

**Table 4-3 Estimation Result of Trance Log Production Function of the Japanese Manufacturing Industry (Firm size: number of workers is between 100 and 299)**

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Equation	SSE	MSE	Root MSE	R-Square	Adj R-Sq	Durbin Watson
S54	0.49330	0.0027104	0.05206	0.5891	0.5800	1.434
S55	0.00799	0.00004388	0.0066244	0.7952	0.7907	1.771
S60	0.01202	0.00006604	0.0081263	0.0874	0.0674	1.754

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Parameter	Estimate	Std Err	'T' Ratio	Prob> T
A1	1.872884	0.24144	7.76	0.0001
A2	0.202882	0.02306	8.80	0.0001
A3	0.039487	0.01505	2.62	0.0094
B11	-0.00448619	0.04884	-0.09	0.9269
B22	0.025113	0.0017271	14.54	0.0001
B33	0.00044136	0.00008364	5.28	0.0001
B12	-0.022064	0.0044601	-4.95	0.0001
B13	-0.00099882	0.0007474	-1.34	0.1831
B14	-0.127490	0.01212	-10.52	0.0001
B23	-0.00059248	0.0001971	-3.01	0.0030
B24	-0.010780	0.0016163	-6.67	0.0001
B34	-0.00209579	0.0013373	-1.57	0.1188
B1T	0.00346959	0.0013128	2.64	0.0089
B2T	0.00045659	0.0001698	2.69	0.0078
B3T	-0.00005644	0.0001308	-0.43	0.6667

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Author's estimation