

Mellander, Erik

**Working Paper**

## The Multi-Dimensional Nature of Labor Demand and Skill-Biased Technical Change

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**Table 5:** The cost function parameters. Standard errors in parentheses.

$\lambda_{L_1t}$	-0.00441*** (0.00071)	$\alpha_{L_1E}$	0.00807 (0.00560)	$\alpha_{L_4M}$	0.05972** (0.02741)
$\lambda_{L_2t}$	-0.00165*** (0.00033)	$\alpha_{L_1M}$	= 0.0	$\alpha_{EM}$	= $\alpha_{L_2M}$
$\lambda_{L_3t}$	-0.00287*** (0.00089)	$\alpha_{L_2L_3}$	-0.02009 (0.02343)	$\gamma_{SS}$	0.01024*** (0.00188)
$\lambda_{L_4t}$	0.00111* (0.00061)	$\alpha_{L_2L_4}$	0.01410 (0.01681)	$\delta_{L_1S}$	-0.13420*** (0.01450)
$\lambda_{Et}$	-0.00022 (0.00041)	$\alpha_{L_2E}$	0.00834*** (0.00274)	$\delta_{L_2S}$	0.00630 (0.00612)
$\lambda_{Mt}$	-0.00740*** (0.00024)	$\alpha_{L_2M}$	-0.01757** (0.00801)	$\delta_{L_3S}$	0.13072*** (0.01865)
$\alpha_{L_1L_2}$	0.09035*** (0.02143)	$\alpha_{L_3L_4}$	0.05144 (0.03899)	$\delta_{L_4S}$	0.04888*** (0.01602)
$\alpha_{L_1L_3}$	0.17898*** (0.06209)	$\alpha_{L_3E}$	0.01858** (0.00735)	$\delta_{ES}$	0.00983 (0.00677)
$\alpha_{L_1L_4}$	-0.10101*** (0.03448)	$\alpha_{L_3M}$	= 0.0	$\delta_{MS}$	-0.10149*** (0.01598)
		$\alpha_{L_4E}$	0.00037 (0.00560)		
	Haessel s	$N_1/Y$	0.898	$E/Y$	0.929
	(1978)	$N_2/Y$	0.906	$M/Y$	0.620
	$R^2$ :	$N_3/Y$	0.888	$Z_S$	0.555
		$N_4/Y$	0.960		

Notes:

- \*, \*\*, and \*\*\* denote significantly different from 0 at the 10%, 5%, and 1% level.
- To save space, the industry-specific estimates of  $\lambda_{L_i0}$ ,  $i = 1, 2, 3, 4$ ,  $\lambda_{E0}$ , and  $\lambda_{M0}$ , and coefficients adjusting for reclassifications in the labor statistics are not reported.
- The parameters  $\alpha_{L_1M}$ ,  $\alpha_{L_3M}$  and  $\alpha_{EM}$  are constrained, as indicated in the table.