.000000	101.000000		
-6	6.109840	1.700000	1.694914	2554482
	2.502548	-15.546697	81.000000	
	299.000000	101.000000		
-5	6.109840	1.700000	1.540831	208011016
	2.752803	-15.546697	81.000000	
	299.000000	101.000000		
-4	6.109840	1.700000	1.540831	86450642
	2.502548	-17.101366	81.000000	
	299.000000	101.000000		
-3	6.109840	1.700000	1.540831	2416659
	2.502548	-15.546697	89.100000	
	299.000000	101.000000		
-2	6.109840	1.700000	1.540831	2618214
	2.502548	-15.546697	81.000000	
	328.900000	101.000000		
-1	6.109840	1.700000	1.540831	2449508
	2.502548	-15.546697	81.000000	
	299.000000	111.100000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
2	6.109840	1.700000	1.540831	2416659
	2.502548	-15.546697	89.100000	
	299.000000	101.000000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	6.109840	1.700000	1.540831	2416659
	2.502548	-15.546697	89.100000	
	299.000000	101.000000		
-8	6.115950	1.700000	1.540831	2361567
	2.502548	-15.546697	89.100000	
	299.000000	101.000000		
-7	6.109840	1.701700	1.540831	2576464
	2.502548	-15.546697	89.100000	
	299.000000	101.000000		

KINGSTON-TORONTO
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-6	6.109840	1.700000	1.542372	2416432
	2.502548	-15.546697	89.100000	
	299.000000	101.000000		
-5	6.109840	1.700000	1.540831	2706592
	2.505051	-15.546697	89.100000	
	299.000000	101.000000		
-4	6.109840	1.700000	1.540831	2586303
	2.502548	-15.562243	89.100000	
	299.000000	101.000000		
-3	6.109840	1.700000	1.540831	2413366
	2.502548	-15.546697	89.189100	
	299.000000	101.000000		
-2	6.109840	1.700000	1.540831	2416659
	2.502548	-15.546697	89.100000	
	299.299000	101.000000		
-1	6.109840	1.700000	1.540831	2411895
	2.502548	-15.546697	89.100000	
	299.000000	101.101000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
2	6.115950	1.700000	1.540831	2361567
	2.502548	-15.546697	89.100000	
	299.000000	101.000000		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	83385720724	10423215091
Residual	34	2361567	69458
Uncorrected Total	42	83388082291	
(Corrected Total)	41	59375125787	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	6.1159502	0.503095309	5.09354382	7.13835650
W	1.7000000	0.131020820	1.43373531	1.96626469
A	1.5408313	0.441012025	0.64459255	2.43706996
G	2.5025481	0.032471882	2.43655766	2.56853845
CV	-15.5466965	1.392434948	-18.37644726	-12.71694581
CT	89.1000000	9.483758535	69.82680335	108.37319665
CP	299.0000000	44.490093441	208.58581275	389.41418725
CB	101.0000000	10.677270495	79.30131027	122.69868973

KINGSTON-TORONTO
Non-Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	-0.715966106	-0.239161166	0.3927907782
W	-0.715966106	1	0.1617329998	-0.211406152
A	-0.239161166	0.1617329998	1	-0.047186795
G	0.3927907782	-0.211406152	-0.047186795	1
CV	-0.800308502	0.9561709001	0.1962533852	-0.041549139
CT	-0.146182445	0.3613466593	0.1308788358	-0.169198187
CP	-0.004733367	-0.208556575	-0.842100026	0.0937880175
CB	-0.175162508	0.4500542921	-0.228227732	-0.275666722

Corr	CV	CT	CP	CB
H	-0.800308502	-0.146182445	-0.004733367	-0.175162508
W	0.9561709001	0.3613466593	-0.208556575	0.4500542921
A	0.1962533852	0.1308788358	-0.842100026	-0.228227732
G	-0.041549139	-0.169198187	0.0937880175	-0.275666722
CV	1	0.2826096965	-0.130894857	0.3311812087
CT	0.2826096965	1	-0.425557655	-0.052608969
CP	-0.130894857	-0.425557655	1	-0.073312102
CB	0.3311812087	-0.052608969	-0.073312102	1

KINGSTON-TORONTO
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	12.22	
w	13.08	
a	3.50	0.999
g	83.33	
cv	-11.15	
ct	9.40	
cp	6.72	
cb	9.53	

KINGSTON-TORONTO
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A Sum of Squares
	G	CT	CP
	CB		
-8	21.000000	1.700000	1.800000 13357.000000
	2.900000	48.000000	120.000000
	330.000000		
-7	23.100000	1.700000	1.800000 3515755
	2.900000	48.000000	120.000000
	330.000000		
-6	21.000000	1.870000	1.800000 22547.000000
	2.900000	48.000000	120.000000
	330.000000		
-5	21.000000	1.700000	1.980000 13359.000000
	2.900000	48.000000	120.000000
	330.000000		
-4	21.000000	1.700000	1.800000 241991
	3.190000	48.000000	120.000000
	330.000000		
-3	21.000000	1.700000	1.800000 13359.000000
	2.900000	52.800000	120.000000
	330.000000		
-2	21.000000	1.700000	1.800000 13357.000000
	2.900000	48.000000	132.000000
	330.000000		
-1	21.000000	1.700000	1.800000 13395.000000
	2.900000	48.000000	120.000000
	363.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A Sum of Squares
	G	CT	CP
	CB		
0	21.000000	1.700000	1.800000 13357.000000
	2.900000	48.000000	120.000000
	330.000000		
1	20.998847	1.700606	1.799238 13351.000000
	2.899170	47.979682	120.000000
	330.965383		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	4392459073.0	627494153.3
Residual	35	13351.0	381.5
Uncorrected Total	42	4392472424.0	
(Corrected Total)	41	3213730995.3	

KINGSTON-TORONTO
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	20.9988474	0.01819795	20.96190383	21.0357910
W	1.7006058	0.37324372	0.94288525	2.4583263
A	1.7992381	0.96389183	-0.15755478	3.7560309
G	2.8991704	0.12728084	2.64077807	3.1575627
CT	47.9796816	25.70378226	-4.20146078	100.1608241
CP	120.0000000	109.72379035	-102.74981453	342.7498145
CB	330.9653831	409.12813528	-499.60395803	1161.5347242

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CP	CB
H	1	0.061233	0.097089	-0.03582	0.097089	0.774877	0.009732
W	0.061233	1	0.309427	-0.99513	0.309427	-0.23818	0.018463
A	0.097089	0.309427	1	-0.31608	1	-0.15397	-0.55936
G	-0.03582	-0.99513	-0.31608	1	-0.31608	0.267993	-0.02607
CT	0.097089	0.309427	1	-0.31608	1	-0.15397	-0.55936
CP	0.774877	-0.23818	-0.15397	0.267993	-0.15397	1	-0.34373
CB	0.009732	0.018463	-0.55936	-0.02607	-0.55936	-0.34373	1

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-84.000000	179152953
-1	-92.400000	119129158

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-92.400000	119129158
1	-111.800000	15106146

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-111.800000	15106146
-1	-122.980000	13385.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-122.980000	13385.000000

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-122.980000	13385.000000
-1	-123.102980	14242.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
2	-122.980000	13385.000000

KINGSTON-TORONTO
Business Purpose

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	4392459039.0	4392459039.0
Residual	41	13385.0	326.5
Uncorrected Total	42	4392472424.0	
(Corrected Total)	41	3213730995.3	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
CV	-122.9800000	0.06515712163	-123.11158691	-122.84841309

Asymptotic Correlation Matrix

Corr	CV
CV	1

KINGSTON–TORONTO
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	1166.67	
w	4.59	
a	1.88	0.999
g	24.17	
cv	−1892.31	
ct	1.87	
cp	1.10	
cb	0.81	

KINGSTON-KITCHENER
Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	7.000000	2.000000	1.600000	104510
	3.800000	-37.000000	0	
	140.000000			
-7	7.700000	2.000000	1.600000	313614
	3.800000	-37.000000	0	
	140.000000			
-6	7.000000	2.200000	1.600000	80858.000000
	3.800000	-37.000000	0	
	140.000000			
-5	7.000000	2.000000	1.760000	104510
	3.800000	-37.000000	0	
	140.000000			
-4	7.000000	2.000000	1.600000	57352.000000
	4.180000	-37.000000	0	
	140.000000			
-3	7.000000	2.000000	1.600000	17618.000000
	3.800000	-40.700000	0	
	140.000000			
-2	7.000000	2.000000	1.600000	104510
	3.800000	-37.000000	0.100000	
	140.000000			
-1	7.000000	2.000000	1.600000	104510
	3.800000	-37.000000	0	
	154.000000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	7.000000	2.000000	1.600000	17618.000000
	3.800000	-40.700000	0	
	140.000000			
1	6.974663	1.980503	1.606986	17469.000000
	3.787603	-40.669078	0.004366	
	140.611305			
2	6.972194	1.958839	1.611429	17446.000000
	3.778897	-40.756789	0.007143	
	141.000000			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	166441151.00	23777307.29
Residual	24	17446.00	726.92
Uncorrected Total	31	166458597.00	
(Corrected Total)	30	117356331.68	

KINGSTON-KITCHENER
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	6.9721939	0.740703231	5.443469845	8.50091789
W	1.9588387	1.463160567	-1.060951986	4.97862936
A	1.6114286	0.373644372	0.840270699	2.38258644
G	3.7788975	2.628513945	-1.646044980	9.20383995
CV	-40.7567886	6.585992850	-54.349500305	-27.16407689
CT	0.0071429	0.233527733	-0.474830813	0.48911653
CB	141.0000000	25.782045547	87.788901786	194.21109821

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	0.368617	-0.76317	0.562353	0.29561	-0.76317	-0.96219
W	0.368617	1	-0.73528	-0.22485	0.055432	-0.73528	-0.48907
A	-0.76317	-0.73528	1	-0.49014	-0.59921	1	0.817026
G	0.562353	-0.22485	-0.49014	1	0.841664	-0.49014	-0.50786
CV	0.29561	0.055432	-0.59921	0.841664	1	-0.59921	-0.30533
CT	-0.76317	-0.73528	1	-0.49014	-0.59921	1	0.817026
CB	-0.96219	-0.48907	0.817026	-0.50786	-0.30533	0.817026	1

KINGSTON-KITCHENER
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	9.42	
w	1.34	
a	4.35	0.999
g	1.44	
cv	-6.19	
ct	0.03	
cp		
cb	5.47	

KINGSTON-KITCHENER
Business Purpose

Non-Linear Least Squares DUD Initialization			Dependent Variable VOY	
DUD	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
-8	21.000000	1.600000	1.600000	1815080
	2.500000	-110.000000	0	
	210.000000			
-7	23.100000	1.600000	1.600000	2280114
	2.500000	-110.000000	0	
	210.000000			
-6	21.000000	1.760000	1.600000	1214130
	2.500000	-110.000000	0	
	210.000000			
-5	21.000000	1.600000	1.760000	1811439
	2.500000	-110.000000	0	
	210.000000			
-4	21.000000	1.600000	1.600000	826318
	2.750000	-110.000000	0	
	210.000000			
-3	21.000000	1.600000	1.600000	491339
	2.500000	-121.000000	0	
	210.000000			
-2	21.000000	1.600000	1.600000	1815080
	2.500000	-110.000000	0.100000	
	210.000000			
-1	21.000000	1.600000	1.600000	1805471
	2.500000	-110.000000	0	
	231.000000			

Non-Linear Least Squares Iterative Phase			Dependent Variable VOY Method: DUD	
Iter	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
0	21.000000	1.600000	1.600000	491339
	2.500000	-121.000000	0	
	210.000000			
1	20.565404	1.623372	1.634678	421762
	2.479906	-120.789038	-0.000435	
	209.000000			
2	20.724263	1.603543	1.639240	148042
	2.400000	-127.303891	-0.013556	
	209.201028			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization			Dependent Variable VOY	
DUD	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
-8	20.724263	1.603543	1.639240	148042
	2.400000	-127.303891	-0.013556	
	209.201028			

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Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
-7	22.796689	1.603543	1.639240	560958
	2.400000	-127.303891	-0.013556	
	209.201028			
-6	20.724263	1.763897	1.639240	20294.000000
	2.400000	-127.303891	-0.013556	
	209.201028			
-5	20.724263	1.603543	1.803164	147067
	2.400000	-127.303891	-0.013556	
	209.201028			
-4	20.724263	1.603543	1.639240	17675.000000
	2.640000	-127.303891	-0.013556	
	209.201028			
-3	20.724263	1.603543	1.639240	747137
	2.400000	-140.034280	-0.013556	
	209.201028			
-2	20.724263	1.603543	1.639240	148042
	2.400000	-127.303891	-0.014912	
	209.201028			
-1	20.724263	1.603543	1.639240	146078
	2.400000	-127.303891	-0.013556	
	230.121131			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
3	20.724263	1.603543	1.639240	17675.000000
	2.640000	-127.303891	-0.013556	
	209.201028			
4	20.667241	1.605944	1.639599	7764.000000
	2.600000	-127.245401	-0.013600	
	209.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A Sum of Squares	
	G	CV	CT	
	CB			
-8	20.667241	1.605944	1.639599	7764.000000
	2.600000	-127.245401	-0.013600	
	209.000000			
-7	22.733966	1.605944	1.639599	121181
	2.600000	-127.245401	-0.013600	
	209.000000			
-6	20.667241	1.766539	1.639599	89092.000000
	2.600000	-127.245401	-0.013600	
	209.000000			

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Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-5	20.667241	1.605944	1.803559	7746.000000
	2.600000	-127.245401	-0.013600	
	209.000000			
-4	20.667241	1.605944	1.639599	263570
	2.860000	-127.245401	-0.013600	
	209.000000			
-3	20.667241	1.605944	1.639599	1569832
	2.600000	-139.969941	-0.013600	
	209.000000			
-2	20.667241	1.605944	1.639599	7764.000000
	2.600000	-127.245401	-0.014960	
	209.000000			
-1	20.667241	1.605944	1.639599	7890.000000
	2.600000	-127.245401	-0.013600	
	229.900000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
5	20.667241	1.605944	1.803559	7746.000000
	2.600000	-127.245401	-0.013600	
	209.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	20.667241	1.605944	1.803559	7746.000000
	2.600000	-127.245401	-0.013600	
	209.000000			
-7	20.687909	1.605944	1.803559	7534.000000
	2.600000	-127.245401	-0.013600	
	209.000000			
-6	20.667241	1.607550	1.803559	8080.000000
	2.600000	-127.245401	-0.013600	
	209.000000			
-5	20.667241	1.605944	1.805362	7746.000000
	2.600000	-127.245401	-0.013600	
	209.000000			
-4	20.667241	1.605944	1.803559	8342.000000
	2.602600	-127.245401	-0.013600	
	209.000000			
-3	20.667241	1.605944	1.803559	8645.000000
	2.600000	-127.372646	-0.013600	
	209.000000			

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Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-2	20.667241	1.605944	1.803559	7746.000000
	2.600000	-127.245401	-0.013614	
	209.000000			
-1	20.667241	1.605944	1.803559	7746.000000
	2.600000	-127.245401	-0.013600	
	209.209000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
5	20.687909	1.605944	1.803559	7534.000000
	2.600000	-127.245401	-0.013600	
	209.000000			
6	20.684851	1.604635	1.700000	6997.000000
	2.587831	-127.496166	-0.013563	
	211.000000			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	39965253.000	5709321.857
Residual	24	6997.000	291.542
Uncorrected Total	31	39972250.000	
(Corrected Total)	30	33937163.419	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	20.6848512	0.1185464885	20.44018523	20.92951714
W	1.6046354	0.0256978472	1.55159804	1.65767268
A	1.7000000	0.4770942253	0.71533384	2.68466616
G	2.5878312	0.0461677814	2.49254634	2.68311604
CV	-127.4961660	1.1530679853	-129.87596219	-125.11636981
CT	-0.0135633	0.0001799480	-0.01393470	-0.01319192
CB	211.0000000	9.1069791616	192.20427017	229.79572983

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Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	-0.33615	0.033128	0.416294	0.039557	0.089597	-0.07852
W	-0.33615	1	0.547897	0.069116	0.54992	-0.50082	-0.56123
A	0.033128	0.547897	1	0.840745	0.999959	-0.98506	-0.99795
G	0.416294	0.069116	0.840745	1	0.84179	-0.80766	-0.84665
CV	0.039557	0.54992	0.999959	0.84179	1	-0.98346	-0.99849
CT	0.089597	-0.50082	-0.98506	-0.80766	-0.98346	1	0.972014
CB	-0.07852	-0.56123	-0.99795	-0.84665	-0.99849	0.972014	1

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Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	130.06	
w	106.67	
a	170000.00	0.999
g	43.73	
cv	-151.91	
ct	100.00	
cp		
cb	23.19	

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Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CT	CB	
-7	8.000000	1.200000	1.600000	17930.000000
	2.600000	50.000000	150.000000	
-6	8.800000	1.200000	1.600000	1538041
	2.600000	50.000000	150.000000	
-5	8.000000	1.320000	1.600000	32378.000000
	2.600000	50.000000	150.000000	
-4	8.000000	1.200000	1.760000	17929.000000
	2.600000	50.000000	150.000000	
-3	8.000000	1.200000	1.600000	66283.000000
	2.860000	50.000000	150.000000	
-2	8.000000	1.200000	1.600000	17929.000000
	2.600000	55.000000	150.000000	
-1	8.000000	1.200000	1.600000	17930.000000
	2.600000	50.000000	165.000000	

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CT	CB	
0	8.000000	1.200000	1.760000	17929.000000
	2.600000	50.000000	150.000000	

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CT	CB	
-7	8.000000	1.200000	1.760000	17929.000000
	2.600000	50.000000	150.000000	
-6	8.800000	1.200000	1.760000	1538031
	2.600000	50.000000	150.000000	
-5	8.000000	1.320000	1.760000	32378.000000
	2.600000	50.000000	150.000000	
-4	8.000000	1.200000	1.936000	17929.000000
	2.600000	50.000000	150.000000	

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Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CT	CB	
-3	8.000000	1.200000	1.760000	66283.000000
	2.860000	50.000000	150.000000	
-2	8.000000	1.200000	1.760000	17929.000000
	2.600000	55.000000	150.000000	
-1	8.000000	1.200000	1.760000	17929.000000
	2.600000	50.000000	165.000000	

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CT	CB	
0	8.000000	1.200000	1.760000	17929.000000
	2.600000	50.000000	150.000000	
1	7.996939	1.136196	1.760000	16806.000000
	2.641258	50.056120	150.168360	

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	6	172036113.00	28672685.50
Residual	27	16806.00	622.44
Uncorrected Total	33	172052919.00	
(Corrected Total)	32	126576854.73	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	7.9969392	0.032106468	7.931062686	8.06281572
W	1.1361957	0.352275986	0.413390693	1.85900070
A	1.7600000	0.610189067	0.508005180	3.01199482
G	2.6412580	0.323732469	1.977018957	3.30549695
CT	50.0561199	16.750459692	15.687282574	84.42495715
CB	150.1683596	50.251379077	47.061847723	253.27487146

KINGSTON-LONDON
Non-Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CB
H	1	0.228693	0.9930788	-0.032866	0.9925856	0.9925856
W	0.228693	1	0.113241	-0.973658	0.109155	0.109155
A	0.9930788	0.113241	1	0.0821919	0.9999915	0.9999915
G	-0.032866	-0.973658	0.0821919	1	0.0862148	0.0862148
CT	0.9925856	0.109155	0.9999915	0.0862148	1	1
CB	0.9925856	0.109155	0.9999915	0.0862148	1	1

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-39.800000	15652464
-1	-43.780000	9880711

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-43.780000	9880711
1	-53.000000	16806.000000
2	-52.852799	14080.000000

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	172038839.00	172038839.00
Residual	32	14080.00	440.00
Uncorrected Total	33	172052919.00	
(Corrected Total)	32	126576854.73	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
CV	-52.85279862	0.05960009778	-52.974199228	-52.731398007

Asymptotic Correlation Matrix

Corr	CV
CV	1

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Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	266.33	
w	3.23	
a	2.89	0.999
g	8.25	
cv	-3.16	
ct	847.46	
cp		
cb	2.99	

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Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H G CB	W CV	A CT	Sum of Squares
-8	20.000000 2.600000 0	1.200000 0	1.600000 0	151.000000
-7	22.000000 2.600000 0	1.200000 0	1.600000 0	232.000000
-6	20.000000 2.600000 0	1.320000 0	1.600000 0	274.000000
-5	20.000000 2.600000 0	1.200000 0	1.760000 0	202.000000
-4	20.000000 2.860000 0	1.200000 0	1.600000 0	567.000000
-3	20.000000 2.600000 0	1.200000 0.100000	1.600000 0	151.000000
-2	20.000000 2.600000 0	1.200000 0	1.600000 0.100000	168.000000
-1	20.000000 2.600000 0.100000	1.200000 0	1.600000 0	161.000000

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H G CB	W CV	A CT	Sum of Squares
0	20.000000 2.600000 0	1.200000 0	1.600000 0	151.000000
1	20.043174 2.572151 0.045384	1.219396 0	1.597779 0.072130	146.000000

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	354034.00000	50576.28571
Residual	26	146.00000	5.61538
Uncorrected Total	33	354180.00000	
(Corrected Total)	32	57683.51515	

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Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	20.04317364	1.5142548901	16.930602748	23.155744536
W	1.21939573	0.0778891330	1.059293588	1.379497868
A	1.59777867	0.1509097877	1.287581608	1.907975725
G	2.57215082	0.0684424665	2.431466429	2.712835213
CV	0.00000000	0.1553112072	-0.319244234	0.319244234
CT	0.07212970	0.2568850118	-0.455900827	0.600160231
CB	0.04538428	0.2508446563	-0.470230218	0.560998780

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	-0.65765	-0.9093	0.127804	0.172422	0.442334	-0.49939
W	-0.65765	1	0.655299	-0.75425	-0.64437	0.121972	0.620917
A	-0.9093	0.655299	1	-0.20788	-0.14654	-0.48032	0.472393
G	0.127804	-0.75425	-0.20788	1	0.77727	-0.5351	-0.51725
CV	0.172422	-0.64437	-0.14654	0.77727	1	-0.58468	-0.73208
CT	0.442334	0.121972	-0.48032	-0.5351	-0.58468	1	-0.10395
CB	-0.49939	0.620917	0.472393	-0.51725	-0.73208	-0.10395	1

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Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	13.25	
w	15.71	
a	10.60	0.997
g	37.79	
cv		
ct	0.28	
cp		
cb	0.18	

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Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H G	W CT	A CB	Sum of Squares
-7	6.000000 3.200000	1.600000 25.000000	1.800000 25.000000	2293505
-6	6.600000 3.200000	1.600000 25.000000	1.800000 25.000000	149417021
-5	6.000000 3.200000	1.760000 25.000000	1.800000 25.000000	2230719
-4	6.000000 3.200000	1.600000 25.000000	1.980000 25.000000	2290004
-3	6.000000 3.520000	1.600000 25.000000	1.800000 25.000000	95847480
-2	6.000000 3.200000	1.600000 27.500000	1.800000 25.000000	2293680
-1	6.000000 3.200000	1.600000 25.000000	1.800000 27.500000	2290302

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H G	W CT	A CB	Sum of Squares
0	6.000000 3.200000	1.760000 25.000000	1.800000 25.000000	2230719
1	5.993224 3.197106	1.700000 24.000000	1.873835 24.054577	2078017

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	6	2292331458433	382055243072
Residual	36	2078017	57722.6944444
Uncorrected Total	42	2292333536450	
(Corrected Total)	41	1743676161655	

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Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	5.99322411	0.56655215	4.84420961	7.14223862
W	1.70000000	2.97425714	-4.33203890	7.73203890
A	1.87383461	22.63637423	-44.03460013	47.78226935
G	3.19710613	0.13990325	2.91337081	3.48084146
CT	24.00000000	229.71508872	-441.88115455	489.88115455
CB	24.05457653	220.85721521	-423.86207964	471.97123269

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CB
H	1	0.9939858	0.0965244	-0.897167	0.5237859	0.5279769
W	0.9939858	1	0.079836	-0.939674	0.5432999	0.5484408
A	0.0965244	0.079836	1	-0.014198	-0.729325	-0.787889
G	-0.897167	-0.939674	-0.014198	1	-0.567088	-0.576095
CT	0.5237859	0.5432999	-0.729325	-0.567088	1	0.9427075
CB	0.5279769	0.5484408	-0.787889	-0.576095	0.9427075	1

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Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-9.700000	2353142812
-1	-10.670000	1154475493

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-10.670000	1154475493
1	-12.803690	10775193
2	-12.998211	2069617
3	-12.990843	2057872

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	2292331478578	2292331478578
Residual	41	2057872	50192
Uncorrected Total	42	2292333536450	
(Corrected Total)	41	1743676161655	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
CV	-12.99084345	0.01400832655	-13.019133718	-12.962553182

Asymptotic Correlation Matrix

Corr	CV
CV	1

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Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	10.70	
w	0.57	
a	0.08	0.999
g	24.54	
cv	-928.57	
ct	0.10	
cp		
cb	0.11	

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Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	16.000000	1.600000	1.700000	36609288
	3.500000	-43.000000	10.000000	
	60.000000			
-7	17.600000	1.600000	1.700000	61649423
	3.500000	-43.000000	10.000000	
	60.000000			
-6	16.000000	1.760000	1.700000	29840726
	3.500000	-43.000000	10.000000	
	60.000000			
-5	16.000000	1.600000	1.870000	36543893
	3.500000	-43.000000	10.000000	
	60.000000			
-4	16.000000	1.600000	1.700000	15402152
	3.850000	-43.000000	10.000000	
	60.000000			
-3	16.000000	1.600000	1.700000	1078947
	3.500000	-47.300000	10.000000	
	60.000000			
-2	16.000000	1.600000	1.700000	36616020
	3.500000	-43.000000	11.000000	
	60.000000			
-1	16.000000	1.600000	1.700000	36510337
	3.500000	-43.000000	10.000000	
	66.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	16.000000	1.600000	1.700000	1078947
	3.500000	-47.300000	10.000000	
	60.000000			
1	15.998357	1.597033	1.705162	1071705
	3.501198	-47.298333	9.638756	
	59.561434			
2	15.998901	1.595901	1.712090	1070967
	3.502099	-47.296540	9.359712	
	59.255658			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	101766941471	14538134496
Residual	35	1070967	30599
Uncorrected Total	42	101768012438	
(Corrected Total)	41	74783038590	

TORONTO–KITCHENER
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	15.99890111	0.24675126	15.49797239	16.49982983
W	1.59590134	1.72653728	-1.90913488	5.10093756
A	1.71208990	5.28562743	-9.01824057	12.44242036
G	3.50209884	0.55712809	2.37107540	4.63312228
CV	-47.29654040	2.43109212	-52.23189049	-42.36119031
CT	9.35971217	85.30729942	-163.82228477	182.54170912
CB	59.25565816	126.92551262	-198.41530185	316.92661817

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	0.384848	-0.09476	-0.323	-0.01279	0.635518	0.532174
W	0.384848	1	0.6993	-0.97707	0.85302	0.471072	0.750416
A	-0.09476	0.6993	1	-0.70868	0.852037	-0.1894	0.122008
G	-0.323	-0.97707	-0.70868	1	-0.80171	-0.44074	-0.73784
CV	-0.01279	0.85302	0.852037	-0.80171	1	0.022798	0.441074
CT	0.635518	0.471072	-0.1894	-0.44074	0.022798	1	0.725338
CB	0.532174	0.750416	0.122008	-0.73784	0.441074	0.725338	1

TORONTO-KITCHENER
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	66.67	
w	0.93	
a	0.32	0.999
g	6.36	
cv	-19.42	
ct	0.11	
cp		
cb	0.47	

TORONTO-LONDON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	7.000000	1.600000	1.800000	1411289409
	2.300000	-20.000000	54.000000	
	570.000000	93.000000		
-8	7.700000	1.600000	1.800000	2729647033
	2.300000	-20.000000	54.000000	
	570.000000	93.000000		
-7	7.000000	1.760000	1.800000	1104452837
	2.300000	-20.000000	54.000000	
	570.000000	93.000000		
-6	7.000000	1.600000	1.980000	1410157984
	2.300000	-20.000000	54.000000	
	570.000000	93.000000		
-5	7.000000	1.600000	1.800000	668586578
	2.530000	-20.000000	54.000000	
	570.000000	93.000000		
-4	7.000000	1.600000	1.800000	126026410
	2.300000	-22.000000	54.000000	
	570.000000	93.000000		
-3	7.000000	1.600000	1.800000	1408998116
	2.300000	-20.000000	59.400000	
	570.000000	93.000000		
-2	7.000000	1.600000	1.800000	1410909867
	2.300000	-20.000000	54.000000	
	627.000000	93.000000		
-1	7.000000	1.600000	1.800000	1408870915
	2.300000	-20.000000	54.000000	
	570.000000	102.300000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	7.000000	1.600000	1.800000	126026410
	2.300000	-22.000000	54.000000	
	570.000000	93.000000		
1	7.007747	1.598841	1.707814	125000079
	2.300816	-22.017964	54.898222	
	570.095149	94.000000		
2	7.007694	1.597922	1.700000	124550613
	2.300860	-22.020308	54.903077	
	569.646700	93.988056		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	269199435434	33649929429
Residual	49	124550613	2541849
Uncorrected Total	57	269323986047	
(Corrected Total)	56	219537790511	

TORONTO-LONDON
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	7.0076944	6.1689711	-5.389290	19.404679
W	1.5979217	4.2772060	-6.997427	10.193270
A	1.7000000	144.2493859	-288.179355	291.579355
G	2.3008602	0.5208666	1.254142	3.347579
CV	-22.0203085	8.4166962	-38.934255	-5.106362
CT	54.9030768	1631.9804613	-3224.677216	3334.483370
CP	569.6466998	9589.5603864	-18701.253907	19840.547307
CB	93.9880561	1887.5918386	-3699.261399	3887.237511

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	0.5992107475	-0.835059617	-0.013355428
W	0.5992107475	1	-0.798396287	-0.734998372
A	-0.835059617	-0.798396287	1	0.4006155846
G	-0.013355428	-0.734998372	0.4006155846	1
CV	-0.744215003	0.0795268521	0.378192185	-0.543101794
CT	0.8249620989	0.8624732436	-0.990766674	-0.47724471
CP	0.0955819185	0.2540380855	-0.549491306	-0.331646
CB	0.8310352379	0.8716330213	-0.984128384	-0.485843545

Corr	CV	CT	CP	CB
H	-0.744215003	0.8249620989	0.0955819185	0.8310352379
W	0.0795268521	0.8624732436	0.2540380855	0.8716330213
A	0.378192185	-0.990766674	-0.549491306	-0.984128384
G	-0.543101794	-0.47724471	-0.331646	-0.485843545
CV	1	-0.31474167	0.0778904096	-0.317062796
CT	-0.31474167	1	0.4871437539	0.9925696128
CP	0.0778904096	0.4871437539	1	0.4563007211
CB	-0.317062796	0.9925696128	0.4563007211	1

TORONTO-LONDON
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	1.14	
w	0.37	
a	0.01	0.999
g	4.42	
cv	-2.62	
ct	0.03	
cp	0.06	
cb	0.05	

TORONTO-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
-5	16.000000	1.870000	1.980000	38523.000000
	2.800000	30.000000	216.000000	
	352.000000			
-4	16.000000	1.870000	1.800000	911352
	3.080000	30.000000	216.000000	
	352.000000			
-3	16.000000	1.870000	1.800000	38614.000000
	2.800000	33.000000	216.000000	
	352.000000			
-2	16.000000	1.870000	1.800000	38510.000000
	2.800000	30.000000	237.600000	
	352.000000			
-1	16.000000	1.870000	1.800000	38880.000000
	2.800000	30.000000	216.000000	
	387.200000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
0	16.000000	1.870000	1.800000	38510.000000
	2.800000	30.000000	237.600000	
	352.000000			
1	16.000446	1.869971	1.798695	38426.000000
	2.800246	30.012159	237.484554	
	352.204497			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
-8	16.000446	1.869971	1.798695	38426.000000
	2.800246	30.012159	237.484554	
	352.204497			
-7	17.600491	1.869971	1.798695	8751048
	2.800246	30.012159	237.484554	
	352.204497			
-6	16.000446	2.056968	1.798695	40080.000000
	2.800246	30.012159	237.484554	
	352.204497			
-5	16.000446	1.869971	1.978565	38670.000000
	2.800246	30.012159	237.484554	
	352.204497			
-4	16.000446	1.869971	1.798695	911353
	3.080271	30.012159	237.484554	
	352.204497			

TORONTO-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
-3	16.000446	1.869971	1.798695	38532.000000
	2.800246	33.013375	237.484554	
	352.204497			
-2	16.000446	1.869971	1.798695	38663.000000
	2.800246	30.012159	261.233009	
	352.204497			
-1	16.000446	1.869971	1.798695	38536.000000
	2.800246	30.012159	237.484554	
	387.424947			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
2	16.000446	1.869971	1.798695	38426.000000
	2.800246	30.012159	237.484554	
	352.204497			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
-8	16.000446	1.869971	1.798695	38426.000000
	2.800246	30.012159	237.484554	
	352.204497			
-7	16.016447	1.869971	1.798695	39873.000000
	2.800246	30.012159	237.484554	
	352.204497			
-6	16.000446	1.871841	1.798695	38606.000000
	2.800246	30.012159	237.484554	
	352.204497			
-5	16.000446	1.869971	1.800494	38426.000000
	2.800246	30.012159	237.484554	
	352.204497			
-4	16.000446	1.869971	1.798695	38633.000000
	2.803046	30.012159	237.484554	
	352.204497			
-3	16.000446	1.869971	1.798695	38426.000000
	2.800246	30.042171	237.484554	
	352.204497			
-2	16.000446	1.869971	1.798695	38426.000000
	2.800246	30.012159	237.722039	
	352.204497			
-1	16.000446	1.869971	1.798695	38426.000000
	2.800246	30.012159	237.484554	
	352.556702			

TORONTO-LONDON
Business Purpose

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
2	16.000446	1.869971	1.798695	38426.000000
	2.800246	30.012159	237.484554	
	352.204497			

WARNING: Step size shows no improvement.
WARNING: PROC NLIN failed to converge.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	37497061391	5356723056
Residual	50	38426	769
Uncorrected Total	57	37497099817	
(Corrected Total)	56	30307833473	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	16.0004463	0.06759567345	15.86467661	16.13621589
W	1.8699707	0.04303299637	1.78353657	1.95640487
A	1.7986950	0.00000000000	1.79869502	1.79869502
G	2.8002462	0.03099467114	2.73799170	2.86250071
CT	30.0121592	0.00000000000	30.01215920	30.01215920
CP	237.4845540	0.00000000000	237.48455401	237.48455401
CB	352.2044970	0.00000000000	352.20449705	352.20449705

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CP	CB
H	1	-0.39032	.	0.970244	.	.	.
W	-0.39032	1	.	-0.4633	.	.	.
A	.	.	.	.	.	.	.
G	0.970244	-0.4633	.	1	.	.	.
CT	.	.	.	.	.	.	.
CP	.	.	.	.	.	.	.
CB	.	.	.	.	.	.	.

TORONTO–LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-52.000000	1176070950
-1	-57.200000	744314820

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-57.200000	744314820
1	-76.686653	1285230
2	-77.494543	214981
3	-77.983756	39249.000000
4	-78.000000	38426.000000

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	37497061391	37497061391
Residual	56	38426	686
Uncorrected Total	57	37497099817	
(Corrected Total)	56	30307833473	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
CV	-78.00000000	0.03145383780	-78.063009572	-77.936990428

Asymptotic Correlation Matrix

Corr	CV
CV	1

TORONTO-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
-8	16.000000	1.700000	1.800000	43066.000000
	2.800000	30.000000	216.000000	
	352.000000			
-7	17.600000	1.700000	1.800000	11341313
	2.800000	30.000000	216.000000	
	352.000000			
-6	16.000000	1.870000	1.800000	38823.000000
	2.800000	30.000000	216.000000	
	352.000000			
-5	16.000000	1.700000	1.980000	42744.000000
	2.800000	30.000000	216.000000	
	352.000000			
-4	16.000000	1.700000	1.800000	834126
	3.080000	30.000000	216.000000	
	352.000000			
-3	16.000000	1.700000	1.800000	42743.000000
	2.800000	33.000000	216.000000	
	352.000000			
-2	16.000000	1.700000	1.800000	42740.000000
	2.800000	30.000000	237.600000	
	352.000000			
-1	16.000000	1.700000	1.800000	43071.000000
	2.800000	30.000000	216.000000	
	387.200000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
0	16.000000	1.870000	1.800000	38823.000000
	2.800000	30.000000	216.000000	
	352.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CT	CP	
	CB			
-8	16.000000	1.870000	1.800000	38823.000000
	2.800000	30.000000	216.000000	
	352.000000			
-7	17.600000	1.870000	1.800000	8767932
	2.800000	30.000000	216.000000	
	352.000000			
-6	16.000000	2.057000	1.800000	40437.000000
	2.800000	30.000000	216.000000	
	352.000000			

TORONTO-LONDON
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	266.67	
w	46.50	
a	161.26	0.999
g	93.33	
cv	-2484.08	
ct	3000.00	
cp	23700.00	
cb	35200.00	

TORONTO-WINDSOR
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A Sum of Squares
	G	CT	CP
	CB		
-8	7.000000	1.600000	1.600000 38423.000000
	2.400000	85.000000	340.000000
	280.000000		
-7	7.700000	1.600000	1.600000 53823032
	2.400000	85.000000	340.000000
	280.000000		
-6	7.000000	1.760000	1.600000 433451
	2.400000	85.000000	340.000000
	280.000000		
-5	7.000000	1.600000	1.760000 38235.000000
	2.400000	85.000000	340.000000
	280.000000		
-4	7.000000	1.600000	1.600000 4906990
	2.640000	85.000000	340.000000
	280.000000		
-3	7.000000	1.600000	1.600000 38606.000000
	2.400000	93.500000	340.000000
	280.000000		
-2	7.000000	1.600000	1.600000 38247.000000
	2.400000	85.000000	374.000000
	280.000000		
-1	7.000000	1.600000	1.600000 38137.000000
	2.400000	85.000000	340.000000
	308.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A Sum of Squares
	G	CT	CP
	CB		
0	7.000000	1.600000	1.600000 38137.000000
	2.400000	85.000000	340.000000
	308.000000		
1	7.003273	1.602439	1.663380 37554.000000
	2.402725	84.000000	339.559054
	281.000000		

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	27576993758	3939570537
Residual	40	37554	939
Uncorrected Total	47	27577031312	
(Corrected Total)	46	21056942515	

TORONTO-WINDSOR
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	7.0032733	0.04910424	6.90403036	7.1025162
W	1.6024394	0.18805211	1.22237362	1.9825051
A	1.6633798	2.76139368	-3.91757954	7.2443391
G	2.4027249	0.02964117	2.34281809	2.4626316
CT	84.0000000	53.70371871	-24.53876879	192.5387688
CP	339.5590539	337.60377364	-342.76051001	1021.8786178
CB	281.0000000	262.74664816	-250.02836043	812.0283604

Asymptotic Correlation Matrix

Corr	H	W	A	G	CT	CP	CB
H	1	0.952745	0.114896	-0.62456	0.325839	-0.00078	0.050345
W	0.952745	1	0.124492	-0.82942	0.378593	0.122916	0.150793
A	0.114896	0.124492	1	-0.0934	-0.49243	0.099202	-0.31143
G	-0.62456	-0.82942	-0.0934	1	-0.4088	-0.30961	-0.30492
CT	0.325839	0.378593	-0.49243	-0.4088	1	-0.1341	0.195384
CP	-0.00078	0.122916	0.099202	-0.30961	-0.1341	1	-0.11169
CB	0.050345	0.150793	-0.31143	-0.30492	0.195384	-0.11169	1

TORONTO-WINDSOR
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	CV	Sum of Squares
-2	-31.500000	702514249
-1	-34.650000	396678255

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	CV	Sum of Squares
0	-34.650000	396678255
1	-43.716301	19132802
2	-42.113780	171519
3	-41.966832	35346.000000
4	-41.978525	34270.000000

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	1	27576997042	27576997042
Residual	46	34270	745
Uncorrected Total	47	27577031312	
(Corrected Total)	46	21056942515	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
CV	-41.97852481	0.00986790713	-41.998387818	-41.958661802

Asymptotic Correlation Matrix

Corr	CV
CV	1

TORONTO-WINDSOR
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	142.86	
w	8.51	
a	0.60	0.999
g	120.00	
cv	-4275.51	
ct	1.56	
cp	1.01	
cb	1.07	

TORONTO-WINDSOR
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	24.000000	1.600000	1.600000	64735.000000
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		
-8	26.400000	1.600000	1.600000	822822
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		
-7	24.000000	1.760000	1.600000	419556
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		
-6	24.000000	1.600000	1.760000	67561.000000
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		
-5	24.000000	1.600000	1.600000	1648201
	2.970000	-141.000000	60.000000	
	20.000000	360.000000		
-4	24.000000	1.600000	1.600000	6262344
	2.700000	-155.100000	60.000000	
	20.000000	360.000000		
-3	24.000000	1.600000	1.600000	65691.000000
	2.700000	-141.000000	66.000000	
	20.000000	360.000000		
-2	24.000000	1.600000	1.600000	65328.000000
	2.700000	-141.000000	60.000000	
	22.000000	360.000000		
-1	24.000000	1.600000	1.600000	65326.000000
	2.700000	-141.000000	60.000000	
	20.000000	396.000000		

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	24.000000	1.600000	1.600000	64735.000000
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-9	24.000000	1.600000	1.600000	64735.000000
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		
-8	26.400000	1.600000	1.600000	822822
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		

TORONTO-WINDSOR
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
-7	24.000000	1.760000	1.600000	419556
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		
-6	24.000000	1.600000	1.760000	67561.000000
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		
-5	24.000000	1.600000	1.600000	1648201
	2.970000	-141.000000	60.000000	
	20.000000	360.000000		
-4	24.000000	1.600000	1.600000	6262344
	2.700000	-155.100000	60.000000	
	20.000000	360.000000		
-3	24.000000	1.600000	1.600000	65691.000000
	2.700000	-141.000000	66.000000	
	20.000000	360.000000		
-2	24.000000	1.600000	1.600000	65328.000000
	2.700000	-141.000000	60.000000	
	22.000000	360.000000		
-1	24.000000	1.600000	1.600000	65326.000000
	2.700000	-141.000000	60.000000	
	20.000000	396.000000		

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CP	CB		
0	24.000000	1.600000	1.600000	64735.000000
	2.700000	-141.000000	60.000000	
	20.000000	360.000000		

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	8	1023468720.0	127933590.0
Residual	39	64735.0	1659.9
Uncorrected Total	47	1023533455.0	
(Corrected Total)	46	673405477.1	

TORONTO-WINDSOR
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	24.0000000	4.80714780	14.27667286	33.72332714
W	1.6000000	0.38957552	0.81201294	2.38798706
A	1.6000000	2.57832316	-3.61512560	6.81512560
G	2.7000000	0.19930484	2.29686985	3.10313015
CV	-141.0000000	7.94488987	-157.06997883	-124.93002117
CT	60.0000000	36.96626839	-14.77097357	134.77097357
CP	20.0000000	32.62936247	-45.99879578	85.99879578
CB	360.0000000	148.76772475	59.09033023	660.90966977

Asymptotic Correlation Matrix

Corr	H	W	A	G
H	1	0.0278324061	0.6357464248	0.8197898304
W	0.0278324061	1	0.7285753793	-0.468371511
A	0.6357464248	0.7285753793	1	0.1476767364
G	0.8197898304	-0.468371511	0.1476767364	1
CV	-0.552157138	0.7997189537	0.2185821147	-0.803216858
CT	-0.477144744	-0.156067737	-0.630372035	-0.311048268
CP	-0.160629656	-0.326240844	-0.588750822	0.0342125334
CB	0.3808417909	0.5603849511	0.5815907153	-0.000372305

Corr	CV	CT	CP	CB
H	-0.552157138	-0.477144744	-0.160629656	0.3808417909
W	0.7997189537	-0.156067737	-0.326240844	0.5603849511
A	0.2185821147	-0.630372035	-0.588750822	0.5815907153
G	-0.803216858	-0.311048268	0.0342125334	-0.000372305
CV	1	0.1461074949	-0.178795663	0.2147207406
CT	0.1461074949	1	0.7882208855	-0.135156557
CP	-0.178795663	0.7882208855	1	-0.088291685
CB	0.2147207406	-0.135156557	-0.088291685	1

TORONTO-WINDSOR
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	5.00	
w	4.21	
a	0.62	0.999
g	14.21	
cv	-17.76	
ct	1.63	
cp	0.61	
cb	2.43	

KITCHENER-LONDON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	5.000000	1.800000	1.500000	52007.000000
	4.000000	-5.000000	5.000000	
	5.000000			
-7	5.500000	1.800000	1.500000	110794
	4.000000	-5.000000	5.000000	
	5.000000			
-6	5.000000	1.980000	1.500000	2624067
	4.000000	-5.000000	5.000000	
	5.000000			
-5	5.000000	1.800000	1.650000	48140.000000
	4.000000	-5.000000	5.000000	
	5.000000			
-4	5.000000	1.800000	1.500000	8330662
	4.400000	-5.000000	5.000000	
	5.000000			
-3	5.000000	1.800000	1.500000	2322994
	4.000000	-5.500000	5.000000	
	5.000000			
-2	5.000000	1.800000	1.500000	51733.000000
	4.000000	-5.000000	5.500000	
	5.000000			
-1	5.000000	1.800000	1.500000	49925.000000
	4.000000	-5.000000	5.000000	
	5.500000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	5.000000	1.800000	1.650000	48140.000000
	4.000000	-5.000000	5.000000	
	5.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	5.000000	1.800000	1.650000	48140.000000
	4.000000	-5.000000	5.000000	
	5.000000			
-7	5.500000	1.800000	1.650000	99808
	4.000000	-5.000000	5.000000	
	5.000000			
-6	5.000000	1.980000	1.650000	2631002
	4.000000	-5.000000	5.000000	
	5.000000			

LONDON-WINDSOR
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	26.000000	1.600000	1.700000	11525.000000
	3.000000	-95.000000	150.000000	
	1000.000000			
-7	28.600000	1.600000	1.700000	2837827
	3.000000	-95.000000	150.000000	
	1000.000000			
-6	26.000000	1.760000	1.700000	28073.000000
	3.000000	-95.000000	150.000000	
	1000.000000			
-5	26.000000	1.600000	1.870000	11485.000000
	3.000000	-95.000000	150.000000	
	1000.000000			
-4	26.000000	1.600000	1.700000	497903
	3.300000	-95.000000	150.000000	
	1000.000000			
-3	26.000000	1.600000	1.700000	6741701
	3.000000	-104.500000	150.000000	
	1000.000000			
-2	26.000000	1.600000	1.700000	11418.000000
	3.000000	-95.000000	165.000000	
	1000.000000			
-1	26.000000	1.600000	1.700000	11525.000000
	3.000000	-95.000000	150.000000	
	1100.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	26.000000	1.600000	1.700000	11418.000000
	3.000000	-95.000000	165.000000	
	1000.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	26.000000	1.600000	1.700000	11418.000000
	3.000000	-95.000000	165.000000	
	1000.000000			
-7	28.600000	1.600000	1.700000	2836247
	3.000000	-95.000000	165.000000	
	1000.000000			
-6	26.000000	1.760000	1.700000	28092.000000
	3.000000	-95.000000	165.000000	
	1000.000000			

LONDON-WINDSOR
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-5	26.000000	1.600000	1.870000	11418.000000
	3.000000	-95.000000	165.000000	
	1000.000000			
-4	26.000000	1.600000	1.700000	498168
	3.300000	-95.000000	165.000000	
	1000.000000			
-3	26.000000	1.600000	1.700000	6741701
	3.000000	-104.500000	165.000000	
	1000.000000			
-2	26.000000	1.600000	1.700000	11442.000000
	3.000000	-95.000000	181.500000	
	1000.000000			
-1	26.000000	1.600000	1.700000	11418.000000
	3.000000	-95.000000	165.000000	
	1100.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	26.000000	1.600000	1.700000	11418.000000
	3.000000	-95.000000	165.000000	
	1000.000000			

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	7315915248.0	1045130749.7
Residual	27	11418.0	422.9
Uncorrected Total	34	7315926666.0	
(Corrected Total)	33	5253757721.9	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	26.000000	0.78264105	24.3941657	27.6058343
W	1.600000	0.73039686	0.1013611	3.0986389
A	1.700000	0.00000000	1.7000000	1.7000000
G	3.000000	0.17411858	2.6427410	3.3572590
CV	-95.000000	1.12622322	-97.3108012	-92.6891988
CT	165.000000	200.65784722	-246.7126950	576.7126950
CB	1000.000000	0.00000000	1000.0000000	1000.0000000

LONDON-WINDSOR
Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	0.676844	.	0.563066	0.656366	0.179139	.
W	0.676844	1	.	-0.17978	0.89849	0.389076	.
A	.	.	.	.	.	.	.
G	0.563066	-0.17978	.	1	0.0366	-0.26853	.
CV	0.656366	0.89849	.	0.0366	1	0.205383	.
CT	0.179139	0.389076	.	-0.26853	0.205383	1	.
CB	.	.	.	.	.	.	.

LONDON-WINDSOR
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	33.25	
w	2.19	
a	17000.00	0.999
g	17.65	
cv	-84.82	
ct	0.83	
cp		
cb	10000.00	

KITCHENER-LONDON
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-5	5.000000	1.800000	1.815000	45270.000000
	4.000000	-5.000000	5.000000	
	5.000000			
-4	5.000000	1.800000	1.650000	8342287
	4.400000	-5.000000	5.000000	
	5.000000			
-3	5.000000	1.800000	1.650000	2330354
	4.000000	-5.500000	5.000000	
	5.000000			
-2	5.000000	1.800000	1.650000	47897.000000
	4.000000	-5.000000	5.500000	
	5.000000			
-1	5.000000	1.800000	1.650000	46411.000000
	4.000000	-5.000000	5.000000	
	5.500000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	5.000000	1.800000	1.815000	45270.000000
	4.000000	-5.000000	5.000000	
	5.000000			
1	5.292891	1.708671	1.788643	39375.000000
	4.005567	-5.311379	4.899882	
	4.979846			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	35532832856	5076118979
Residual	23	39375	1712
Uncorrected Total	30	35532872231	
(Corrected Total)	29	23192776089	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	5.292890751	10.508648866	-16.445730828	27.031512329
W	1.708671461	2.800316958	-4.084178926	7.501521849
A	1.788643263	5.084019014	-8.728366759	12.305653286
G	4.005567475	0.097021869	3.804864063	4.206270888
CV	-5.311379487	10.578165434	-27.193805887	16.571046914
CT	4.899882348	12.760100704	-21.496184743	31.295949440
CB	4.979846468	11.455652610	-18.717785855	28.677478790

KITCHENER-LONDON
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	0.50	
w	0.61	
a	0.36	0.999
g	44.44	
cv	-0.50	
ct	0.38	
cp		
cb	0.44	

KITCHENER-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	21.000000	1.600000	1.600000	10987.000000
	3.300000	-42.000000	45.000000	
	80.000000			
-7	23.100000	1.600000	1.600000	301450
	3.300000	-42.000000	45.000000	
	80.000000			
-6	21.000000	1.760000	1.600000	51699.000000
	3.300000	-42.000000	45.000000	
	80.000000			
-5	21.000000	1.600000	1.760000	11036.000000
	3.300000	-42.000000	45.000000	
	80.000000			
-4	21.000000	1.600000	1.600000	506384
	3.630000	-42.000000	45.000000	
	80.000000			
-3	21.000000	1.600000	1.600000	1367760
	3.300000	-46.200000	45.000000	
	80.000000			
-2	21.000000	1.600000	1.600000	11047.000000
	3.300000	-42.000000	49.500000	
	80.000000			
-1	21.000000	1.600000	1.600000	11102.000000
	3.300000	-42.000000	45.000000	
	88.000000			

Non-Linear Least Squares Iterative Phase				Dependent Variable VOY Method: DUD
Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	21.000000	1.600000	1.600000	10987.000000
	3.300000	-42.000000	45.000000	
	80.000000			

WARNING: Step size shows no improvement.
NOTE: Restarting DUD with smaller grid.

Non-Linear Least Squares DUD Initialization				Dependent Variable VOY
DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	21.000000	1.600000	1.600000	10987.000000
	3.300000	-42.000000	45.000000	
	80.000000			
-7	23.100000	1.600000	1.600000	301450
	3.300000	-42.000000	45.000000	
	80.000000			
-6	21.000000	1.760000	1.600000	51699.000000
	3.300000	-42.000000	45.000000	
	80.000000			

KITCHENER-LONDON
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-5	21.000000	1.600000	1.760000	11036.000000
	3.300000	-42.000000	45.000000	
	80.000000			
-4	21.000000	1.600000	1.600000	506384
	3.630000	-42.000000	45.000000	
	80.000000			
-3	21.000000	1.600000	1.600000	1367760
	3.300000	-46.200000	45.000000	
	80.000000			
-2	21.000000	1.600000	1.600000	11047.000000
	3.300000	-42.000000	49.500000	
	80.000000			
-1	21.000000	1.600000	1.600000	11102.000000
	3.300000	-42.000000	45.000000	
	88.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	21.000000	1.600000	1.600000	10987.000000
	3.300000	-42.000000	45.000000	
	80.000000			

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	5732966389.0	818995198.4
Residual	23	10987.0	477.7
Uncorrected Total	30	5732977376.0	
(Corrected Total)	29	3778229567.9	

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval Lower	Upper
H	21.00000000	2.29920137	16.24377785	25.75622215
W	1.60000000	0.39599873	0.78082080	2.41917920
A	1.60000000	2.86483904	-4.32632341	7.52632341
G	3.30000000	0.19481959	2.89698821	3.70301179
CV	-42.00000000	0.99683807	-44.06210008	-39.93789992
CT	45.00000000	105.35879219	-172.94951403	262.94951403
CB	80.00000000	110.69972279	-148.99798189	308.99798189

KITCHENER-LONDON
Business Purpose

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	0.45211	0.125206	0.809693	-0.07931	0.064839	0.254369
W	0.45211	1	-0.0791	-0.08419	0.764351	0.368405	0.595502
A	0.125206	-0.0791	1	0.236642	-0.06867	-0.64111	-0.68934
G	0.809693	-0.08419	0.236642	1	-0.38974	-0.21144	-0.14651
CV	-0.07931	0.764351	-0.06867	-0.38974	1	0.249664	0.366771
CT	0.064839	0.368405	-0.64111	-0.21144	0.249664	1	0.60566
CB	0.254369	0.595502	-0.68934	-0.14651	0.366771	0.60566	1

KITCHENER-LONDON
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	9.55	
w	4.10	
a	0.56	0.999
g	17.37	
cv	-42.42	
ct	0.43	
cp		
cb	0.72	

KITCHENER-WINDSOR
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H G	W CV	A CT	Sum of Squares
-7	6.000000 3.000000	1.800000 -8.000000	1.700000 128.000000	60031.000000
-6	6.600000 3.000000	1.800000 -8.000000	1.700000 128.000000	67678.000000
-5	6.000000 3.000000	1.980000 -8.000000	1.700000 128.000000	453041
-4	6.000000 3.000000	1.800000 -8.000000	1.870000 128.000000	60010.000000
-3	6.000000 3.300000	1.800000 -8.000000	1.700000 128.000000	1217105
-2	6.000000 3.000000	1.800000 -8.800000	1.700000 128.000000	132273
-1	6.000000 3.000000	1.800000 -8.000000	1.700000 140.800000	60603.000000

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H G	W CV	A CT	Sum of Squares
0	6.000000 3.000000	1.800000 -8.000000	1.870000 128.000000	60010.000000
1	5.999794 3.000257	1.802300 -7.969835	1.857074 128.423981	59968.000000

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	6	846609694.00	141101615.67
Residual	20	59968.00	2998.40
Uncorrected Total	26	846669662.00	
(Corrected Total)	25	418355862.62	

KITCHENER-WINDSOR
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	5.9997938	8.62641899	-11.99446527	23.99405294
W	1.8023004	1.20106082	-0.70304968	4.30765052
A	1.8570736	10.70907766	-20.48150266	24.19564979
G	3.0002569	0.01134429	2.97659328	3.02392047
CV	-7.9698347	13.73541294	-36.62118808	20.68151876
CT	128.4239813	299.37223008	-496.05084218	752.89880473

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT
H	1	-0.301357	0.1676967	-0.014716	-0.12234	0.6417354
W	-0.301357	1	-0.353721	0.213824	0.9829517	0.3705695
A	0.1676967	-0.353721	1	0.1431962	-0.328081	-0.450777
G	-0.014716	0.213824	0.1431962	1	0.2364483	0.0330817
CV	-0.12234	0.9829517	-0.328081	0.2364483	1	0.506094
CT	0.6417354	0.3705695	-0.450777	0.0330817	0.506094	1

KITCHENER-WINDSOR
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	0.70	
w	1.50	
a	0.19	0.999
g	300.00	
cv	-0.58	
ct	0.43	
cp		
cb		

KITCHENER-WINDSOR
Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
-7	24.000000	1.600000	1.800000	16914.000000
	3.800000	-60.000000	200.000000	
-6	26.400000	1.600000	1.800000	16829.000000
	3.800000	-60.000000	200.000000	
-5	24.000000	1.760000	1.800000	129042
	3.800000	-60.000000	200.000000	
-4	24.000000	1.600000	1.980000	17034.000000
	3.800000	-60.000000	200.000000	
-3	24.000000	1.600000	1.800000	302582
	4.180000	-60.000000	200.000000	
-2	24.000000	1.600000	1.800000	81356.000000
	3.800000	-66.000000	200.000000	
-1	24.000000	1.600000	1.800000	17099.000000
	3.800000	-60.000000	220.000000	

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
0	26.400000	1.600000	1.800000	16829.000000
	3.800000	-60.000000	200.000000	
1	26.381257	1.599470	1.800086	16710.000000
	3.799728	-60.034997	199.734472	

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	6	166105913.00	27684318.83
Residual	20	16710.00	835.50
Uncorrected Total	26	166122623.00	
(Corrected Total)	25	89996810.65	

KITCHENER-WINDSOR
Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	26.3812566	29.64586798	-35.45847442	88.2209876
W	1.5994696	2.34095353	-3.28363714	6.4825763
A	1.8000856	5.47820187	-9.62715720	13.2273283
G	3.7997282	0.01084476	3.77710656	3.8223498
CV	-60.0349968	112.40627523	-294.50861134	174.4386177
CT	199.7344717	493.51506179	-829.71215067	1229.1810940

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT
H	1	-0.657824	-0.034412	-0.22283	-0.654399	-0.10735
W	-0.657824	1	0.0142693	-0.03751	0.9999568	0.5833233
A	-0.034412	0.0142693	1	-0.42149	0.011365	-0.679032
G	-0.22283	-0.03751	-0.42149	1	-0.033326	0.1026897
CV	-0.654399	0.9999568	0.011365	-0.033326	1	0.5865919
CT	-0.10735	0.5833233	-0.679032	0.1026897	0.5865919	1

KITCHENER-WINDSOR
Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	0.89	
w	0.70	
a	0.33	0.999
g	380.00	
cv	-0.54	
ct	0.40	
cp		
cb		

LONDON-WINDSOR
Non-Business Purpose

Non-Linear Least Squares DUD Initialization Dependent Variable VOY

DUD	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
-8	7.000000	1.600000	1.700000	61420.000000
	2.800000	-20.000000	70.000000	
	70.000000			
-7	7.700000	1.600000	1.700000	25764423
	2.800000	-20.000000	70.000000	
	70.000000			
-6	7.000000	1.760000	1.700000	1137522
	2.800000	-20.000000	70.000000	
	70.000000			
-5	7.000000	1.600000	1.870000	61208.000000
	2.800000	-20.000000	70.000000	
	70.000000			
-4	7.000000	1.600000	1.700000	10106209
	3.080000	-20.000000	70.000000	
	70.000000			
-3	7.000000	1.600000	1.700000	56054808
	2.800000	-22.000000	70.000000	
	70.000000			
-2	7.000000	1.600000	1.700000	61425.000000
	2.800000	-20.000000	77.000000	
	70.000000			
-1	7.000000	1.600000	1.700000	61003.000000
	2.800000	-20.000000	70.000000	
	77.000000			

Non-Linear Least Squares Iterative Phase Dependent Variable VOY Method: DUD

Iter	H	W	A	Sum of Squares
	G	CV	CT	
	CB			
0	7.000000	1.600000	1.700000	61003.000000
	2.800000	-20.000000	70.000000	
	77.000000			
1	6.998198	1.599914	1.730367	60754.000000
	2.799131	-19.999493	69.630766	
	76.791353			

NOTE: Convergence criterion met.

Non-Linear Least Squares Summary Statistics Dependent Variable VOY

Source	DF	Sum of Squares	Mean Square
Regression	7	40963051411	5851864487
Residual	27	60754	2250
Uncorrected Total	34	40963112165	
(Corrected Total)	33	29852047953	

LONDON-WINDSOR
Non-Business Purpose

Parameter	Estimate	Asymptotic Std. Error	Asymptotic 95 % Confidence Interval	
			Lower	Upper
H	6.99819821	0.265578553	6.453280267	7.54311616
W	1.59991440	0.164519126	1.262351664	1.93747714
A	1.73036670	5.170616979	-8.878780561	12.33951397
G	2.79913097	0.096496729	2.601137571	2.99712436
CV	-19.99949260	0.013173350	-20.026521870	-19.97246333
CT	69.63076581	77.347347910	-89.071649764	228.33318138
CB	76.79135281	68.048669408	-62.831898707	216.41460433

Asymptotic Correlation Matrix

Corr	H	W	A	G	CV	CT	CB
H	1	0.853327	-0.06062	0.829162	-0.24905	0.059208	0.206224
W	0.853327	1	-0.02662	0.418412	-0.36579	0.141024	0.288033
A	-0.06062	-0.02662	1	-0.07919	-0.07955	-0.63653	-0.7712
G	0.829162	0.418412	-0.07919	1	0.004766	-0.0539	0.051836
CV	-0.24905	-0.36579	-0.07955	0.004766	1	0.030127	0.015592
CT	0.059208	0.141024	-0.63653	-0.0539	0.030127	1	0.454931
CB	0.206224	0.288033	-0.7712	0.051836	0.015592	0.454931	1

LONDON-WINDSOR
Non-Business Purpose

Parameters	T for H0: Parameter = 0	R square
h	26.92	
w	10.00	
a	0.33	0.999
g	29.06	
cv	-1538.46	
ct	0.90	
cp		
cb	1.13	

CALIBRAGES DU MODELE A UTILITE GENERALISEE

RESULTATS PAR MOTIF

MODELE A UTILITE GENERALISEE - MOTIF BUSINESS
RESULTATS ECONOMETRIQUES

Model: MODEL1
Dependent Variable: LTRAFB

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	55.84311	27.92156	46.612	0.0001
Error	17	10.18331	0.59902		
C Total	19	66.02642			

Root MSE	0.77396	R-square	0.8458
Dep Mean	11.35777	Adj R-sq	0.8276
C.V.	6.81439		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > |T|
INTERCEP	1	-5.072570	3.23210610	-1.569	0.1350
LPOP	1	0.907417	0.12066407	7.520	0.0001
LUTIL	1	1.286777	0.16806444	7.656	0.0001

Obs	Dep Var LTRAFB	Predict Value	Std Err Predict	Lower95% Mean	Upper95% Mean	Lower95% Predict	Upper95% Predict
1	13.7986	12.6106	0.221	12.1440	13.0772	10.9123	14.3089
2	10.2026	10.1930	0.214	9.7424	10.6436	8.4991	11.8869
3	10.5815	11.1652	0.263	10.6112	11.7192	9.4409	12.8895
4	13.0449	13.6141	0.291	12.9998	14.2284	11.8695	15.3587
5	13.5428	13.0195	0.389	12.1993	13.8396	11.1921	14.8468
6	9.3691	10.5859	0.226	10.1099	11.0619	8.8850	12.2868
7	11.3762	10.7892	0.275	10.2097	11.3686	9.0565	12.5218
8	13.1522	12.1756	0.253	11.6411	12.7101	10.4574	13.8938
9	8.7765	10.0060	0.224	9.5343	10.4776	8.3063	11.7056
10	9.9644	9.4345	0.264	8.8776	9.9914	7.7092	11.1598
11	12.3128	11.8172	0.185	11.4261	12.2082	10.1381	13.4962
12	9.5237	9.3420	0.341	8.6223	10.0616	7.5575	11.1264
13	8.0475	8.7658	0.366	7.9933	9.5382	6.9594	10.5722
14	13.8781	14.1966	0.360	13.4381	14.9551	12.3961	15.9971
15	13.3694	13.2887	0.271	12.7170	13.8604	11.5586	15.0188
16	11.7621	11.7335	0.187	11.3392	12.1279	10.0537	13.4134
17	12.3975	11.8671	0.353	11.1215	12.6128	10.0720	13.6622
18	10.7031	10.1251	0.275	9.5458	10.7044	8.3925	11.8577
19	12.4785	13.7792	0.308	13.1303	14.4281	12.0221	15.5363
20	8.8739	8.6467	0.520	7.5499	9.7435	6.6797	10.6138

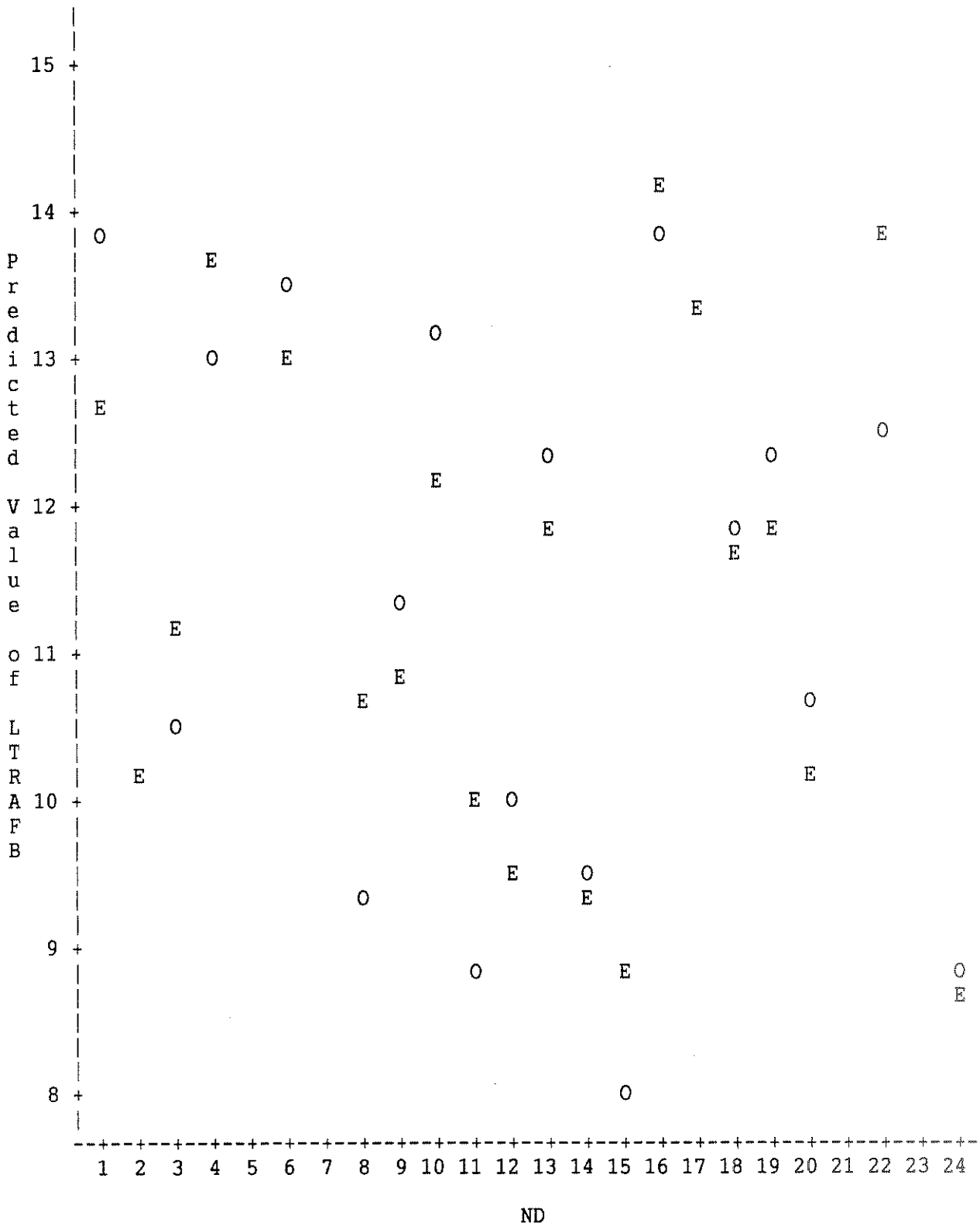
Obs	Residual	Std Err Residual	Student Residual	-2-1-0 1 2	Cook's D
1	1.1880	0.742	1.602	| |*** |	0.076
2	0.0096	0.744	0.013	| | |	0.000
3	-0.5837	0.728	-0.802	| *| |	0.028
4	-0.5692	0.717	-0.794	| *| |	0.035

5	0.5233	0.669	0.782		*	0.069
6	-1.2169	0.740	-1.644	***		0.084
7	0.5870	0.724	0.811		*	0.032
8	0.9766	0.731	1.335		**	0.071
9	-1.2295	0.741	-1.659	***		0.084
10	0.5299	0.728	0.728		*	0.023
11	0.4956	0.751	0.660		*	0.009
12	0.1817	0.695	0.262			0.005
13	-0.7183	0.682	-1.053	**		0.107
14	-0.3185	0.685	-0.465			0.020
15	0.0807	0.725	0.111			0.001
16	0.0286	0.751	0.038			0.000
17	0.5304	0.689	0.770		*	0.052
18	0.5780	0.724	0.799		*	0.031
19	-1.3006	0.710	-1.831	***		0.210
20	0.2272	0.573	0.396			0.043

Sum of Residuals	2.842171E-14
Sum of Squared Residuals	10.1833
Predicted Resid SS (Press)	13.4139

MODELE A UTILITE GENERALISEE - MOTIF BUSINESS
RESULTATS ECONOMETRIQUES

Plot of TRAFHAT*ND. Symbol used is 'E'.
Plot of LTRAFB*ND. Symbol used is 'O'.



NOTE: 2 obs hidden.

MODELE A UTILITE GENERALISEE - MOTIF NON-BUSINESS
RESULTATS ECONOMETRIQUES

Model: MODEL1
Dependent Variable: LTRAFN

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	46.32699	23.16350	79.129	0.0001
Error	17	4.97644	0.29273		
C Total	19	51.30344			

Root MSE	0.54105	R-square	0.9030
Dep Mean	12.48163	Adj R-sq	0.8916
C.V.	4.33475		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob > |T|
INTERCEP	1	0.479896	2.30612328	0.208	0.8376
LPOP	1	0.744466	0.08580816	8.676	0.0001
LUTIL	1	1.597356	0.14860822	10.749	0.0001

Obs	Dep Var LTRAFN	Predict Value	Std Err Predict	Lower95% Mean	Upper95% Mean	Lower95% Predict	Upper95% Predict
1	14.8220	13.9628	0.173	13.5986	14.3270	12.7646	15.1610
2	11.9380	11.3920	0.151	11.0740	11.7101	10.2071	12.5770
3	10.6700	10.8125	0.278	10.2268	11.3983	9.5295	12.0955
4	14.5131	14.9353	0.230	14.4490	15.4216	13.6945	16.1760
5	11.6471	12.4905	0.123	12.2320	12.7490	11.3201	13.6609
6	13.6174	13.4241	0.291	12.8101	14.0380	12.1279	14.7202
7	11.1547	11.9099	0.157	11.5780	12.2418	10.7211	13.0987
8	10.1066	10.7700	0.225	10.2944	11.2457	9.5334	12.0067
9	12.5824	12.6250	0.203	12.1976	13.0523	11.4061	13.8439
10	13.6940	12.9311	0.190	12.5312	13.3311	11.7216	14.1407
11	11.1816	11.2496	0.156	10.9198	11.5794	10.0614	12.4378
12	10.9051	10.5450	0.196	10.1316	10.9584	9.3310	11.7591
13	13.8197	13.6341	0.160	13.2962	13.9720	12.4436	14.8246
14	10.5716	10.8544	0.235	10.3590	11.3498	9.6101	12.0988
15	10.5662	10.1460	0.258	9.6020	10.6900	8.8815	11.4105
16	15.3842	15.7732	0.298	15.1455	16.4008	14.4705	17.0759
17	14.3371	14.4261	0.197	14.0098	14.8425	13.2111	15.6412
18	13.2243	13.0208	0.136	12.7347	13.3069	11.8440	14.1976
19	11.5686	12.1008	0.194	11.6908	12.5108	10.8879	13.3137
20	13.3288	12.6293	0.223	12.1597	13.0989	11.3949	13.8636

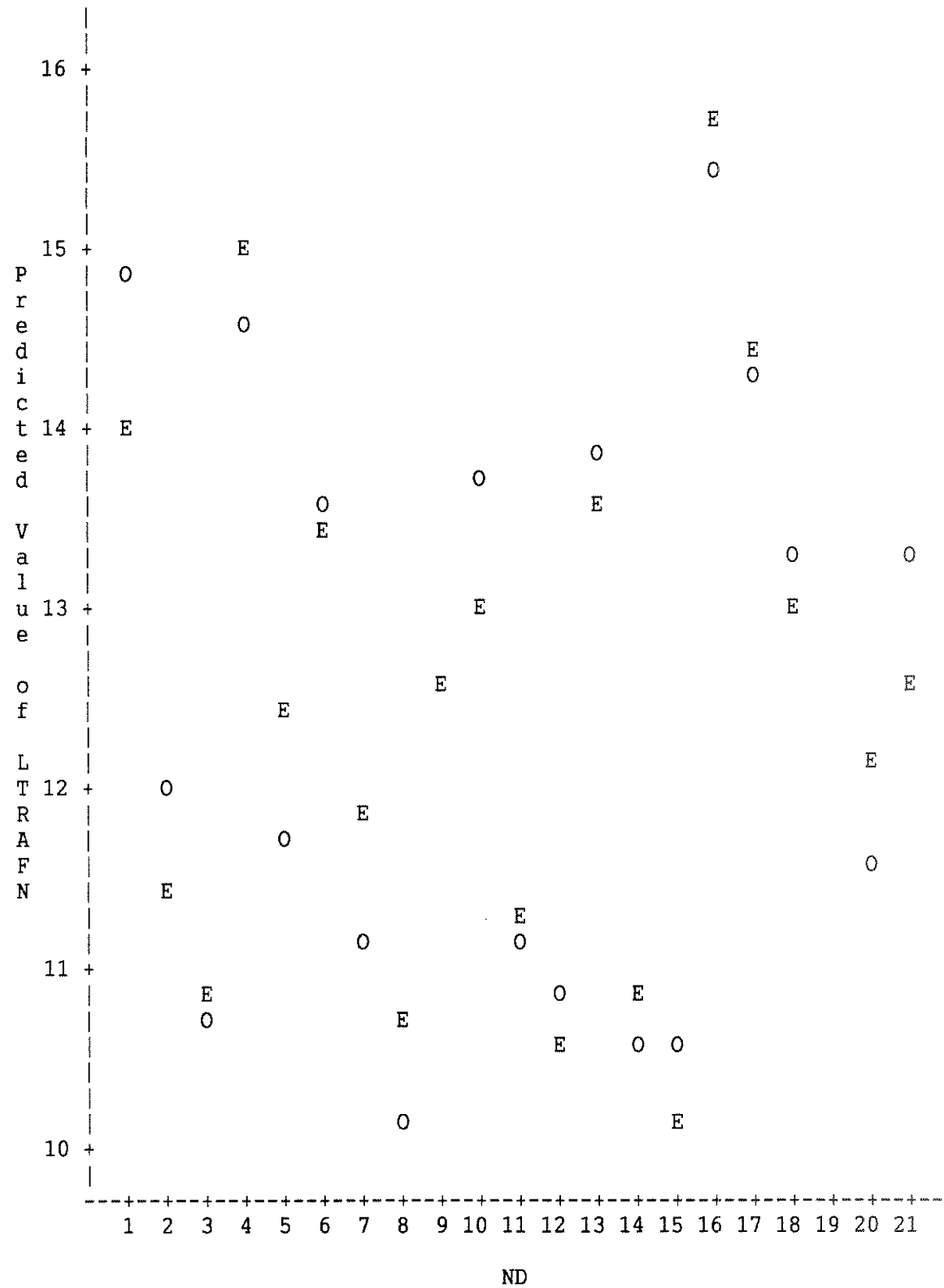
Obs	Residual	Std Err Residual	Student Residual	-2-1-0 1 2	Cook's D
1	0.8592	0.513	1.676	|***|	0.106
2	0.5460	0.520	1.051	|**|	0.031
3	-0.1426	0.464	-0.307	| |	0.011
4	-0.4221	0.489	-0.862	*| |	0.055
5	-0.8435	0.527	-1.601	***| |	0.046

6	0.1934	0.456	0.424	|	|	0.024
7	-0.7552	0.518	-1.459	*|	|	0.066
8	-0.6634	0.492	-1.349	*|	|	0.127
9	-0.0425	0.502	-0.085	|	|	0.000
10	0.7629	0.507	1.505	|	***	0.106
11	-0.0680	0.518	-0.131	|	|	0.001
12	0.3601	0.504	0.714	|	*	0.026
13	0.1856	0.517	0.359	|	|	0.004
14	-0.2828	0.487	-0.580	*	|	0.026
15	0.4202	0.476	0.883	|	*	0.076
16	-0.3890	0.452	-0.861	*	|	0.107
17	-0.0891	0.504	-0.177	|	|	0.002
18	0.2035	0.524	0.388	|	|	0.003
19	-0.5322	0.505	-1.054	*|	|	0.055
20	0.6996	0.493	1.419	|	**	0.137

Sum of Residuals	1.598721E-13
Sum of Squared Residuals	4.9764
Predicted Resid SS (Press)	6.6036

MODELE A UTILITE GENERALISEE - MOTIF NON-BUSINESS
RESULTATS ECONOMETRIQUES

Plot of TRAFHAT*ND. Symbol used is 'E'.
Plot of LTRAFN*ND. Symbol used is 'O'.



NOTE: 1 obs hidden.