TABLE 5D06 DIRECT ELASTICITIES OF TRAVEL DEMAND FOR CBD WORKERS IN CHICAGO

	PCL #1	*PCL #2*	*PCL #3*	*MNL*
Elasticity wrt travel time				
Automobile	–0.47	–0.47	–0.58	–0.64
Rapid Transit	–1.99	–1.39	–1.71	–1.51
Commuter Rail	–3.00	–2.14	–2.63	–2.29
Bus	–2.61	–2.63	–3.15	–3.03
Elasticity wrt travel cost				
Automobile	–0.18	–0.23	–0.24	–0.28
Rapid Transit	–0.19	–0.18	–0.18	–0.17
Commuter Rail	–0.40	–0.38	–0.38	–0.35
Bus	–0.12	–0.16	–0.16	–0.16

Notes PLC denotes paired-combinatorial logit model, MNL – multinomial logit model.

Model #1 calibrated the similarity coefficients for all alternative pairs.

Model #2 estimated by forcing all the similarity coefficients to zero, allowing correlations among the transit models.

Model #3 estimated by forcing all similarity coefficients, except between rapid transit and commuter rail, to zero.

Source Chu (1989, table 7, p. 305).