

Online Appendix to


Body and mind: experimental evidence from women living with HIV*

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Appendix A


Nutritional information campaign

Good Nutrition For Better Health




Eat a variety of foods from various food groups:

Energy foods - matoke, millet, maize, potatoes, cassava
 Body building foods - meat, fish, mukene, ground nuts, beans, soya
 Protective foods - vegetables and fruits




Drink plenty of cool boiled/treated water:

At least 8 glasses a day!




Eat at least 3 meals a day, and snacks in between meals:

Good snacks include a variety of different fruits



Do not smoke, drink alcohol or use illegal drugs



Avoid infections:

- Take all your medication as prescribed
- Sleep under a treated mosquito net
- Boil all your drinking water or use treated water
- Wash all fruits & vegetables before eating
- Wash your hands before eating
- Wash your hands with soap after using the toilet
- Use a pit latrine or toilet and dispose all faeces properly

Recipe for Home Made Nutritious Food Central Region

Preparation of ingredients before processing:

Soak and germinate maize for about 3 days before milling into flour.
 Sort and roast soya beans at 130° C for 30 minutes. Cool and mill into flour.
 Amaranth is cleaned, sorted and milled into flour.

Ingredients:

In order to make 1 kg of product, carefully mix the following ingredients:
 350g (3 1/2 nice cups) of germinated maize flour
 250g (1/2 tumpeco) of amaranth flour
 250g (1/2 tumpeco) of roasted soya bean flour
 150g (1/2 medium flask cup) of vegetable oil

This will make 10 servings of porridge mix.
 The mix can safely be kept in a clean covered bowl at room temperature.
 Avoid water coming into contact with the mix. **Once mix is prepared use within 5 days.**

Method:


Preparation procedure to make two servings of porridge (2 tumpecos)

1. Heat the oil in the saucepan until ready and cool it for 5 minutes off the fire.
2. Measure 2 tumpecos (500mls each) of cold water and pour it into the oil and cook until boiling.
3. Measure 180g (4 heaped flat shaped ladles) of the thoroughly mixed product and put it into a clean container or bowl.
4. Measure another 1/4 tumpeco (250mls) of cold water and add it to the flour, and dissolve to make a slurry.
5. Pour the slurry to the boiling water and boil for 15 to 20 minutes while stirring to avoid clumps.
6. Serve when warm.

Only 2 tumpecos of porridge should be consumed per person per day.

IMPORTANT FOOD SAFETY NOTICE

- It is very important to sort the cereals and nuts and remove any that are spoiled or mouldy
- Always use cooled boiled water
- Do not use mix after recommended storage time (5 days).



Nutrition and Treatment Outcome Development of Uganda - FHS/HSV/Agribio Research Cluster

Recipes

Each recipe shown prepares one kilogram of porridge. Participants were informed that a pregnant, lactating, non-lactating mother or any other adult should only consume two servings (2 tumpecos of porridge) of the product per day.

Northern Region

The recipe for the Northern region contains millet, rice, soy, sesame, peanuts.

Preparation of ingredients:

Millet is soaked and germinated for 3 days and dried in the sun until it is dry enough for milling, soy beans are sorted and roasted at 130°C for 30 minutes. After roasting, the soya beans are cooled and milled into flour. Rice and sesame are sorted and milled into flour. Groundnuts should be sorted and moldy kernels removed as they usually contain aflatoxins.

In order to make 1 kg of product, mix the following ingredients:

150g of germinated millet flour

300g of rice flour

200g of roasted soybean flour

150g of sesame flour

200g of peanut flour

Preparation of one serving porridge (1 tumpeco):

1. Measure two *tumpecos* (500mls each) of cold water and pour it into a clean saucepan and cook until boiling.
2. Measure 100g of product and put it into a clean container or bowl.
3. Measure another quarter *tumpeco* (250mls) of cold water and add it to the flour, and dissolve to make a slurry.
4. Then pour the slurry into the boiling water and boil for 15 to 20 minutes while stirring to avoid clumps.
5. Cool and serve when warm.

Central region

The recipe for Central region contains maize, amaranth, soy and vegetable oil.

Preparation of ingredients:

Soak and germinate maize for 3 days. Amaranth seeds should be sorted and roasted while soy beans should be roasted at 130 °C, cooled and milled into flour.

In order to make 1 kg of product, mix the following ingredients:

350g of germinated maize flour

250g of amaranth flour

250g of roasted soya bean flour

150g of vegetable oil

Preparation of two serving porridge (2 tumpecos):

1. Heat the oil in the saucepan and cool it for 5 minutes off the fire
2. Measure two *tumpecos* (500mls each) of cold water and pour it into the oil and cook until boiling.
3. Measure 180g of the product. Put it into a clean container or bowl.
4. Measure another quarter *tumpeco* (250mls) of cold water and add it to the mix, and dissolve to make a slurry.
5. Pour the slurry to the boiling water and boil for 15 to 20 minutes while stirring to avoid clumps.
6. Cool and serve when warm

Eastern region

The recipe for Eastern region contains maize, rice, soy, and sugar.

Preparation of ingredients:

In order to make 1 kg of product, mix the following ingredients:

200g of germinated maize flour

250g of rice flour

450g of roasted soya bean flour

150g of sugar

Preparation of two serving porridge (2 tumpecos):

1. Measure two *tumpecos* (500mls each) of cold water, pour into a clean saucepan and cook until boiling.
2. Weigh 180g of the product. Put it into a clean container or bowl.
3. Measure another quarter *tumpeco* (250mls) of cold water, add it to the mix, and dissolve to make a slurry.
4. Pour the slurry into the boiling water and boil for 15 to 20 minutes while stirring to avoid clumps.
5. Cool and serve when warm

Western region

The recipe for Western region contains maize, millet, soy beans and vegetable oil.

Preparation of ingredients:

In order to make 1 kg of product, carefully mix the following ingredients:

500g of germinated maize flour

200g millet flour

200g of roasted soy bean flour

100g of vegetable oil

Preparation of two serving porridge (2 tumpecos):

1. Heat the oil in the saucepan and cool it for 5minutes off the fire.
2. Measure two *tumpecos* (500mls each) of cold water, pour it into the oil, and cook until boiling.
3. Measure 200g of product. Put it into a clean container or bowl.
4. Measure another quarter *tumpeco* (250mls) of cold water, add it to the flour, and dissolve to make a slurry.
5. Pour the slurry to the boiling water and boil for 15 to 20 minutes while stirring to avoid clumps.
6. Cool and serve when warm

Storage of product

In order to avoid long periods of storage, it was recommended that only 1 kg of product was mixed at a time. On average this amount of product will take five days to consume if only two servings of porridge are prepared per day. The product can safely be kept in a clean

covered bowl at room temperature. During this time, avoid water coming into contact with the product. We do not expect any spoilage to occur within five days of storage. For the recipes that contain vegetable oil, once mixed, they should not be kept for more than two weeks and for those that do not contain cooking oil, they should not be kept for more than one month.

Table A1: Nutritional content of home-made nutritious foods in each region

	Eastern	Western	Central	Northern
Energy kcal	761	806.4	801.9	889.4
Water gm	15.1	26.4	27.5	38.6
Protein gm	38.1	17.6	10.4	13.8
Fat gm	17.8	32.2	40.3	43.4
Carbohydrates gm	109.8	102	83.1	88.2
Dietary fibre gm	13.3	18	13	16
Vitamin A µg	189.9	225.8	162.5	50
Vitamin E eq	1.8	15	18.5	3
Vitamin B6 mg	0.72	0.8	0.72	0.6
Total folic acid µg	72.5	64	45.7	79.4
Vitamin C mg	30.8	13.8	15.4	17.2
Sodium mg	8.6	9.8	6.8	21.2
Potassium mg	774.9	735.4	490.6	856
Calcium mg	327.2	161.6	236.9	233.4
Magnesium mg	130.1	214.2	216.7	256.6
Iron mg	8.1	8.2	7.9	7.8
Zinc mg	2.3	4.2	3.2	6.4

Source: Kaaya et al. (2014), Table 15.

Appendix B¹

Video 1: Sarah's story

My name is Sarah Nalwoga. I run my own business. This I have done, and you can do it too. No one cannot do it. With determination, you can do anything that you desire, and enjoy the benefits.

I have been in business for close to two years. Two years at the end of this year. I used to listen to women on the radio who have made it in business. In spite of all sorts of difficulties and conditions identical to my own. About my background: I was staying in Bweyogerere and my husband died from this disease. When he died, I became sick with the disease. I remained with my children. When they started me on treatment, I improved greatly. I realized I could no longer afford Bweyogerere, paying school fees or even buy food and other household items. My businesses are growing passion fruits, a piggery growing oranges and even some crop farming where I grow coco yams on some borrowed land. For fellow women things have changed and everyone must work. Every time you think of looking for hand-outs, you will wait in vain.

For me, when I heard of growing passion fruits on the radio I bought passion fruits I made juice, and took all of the seeds to the seed bed. From the nursery bed I would get my seedlings ready for planting. Yes, I was not familiar with the bed or passion fruit support structure. But I got assistance from someone who had grown passion fruits and I came up with an appropriate structure for my passion fruits. Of course there are difficulties: I have to ensure that I spray the passion fruits and spray the oranges. My pig has to feed well, and get treated whenever sick. I think if I expand my production I can penetrate large markets like Owino, Nakasero. These demand larger quantities like sacks, or 50kgs. Then it is possible to enter Kampala market. Now I am still small, large markets require more quantity of a given product. *When you choose to do something that you like, with your heart and with love nothing can fail you.*

Video 2: Alice's story

My name is Kyakyo Alice. I run my own businesses. I have done this and you too can do it. I am 42 years old and my husband left me with 5 children. When my husband died I went to Virika for HIV testing where I was found positive. I was sent to Buhinga hospital where I started on HIV drugs. I have consistently used them. I am a business woman, I sell clothes in different

¹ The videos are available here: [video 1](#); [video 2](#); [video 3](#); [video 4](#).

markets, I do labour for cash, I grow and sell crops. I keep animals like goats, pigs and cows I can sell these animals for school fees. I also have a retail shop.

The start is always hard. When my husband died, he left me with ailing health. He left me with no money, and I had to find means of survival. I started to prepare pancakes to ensure support for my children. They did not have well off relatives, I had to support them all alone through some baking and labour for cash and now I have taken all my children to school. I have bought land for my children, I have bought goats, cows and pigs for them. I have even built for my children. I decided to work hard to educate my children even when I was not educated myself.

Transportation is one major hindrance to marketing in the area, for instance when I have bananas or beans to sell I have to carry them to the market to get cash. When I started working, life changed for the better. My children are in school, my children can eat, and are not lacking. They have clothes, they are not like orphans, I thank God for this.

I encourage women to take the initiative to work and not just sit and watch. Even if they are widowed like me, they will be able to care for their families and their children.

Video 3: Jovia's story

My name is Jovia Businge, I am 54 years old. What I have done, you too can do it, even better than me. My story started with women's groups, we were taught and encouraged to work hard because being widowed did not mean you were going to die soon after. We were told to be strong and look after our children and not to leave them alone because they would suffer and die. When we moved to this place, my husband died. I tried to do what I could and now I have managed to educate all my children. When my husband died I did not know he was HIV positive, I lived on and our last born is now in senior two. I look after cows, keep pigs, cultivate crops, grow beer bananas and brew local brew to get money. With the money that I got, I started a retail shop at Kicucu and now when I get some money from somewhere else, I add stock into the shop and my children are able to go to school and we also enjoy life. Buyers come to my home for pigs and cows because they know me. I do not have other sources of money. I get it from my projects to survive. I also grow some avocado fruits, I sell sacks at 40,000, 50,000. I also have eucalyptus trees by the seasonal river. For me, I sell piglets for 50,000. If you buy a female pig within a year, you can make a lot of money. Imagine a pig can produce 9-12 piglets and for 50,000 each piglet, how much is that? With that money, could you fail to take your children to school, buy school uniforms?

Fellow women, I call upon you to work hard. I also started from Zero. I worked hard and cultivated. I buy and rear pigs, I look after chickens because from eggs alone you can buy books for your children. So, fellow women, join women's groups!

Video 4: Mugenyi's story

My name is Yayeri Mugenyi, I am 55 years old. I have managed to start and run a farm, pay school fees for my children. I am telling the rest of you, keep working! You will realize that you too can make it. Do not retreat.

Even when I was still sick I kept telling myself that if God helped me and I became better I had to start up something to make sure that I can take care of my family. Whoever came to see me and gave me money to buy milk, I would keep it and look for someone to dig for me. I would plant sweet potatoes and look after my plantation from which I would get food for my family. I take my yellow bananas to the market every Saturday and my customers for matoke, chicken and trees find me at home. For the trees, I go looking for them. Sometimes I split and collect firewood. I always sell the mature pigs and remain with the piglets. The chickens I never sell at once but keep selling some and replacing them. I am a widow. We never had a house. And myself, I never had the strength to get involved in tilling or to plant anything. I was HIV positive and a patient who could die at anytime. With God's plan I started improving greatly. Regaining my strength bit by bit and I started looking out for something I could do in order to look after my family. The start is always hard, but you just have to be patient as it's never easy. Let's say if you get a chance and you get fifty thousand it's not for buying meat and clothes or meat only. For us, we deal so much in farming, you get laborers, pay them off. They plant for you some sweet potatoes and when they mature you can take them to the market and sell them. You could get a hundred thousand. After investing the fifty thousand, this would give you something else to do. And that's how I started, working with my children. My advice to the people listening to me is that being HIV positive is not the end of the world. If you find yourself positive you can still live long into the future. My humble request to you is to take care of yourself, don't spread HIV to other people, remain with one strain of HIV and get medication. Doctors are available to help you.

Appendix C

Table C1: Pattern of attrition and baseline characteristics

	(1) Nutrition vs. Control		(2) Cookery vs. Control		(3) Role Models vs. Control	
	<i>Dependent variable: Drop Out</i>					
Nutrition	0.019 (0.815)	0.159 (0.218)				
Cookery			-0.024 (0.730)	-0.110 (0.260)		
Videos					0.057 (0.486)	0.299* (0.070)
Age	-0.004** (0.049)	-0.002 (0.534)	-0.002 (0.263)	-0.002 (0.534)	-0.003* (0.089)	-0.002 (0.516)
Number adults	-0.007 (0.538)	-0.014 (0.343)	-0.004 (0.712)	-0.014 (0.343)	-0.008 (0.467)	-0.013 (0.406)
Number children	-0.021*** (0.006)	-0.011 (0.332)	-0.018** (0.014)	-0.011 (0.333)	-0.013* (0.092)	-0.014 (0.237)
Years on ARV	-0.008** (0.043)	-0.006 (0.474)	-0.008* (0.060)	-0.006 (0.474)	-0.010** (0.023)	-0.005 (0.600)
Years diagnosed HIV	-0.008 (0.105)	-0.006 (0.331)	-0.002 (0.709)	-0.006 (0.331)	-0.004 (0.512)	-0.006 (0.273)
No education	0.038 (0.135)	0.069* (0.074)	0.044 (0.189)	0.069* (0.075)	0.019 (0.524)	0.053 (0.102)
Calories	0.003 (0.110)	0.003 (0.355)	0.002 (0.155)	0.003 (0.355)		
Protein	-0.014* (0.074)	-0.012 (0.244)	-0.009 (0.146)	-0.012 (0.244)		
Fat	-0.024 (0.111)	-0.021 (0.380)	-0.017 (0.159)	-0.021 (0.380)		
Carbohydrates	-0.012 (0.113)	-0.010 (0.352)	-0.008 (0.167)	-0.010 (0.352)		
Fibre	0.002 (0.519)	0.004 (0.568)	0.004 (0.211)	0.004 (0.568)		
Minerals	0.000* (0.058)	0.000 (0.787)	0.000 (0.652)	0.000 (0.787)		
Vitamins	0.002 (0.179)	0.001 (0.452)	-0.001 (0.573)	0.001 (0.453)		
Zinc	0.010 (0.230)	0.004 (0.771)	-0.001 (0.889)	0.004 (0.771)		
Vitamin A	-0.050* (0.089)	-0.032 (0.544)	0.004 (0.888)	-0.032 (0.544)		
Vitamin B6	-0.072 (0.251)	-0.053 (0.605)	-0.068 (0.307)	-0.053 (0.605)		
Vitamin C	-0.002 (0.222)	-0.001 (0.515)	0.001 (0.418)	-0.001 (0.516)		
Illness	0.033 (0.144)	0.028 (0.385)	-0.013 (0.585)	0.028 (0.385)		
Total personal income	0.003 (0.441)	-0.002 (0.784)	0.000 (0.943)	-0.002 (0.784)		0.003 (0.691)
Crop income	0.001 (0.732)	0.002 (0.508)	-0.000 (0.996)	0.002 (0.508)		0.009** (0.018)

Livestock income	-0.002 (0.473)	-0.003 (0.581)	0.001 (0.881)	-0.003 (0.581)	0.001 (0.861)
Non-agricultural income	-0.005* (0.054)	-0.003 (0.465)	-0.000 (0.972)	-0.003 (0.465)	0.005 (0.337)
Wage income	-0.010** (0.011)	-0.012** (0.030)	-0.005 (0.193)	-0.012** (0.030)	-0.016*** (0.010)
Self employed					-0.089 (0.227)
Proportion of income from enterprises					-0.113 (0.115)
Time spent on enterprise activities					0.003 (0.845)
Age x T		-0.003 (0.314)		-0.000 (0.986)	-0.003 (0.381)
Number adults x T		0.011 (0.594)		0.023 (0.307)	0.006 (0.788)
Number children x T		-0.017 (0.203)		-0.014 (0.318)	0.000 (0.983)
Years on ARV x T		-0.004 (0.691)		0.007 (0.540)	-0.001 (0.946)
Years diagnosed HIV x T		-0.005 (0.497)		-0.005 (0.555)	-0.006 (0.457)
No education x T		-0.068 (0.162)		-0.064 (0.300)	-0.077 (0.160)
Calories x T		0.001 (0.735)		-0.001 (0.644)	
Protein x T		-0.006 (0.678)		0.010 (0.405)	
Fat x T		-0.011 (0.702)		0.010 (0.707)	
Carbohydrates x T		-0.005 (0.731)		0.006 (0.608)	
Fibre x T		-0.002 (0.768)		0.001 (0.856)	
Minerals x T		0.000* (0.086)		0.000 (0.798)	
Vitamins x T		0.002 (0.447)		-0.004* (0.072)	
Zinc x T		0.014 (0.369)		-0.013 (0.424)	
Vitamin A x T		-0.040 (0.537)		0.063 (0.302)	
Vitamin B6 x T		-0.027 (0.829)		-0.051 (0.706)	
Vitamin C x T		-0.003 (0.416)		0.005* (0.065)	
Illness x T		0.008 (0.852)		-0.087* (0.094)	
Total personal income x T		0.010 (0.231)		0.002 (0.792)	-0.018** (0.042)
Crop income x T		-0.003 (0.548)		-0.006 (0.409)	-0.005 (0.515)
Livestock income x T		-0.000 (0.964)		0.007 (0.410)	-0.001 (0.856)

Non-agricultural income x T		-0.005		0.006		-0.005
		(0.318)		(0.358)		(0.451)
Wage income x T		0.004		0.015**		0.018**
		(0.556)		(0.025)		(0.012)
Self employed x T						-0.083
						(0.345)
Proportion of income from enterprises x T						0.084
						(0.387)
Time spent on enterprise activities x T						0.034*
						(0.091)
Constant		0.578***		0.578***		0.618***
		(0.000)		(0.000)		(0.000)
F-test		2.20		0.41		0.26
P-value		(0.290)		(0.530)		(0.616)
Observations	2,115	2,115	2,048	2,048	2,066	2,066
R-squared	0.056	0.067	0.026	0.041	0.040	0.053

T refers to the relevant treatment. F-test refers to the test of the joint statistical significance of the interaction terms. P-values based on robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1

Table C2: Description of outcome variables

<i>Variable</i>	<i>Description</i>
Access to information	Do you have access to information about nutrition?
Number of meals	How many full meals per day do you eat?
Number of snacks	How many times a day do you snack?
Litres of water	How many litres of water do you drink per day?
Treated water	Is the water that you drink bottled/cool boiled/treated?
Used the recipe	Have you tried the recipe at home?
Calories	Total calories consumed / consumed from recipe ingredients
Protein	Total protein consumed / consumed from recipe ingredients
Fat	Total fat consumed / consumed from recipe ingredients
Carbohydrates	Total carbohydrates consumed / consumed from recipe ingredients
Fibre	Total fibre consumed / consumed from recipe ingredients
Minerals	Total minerals consumed / consumed from recipe ingredients
Vitamins	Total vitamins consumed / consumed from recipe ingredients
Zinc	Total zinc consumed / consumed from recipe ingredients
Vitamin A	Total vitamin A consumed / consumed from recipe ingredients
Vitamin B6	Total vitamin B6 consumed / consumed from recipe ingredients
Vitamin C	Total vitamin C consumed / consumed from recipe ingredients
Self employed	Are you involved in any self-employment/business activities?
Proportion of income from enterprises	Proportion of total income earned from self-employment activities
Time spent on enterprise activities	Days worked in self-employment activities in an average week
Illness	Have you suffered from an illness or injury in the past 30 days that prevented you from going about your daily activities?
Total personal income	Total income earned by respondent from all activities
Crop income	Income earned by respondent from crops
Livestock income	Income earned by respondent from livestock
Non-agricultural income	Income earned by respondent from non-agricultural enterprises
Wage income	Income earned by respondent from working for a wage
Total days worked	Total days worked in an average week
Days self-employed work	Days worked in self-employment activities in an average week
Days working for a wage	Days worked for a wage in an average week
Days working on the land	Days worked on the land in an average week
Productivity	Total income earned divided by total days worked in an average week
Ambition	Respondent strongly agrees with the statement 'If I try hard, I can improve my situation in life'
Makes decisions alone	Respondent reports that they alone are responsible for decisions relating to income in the household
Poultry units	Units of poultry owned
Cows units	Units of cows owned
Goats units	Units of goats owned
Pigs units	Units of pigs owned
Retail	Respondent owns a retail outlet

Table C3: List of foods included in the food frequency questionnaire and nutritional content

	Portion Size	Calories	Protein	Fat	Carbs	Fibre	Minerals	Vitamins	Zinc	Vit A	Vit B6	Vit C
Matooke or cassava or yam	179	113.80	0.94	1.88	24.68	2.06	7.58	9.94	159.33	10.92	147.24	8841.72
Maize, millet, sorghum or other cereal (incl. ugali)	165	494.99	12.86	6.25	100.96	8.85	16.79	6.12	2950.38	6.46	748.50	0.00
White-fleshed sweet potato	327	259.71	4.90	0.20	60.86	8.82	94.23	8.24	882.05	0.00	465.52	5929.30
Yellow-fleshed sweet potato	327	248.82	4.67	0.19	58.50	7.90	87.26	19.85	790.50	369.28	542.43	5232.35
Orange-fleshed sweet potato	327	260.68	4.89	0.19	61.22	8.47	93.97	42.40	846.96	1037.53	466.30	5834.63
Wheat product: chapatti, bread, biscuits, cookies, bread, spaghetti (macaroni), etc.	75	186.99	4.63	2.00	38.33	3.01	13.63	1.96	846.24	2.13	200.47	12.54
Rice	200	458.49	8.88	2.01	98.80	2.32	28.25	4.03	2006.88	0.00	386.71	0.00
Sesame seeds or Pumpkin seeds	25	160.96	6.72	13.88	5.29	2.73	151.58	1.93	2158.14	0.07	130.06	262.24
Beans (all kinds) and other pulses	100	325.89	14.02	11.20	43.86	12.76	91.81	7.81	1800.78	19.88	223.35	5064.70
Groundnut or cashew nut	50	338.47	12.15	28.01	15.24	3.35	38.22	4.63	2803.50	0.00	161.28	0.00
Beef or any other meats (pork, goat, sheep etc)	120	235.61	24.62	14.46	-	-	20.38	5.52	4359.92	0.38	300.20	56.50
Chicken	120	208.44	22.21	12.65	-	-	14.17	5.78	1528.54	29.18	341.84	0.00
Fresh fish (e.g Tilapia, Nile perch etc)	120	85.62	17.12	1.59	-	-	38.93	3.09	648.76	10.42	91.65	603.08
Dried fish (e.g Tilapia, Nile perch etc)	120	122.08	24.74	2.23	-	-	55.70	4.26	953.75	17.99	122.90	545.00
Mukene, Nkejje	120	227.61	27.67	12.25	-	-	74.50	6.72	1269.60	33.49	400.38	772.80
Any kind of liver	70	120.88	16.18	4.93	1.93	-	14.02	39.99	3244.18	4186.20	520.45	5452.99
Cows milk/goats milk/powdered/condensed or yoghurt	100	160.23	8.46	8.83	12.07	-	309.94	3.55	1087.50	85.37	90.99	2229.38
Eggs with yolk	60	101.94	7.53	7.42	0.92	-	36.58	1.11	647.51	106.16	87.34	0.00
Sweet potato leaves	50	15.51	1.50	0.13	3.00	0.83	14.87	4.58	132.00	21.45	77.72	3085.50
Amaranth leaves	50	21.60	2.30	0.28	3.86	-	207.28	41.14	880.00	131.60	173.80	35800.00
Nakati (Boo in case of Luo communities)	80	25.38	1.93	0.26	5.04	2.18	90.89	14.45	190.64	84.41	88.66	11031.89
Malakwang	100	-	4.68	-	-	2.85	-	8.33	0.00	0.00	0.00	8330.00
Other Dark green leaves (of any kind)	60	18.75	1.92	0.23	3.17	1.05	113.31	18.75	225.00	110.25	115.80	14385.00
Whole chilies (hot peppers)	45	18.00	0.87	0.14	4.11	0.68	7.83	88.46	126.00	24.08	176.40	86895.00
Soya beans or soya products	100	363.05	16.59	28.66	15.40	5.38	92.22	6.40	1843.45	1.64	171.26	4090.50

Oranges, lemons, limes (citrus fruits)	30	12.57	0.27	0.07	3.49	0.70	9.87	13.24	29.61	6.19	19.94	12923.12
Carrots	60	23.10	0.52	0.12	5.41	1.82	19.46	21.58	121.60	512.85	88.46	2888.00
Pumpkin	60	30.45	1.16	0.14	7.60	1.40	25.45	24.34	350.00	400.05	67.20	8785.00
Avocado	60	178.40	2.23	16.39	9.48	7.81	14.72	13.98	669.00	7.81	286.56	11150.00
Ripe Mango	80	53.04	0.41	0.24	13.87	1.63	8.24	24.34	0.00	31.01	109.34	22603.20
Ripe papaya	150	107.64	1.66	0.28	27.05	5.52	66.79	177.85	276.00	151.80	52.44	170568.00
Butter, ghee	15	107.53	0.08	12.19	0.00	-	1.90	0.61	6.08	102.87	0.27	0.00
Cod Liver Oil	15	122.67	-	13.60	-	-	-	21.76	0.00	4080.00	0.00	0.00
Fortified cooking oil	15	183.87	-	20.80	-	-	-	1.72	0.00	400.40	0.00	0.00
Vitamin A fortified margarine	10	56.20	0.01	2.12	0.04	-	0.16	0.00	2.00	0.00	0.03	0.00
Packaged fortified foods	60	83.50	2.18	1.59	15.19	1.00	12.91	2.07	200.40	6.68	64.13	0.00

Sources: Hotz et al. (2012), USDA Food Composition Database (<https://fdc.nal.usda.gov/> accessed October 16, 2020), and Hotz and Abdelrahman (2019).

Table C4: Nearest neighbor matching for nutrition and cookery treatment outcomes

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Access to information	Number of meals	Number of snacks	Litres of water	Treated water	Used the recipe	Calories (Total)	Protein (Total)	Fat (Total)	Carbs (Total)
Nutrition	0.041*	0.134***	0.444***	0.203**	0.094***		72.035*	7.719***	4.201**	-0.687
P-value robust	(0.092)	(0.000)	(0.000)	(0.036)	(0.000)		(0.097)	(0.000)	(0.035)	(0.903)
Observations	1,265	1,267	1,268	1,271	1,250		1,306	1,306	1,306	1,306
Cookery	0.162***	0.106***	0.688***	-0.046	-0.013	0.465***	135.947***	8.616***	5.231***	16.934***
P-value robust	(0.000)	(0.002)	(0.000)	(0.589)	(0.590)	(0.000)	(0.001)	(0.000)	(0.006)	(0.002)
Observations	1,208	1,208	1,209	1,211	1,192	1,313	1,284	1,284	1,284	1,284
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	Fibre (Total)	Minerals (Total)	Vitamins (Total)	Zinc (Total)	Vit A (Total)	Vit B6 (Total)	Vit C (Total)	Calories (Recipes)	Protein (Recipes)	Fat (Recipes)
Nutrition	-0.776	19.964	21.806***	0.710**	0.038	0.016	20.191***	9.255	0.537	1.301
P-value robust	(0.271)	(0.239)	(0.001)	(0.014)	(0.504)	(0.734)	(0.000)	(0.688)	(0.418)	(0.221)
Observations	1,306	1,306	1,306	1,306	1,306	1,306	1,306	1,306	1,306	1,306
Cookery	2.238***	32.015**	15.354**	1.180***	-0.058	0.129***	13.607**	80.081***	2.394***	2.996***
P-value robust	(0.001)	(0.044)	(0.014)	(0.000)	(0.148)	(0.003)	(0.016)	(0.000)	(0.000)	(0.001)
Observations	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284
	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
	Carbs (Recipes)	Fibre (Total)	Minerals (Total)	Vitamins (Total)	Zinc (Total)	Vit A (Total)	Vit B6 (Total)	Vit C (Total)	Health	Total Income
Nutrition	-0.935	-0.177	1.232	0.228	0.017	-0.000*	-0.017	0.112	-0.059*	-0.440***
P-value robust	(0.810)	(0.498)	(0.739)	(0.405)	(0.903)	(0.081)	(0.418)	(0.131)	(0.074)	(0.001)
Observations	1,306	1,306	1,306	1,306	1,306	1,306	1,306	1,306	1,273	1,273
Cookery	11.607***	0.654***	9.126***	0.930***	0.518***	0.000	0.052**	0.033	-0.184***	0.601***
P-value robust	(0.003)	(0.004)	(0.007)	(0.000)	(0.000)	(0.282)	(0.010)	(0.640)	(0.000)	(0.000)
Observations	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,284	1,211	1,211
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
	Income from crops	Income from livestock	Income from non-ag enterprises	Income from wages	Total days worked	Days self-employed work	Days working for a wage	Days working on the land	Log productivity	Ambition
Nutrition	0.174	0.526***	0.297	-1.034***	0.475***	0.088	-0.232**	0.479***	-0.264	-0.027
P-value robust	(0.557)	(0.001)	(0.202)	(0.001)	(0.009)	(0.552)	(0.042)	(0.000)	(0.238)	(0.240)
Observations	1,273	1,273	1,273	1,273	1,306	1,306	1,306	1,306	1,306	1,214
Cookery	0.156	0.253	1.387***	-0.320	0.385**	0.769***	-0.023	-0.460***	1.533***	0.176***
P-value robust	(0.633)	(0.131)	(0.000)	(0.315)	(0.048)	(0.000)	(0.842)	(0.001)	(0.000)	(0.000)
Observations	1,211	1,211	1,211	1,211	1,284	1,284	1,284	1,284	1,284	1,273

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.

Table C5: Nearest neighbor matching for role models treatment outcomes

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Operates and enterprise/ self- employed	Proportion of income generated from own enterprises	Time spent working in own enterprises	Total Income	Income from crops	Income from livestock	Income from non-ag enterprises	Income from wages	Ambition	Makes decisions alone
Role models	0.124***	0.137***	0.479***	0.111	1.113***	1.083***	0.813**	-1.313***	0.089**	0.005
P-value robust	(0.000)	(0.000)	(0.003)	(0.286)	(0.001)	(0.000)	(0.012)	(0.000)	(0.011)	(0.906)
Observations	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,108	563
	(11)	(12)	(13)	(14)	(15)					
	Poultry	Cows	Goats	Pigs	Retail					
Role models	1.176***	0.138**	0.396***	0.346***	0.053**					
P-value robust	(0.009)	(0.032)	(0.003)	(0.000)	(0.049)					
Observations	1,118	1,118	1,118	1,118	1,118					

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.

Table C6: Results for intermediate specifications for the nutrition and cookery treatments

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	Access to information	Number of meals	Number of snacks	Litres of water	Treated water	Calories (Total)	Calories (Total)	Protein (Total)	Protein (Total)	Fat (Total)	Fat (Total)	
Nutrition	0.068	0.161	0.450	0.224	0.095	90.872	123.194	9.735	10.113	3.974	5.346	
P-value robust	(0.074)*	(0.086)*	(0.071)*	(0.209)	(0.053)*	(0.354)	(0.101)	(0.080)*	(0.027)**	(0.365)	(0.174)	
P-value RI	{0.027}**	{0.021}**	{0.048}**	{0.084}*	{0.119}	{0.345}	{0.134}	{0.024}**	{0.009}***	{0.411}	{0.219}	
P-value MHT	<0.264>	<0.264>	<0.264>	<0.323>	<0.251>	<0.549>	<0.270>	<0.360>	<0.223>	<0.559>	<0.323>	
Cookery	0.180	0.142	0.695	-0.058	-0.029	160.138	149.574	8.921	8.724	5.306	4.808	
P-value robust	(0.000)***	(0.120)	(0.003)***	(0.689)	(0.742)	(0.166)	(0.104)	(0.144)	(0.089)*	(0.320)	(0.309)	
P-value RI	{0.001}***	{0.038}**	{0.004}***	{0.667}	{0.625}	{0.088}*	{0.065}*	{0.040}**	{0.017}**	{0.246}	{0.260}	
P-value MHT	<0.001>	<0.276>	<0.044>	<0.554>	<0.565>	<0.460>	<0.270>	<0.460>	<0.264>	<0.501>	<0.352>	
Baseline outcome	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	
Observations	1,894	1,893	1,897	1,900	1,872	1,934	1,934	1,934	1,934	1,934	1,934	
R-squared	0.054	0.099	0.063	0.063	0.122	0.009	0.137	0.016	0.139	0.005	0.094	
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
	Carbs (Total)	Carbs (Total)	Fibre (Total)	Fibre (Total)	Minerals (Total)	Minerals (Total)	Vitamins (Total)	Vitamins (Total)	Zinc (Total)	Zinc (Total)	Vit A (Total)	Vit A (Total)
Nutrition	3.894	7.761	0.050	0.532	28.141	31.695	22.785	23.347	0.831	1.042	0.038	0.041
P-value robust	(0.783)	(0.486)	(0.976)	(0.723)	(0.395)	(0.263)	(0.021)**	(0.025)**	(0.261)	(0.087)*	(0.569)	(0.545)
P-value RI	{0.774}	{0.420}	{0.972}	{0.699}	{0.392}	{0.294}	{0.035}**	{0.028}**	{0.200}	{0.078}*	{0.592}	{0.554}
P-value MHT	<0.799>	<0.503>	<0.916>	<0.565>	<0.580>	<0.331>	<0.182>	<0.223>	<0.485>	<0.264>	<0.734>	<0.526>
Cookery	19.583	18.698	1.980	2.026	34.941	32.581	14.844	16.117	1.249	1.220	-0.083	-0.088
P-value robust	(0.284)	(0.191)	(0.377)	(0.330)	(0.305)	(0.265)	(0.171)	(0.128)	(0.092)*	(0.047)**	(0.289)	(0.263)
P-value RI	{0.118}	{0.063}*	{0.155}	{0.116}	{0.286}	{0.265}	{0.148}	{0.110}	{0.049}**	{0.034}**	{0.233}	{0.212}
P-value MHT	<0.501>	<0.323>	<0.569>	<0.361>	<0.501>	<0.331>	<0.460>	<0.290>	<0.362>	<0.251>	<0.501>	<0.331>
Baseline outcome	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Observations	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934
R-squared	0.009	0.109	0.007	0.072	0.003	0.060	0.010	0.033	0.012	0.123	0.005	0.010

Table C6 (continued): Results for intermediate specifications for the nutrition and cookery treatments

	(24) Vit B6 (Total)	(25) Vit B6 (Total)	(26) Vit C (Total)	(27) Vit C (Total)	(28) Calories (Recipe)	(29) Calories (Recipe)	(30) Protein (Recipe)	(31) Protein (Recipe)	(32) Fat (Recipe)	(33) Fat (Recipe)	(34) Carbs (Recipe)	(35) Carbs (Recipe)
Nutrition	0.037	0.065	21.545	21.489	1.460	19.502	0.074	0.644	0.052	0.930	0.070	1.464
P-value robust	(0.744)	(0.428)	(0.028)**	(0.037)**	(0.979)	(0.672)	(0.961)	(0.620)	(0.981)	(0.636)	(0.994)	(0.848)
P-value RI	{0.687}	{0.697}	{0.029}**	{0.031}**	{0.977}	{0.591}	{0.952}	{0.561}	{0.979}	{0.618}	{0.988}	{0.584}
P-value MHT	<0.799>	<0.460>	<0.206>	<0.240>	<0.916>	<0.554>	<0.916>	<0.551>	<0.916>	<0.551>	<0.918>	<0.606>
Cookery	0.154	0.137	13.081	14.271	82.100	76.039	2.233	2.115	2.643	2.732	12.819	11.317
P-value robust	(0.171)	(0.133)	(0.204)	(0.161)	(0.098)*	(0.073)*	(0.112)	(0.093)*	(0.229)	(0.202)	(0.105)	(0.082)*
P-value RI	{0.090}*	{0.074}*	{0.158}	{0.116}	{0.067}*	{0.046}**	{0.099}*	{0.077}*	{0.180}	{0.147}	{0.061}*	{0.061}*
P-value MHT	<0.460>	<0.294>	<0.463>	<0.323>	<0.366>	<0.264>	<0.389>	<0.264>	<0.463>	<0.323>	<0.378>	<0.264>
Baseline outcome	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Observations	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934
R-squared	0.008	0.122	0.010	0.030	0.011	0.082	0.010	0.075	0.006	0.047	0.010	0.067
	(36) Fibre (Recipe)	(37) Fibre (Recipe)	(38) Minerals (Recipe)	(39) Minerals (Recipe)	(40) Vitamins (Recipe)	(41) Vitamins (Recipe)	(42) Zinc (Recipe)	(43) Zinc (Recipe)	(44) Vit A (Recipe)	(45) Vit A (Recipe)	(46) Vit B6 (Recipe)	(47) Vit B6 (Recipe)
Nutrition	-0.070	0.028	-0.394	0.899	0.032	0.248	-0.042	0.070	-0.000	-0.000	-0.006	-0.000
P-value robust	(0.903)	(0.954)	(0.970)	(0.932)	(0.960)	(0.645)	(0.899)	(0.806)	(0.761)	(0.648)	(0.897)	(0.998)
P-value RI	{0.886}	{0.943}	{0.960}	{0.890}	{0.943}	{0.583}	{0.891}	{0.771}	{0.746}	{0.606}	{0.875}	{0.997}
P-value MHT	<0.908>	<0.687>	<0.916>	<0.675>	<0.916>	<0.551>	<0.908>	<0.598>	<0.799>	<0.551>	<0.908>	<0.724>
Cookery	0.844	0.733	9.491	9.745	0.926	0.857	0.512	0.481	0.000	0.000	0.074	0.844
P-value robust	(0.075)*	(0.073)*	(0.383)	(0.376)	(0.119)	(0.103)	(0.063)*	(0.054)*	(0.193)	(0.249)	(0.056)*	(0.075)*
P-value RI	{0.100}*	{0.099}*	{0.168}	{0.137}	{0.095}*	{0.078}*	{0.062}*	{0.046}**	{0.245}	{0.307}	{0.065}*	{0.064}*
P-value MHT	<0.360>	<0.264>	<0.569>	<0.393>	<0.389>	<0.270>	<0.360>	<0.251>	<0.460>	<0.331>	<0.360>	<0.251>
Baseline outcome	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Observations	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934
R-squared	0.011	0.061	0.006	0.018	0.010	0.077	0.013	0.075	0.005	0.031	0.012	0.011

Table C6 (continued): Results for intermediate specifications for the nutrition and cookery treatments

	(48) Vit C (Recipe)	(48) Vit C (Recipe)	(49) Health	(50) Health	(51) Total Income	(52) Total Income	(53) Income from crops	(54) Income from crops	(55) Income from livestock	(56) Income from livestock	(57) Income from non-ag enterprises	(58) Income from non-ag enterprises	
Nutrition	0.099	0.110	-0.100	-0.098	-0.474	-0.469	0.187	0.089	0.456	0.457	0.417	0.356	
P-value robust	(0.559)	(0.496)	(0.005)***	(0.006)***	(0.035)**	(0.029)**	(0.824)	(0.897)	(0.091)*	(0.082)*	(0.230)	(0.192)	
P-value RI	{0.480}	{0.419}	{0.026}**	{0.030}**	{0.018}**	{0.018}**	{0.835}	{0.915}	{0.044}**	{0.045}**	{0.279}	{0.250}	
P-value MHT	<0.734>	<0.503>	<0.061>*	<0.063>*	<0.234>	<0.223>	<0.849>	<0.467>	<0.362>	<0.264>	<0.463>	<0.323>	
Cookery	0.027	0.033	-0.181	-0.178	0.562	0.602	-0.302	-0.179	0.324	0.341	1.238	1.180	
P-value robust	(0.844)	(0.801)	(0.001)***	(0.001)***	(0.000)***	(0.000)***	(0.764)	(0.838)	(0.118)	(0.091)*	(0.010)***	(0.003)***	
P-value RI	{0.851}	{0.809}	{0.001}***	{0.001}***	{0.003}***	{0.002}***	{0.716}	{0.808}	{0.144}	{0.123}	{0.006}***	{0.001}***	
P-value MHT	<0.865>	<0.598>	<0.014>**	<0.019>**	<0.002>***	<0.001>***	<0.799>	<0.606>	<0.389>	<0.264>	<0.097>*	<0.044>**	
Baseline outcome	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	
Observations	1,934	1,934	1,898	1,891	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904	
R-squared	0.001	0.011	0.024	0.031	0.052	0.104	0.002	0.058	0.006	0.016	0.015	0.074	
	(59) Income from wages	(60) Income from wages	(61) Total days worked	(62) Total days worked	(63) Days self- employed work	(64) Days self- employed work	(65) Days working for a wage	(66) Days working for a wage	(67) Days working land	(68) Days working land	(69) Log Product.	(70) Log Product.	(71) Ambition
Nutrition	-1.333	-0.915	0.517	0.460	0.184	0.181	-0.256	-0.246	0.589	0.495	-0.211	-0.187	-0.045
P-value robust	(0.152)	(0.113)	(0.027)**	(0.020)**	(0.625)	(0.523)	(0.277)	(0.112)	(0.164)	(0.049)**	(0.565)	(0.593)	(0.318)
P-value RI	{0.008}***	{0.013}**	{0.043}**	{0.026}**	{0.582}	{0.458}	{0.294}	{0.123}	{0.123}	{0.043}**	{0.496}	{0.547}	{0.401}
P-value MHT	<0.460>	<0.276>	<0.206>	<0.208>	<0.771>	<0.507>	<0.501>	<0.276>	<0.460>	<0.251>	<0.734>	<0.535>	<0.501>
Cookery	-0.382	-0.246	0.417	0.331	0.743	0.682	0.160	0.040	-0.486	-0.427	1.540	1.590	0.182
P-value robust	(0.714)	(0.697)	(0.218)	(0.282)	(0.082)*	(0.034)**	(0.573)	(0.824)	(0.347)	(0.176)	(0.000)***	(0.000)***	(0.013)**
P-value RI	{0.443}	{0.472}	{0.082}*	{0.103}	{0.035}**	{0.011}**	{0.544}	{0.808}	{0.206}	{0.079}*	{0.000}***	{0.000}***	{0.003}***
P-value MHT	<0.799>	<0.554>	<0.463>	<0.339>	<0.360>	<0.240>	<0.734>	<0.605>	<0.549>	<0.323>	<0.002>***	<0.001>***	<0.122>
Baseline outcome	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Observations	1,904	1,904	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,869	1,797	1,904
R-squared	0.012	0.194	0.005	0.083	0.014	0.191	0.007	0.170	0.035	0.222	0.067	0.077	0.059

P-values for robust standard errors clustered at the clinic level presented in parenthesis. Randomization inference p-values (generated using the STATA command developed by Heß (2017)) are presented in braces (Young, 2017). Anderson's (2008) sharpened False Discovery Rate q-values are presented in angle brackets. Stars are presented for each p-value. *** p<0.01, ** p<0.05, *p<0.1.

Table C7: Nutritional intake from foods contained in the recipes at mid-line

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	Calories	Protein	Fat	Carbs	Fibre	Minerals	Vitamins	Zinc	Vit A	Vit B6	Vit C
Nutrition	18.799	0.635	0.940	1.329	0.008	0.321	0.246	0.059	-0.000	-0.002	0.117
P-value robust	(0.647)	(0.606)	(0.624)	(0.835)	(0.986)	(0.955)	(0.625)	(0.819)	(0.572)	(0.963)	(0.382)
P-value RI	{0.602}	{0.576}	{0.623}	{0.816}	{0.981}	{0.958}	{0.597}	{0.820}	{0.546}	{0.949}	{0.386}
P-value MHT	<0.382>	<0.373>	<0.374>	<0.468>	<0.528>	<0.528>	<0.374>	<0.468>	<0.372>	<0.528>	<0.282>
Cookery	78.311	2.230	3.054	11.123	0.736	10.081	0.897	0.495	0.000	0.062	0.056
P-value robust	(0.021)**	(0.041)**	(0.115)	(0.027)**	(0.074)*	(0.033)**	(0.040)**	(0.028)**	(0.381)	(0.040)**	(0.676)
P-value RI	{0.045}**	{0.070}*	{0.104}	{0.072}*	{0.102}	{0.074}*	{0.072}*	{0.044}**	{0.401}	{0.078}*	{0.667}
P-value MHT	<0.092>*	<0.098>*	<0.134>	<0.092>*	<0.109>	<0.098>*	<0.098>*	<0.092>*	<0.282>	<0.098>*	<0.382>
Baseline outcome	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Region dummies	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934
R-squared	0.098	0.086	0.058	0.084	0.070	0.107	0.091	0.089	0.040	0.078	0.021
Baseline Mean Control	2,139	83.24	79.94	287.99	40.44	659.53	165.46	12.86	0.86	2.47	120.13
End-line Mean Control	2,150	86.53	81.30	283.54	38.09	688.37	156.97	13.05	0.78	2.54	115.49

Note 1: P-values for robust standard errors clustered at the clinic level presented in parenthesis. Randomization inference p-values (generated using the STATA command developed by Heß (2017)) are presented in braces (Young, 2017). Anderson's (2008) sharpened False Discovery Rate q-values are presented in angle brackets. Stars are presented for each p-value. *** p<0.01, ** p<0.05, *p<0.1.

Note 2: The ex-post Minimum Detectable Effect with 80% power and a 5% significance level based on the actual sample at mid-line for calories is 60.05, for protein is 1.72, for fat is 2.68, for carbs is 10.39, for fibre is 0.67, for minerals is 9.41, for vitamins is 0.71, for zinc is 0.36, for vit A is 0.001, for vit B6 is 0.06 and for vit C is 0.19. Results for intermediate specifications are presented in Table C6 of the Online Appendix.

Table C8: Results for intermediate specifications for the role models treatments

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Operates an enterprise	Proportion income generated from own enterprises	Time spent working in own enterprises	Total Income	Total Income	Income from crops	Income from crops	Income from livestock	Income from livestock	Income from non-ag	Income from non-ag	Income from wages	Income from wages
Role models	0.138	0.106	0.543	0.039	0.071	0.639	0.717	0.986	0.965	1.124	0.944	-1.025	-1.041
P-value robust	(0.057)*	(0.017)**	(0.062)*	(0.758)	(0.591)	(0.490)	(0.377)	(0.007)***	(0.003)***	(0.136)	(0.092)*	(0.250)	(0.073)*
P-value RI	{0.030}**	{0.027}**	{0.037}**	{0.723}	{0.548}	{0.545}	{0.480}	{0.016}**	{0.013}**	{0.124}	{0.085}*	{0.110}	{0.049}**
P-value MHT	<0.088>*	<0.070>*	<0.088>*	<0.436>>	<0.268>	<0.344>	<0.187>	<0.115>	<0.043>**	<0.159>	<0.102>	<0.214>	<0.090>*
Baseline outcome	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Observations	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118
R-squared	0.191	0.123	0.184	0.000	0.025	0.004	0.050	0.016	0.036	0.012	0.130	0.009	0.171
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
	Ambition	Makes decisions alone	Makes decisions alone	Poultry	Poultry	Cows	Cows	Goats	Goats	Pigs	Pigs	Retail	Retail
Role models	0.104	0.034	0.032	1.740	1.560	0.317	0.223	0.548	0.442	0.374	0.310	0.068	0.063
P-value robust	(0.035)**	(0.385)	(0.423)	(0.036)**	(0.023)**	(0.249)	(0.214)	(0.054)*	(0.027)**	(0.022)**	(0.006)***	(0.264)	(0.257)
P-value RI	{0.068}*	{0.418}	{0.450}	{0.005}***	{0.005}***	{0.051}**	{0.065}*	0.014**	{0.014}**	{0.023}**	{0.013}**	{0.205}	{0.180}
P-value MHT	<0.122>	<0.311>	<0.195>	<0.122>	<0.070>*	<0.214>	<0.148>	<0.122>	<0.070>*	<0.122>	<0.043>**	<0.214>	<0.163>
Baseline outcome	No	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Observations	1,108	563	563	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118
R-squared	0.011	0.002	0.002	0.016	0.188	0.018	0.263	0.019	0.133	0.032	0.167	0.007	0.051

P-values for robust standard errors clustered at the clinic level presented in parenthesis. Randomization inference p-values (generated using the STATA command developed by Heß (2017)) are presented in braces (Young, 2017). Anderson's (2008) sharpened False Discovery Rate q-values are presented in angle brackets. Stars are presented for each p-value. *** p<0.01, ** p<0.05, *p<0.1.

Table C9: Nutrition mechanisms - networks

	(7) Number of contacts (mid-line)
Nutrition	-0.474
P-value robust	(0.590)
P-value RI	{0.534}
P-value MHT	<0.372>
Cookery	-1.262
P-value robust	(0.103)
P-value RI	{0.412}
P-value MHT	<0.124>
Baseline outcome	No
Baseline covariates	Yes
Region dummies	Yes
Observations	1,910
R-squared	0.031
Baseline Mean Control	-
End-line Mean Control	7.93

Note 1: P-values for robust standard errors clustered at the clinic level presented in parenthesis. Randomization inference p-values (generated using the STATA command developed by Heß (2017)) are presented in braces (Young, 2017). Anderson's (2008) sharpened False Discovery Rate q-values are presented in angle brackets. Stars are presented for each p-value. *** p<0.01, ** p<0.05, *p<0.1.

Note 2: The ex-post Minimum Detectable Effect with 80% power and a 5% significance level based on the actual sample at mid-line is 1.67.

Table C10: Lee (2005) bounds for continuous income variables (with controls)

	(1)	(2)	(3)
Treatment: Nutrition	Lower	Actual	Upper
Personal Income	-0.712*** (0.000)	-0.452** (0.022)	0.137 (0.229)
Crop Income	-0.589 (0.375)	0.163 (0.805)	0.892 (0.186)
Livestock Income	-0.459*** (0.000)	0.453** (0.034)	0.594** (0.012)
Enterprise Income	-0.984*** (0.000)	0.337 (0.170)	0.584** (0.044)
Wage Income	-1.678*** (0.000)	-0.845** (0.025)	-0.294 (0.403)
Treatment: Cookery	Lower	Actual	Upper
Personal Income	0.496*** (0.000)	0.636*** (0.000)	0.905*** (0.000)
Crop Income	-0.748 (0.343)	-0.089 (0.907)	0.380 (0.627)
Livestock Income	-0.457*** (0.000)	0.318** (0.027)	0.402** (0.014)
Enterprise Income	0.198 (0.305)	1.169*** (0.000)	1.431*** (0.000)
Wage Income	-0.798** (0.048)	-0.230 (0.492)	0.238 (0.477)
Treatment: Role Models	Lower	Actual	Upper
Personal Income	0.002 (0.980)	0.095 (0.307)	0.295** (0.021)
Crop Income	0.604 (0.364)	0.904 (0.173)	1.131* (0.095)
Livestock Income	0.577** (0.048)	0.982*** (0.001)	1.094*** (0.001)
Enterprise Income	0.531 (0.156)	0.857** (0.027)	1.064*** (0.010)
Wage Income	-1.396*** (0.001)	-1.014** (0.011)	-0.816** (0.045)

Each specification includes controls for baseline outcomes, baseline covariates and strata as described in equations (1) and (2). P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1

Table C11: Results with Inverse Probability Weighting (IPW) for nutrition and cookery treatment outcomes

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Access to information	Number of meals	Number of snacks	Litres of water	Treated water	Used the recipe	Calories (Total)	Protein (Total)	Fat (Total)	Carbs (Total)
Nutrition	0.066*	0.128*	0.420**	0.234*	0.106**		106.240	9.122***	4.708	5.983
P-value robust	(0.056)	(0.070)	(0.031)	(0.073)	(0.030)		(0.126)	(0.001)	(0.186)	(0.534)
Cookery	0.180***	0.110	0.657***	-0.015	-0.022	0.483***	155.326*	8.009*	5.406	19.839**
P-value robust	(0.000)	(0.161)	(0.004)	(0.886)	(0.722)	(0.000)	(0.059)	(0.055)	(0.239)	(0.027)
Observations	1,887	1,886	1,890	1,893	1,865	1,306	1,925	1,925	1,925	1,925
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	Fibre (Total)	Minerals (Total)	Vitamins (Total)	Zinc (Total)	Vit A (Total)	Vit B6 (Total)	Vit C (Total)	Calories (Recipes)	Protein (Recipes)	Fat (Recipes)
Nutrition	0.370	30.078	23.378**	0.943*	0.041	0.041	21.730**	13.663	0.500	0.838
P-value robust	(0.756)	(0.197)	(0.016)	(0.075)	(0.553)	(0.553)	(0.014)	(0.743)	(0.686)	(0.659)
Cookery	2.298**	34.864	18.158**	1.223**	-0.078	0.137*	16.366*	77.589**	2.231**	3.127
P-value robust	(0.039)	(0.232)	(0.042)	(0.030)	(0.236)	(0.061)	(0.065)	(0.023)	(0.042)	(0.105)
Observations	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925
	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
	Carbs (Recipes)	Fibre (Total)	Minerals (Total)	Vitamins (Total)	Zinc (Total)	Vit A (Total)	Vit B6 (Total)	Vit C (Total)	Health	Total Income
Nutrition	0.481	-0.034	0.655	0.184	0.037	-0.000	-0.006	0.110	-0.087**	-0.473**
P-value robust	(0.942)	(0.943)	(0.906)	(0.717)	(0.884)	(0.553)	(0.880)	(0.406)	(0.026)	(0.027)
Cookery	10.815**	0.730*	9.891**	0.895**	0.492**	0.000	0.061**	0.059	-0.174***	0.633***
P-value robust	(0.037)	(0.077)	(0.037)	(0.041)	(0.027)	(0.402)	(0.049)	(0.655)	(0.000)	(0.000)
Observations	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,891	1,897
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
	Income from crops	Income from livestock	Income from non-ag enterprises	Income from wages	Total days worked	Days self-employed work	Days working for a wage	Days working on the land	Log productivity	Ambition
Nutrition	0.140	0.482**	0.372	-0.823**	0.450**	0.140	-0.239*	0.508**	-0.180	-0.042
P-value robust	(0.834)	(0.038)	(0.128)	(0.039)	(0.040)	(0.545)	(0.090)	(0.035)	(0.567)	(0.345)
Cookery	-0.203	0.264*	1.211***	-0.215	0.321	0.653**	0.036	-0.418*	1.637***	0.173**
P-value robust	(0.795)	(0.086)	(0.001)	(0.556)	(0.134)	(0.016)	(0.813)	(0.092)	(0.000)	(0.013)
Observations	1,897	1,897	1,897	1,897	1,925	1,925	1,925	1,925	1,789	1,897

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.

Table C12: Results with Inverse Probability Weighting (IPW) for role models treatment outcomes

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Operates and enterprise/ self- employed	Proportion of income generated from own enterprises	Time spent working in own enterprises	Total Income	Income from crops	Income from livestock	Income from non-ag enterprises	Income from wages	Ambition	Makes decisions alone
Role models	0.125***	0.102***	0.506**	0.128	0.947	0.979***	0.923**	-1.020**	0.109***	0.043
P-value robust	(0.010)	(0.005)	(0.011)	(0.209)	(0.166)	(0.001)	(0.020)	(0.014)	(0.008)	(0.284)
Observations	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,104	559
	(11)	(12)	(13)	(14)	(15)					
	Poultry	Cows	Goats	Pigs	Retail					
Role models	1.454***	0.218	0.447***	0.308***	0.049					
P-value robust	(0.000)	(0.124)	(0.003)	(0.001)	(0.172)					
Observations	1,114	1,114	1,114	1,114	1,114					

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.

Table C13: Results including attriters and assuming unchanged outcomes for nutrition and cookery treatment outcomes

	(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)	(11)
	Access to information	Number of meals	Number of snacks	Litres of water	Treated water	Calories (Total)	Protein (Total)	Fat (Total)	Carbs (Total)	Fibre (Total)
Nutrition	0.034	0.092**	0.294**	0.160*	0.066**	73.615	6.157***	3.145	4.684	0.347
P-value robust	(0.158)	(0.038)	(0.027)	(0.061)	(0.019)	(0.110)	(0.002)	(0.183)	(0.446)	(0.644)
Cookery	0.113***	0.061	0.426***	-0.015	-0.012	94.602*	5.341**	2.747	12.710**	1.398**
P-value robust	(0.000)	(0.209)	(0.002)	(0.818)	(0.787)	(0.062)	(0.040)	(0.330)	(0.023)	(0.045)
Observations	3,120	3,122	3,125	3,127	3,090	3,164	3,164	3,164	3,164	3,164
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
	Minerals (Total)	Vitamins (Total)	Zinc (Total)	Vit A (Total)	Vit B6 (Total)	Vit C (Total)	Calories (Recipes)	Protein (Recipes)	Fat (Recipes)	Carbs (Recipes)
Nutrition	24.696*	15.686**	0.628*	0.035	0.040	14.310**	6.922	0.279	0.435	-0.044
P-value robust	(0.091)	(0.031)	(0.073)	(0.403)	(0.375)	(0.031)	(0.805)	(0.740)	(0.734)	(0.992)
Cookery	22.009	11.362*	0.742**	-0.056	0.089*	10.344*	49.775**	1.429*	1.948	7.013**
P-value robust	(0.281)	(0.054)	(0.041)	(0.232)	(0.059)	(0.078)	(0.033)	(0.059)	(0.135)	(0.034)
Observations	3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,164
	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
	Fibre (Total)	Minerals (Total)	Vitamins (Total)	Zinc (Total)	Vit A (Total)	Vit B6 (Total)	Vit C (Total)	Health	Total Income	Income from crops
Nutrition	-0.036	0.336	0.102	0.009	-0.000	-0.006	0.083	-0.036	-0.242*	0.031
P-value robust	(0.906)	(0.939)	(0.765)	(0.959)	(0.469)	(0.819)	(0.369)	(0.906)	(0.079)	(0.940)
Cookery	0.478*	6.269*	0.576*	0.314**	0.000	0.040**	0.039	0.478*	0.461***	-0.244
P-value robust	(0.083)	(0.072)	(0.055)	(0.041)	(0.372)	(0.048)	(0.661)	(0.083)	(0.000)	(0.605)
Observations	3,164	3,164	3,164	3,164	3,164	3,164	3,164	3,120	3,134	3,134
	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)		
	Income from livestock	Income from non-ag enterprises	Income from wages	Total days worked	Days self-employed work	Days working for a wage	Days working on the land	Log productivity		
Nutrition	0.322**	0.164	-0.437*	0.475***	0.088	-0.232**	0.479***	-0.264		
P-value robust	(0.025)	(0.181)	(0.071)	(0.009)	(0.552)	(0.042)	(0.000)	(0.238)		
Cookery	0.209*	0.754***	0.045	0.385**	0.769***	-0.023	-0.460***	1.533***		
P-value robust	(0.094)	(0.000)	(0.835)	(0.048)	(0.000)	(0.842)	(0.001)	(0.000)		
Observations	3,134	3,134	3,134	1,284	1,284	1,284	1,284	1,284		

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.

Table C14: Results attriters and assuming unchanged outcomes for role models treatment outcomes

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Operates and enterprise/ self- employed	Proportion of income generated from own enterprises	Time spent working in own enterprises	Total Income	Income from crops	Income from livestock	Income from non-ag enterprises	Income from wages
Role models	0.075***	0.043**	0.317***	0.045	0.312	0.552***	0.430**	-0.472*
P-value robust	(0.006)	(0.041)	(0.006)	(0.574)	(0.477)	(0.007)	(0.035)	(0.060)
Observations	1,987	1,988	1,988	1,988	1,988	1,988	1,988	1,988
	(9)	(10)	(11)	(12)	(13)	(14)		
	Makes decisions alone	Poultry	Cows	Goats	Pigs	Retail		
Role models	0.015	0.817***	0.089	0.236***	0.150***	0.032*		
P-value robust	(0.258)	(0.000)	(0.144)	(0.008)	(0.005)	(0.093)		
Observations	1,988	1,988	1,988	1,988	1,988	1,988		

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.

Table C15: Results for intensity of treatment for nutrition and cookery treatment outcomes

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Access to information	Number of meals	Number of snacks	Litres of water	Treated water	Used the recipe	Calories (Total)	Protein (Total)	Fat (Total)	Carbs (Total)
Nutrition 1 round	0.008	0.096	0.179	0.244	0.101**		127.831	10.587**	3.979	11.706
P-value robust	(0.885)	(0.125)	(0.289)	(0.187)	(0.026)		(0.116)	(0.011)	(0.271)	(0.367)
Nutrition 2 rounds	0.063*	0.104	0.306*	0.188	0.113**		41.174	5.926	1.066	0.353
P-value robust	(0.054)	(0.276)	(0.083)	(0.103)	(0.039)		(0.609)	(0.101)	(0.797)	(0.971)
Nutrition 3 rounds	0.096***	0.157**	0.548**	0.300*	0.100**		160.341*	11.070***	7.165*	12.337
P-value robust	(0.002)	(0.016)	(0.013)	(0.067)	(0.047)		(0.058)	(0.001)	(0.093)	(0.278)
Cookery 1 round	0.178***	0.154	0.463	-0.159	-0.029	0.303**	114.882	8.059**	0.804	21.474**
P-value robust	(0.000)	(0.109)	(0.113)	(0.298)	(0.712)	(0.013)	(0.156)	(0.036)	(0.871)	(0.019)
Cookery 2 rounds	0.177***	0.042	0.657***	0.030	-0.048	0.466***	104.901	4.380	2.790	16.788
P-value robust	(0.000)	(0.571)	(0.003)	(0.792)	(0.349)	(0.000)	(0.268)	(0.254)	(0.552)	(0.186)
Cookery 3 rounds	0.184***	0.134*	0.699***	-0.004	-0.021	0.543***	169.534**	9.332**	5.746	20.799**
P-value robust	(0.000)	(0.079)	(0.003)	(0.967)	(0.750)	(0.000)	(0.032)	(0.028)	(0.195)	(0.013)
Observations	1,894	1,893	1,897	1,900	1,872	1,313	1,934	1,934	1,934	1,894
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	Fibre (Total)	Minerals (Total)	Vitamins (Total)	Zinc (Total)	Vit A (Total)	Vit B6 (Total)	Vit C (Total)	Calories (Recipes)	Protein (Recipes)	Fat (Recipes)
Nutrition 1 round	1.373	53.663	16.440	0.871	0.048	0.076	14.510	-2.208	-0.599	1.373
P-value robust	(0.366)	(0.198)	(0.176)	(0.144)	(0.721)	(0.468)	(0.190)	(0.970)	(0.811)	(0.366)
Nutrition 2 rounds	-1.062	18.778	14.954	0.586	-0.058	-0.040	14.874	-8.669	-1.263	-1.062
P-value robust	(0.459)	(0.653)	(0.196)	(0.316)	(0.529)	(0.672)	(0.129)	(0.788)	(0.515)	(0.459)
Nutrition 3 rounds	1.490	36.695	29.338**	1.268*	0.099	0.109	26.354**	35.365	2.140	1.490
P-value robust	(0.277)	(0.110)	(0.016)	(0.056)	(0.185)	(0.191)	(0.016)	(0.489)	(0.360)	(0.277)
Cookery 1 round	3.529**	14.678	30.796*	0.964*	-0.094	0.179***	27.455*	16.427	-1.235	3.529**
P-value robust	(0.013)	(0.576)	(0.066)	(0.063)	(0.101)	(0.003)	(0.094)	(0.723)	(0.611)	(0.013)
Cookery 2 rounds	1.044	21.230	8.964	0.713	-0.112*	0.085	9.041	66.416	2.076	1.044
P-value robust	(0.500)	(0.369)	(0.444)	(0.227)	(0.063)	(0.286)	(0.442)	(0.151)	(0.334)	(0.500)
Cookery 3 rounds	2.482**	41.718	18.446**	1.387**	-0.078	0.150**	16.198*	89.771**	3.853*	2.482**
P-value robust	(0.012)	(0.205)	(0.038)	(0.016)	(0.286)	(0.042)	(0.064)	(0.012)	(0.050)	(0.012)
Observations	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.

Table C15 (Continued): Results for intensity of treatment for nutrition and cookery treatment outcomes

	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
	Carbs (Recipes)	Fibre (Total)	Minerals (Total)	Vitamins (Total)	Zinc (Total)	Vit A (Total)	Vit B6 (Total)	Vit C (Total)	Health	Total Income
Nutrition 1 round	0.093	0.017	-3.115	0.014	-0.072	0.000	0.000	0.066	-0.100	-0.318
P-value robust	(0.992)	(0.979)	(0.756)	(0.984)	(0.847)	(0.796)	(0.995)	(0.781)	(0.103)	(0.198)
Nutrition 2 rounds	0.290	-0.496	-6.004	-0.223	-0.158	-0.000	-0.024	-0.021	-0.036	-0.523***
P-value robust	(0.957)	(0.206)	(0.204)	(0.570)	(0.484)	(0.183)	(0.468)	(0.842)	(0.615)	(0.010)
Nutrition 3 rounds	2.309	0.246	3.624	0.500	0.181	-0.000	0.010	0.181	-0.142***	-0.505***
P-value robust	(0.755)	(0.666)	(0.605)	(0.436)	(0.560)	(0.843)	(0.824)	(0.263)	(0.000)	(0.009)
Cookery 1 round	7.383	0.370	4.441	0.062	0.127	0.000*	0.047	-0.150	-0.178**	0.582**
P-value robust	(0.292)	(0.423)	(0.592)	(0.909)	(0.677)	(0.056)	(0.218)	(0.350)	(0.015)	(0.014)
Cookery 2 rounds	11.068	0.626	6.731	0.736	0.388	0.000	0.059	0.046	-0.202***	0.399***
P-value robust	(0.116)	(0.212)	(0.182)	(0.196)	(0.163)	(0.353)	(0.140)	(0.715)	(0.000)	(0.005)
Cookery 3 rounds	11.727**	0.815*	11.827**	1.047**	0.574**	0.000	0.065**	0.080	-0.155***	0.681***
P-value robust	(0.034)	(0.062)	(0.014)	(0.020)	(0.016)	(0.507)	(0.047)	(0.570)	(0.000)	(0.000)
Observations	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,934	1,891	1,904
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
	Income from crops	Income from livestock	Income from non-ag enterprises	Income from wages	Total days worked	Days self- employed work	Days working for a wage	Days working on the land	Log productivity	Ambition
Nutrition 1 round	0.273	0.254	-0.118	-0.849	0.284	-0.287	-0.052	0.604*	-0.337	-0.012
P-value robust	(0.688)	(0.352)	(0.829)	(0.168)	(0.477)	(0.436)	(0.830)	(0.078)	(0.547)	(0.825)
Nutrition 2 rounds	-0.059	0.592**	0.713**	-0.777	0.728***	0.221	-0.201	0.658**	-0.199	-0.031
P-value robust	(0.927)	(0.017)	(0.048)	(0.115)	(0.010)	(0.432)	(0.442)	(0.018)	(0.549)	(0.464)
Nutrition 3 rounds	0.301	0.408*	0.237	-0.938**	0.361	0.197	-0.289**	0.426*	-0.159	-0.073
P-value robust	(0.624)	(0.070)	(0.391)	(0.032)	(0.147)	(0.358)	(0.026)	(0.082)	(0.599)	(0.103)
Cookery 1 round	-0.140	-0.189	0.264	0.108	-0.532	-0.089	0.150	-0.650**	2.134***	0.121
P-value robust	(0.859)	(0.409)	(0.585)	(0.866)	(0.235)	(0.729)	(0.623)	(0.045)	(0.000)	(0.312)
Cookery 2 rounds	0.044	0.394*	0.545	-0.030	-0.040	0.391	0.084	-0.543**	1.299***	0.178***
P-value robust	(0.950)	(0.077)	(0.122)	(0.949)	(0.842)	(0.238)	(0.755)	(0.048)	(0.003)	(0.006)
Cookery 3 rounds	-0.158	0.407*	1.580***	-0.375	0.645***	0.892***	-0.020	-0.287	1.655***	0.177**
P-value robust	(0.844)	(0.053)	(0.000)	(0.228)	(0.009)	(0.003)	(0.878)	(0.262)	(0.000)	(0.026)
Observations	1,904	1,904	1,904	1,904	1,934	1,934	1,934	1,934	1,797	1,904

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.

Table C16: Results for intensity of treatment for role models treatment outcomes

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Operates and enterprise/ self- employed	Proportion of income generated from own enterprises	Time spent working in own enterprises	Total Income	Income from crops	Income from livestock	Income from non-ag enterprises	Income from wages	Ambition	Makes decisions alone
Role models 1 round	0.006	-0.005	0.086	0.323	0.055	0.943	-0.824	-0.343	-0.133*	0.039
P-value robust	(0.931)	(0.919)	(0.701)	(0.220)	(0.943)	(0.109)	(0.215)	(0.693)	(0.097)	(0.722)
Role models 2 rounds	0.058	0.039	0.185	-0.082	0.296	1.045**	0.494	-0.811	0.054	0.061
P-value robust	(0.362)	(0.639)	(0.505)	(0.698)	(0.820)	(0.014)	(0.555)	(0.416)	(0.493)	(0.483)
Role models 3 rounds	0.166***	0.098**	0.617**	-0.017	0.887	0.219	1.303***	-1.144***	0.171***	0.054
P-value robust	(0.000)	(0.028)	(0.013)	(0.904)	(0.266)	(0.626)	(0.004)	(0.009)	(0.002)	(0.263)
Role models 4 rounds	0.120**	0.117***	0.489**	0.115	1.070*	1.278***	0.847*	-0.952**	0.114**	0.009
P-value robust	(0.031)	(0.000)	(0.012)	(0.186)	(0.062)	(0.000)	(0.079)	(0.024)	(0.015)	(0.830)
Observations	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,108	563
	(11)	(12)	(13)	(14)	(15)					
	Poultry	Cows	Goats	Pigs	Retail					
Role models 1 round	-0.566	0.205	1.051**	0.173	-0.035					
P-value robust	(0.438)	(0.118)	(0.013)	(0.109)	(0.606)					
Role models 2 rounds	0.059	0.178	0.183	0.077	0.068					
P-value robust	(0.946)	(0.234)	(0.327)	(0.486)	(0.210)					
Role models 3 rounds	0.805	0.259*	0.389**	0.181**	0.082**					
P-value robust	(0.186)	(0.055)	(0.037)	(0.020)	(0.035)					
Role models 4 rounds	1.477***	0.192	0.429***	0.412***	0.060					
P-value robust	(0.000)	(0.147)	(0.007)	(0.000)	(0.159)					
Observations	1,118	1,118	1,118	1,118	1,118					

P-values for robust standard errors clustered at the clinic level presented in parenthesis. *** p<0.01, ** p<0.05, *p<0.1.