

Table 4-2 Estimation Result of Trance Log Production Function of the Japanese Manufacturing Industry (Firm size: number of workers is between 300 and 999)

Equation	SSE	MSE	Root MSE	R-Square	Adj R-Sq	DurbinWatson
S54	1.27677	0.0081323	0.09018	0.3537	0.3372	2.008
S55	0.00758	0.00004828	0.0069484	0.6138	0.6040	1.808
S60	0.00152	9.67677E-6	0.0031108	0.0982	0.0752	1.857

Parameter	Estimate	Std Err	'T' Ratio	Prob> T
A1	1.282790	0.45899	2.79	0.0058
A2	0.116699	0.02434	4.79	0.0001
A3	0.010800	0.0056016	1.93	0.0557
B11	0.080749	0.06864	1.18	0.2412
B22	0.012743	0.0013976	9.12	0.0001
B33	0.00011938	0.00002155	5.54	0.0001
B12	-0.011879	0.0042767	-2.78	0.0061
B13	0.00034082	0.0007597	0.45	0.6543
B14	-0.112734	0.01487	-7.58	0.0001
B23	-0.00004609	0.0001043	-0.44	0.6591
B24	-0.00524943	0.0012535	-4.19	0.0001
B34	-0.00079185	0.0003658	-2.16	0.0319
B1T	0.00534266	0.0017442	3.06	0.0026
B2T	0.00049309	0.0001227	4.02	0.0001
B3T	-0.00001573	0.00004666	-0.34	0.7366

Author's estimation