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Does the non-farm sector affect production efficiency of the Vietnameseagricultural sector? A stochastic frontier production approach

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Appendix

Table A1: The endogenous regression for inefficiency model

Dependent variable	NF Income		NF participation	
	Coef.	S.E.	Coef.	S.E.
Household socio-economic characteristics				
Head's gender	-2.475	[1.69]	-0.006	[0.02]
Head's age	0.197***	[0.05]	-0.001***	[0.00]
Household size	9.036***	[0.40]	0.006	[0.00]
Ethnicity	17.196***	[1.93]	0.171***	[0.02]
Extension services	-3.220*	[1.92]	-0.017	[0.02]
Supporting policy	1.216	[2.33]	-0.041*	[0.02]
Credit	-0.214***	[0.06]	-0.001	[0.00]
Regional dummy (base region = MNM)				
RRD	10.057***	[2.14]	0.029	[0.02]
NCC	-4.237**	[1.98]	-0.078***	[0.01]
CHL	-16.115***	[2.54]	0.018	[0.03]
SEA	6.733**	[3.17]	0.052	[0.03]
MRD	-3.471	[2.20]	-0.063***	[0.02]
Instrumental variables				
Time_Town	-0.090***	[0.02]	-0.001***	[0.00]
Time_City	-0.041***	[0.01]	-0.0003***	[0.00]
Education	2.264***	[0.19]	0.010***	[0.00]
Constant	-23.455***	[4.10]	0.661***	[0.04]
Number of observations	4823		4823	
R squared	0.21		0.09	

1) ***, **, * indicate statistical significant at 1%, 5%, 10% level, respectively.

2) RRD: Red River Delta, MNM: Midland and Northern Mountainous, NCC: Northern and Central Coast, CHL: Central Highland, SEA: Southeastern Area, MRD: Mekong River Delta.

3) Author' estimation.