

Table S4: Second-stage CRE-probit equations for determinants of adoption of SAPs (Stage 2 of the Control function approach)

VARIABLES	CR	AM	ZT	RR	CF	PH	IS	RH
Sex_HHH	0.0763 (0.155)	0.265** (0.131)	-0.0151 (0.126)	-0.142 (0.122)	-0.0371 (0.210)	0.0138 (0.0763)	-0.246* (0.145)	-0.123 (0.127)
Age_HHH	0.0394 (0.0247)	-0.0142 (0.0115)	- 0.0308* *	-0.00625 (0.00983)	0.0106 (0.0159)	-0.0152 (0.0177)	0.00198 (0.0109)	-0.0141 (0.0108)
Education_HHH	-5.98e-05 (0.0146)	0.00965 (0.0108)	-0.0106 (0.0109)	-0.0104 (0.0123)	0.0252 (0.0223)	-0.00283 (0.00728)	0.00183 (0.0126)	-0.0108 (0.0119)
Labour use	0.0297 (0.0754)	- 0.0963* *	- 0.545** *	0.142** (0.0690)	-0.00427 (0.0712)	0.00715 (0.0786)	-0.137** (0.0585)	-0.0113 (0.0462)
TLU	-0.00418 (0.0183)	0.0277* (0.0139)	0.0377* (0.0187)	-0.0199 (0.0164)	0.00754 (0.0316)	-0.0451*** (0.0133)	-0.00701 (0.0226)	-0.0156 (0.0226)
FBO membership status	-0.957*** (0.362)	0.261 (0.210)	0.625** (0.260)	0.634*** (0.233)	1.090* (0.596)	-0.709*** (0.145)	-0.0207 (0.146)	0.0141 (0.112)
Asset_index	0.374*** (0.126)	0.0321 (0.151)	0.487** (0.242)	0.109 (0.148)	-0.188** (0.0859)	-0.134 (0.153)	0.0690 (0.144)	0.479** (0.184)
Dep_ratio	0.204 (0.440)	- 0.0619* *	0.217 (0.355)	-0.252 (0.160)	-1.562*** (0.490)	0.0984 (0.242)	-0.279* (0.153)	-0.124 (0.136)
Plot_size	-0.321* (0.194)	0.189** (0.0933)	-0.0456 (0.147)	-0.156** (0.0765)	-0.0340 (0.0809)	0.330 (0.223)	0.0156 (0.104)	0.0980 (0.104)
tenure_sec1	-2.438** (1.020)	-0.0895 (0.310)	1.022 (0.645)	-1.179* (0.656)	-0.432*** (0.142)	-0.539*** (0.202)	0.270** (0.122)	-0.408 (0.406)
Distance	0.641*** (0.246)	-0.0407 (0.0307)	0.0736* (0.0291)	0.00925 (0.0148)	-0.305** (0.119)	-0.384* (0.212)	0.0179 (0.0171)	0.0621* (0.0306)
Contract farming	1.311**	2.360**	-	0.675**	-0.337***	0.682**	-0.521**	4.785**

			0.421** *					*
	(0.532)	(1.027)	(0.125)	(0.320)	(0.120)	(0.306)	(0.218)	(1.175)
Credit	-0.270*	0.603**	0.356*	1.354**	0.0189	0.0640	-0.00904	- 0.00098 1
	(0.147)	(0.298)	(0.205)	(0.548)	(0.200)	(0.0709)	(0.139)	(0.114)
Extension	0.146*	-0.172*	4.397** *	0.552**	0.0214	0.0777	-0.150	- 0.255**
	(0.0765)	(0.0937)	(1.108)	(0.281)	(0.176)	(0.0609)	(0.127)	(0.107)
Storage_facility	0.133**	- 0.539**	0.409**	1.804***	0.578*	-0.520**	-0.608*	4.497** *
	(0.0591)	(0.234)	(0.206)	(0.354)	(0.317)	(0.217)	(0.317)	(1.105)
Irrigation_facility	4.840***	0.214	-0.656*	0.952**	-0.660**	0.424*	0.310	-0.212
	(1.155)	(0.375)	(0.385)	(0.485)	(0.329)	(0.257)	(0.493)	(0.387)
gr2_storage_facility	-0.190	0.0832	-0.213	-0.211	-0.0224	-0.0832	-0.262	0.163
	(0.236)	(0.181)	(0.194)	(0.212)	(0.334)	(0.104)	(0.223)	(0.196)
gr2_irrigation_facility	-0.196	-0.0928	0.0529	-0.286	0.103	-0.0797	0.140	0.253
	(0.280)	(0.230)	(0.223)	(0.270)	(0.377)	(0.156)	(0.290)	(0.231)
Constant	-2.198***	- 1.855** *	- 1.452** *	-2.816***	-3.567***	-0.214	- 2.367** *	- 1.337** *
	(0.514)	(0.425)	(0.487)	(0.573)	(1.095)	(0.251)	(0.578)	(0.419)
Joint significance of mean of plot/time varying covariates- χ^2 (6)	70.58***	18.59**	12.72**	11.11*	11.06*	50.43***	17.12**	45.13** *
Observations	2,406	2,406	2,406	2,406	2,406	2,406	2,120	2,406
Number of hhid	1,811	1,811	1,811	1,811	1,811	1,811	1,635	1,811

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1