Table 4 Determinants of adoption of improved rice varieties

Explanatory variable	Coefficients	Standard Error	T-value
First Stage: Probability of Adoption			
Dependent variable: whether a farmer adopt IRV or not			
Gender	-0.724	0.599	-1.21
Years of formal education	0.017	0.032	0.54
Farm size	-0.09	0.062	-1.44
Access to credit	0.911	0.464	1.96**
Access to media	0.948	0.474	2.00**
Membership in association	-0.307	0.365	-0.84
Ownership of mobile phone	-0.447	0.431	-1.04
Main occupation	0.3	0.575	0.52
Household size	-0.05	0.05	-1.01
Agricultural income	3.28E-06	8.77E-07	3.73***
Second Stage: Intensity of Adoption:			
Dependent variable: Proportions of area under IRV			
Gender	0.526	0.280	1.88*
Years of formal education	0.022	0.034	1.18
Farm size	0.949	0.062	28.11***
Access to credit	-0.190	0.191	-1.00
Age	0.012	0.008	1.44
Membership in association	0.041	0.179	0.23
Off-farm Employment	0.120	0.201	0.60
Main occupation	0.227	0.301	0.76
Household size	-0.041	0.024	-1.71*
Agricultural income	5.36e-07	2.08e-07	2.58***
Mills lambda	-0.885	0.456	-1.94**
Rho	-0.905		
Sigma	0.978		
Lambda	-0.885		
Wald chi2(10)	845.29		
Prob>chi2	0.0000		

Note: *, ** and *** Significant at 1%, 5% and 10% respectively