

Supplementary Materials

Table S1 1. Number of farmers allocating fresh paddy produced to different use*

Purpose	Dry 2017 (n=44)		Wet 2017/18 (n=145)		Wet 2018 (n=133)	
	n	%	n	%	n	%
Home consumption	29	65.9	120	82.8	116	87.2
Sold as fresh paddy	15	34.1	30	20.7	20	15.0
Storage and drying	9	20.5	45	31.0	46	34.6

*multiple responses

Table S1 2 Variables of change with items used to measure the latent construct

Variables of change	items	Mean	SD
Financial capital	I have been able to provide financial support to others	2.72	1.364
	I have been able to take out a loan	2.06	1.114
	I have been able to save money due to increase in income	2.71	1.409
Employment	I was able to take on other paid work	3.06	1.514
	my wife/husband was able to take on other paid work	2.73	1.429
	I was able to employ more farm workers.	2.30	1.236
Agricultural Production	My yield has increased a lot	3.99	1.259
	I have produced higher quality rice	4.43	1.005
	rice farming has become more difficult	2.11	.964
	working on the farm is not as hard anymore	4.01	1.144
	I have been able to save money due to avoided production costs	2.77	1.206
	I spent more money on production costs	2.09	.876
Physical capital	I have been able to buy new farming equipment	2.31	1.379
	I have been able to upgrade or build new farm buildings (e.g. tractor shed)	2.08	1.235
	I have been able to buy more land for rice production	1.76	.951
	I was able to have my house, or a part of my house, renovated (e.g. roofing, floors, windows, etc.)	2.16	1.348
	I have been able to build a new house	1.78	1.015
Poverty	My family has more money to spend	2.80	1.214
	I have more money than before	2.92	1.265
	I have lost a lot of money	1.75	.654
Land tenure	I have been able to expand my rice production through renting other land	2.01	1.164
	I had to sell some of my land	1.45	.549
	I have been able to buy more land for farming other crops, vegetables or fruit	1.68	.886
	I have been able to buy land for building a house (or the land the rented where their house is on)	1.67	.918
Social Capital	I can now provide advice to fellow farmers on how to improve their farming practices	4.27	1.070
	I can now organize farmers into groups to work together to improve farming practices	3.94	1.319
	I can now communicate with other farmers about my experience in using best management practices	4.28	.956
Human Capital	I have gained a lot of knowledge	4.54	.903
	I have been able to provide better workforce	3.12	1.344
	I have changed my farming habits	3.93	1.252
	I am now able to express concerns about my farming practices	4.05	1.087
Natural Capital	I see more good insects in my field	2.61	1.278
	I have seen more birds around my fields	2.75	1.345
	I have seen less frogs and toads in my fields	2.74	1.385

	there are more fish in my fields	1.73	.716
Food Security	My family can eat one more meal than before	2.86	1.176
	My family's eating habits have not changed at all.	3.15	1.332
	My family can eat more special food products	2.80	1.161
	My family can eat more meat	2.65	1.109
	My family can eat more fruits	2.99	1.161
	My family can eat more vegetables	3.28	1.155
	The portion sizes of our meals have increased	2.41	.949
	My family eats more kinds of food	3.08	1.282
Cultural capital	I can buy fashionable clothes for my children.	2.57	1.481
	I was able to buy a mobile phone	2.10	1.286
	I was able to buy new furniture for the family home.	2.03	1.219
	I can now provide more donations/pledges for community activities	3.82	1.283
	I was able to participate in community activities	3.77	1.360
	I was able to participate in religious pilgrimages	2.14	1.475
Health	I can immediately seek healthcare without waiting for government support	3.01	1.487
	My health has improved a lot	3.08	1.280
	I have more health issues	1.92	.952

Note. Items were measured on a six point likert-type scale (1 + completely disagree, 6 = fully agree)