

## APÉNDICE 1

**Tabla A.1.1. Frecuencia de obstáculos no arancelarios básicos.**

	<b>1993</b>	<b>1996</b>
Australia	0.7	0.7
Canadá	8.3	7.3
Unión Europea	22.1	13.0
Islandia	3.0	0.5
Japón	11.4	9.9
México	2.0	14.1
Nueva Zelandia	0.4	0.8
Noruega	5.9	2.6
Suiza	3.6	0.2
Turquía	0.4	0.6
Estados Unidos	23.0	16.7

OCDE (1997)

**Tabla A.1.2. Regresores de la ecuación de NTB**

Seller concentration	Four-firm concentration ratio
Buyer concentration	Weighted average of the four-firm concentration ratios among buyers of an industry's output (consumers and downstream industries).
Seller number of firms	Number of companies scaled by industry sales.
Buyer number of firms	Weighted average of the number of firms among buyers of an industry's output, scaled by industry sales.
Scale	Caves's (1976) minimum efficient plant size, defined as the percentage of industry sales supplied by the median plant.
Capital stock	Value of depreciable assets such as physical plant and machinery.
Geographic concentration	Measure of the difference between population and industry production patterns across the 50 states.
Unions	Percentage of workers unionized.
Employment size	Number (unscaled) of workers in an industry.
Tenure	Number of years the average worker in the industry has been with his or her current employer.
Industry growth	Growth in industry sales, 1979-83.
Occupation	Proportion of the industry work force in each occupation.
Import penetration	Imports scaled by domestic consumption (domestic production plus net imports).
$\Delta(\text{import penetration})$	Import penetration in 1983 minus import penetration in 1980.
Exports	Exports scaled by domestic consumption.

**Tabla A.1.3. Ecuación de NTB**

Dependent Variable: NTB's	Estimated Coefficient (1)	t-Statistic (2)	Beta Coefficient (3)
<b>Comparative Advantage:</b>			
Import penetration	.17	.46	.11
$\Delta$ (import penetration)	3.31	<b>2.58*</b>	<b>1.74</b>
Exports	-1.82	-5.26*	-.94
<b>Business:</b>			
Seller concentration	.53	2.43*	.42
Seller number of firms	-.22	-1.86	-.33
Buyer concentration	-1.13	-2.08*	-.33
Buyer number of firms	-.06	-2.16*	-.32
Scale	-1.83	-2.04*	-.46
Capital stock	-.27	-2.02*	-.24
<b>Labor:</b>			
Union	.10	.42	.05
Employment size	.08	.31	.03
Tenure	-.01	-.33	-.04
Geographic concentration	.11	.71	.07
<b>Broad-based:</b>			
Occupation:			
Engineers, scientists	1.63	1.70	.58
White-collar	.40	.67	.34
Skilled	-.31	-.61	-.21
Semiskilled	.15	.61	.16
Unskilled	.90	1.57	.53
Unemployment	1.2	1.96*	.30
Industry growth	.03	.26	.03

\* Significativo al 5 % de nivel de confianza.

**Tabla A.1.4. Medidas de importancia para el grupo de regresores.**

<b>Regresores omitidos de la ecuación NTB</b>	<b>Coficiente Beta (1)</b>	<b>Likelihood Ratio Test (2)</b>	<b>Sensitivit y Analisis<sup>a</sup>: <math>\gamma_N</math> (3)</b>
<b>Comparative Advantage<sup>b</sup></b>	2.29	223.1**	-.34
Import penetration	.11	1.8	-.49
$\Delta$ ( Import penetration)	1.74	78.5**	-.48
Exports	.94	26.7**	-.51
Import penetration, $\Delta$ ( Import penetration)	1.91	119.0**	-.45
<b>Business<sup>b</sup></b>	.79	39.7**	-.50
Concentration	.50	15.2**	-.50
Number of firms	.52	15.2**	-.50
Concentration, firms	.73	34.5**	-.50
Scale, capital stock	.53	10.5**	-.51
Concentration, firms, Scale, capital	.78	38.5**	-.50
<b>Labor<sup>b</sup></b>	.10	.9	-.51
Union, employment size, tenure	.06	.4	-.51
<b>Broad-based<sup>b</sup></b>	.42	16.1**	-.52
All occupations	.33	6.7	-.51
White-collar, engineers, and Scientists	.49	4.5	-.51
Unskilled, semiskilled	.41	4.8	-.50
Unskilled, semiskilled, unemployment	.55	13.3**	-.52

\* Significativo a un nivel de 5%

\*\* Significativo a un nivel de 1%

<sup>a</sup> Para cada especificación (renglón), esta columna presenta la estimación de  $\gamma_N$  que es el coeficiente de las NTB's en la ecuación de importaciones. Si este coeficiente varía a través de las especificaciones, entonces es sensible a la elección de la especificación.

<sup>b</sup> Coeficientes Beta pertenecientes a el grupo de regresores.

**Tabla A.1.5. Ecuación de Importaciones**

Dependent Variable: <b>Import Penetration</b>	Estimated coefficient (1)	t-Statistic (2)	Beta Coefficient (3)
<b>NTBs (<math>\gamma_N</math>)</b>	-0.51	<b>-11.56*</b>	<b>-0.80</b>
<b>Capital:</b> Physical capital Inventories	-2.01 1.71	-4.44* 1.69	-0.44 .17
<b>Labor:</b> Engineers, scientist White-collar Skilled Semiskilled Unskilled	.54 -1.70 -1.27 -.59 .40	.98 -4.90* -3.44* -2.01* 1.98*	.07 -.45 -.34 -.15 .20
<b>Land:</b> Cropland Pasture Forest	.26 .85 1.19	.61 1.77 .15	.11 .15 .01
<b>Subsoil:</b> Coal Petroleum Minerals	1.62 -.16 1.29	.39 -.78 .39	.02 -.05 .02
<b>Constant</b>	.81	15.89*	.00

\* Significativo al 5 % de nivel de confianza.

**Tabla A.1.6. Sesgo de simultaneidad.**

<b>Descripción del modelo</b>	<b>Ecuación De Importaciones</b>		
	<b><math>\gamma_N</math> (1)</b>	<b>t- estadístico (2)</b>	<b><math>R^2</math> (3)</b>
<b>Ecuaciones simultaneas</b>	-0.511	-11.56	.80
<b>Ecuación simple de Tobit</b>	-0.044	-2.01	.58
<b>Ecuación simple de OLS &amp;</b>	-0.081	-2.71	.49

\* $\gamma_N$  Es el coeficiente de NTB's en la ecuación de importaciones.