

Baseline Survey

Survey Information			
Variable Name	Variable Description	Variable Values	Freq or M(SD)
block		1 Athmallik 2 Kishorenagar	1898 2212
cluster		provided upon request	
village		in datasheet	
HUIC	ID variable		
Coordinator	value of coordinator who oversaw survey team		
interviewer	value of interviewer who administered survey		
first_visit_date	date of first interview		
first_visit_time	time of first interview		
respondent_present1	was the respondent present during first visit	0 not present 1 present	86 3919
second_visit_date	date of second interview		
second_visit_time	time of second interview		
respondent_present2	was the respondent present during second visit	0 not present 1 present	13 165
third_visit_date	date of third interview		
third_visit_time	time of third interview		
respondent_present3	was the respondent present during third visit	0 not present 1 present	0 26
respondent_present	was the respondent present during any of the visits SPSS syntax: <i>compute</i> <i>respondent_present=0.</i> <i>if</i> <i>((respondent_present1=1)</i> <i>OR</i> <i>(respondent_present2=1)</i> <i>OR (respondent_present3=1))</i> <i>respondent_present=1.</i> <i>execute.</i>	0 contact was not made 1 contact was made	n/a 4,110
consent_respondent	if respondent was present during one of the visits, did they give consent to participate	0 no 1 written consent 2 verbal consent	n/a 3861 249

Survey Version	version number	1 2 3 4	1023 1031 1030 1026
trmt	unblinded treatment arm	0 control 1 treatment	2049 2061
CAS	Was the participant selected to take part in the Cognitive, ActivPal, and Step (CAS) tests?	0 1	3735 375
supplyarm	Was this participant in the supply and demand arm or the demand only arm between midline and end-line?	0 demand only arm 1 supply and demand arm	1264 797

Note: all mRANI participants were in the parent RANI trial's treatment arm; 1 person missing from VAW was deleted for due to suspected errors

Variable Name	Variable Description	Variable Values	Freq or M(SD)	
			IFA arm	VAW arm
mRANIselected		N missing	191 13	189 14
mRANIarm		1 IFA arm 2 VAW arm	see above	

Pregnancy Status		
<p>Directions: Say, "Today I'm going to ask you about anemia. You may have heard it referred to as 'lack of blood.' I will also ask you about iron-folic tablets, also known as IRON BATIKA(tablets). " Show the participant the IRON BATIKA(tablet) and say, "This is what they look like. Perhaps you have seen them before."</p> <p>Say "Before I ask you about anemia and IRON BATIKA, I'd first like to ask you..."</p>		
preg1	What is your age in years?	Age: __ (years) range: 15-49; M=30.27; SD= 8.80 999 Unknown
age	Combination of preg1 and dem2 [age=mean (preg1, dem1)]	range: 15-49; M=30.28; SD= 8.79
preg2	Are you currently single, married, separated, divorced, Widowed?	1. Single 646 2. Married 3293 3. Separated 28 4. Divorced 8 5. Widowed 135
preg3	Are you currently pregnant?	0. No (skip to preg5) 3913 1. Yes 196 99. Don't know (skip to preg5) 1
preg_status	Pregnant or not (dichotomous variable) [recode preg3 (1=1) (0 99=0) into preg_status.]	0. not pregnant (skip to preg5) 3914 1. pregnant 196
preg4_week	How many weeks have you been pregnant?	_____ weeks range: 0-14; M= 1.37; SD= 1.88 n=196, no missing
preg4_month	How many months have you been pregnant?	_____ months range: 0-9; M= 5.05; SD= 2.45 n=196, no missing
weeks_pregnant	Total weeks pregnant [weeks_pregnant=preg4_month*4. 345 +preg4_week]	range: 3-48.76; M= 23.32; SD= 10.68 n=196, no missing
preg5	Are you currently breastfeeding?	0. No 3230 1. Yes 878 99. I don't know 1 Missing 1
breastfeed	breastfeeding or not (dichotomous variable) [recode preg5 (1=1) (0 99=0) into breastfeed]	0. not breastfeeding 3231 1. breastfeeding 878 missing 1

Iron Batika Use		
ifa1	Have you ever eaten/taken an iron batika (tablet)? (Interviewer should hold up the packet of tablets for the interviewee to see)	0. No, I have never taken it (skip to IFA3) 886 1. Yes, I am currently taking it 236 2. Yes, I took in the past, but not currently (skip to IFA3) 2988
ifa2	How many iron batika did you take in the past seven days?	__# of IFA range: 0-28; M= 6.81; SD=4.46 (If 7 or more, skip to RP1 after)
ifa3_1	stopped IFA because finished tablets	0. No 3975 1. Yes 80 missing 55
ifa3_2	stopped IFA because lost the packet	0. No 4053 1. Yes 2 missing 55
ifa3_3	stopped IFA because experienced dark stool	0. No 4019 1. Yes 36 missing 55
ifa3_4	stopped IFA because experienced nausea	0. No 3688 1. Yes 367 missing 55
ifa3_5	stopped IFA because experienced stomach pain	0. No 4025 1. Yes 30 missing 55
ifa3_6	stopped IFA because fear of big baby	0. No 3994 1. Yes 61 missing 55
ifa3_7	stopped IFA because forgot to take tablets	0. No 3978 1. Yes 77 missing 55
ifa3_8	stopped IFA because did not see any need or benefit	0. No 3982 1. Yes 73 missing 55
ifa3_9	stopped IFA because someone advised to not take or discontinue	0. No 4028 1. Yes 27 missing 55
ifa3_10	stopped IFA because did not like the taste or smell	0. No 3691

		1. Yes 364 missing 55
ifa3_11	stopped IFA because gave tablets to someone else	0. No 4055 1. Yes 0 missing 55
ifa3_12	stopped IFA because end of pregnancy	0. No 2545 1. Yes 1510 missing 55
ifa3_13	stopped IFA because wasn't anemic anymore	0. No 3981 1. Yes 74 missing 55
ifa3_14	stopped IFA because not in school or school vacation	0. No 3943 1. Yes 112 missing 55
ifa3_15	stopped IFA because I do not need to take the tablets everyday	0. No 3605 1. Yes 450 missing 55
ifa3_16	stopped IFA because no one told me to take it everyday	0. No 3373 1. Yes 682 missing 55
ifa3_17	stopped IFA because did not receive the IFA tablets	0. No 1642 1. Yes 2413 missing 55
ifa3_88	stopped IFA because other reason	0. No 3908 1. Yes 147 missing 55
ifa4	Have you asked for iron Batika from anyone for your own use in the last 6 months?	0. No 3813 1. Yes 290 missing 7
ifa5_1	Asked AWW center for IFA	0. No 2541 1. Yes 82 missing 1497
ifa5_2	Asked ASHA for IFA	0. No 2548 1. Yes 179 missing 1497
ifa5_3	Asked health center for IFA	0. No 2548 1. Yes 65 missing 1497
ifa5_88	asked person not on list	0. No 2607 1. Yes 6

		missing 1497
ifa5_other	response to 'other' place they asked for IFA from error correction: [compute ifa5_other=ifa4_other]	string variable

Risk Perception

Directions: "I am now going to say something. Please tell me if you agree or disagree with it, OK?" Ask participants if they agree with the following statements, or if they are neutral. If they say "agree," then ask whether they somewhat agree or strongly agree. If they say "disagree", then ask whether they somewhat disagree or strongly disagree.

rp1	Do you think you will become anemic (have lack of blood) in the coming year?	0. No 1749 1. Yes 2280 2. I am already anemic 81
rp1r	recode rp1 (0=0) (1 2=1) into rp1r	0. No 1749 1. Yes 2361
rp2	Do you think someone in your family will become anemic (have lack of blood) in the coming year?	0. No 1851 1. Yes 2259
rp3	If you became anemic (have lack of blood), it would affect your health in a negative way?	1. Strongly disagree 10 2. Disagree 16 3. Neither agree or disagree 3 4. Agree 1109 5. Strongly agree 2972
rp3r	dichotomous severity score for self [recode rp3 (1 2 3 4=0) (5=1) into rp3r.]	0. low severity perception 1138 1. high severity perception 2972
rp4	If someone in your family became anemic (have lack of blood), it would affect their health in a negative way?	1. Strongly disagree 10 2. Disagree 18 3. Neither agree or disagree 8 4. Agree 1253 5. Strongly agree 2821
rp4r	dichotomous severity score for others [recode rp4 (1 2 3 4=0) (5=1) into rp4r.]	0. low severity perception 1289 1. high severity perception 2821
personalpr	perceived risk for oneself [=sum (rp1r, rp3r)]	0. low perceived risk for oneself 545 1. medium perceived risk for oneself 1797 2. high perceived risk for oneself 1768

gen_suscep	generalized susceptibility perceptions [do if rp1r=0. if rp2=0 gen_suscep=0. if rp2=1 gen_suscep=0. end if. do if rp1r=1. if rp2=0 gen_suscep=0. if rp2=1 gen_suscep=1. end if.]	0. low perceived susceptibility for oneself and others 2076 1. high perceived susceptibility for oneself and others 2034
gen_sev	generalized severity perceptions [do if rp3r=0. if rp4r=0 gen_sev=0. if rp4r=1 gen_sev=0. end if. do if rp3r=1. if rp4r=0 gen_sev=0. if rp4r=1 gen_sev=1. end if.]	0. low perceived severity for oneself and others 1420 1. high perceived severity for oneself and others 2690
genpr	generalized risk perception [genpr=sum(gen_suscep, gen_sev).]	0. low generalized perceived risk 735 1. medium generalized perceived risk 2026 2. high generalized perceived risk 1349

Perceived Access

pa1	Do you know where you can get iron batika tablets?	0. No (skip to SE1) 117 1. Yes 3993
pa2	Do you agree or disagree with the statement, "It is easy for you (or someone) to get iron batika (tablets)?"	1. Strongly disagree 104 2. Disagree 326 3. Neither agree or disagree 12 4. Agree 1700 5. Strongly agree 1851 n=3993
seaccess	self efficacy to get access to IFA [do if PA1=0. compute seaccess=1. end if. do if PA1=1. compute seaccess=PA2. end if.]	1-5 scale M= 4.13 SD= 1.11

Self-Efficacy		
Directions: Ask participants if they agree with the following statements, or if they are neutral. If they say “agree,” then ask whether they somewhat agree or strongly agree. If they say “disagree”, then ask whether they somewhat disagree or strongly disagree.		
se1	You can take iron batika tablets every week when you are non pregnant.	1. Strongly disagree 415 2. Disagree 641 3. Neither agree or disagree 7 4. Agree 1500 5. Strongly agree 1547
se2	You believe that you could easily take iron batika	1. Strongly disagree 174 2. Disagree 552 3. Neither agree or disagree 10 4. Agree 1672 5. Strongly agree 1702
se3	You can take iron batika (tablets) even if your husband/father does not want you to do so	1. Strongly disagree 717 2. Disagree 700 3. Neither agree or disagree 3 4. Agree 1287 5. Strongly agree 1202 6. Not applicable 201
se3r	SE3 without option 6-n/a [recode se3 (1=1) (2=2) (3=3) (4=4) (5=5) (6=sysmiss) into se3r.]	1. Strongly disagree 717 2. Disagree 700 3. Neither agree or disagree 3 4. Agree 1287 5. Strongly agree 1202 missing 201
se4	You can take iron batika (tablets) even if your mother/mother-in-law does not want you to do so	1. Strongly disagree 436 2. Disagree 691 3. Neither agree or disagree 1 4. Agree 1054 5. Strongly agree 1055 6. Not applicable 873
se4r	SE4 without option 6-n/a [recode se4 (1=1) (2=2) (3=3) (4=4) (5=5) (6=sysmiss) into se4r.]	1. Strongly disagree 436 2. Disagree 691 3. Neither agree or disagree 1 4. Agree 1054

		5. Strongly agree 1055 missing 873
--	--	---

Outcome Expectations

Directions: Ask participants if they agree with the following statements, or if they are neutral. If they say "agree," then ask whether they somewhat agree or strongly agree. If they say "disagree", then ask whether they somewhat disagree or strongly disagree.

***NOTE: factor analysis was used to determine that OE scale should be just oe2*oe4 and oe1 and oe3 should be stand alone attitudes*.**

oe1	It is important for non pregnant women to take their iron batika (tablets) in one week.	1. Strongly disagree 216 2. Disagree 464 3. Neither agree or disagree 18 4. Agree 1733 5. Strongly agree 1679
oe2	Taking iron batika (tablets) regularly will make you feel stronger.	1. Strongly disagree 54 2. Disagree 257 3. Neither agree or disagree 104 4. Agree 1692 5. Strongly agree 2003
oe3	Taking iron batika (tablets) every-day while pregnant will not make the baby big.	1. Strongly disagree 746 2. Disagree 896 3. Neither agree or disagree 119 4. Agree 1198 5. Strongly agree 1151
oe4	Taking iron batika (tablets) every-day can help prevent fatigue and dizziness during pregnancy.	1. Strongly disagree 64 2. Disagree 293 3. Neither agree or disagree 97 4. Agree 1624 5. Strongly agree 2032

Intentions

Directions: Ask participants if they agree with the following statements, or if they are neutral. If they say "agree," then ask whether they somewhat agree or strongly agree. If they say "disagree", then ask whether they somewhat disagree or strongly disagree.

int1	If you were to get pregnant in the future, you will take iron batika tablets every-day.	1. Strongly disagree 128 2. Disagree 188 3. Neither agree or disagree 12
------	---	--

		4. Agree 995 5. Strongly agree 2787
int2	You will take iron batika tablets once a week in the future, even if you are not pregnant.	1. Strongly disagree 400 2. Disagree 700 3. Neither agree or disagree 6 4. Agree 1683 5. Strongly agree 1321
int3	If you are not pregnant you will take iron batika tablets every week even if your husband/male member in your community does not think it is a good idea.	1. Strongly disagree 668 2. Disagree 846 3. Neither agree or disagree 2 4. Agree 1543 5. Strongly agree 1051
int4	If you are not pregnant you will take iron batika tablets every week even if your mother-in-law/woman in your community does not think it is a good idea.	1. Strongly disagree 558 2. Disagree 894 3. Neither agree or disagree 7 4. Agree 1543 5. Strongly agree 1108

Social Norms

I will now ask you your thoughts about what you *think* others in this community (hamlet or village) do. This is not what you think they should do but what you think they actually do. Remember that everything is confidential – we will not share any of your answers and we will not ask you for specific names of people in the community. Also, we are just asking for your best guess to each question.

sn1	What proportion of pregnant women in your community (hamlet or village) take iron batika tablets regularly? [READ RESPONSE CHOICES ONLY IF NECESSARY]	0. None 133 1. Some 965 2. About half 1001 3. Most 1064 4. All 947
sn2	What proportion of Adolescent girl in your community (hamlet or village) take iron batika tablets regularly? [READ RESPONSE CHOICES ONLY IF NECESSARY]	0. None 2569 1. Some 1049 2. About half 309 3. Most 136 4. All 48
sn3	What proportion of non pregnant women in your community (hamlet or village) take iron batika tablets regularly.	0. None 3188 1. Some 826 2. About half 82

		3. Most 8 4. All 6
I will now ask you your thoughts about what you think others in this community (hamlet or village) <i>should</i> do. This is not what you think they actually do, this time I am asking only about what you think they should do.		
sn4	How many women in your community (hamlet or village) think you should take iron batika tablets regularly if you are pregnant?	0. None 313 1. Some 1190 2. About half 1061 3. Most 938 4. All 608
sn5	How many of the women in your community (hamlet or village) think you should take IRON BATIKA tablets, even when you are not pregnant. If she is not married, say her mother.	0. None 2868 1. Some 990 2. About half 158 3. Most 66 4. All 28
sn6	For married women : Your mother-in-law thinks you should take iron batika tablets regularly if you are pregnant. For unmarried women: Most mother-in-law think pregnant women should take iron batika tablets regularly. If she is not married, say her mother	1. Strongly disagree 482 2. Disagree 534 3. Neither agree or disagree 37 4. Agree 1640 5. Strongly agree 1417
sn7	For married women : Your mother-in-law thinks you should take iron batika tablets regularly, even if you are not pregnant. For unmarried women : Most mother-in-law think non pregnant women should take iron batika tablets. If she is not married, say her mother	1. Strongly disagree 1348 2. Disagree 1701 3. Neither agree or disagree 34 4. Agree 828 5. Strongly agree 199
sn8	For married women : Your husband thinks you should take iron batika tablets regularly if you are pregnant For unmarried women: Most husband think pregnant women should take iron batika tablets regularly.	1. Strongly disagree 161 2. Disagree 145 3. Neither agree or disagree 13 4. Agree 1283 5. Strongly agree 2508

	If she is not married, say her mother	
sn9	For married women Your husband thinks you should take iron batika tablets regularly when you are not pregnant: For unmarried women Most husband think non pregnant women should take iron batika tablets regularly.	1. Strongly disagree 841 2. Disagree 1460 3. Neither agree or disagree 27 4. Agree 1292 5. Strongly agree 490

Gender Norms

"I am now going to ask you some questions about the role of men and women in your community (hamlet or village). There are no right or wrong answers, these are just your opinions, and nobody from this community (hamlet or village) will know how you responded. I will read a statement and then I want you tell me how much you agree or disagree. This first section asks about what you think most families you know are *actually doing*."

Directions: Ask participants the extent to which they agree or disagree with the following statements. If they say "agree," then ask whether they somewhat agree or strongly agree. If they say "disagree", then ask whether they somewhat disagree or strongly disagree

DESCRIPTIVE NORMS.

Gender Roles

gn1	In most families you know, taking care of children is only the woman's job	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn2	In most families you know, only men are the ones who earn money for the family	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn3	In most families you know, boys are more educated than girls	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn4	In most families you know, there are times when a husband beats (hits) his wife	1. Strongly disagree 2. Disagree 3. Neither agree or disagree

		4. Agree 5. Strongly agree
Household Power and Control		
gn5	In most families you know, women obey their husbands in all matters	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn6	In most families you know, only men make decisions about household income and expenses	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn7	In most families you know, women ask permission from their husbands to get medical treatment of any kind	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
Decision Making Power Directions: remind participants that they are thinking about what they think most families they know actually do.		
gn8	In most families you know, husbands make the decision about buying major household items	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn9	In most families you know, women ask permission from their husband or mother-in-law to leave the house for any reason	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn10	In most families you know, women stop going to school after they get married.	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
Other Oriented		
gn11	In most families you know, women take care of their husbands, children, and in-laws before they take care of themselves	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn12	In most families you know, women eat last, after all the family members have eaten	1. Strongly disagree 2. Disagree

		3. Neither agree or disagree 4. Agree 5. Strongly agree
gn13	In most families you know, women eat whatever is left over after the rest of their family has finished eating.	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn14	In most families you know, women do all of the housework and finish it before taking rest	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree

Injunctive Norms.

Directions: Say, "This section asks about what most of your people in your community (hamlet or village) believes people should do." This is not what people are actually doing but what others think they should be doing. For example, maybe in this community people know they *should* wash their hands with soap and water before eating but they don't do it every time. So now, I'm asking you about what others think should be done, not what they actually do. Is that clear? (Please move ahead only after you are satisfied that they have understood the difference. Remember that there are no right or wrong answers, these are just your opinions, and nobody from this community (hamlet or village) will know how you responded

Gender Roles

gn15	Most families you know believe that it should only be a woman's job to take care of the children.	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn16	Most families you know believe that men should be the only ones who earn money for the family.	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn17	Most families you know believe that boys <i>should</i> be more educated than girls	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn18	Most families you know believe that women <i>should</i> be beaten in certain circumstances.	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree

Power and Control

gn19	Most families you know believe that women should obey their husbands in all matters	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn20	Most families you know believe that only men should be responsible for household income & expenses	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn21	Most families you know believe that women should ask permission from their husbands to get medical treatment of any kind	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
Decision Making Power Directions: remind participant that they are thinking about what the families they know think they should be doing, not what they are actually doing.		
gn22	Most families you know believe that husbands <i>should</i> make the decision about buying major household items (e.g., television, refrigerator, bicycle, motor bikes)	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn23	Most families you know believe women should ask permission from her husband or mother-in-law to leave the house for any reason.	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn24	Most families you know believe that women should stop going to school after they get married.	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
Other Oriented		
gn25	Most families you know believe that women should take care of their husbands, children, and in-laws before they take care of themselves	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn26	Most families you know believe that women <i>should</i> eat last, after all the family members have eaten	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree

gn27	Most families you know believe that women should eat whatever is left over after the rest of the family has eaten	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree
gn28	Most families you know believe that women should do all o the housework and finish it before taking rest	1. Strongly disagree 2. Disagree 3. Neither agree or disagree 4. Agree 5. Strongly agree

Knowledge about IRON BATIKA and other conditions

Directions: Say "I'm going to read you a number of statements. After I finish reading each statement, please tell me if you think it is true or not."

know1	Iron batika prevents anemia (lack of blood) only for young women and it has no effect on older women.	1. True 2878 2. False 787 3. Don't know 445
know1r	Iron batika prevents anemia (lack of blood) only for young women and it has no effect on older women. [recode know1 (1 3=0) (2=1) into know1r.]	0. Incorrect 3323 1. Correct 787
know2	Anemia (lack of blood) can be cured by exercising more.	1. True 2471 2. False 829 3. Don't know 810
know2r	Anemia (lack of blood) can be cured by exercising more. [recode know2 (1 3=0) (2=1) into know2r.]	0. Incorrect 3281 1. Correct 829
know3	Eating dark green leafy vegetables prevents anemia, or lack of blood.	1. True 4036 2. False 43 3. Don't know 31
know3r	Eating dark green leafy vegetables prevents anemia, or lack of blood. [recode know3 (1 =1) (2 3=0) into know3r.]	0. Incorrect 74 1. Correct 4036
know4	Having malaria can make it easier to get anemia or lack of blood.	1. True 3367 2. False 332 3. Don't know 411
know4r	Having malaria can make it easier to get anemia or lack of blood. [recode know4 (1 =1) (2 3=0) into know4r.]	0. Incorrect 743 1. Correct 3367
know5	Routine deworming can reduce anemia or lack of blood	1. True 2063

		2. False 740 3. Don't know 1307
know5r	Routine deworming can reduce anemia or lack of blood [recode know5 (1 =1) (2 3=0) into know5r.]	0. Incorrect 2047 1. Correct 2063
know6	Anemia can be spread from one person to another through their saliva	1. True 990 2. False 1634 3. Don't know 1486
know6r	Anemia can be spread from one person to another through their saliva [recode know6 (1 3=0) (2=1) into know6r.]	0. Incorrect 2476 1. Correct 1634
know7	Eating rice and chapati can prevent anemia.	1. True 3191 2. False 724 3. Don't know 189 missing 6
know7r	Eating rice and chapati can prevent anemia. [recode know7 (1 3=0) (2=1) into know7r.]	0. Incorrect 3380 1. Correct 724 missing 6

Anemia and Health Communication		
Directions: Ask participants if they agree, disagree, or neither with the following statements. If they say "agree," then ask whether they somewhat agree or strongly agree. If they say "disagree", then ask whether they somewhat disagree or strongly disagree.		
comm1	You often talk to your family about the health of the women in your family.	1. Strongly disagree 57 2. Disagree 56 3. Neither agree or disagree 11 4. Agree 1196 5. Strongly agree 2790
comm2	You often talk to people in your community (hamlet or village) about the health of the women in your community (hamlet or village).	1. Strongly disagree 250 2. Disagree 366 3. Neither agree or disagree 8 4. Agree 2040 5. Strongly agree 1446
comm3	You often talk to members of the self-help group about the health of the women in your community.	1. Strongly disagree 780 2. Disagree 871 3. Neither agree or disagree 7 4. Agree 1550 5. Strongly agree 902

Mental Health

Say "I will now ask you about some of your feelings and thoughts. Please tell me how often you have felt the following in the past week.

mh1	You were bothered by things that usually don't bother you	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh2	Your appetite was poor: you did not feel like eating	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh3	You felt that you could not shake off the blues even with help from your family or friends	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh4	you felt your behavior was just as good as other people	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh5	You had trouble keeping your mind on what you were doing	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh6	You felt down	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh7	You felt everything you did was difficult to do	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)

mh8	You felt hopeful about the future	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh9	You thought your life had been a failure	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh10	You felt fearful	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh11	You felt your sleep was restless	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh12	You felt happy	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh13	You talked less than usual	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh14	You felt lonely	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh15	You felt people were unfriendly	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)

mh16	You enjoyed life	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh17	You had crying spells	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh18	You felt sad	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh19	You felt that people dislike you	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)
mh20	You could not get “going”	1. Rarely or none of the time (less than 1 day) 2. Some or a little of the time (1-2 days) 3. Occasionally or a moderate amount of the time (3-4 days) 4. Most or all of the time (5-7 days)

Functional Health and Well-Being (SF-12)

Directions: This survey asks for your views about your health. This information will help keep track of how you feel and how well you are able to do your usual activities.

Thank you for completing this survey!

For each of the following questions, please mark an in the one box that best describes your answer.

sf1	How is your health? READ RESPONSE CHOICES ONLY IF NECESSARY] ()	1. Excellent 2. Very Good 3. Good 4. Fair 5. Poor
-----	---	---

Now I'm going to read a list of activities that you might do during a typical day. As I read each item, please tell me if your health now limits you a lot, limits you a little, or does not limit you at all in these activities.		
sf2a	Moderate activities, such as moving or carrying something heavy READ RESPONSE CHOICES ONLY IF NECESSARY))	1. Yes, Limited A Lot 2. Yes 3. No, Not Limited At All
sf2b	Climbing <u>several</u> flights of stairs	1. Yes, Limited A Lot 2. Yes 3. No, Not Limited At All
The following two questions ask you about your physical health and your daily activities.		
sf31	During the past four weeks, how much of the time have you accomplished less than you would like as a result of your physical health?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
sf3b	During the past four weeks, how much of the time were you limited in the kind of work or other regular daily activities you do as a result of your physical health?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
The following two questions ask about your emotions and your daily activities.		
sf4a	During the past four weeks, how much of the time have you accomplished less than you would like as a result of any emotional problems, such as feeling depressed or anxious?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
sf4b	During the past four weeks, how much of the time did you do work or other regular daily activities less carefully than usual as a result of any emotional problems, such as feeling depressed or anxious?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
sf5	During the past four weeks, how much did pain interfere with your normal work, including both work outside the home and housework? Did it interfere	1. Not At All 2. A Little Bit 3. Moderately

		4. Quite A Bit 5. Extremely
<p>The next questions are about how you feel and how things have been with you during the past four weeks. As I read each statement, please give me the one answer that comes closest to the way you have been feeling; is it all of the time, most of the time, some of the time, a little of the time, or none of the time?</p>		
sf6a	How much of the time during the past four weeks... have you felt calm and peaceful? [READ RESPONSE CHOICES ONLY IF NECESSARY]	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
sf6b	How much of the time during the past four weeks... did you have a lot of energy? [READ RESPONSE CHOICES ONLY IF NECESSARY]	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
sf6c	How much of the time during the past four weeks... have you felt downhearted and depressed?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time
sf7	During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your visiting with friends or relatives?	1. All of the time 2. Most of the time 3. Some of the time 4. A little of the time 5. None of the time

Dietary Diversity N=1026 (only asked in version 4)		
DD1.	Was yesterday a special day, like a celebration or feast day or a fast day where you ate special foods or more or less than usual or did not eat because of fasting	0. No 998 1. Yes, celebration feast day 17 2. Yes, fast day 21
DD2.	consumed food from grains yesterday	0. no 2 1. yes 1024 98. don't know 0
DD3.	consumed veggies or roots that are orange-colored in side yesterday	0. no 666 1. yes 360 98. don't know 0
DD4.	consumed white roots and tubers or plantains yesterday	0. no 104 1. yes 922 98. don't know 0
DD5.	consumed dark green leafy vegetables yesterday	0. no 627 1. yes 399 98. don't know 0
DD6.	consumed fruits that are dark yellow or orange inside yesterday	0. no 972 1. yes 54 98. don't know 0
DD7.	consumed other fruits yesterday	0. no 846 1. yes 180 98. don't know 0
DD8.	consumed other vegetables yesterday	0. no 112 1. yes 914 98. don't know 0
DD9.	consumed meat made from animal organs yesterday	0. no 989 1. yes 36 98. don't know 0
DD10.	consumed other types of meat or poultry yesterday	0. no 925 1. yes 101 98. don't know 0
DD11.	consumed eggs yesterday	0. no 955 1. yes 71 98. don't know 0
DD12.	consumed fish or seafood yesterday	0. no 923 1. yes 102 98. don't know 1
DD13.	consumed beans or peas yesterday	0. no 235 1. yes 791 98. don't know 0

DD14.	consumed nuts or seeds yesterday	0. no 800 1. yes 226 98. don't know 0
DD15.	consumed milk or milk product yesterday	0. no 771 1. yes 255 98. don't know 0
DD16.	consumed insects or other small protein foods yesterday	0. no 1022 1. yes 2 98. don't know 2
DD17.	consumed red palm oil yesterday	0. no 973 1. yes 19 98. don't know 34
DD18.	consumed oils or fats yesterday	0. no 215 1. yes 811 98. don't know 0
DD19.	consumed savory and fried snacks yesterday	0. no 771 1. yes 255 98. don't know 0
DD20.	consumed sweets yesterday	0. no 612 1. yes 414 98. don't know 0
DD21.	consumed sugar-sweetened beverage yesterday	0. no 645 1. yes 381 98. don't know 0
DD22.	consumed condiments or seasonings yesterday	0. no 37 1. yes 989 98. don't know 0
DD23.	consumed any other beverages yesterday	0. no 541 1. yes 483 98. don't know 2

Cosmic Outcomes

co1	In the past month, how often have you given money to a beggar? Would you say never, just once or twice, 3 to 5 times, 6 to 10 times, or more than 10 times?	0. Never 2345 1. Once or twice 1442 2. 3 to 5 times 304 3. 6 to 10 times 13 4. More than 10 times 6
-----	---	---

co2	Imagine that someone finds a wallet lying on the road with 5,000 rupees in it. How many people in this community (hamlet or village) would take the money and keep it for themselves? Would you say everyone would keep the money, most would keep the money, about half would keep the money, less than half would keep the money, or no one would keep the money?	1. Everyone 1076 2. Most 1446 3. About half 900 4. Less than half 427 5. No one 261
co3	In the next 20 years, do you think most people in Odisha will be much happier than they are today, somewhat happier than they are today, about the same as they are today, somewhat sadder than they are today, or much sadder than they are today?	5. Much happier 2678 4. Somewhat happier 1169 3. About the same 192 2. Somewhat sadder 49 1. Much sadder 22
co4	If your great grandmother were to see India today, do you think she would be extremely happy, somewhat happy, neither happy nor sad, somewhat sad, or very sad?	5. Extremely happy 3246 4. Somewhat happy 767 3. Neither happy nor sad 36 2. Somewhat sad 44 1. Very sad 17

Violence Against Women

I am now going to ask you about other women in this village who may have been beaten up by their husbands or other men in their lives.

vam1	In this village, in your opinion, how many women are beaten by their husbands at least once in 6 months?	1. None of them 427 2. Only 1 or 2 of them 2354 3. Many of them 1072 4. Most of them 235 5. All of them 22
vam2	If a woman burns the food, do you think it is OK for her husband to beat her?	0. No 3658 1. Yes 452
vam3	If a woman is disrespectful to her mother-in-law, do you think it is OK for her husband to beat her?	0. No 2206 1. Yes 1904
vam4	If a woman does not keep her house neat and clean, do you think it is OK for her husband to beat her?	0. No 2763 1. Yes 1347

vam5	If you saw a man beating a woman, do you think you would ask the man to stop?	0. No 337 1. Yes 3773
vam6	If you saw a man beating a woman, do you think you would distract the man so that he stops beating her?	0. No 490 1. Yes 3620
vam7	How strongly do you agree or disagree with the statement that women sometimes deserve to be beaten?	1. Strongly disagree 741 2. Disagree 967 3. Neither agree or disagree 22 4. Agree 2058 5. Strongly agree 322
vam8	How strongly do you agree or disagree with the statement that men have a right to discipline their wives by beating them?	1. Strongly disagree 611 2. Disagree 862 3. Neither agree or disagree 21 4. Agree 1918 5. Strongly agree 698

Demographics

Thank you so much for answering my questions about anemia and IRON BATIKA. I'd like to ask you a few questions about yourself before we finish.

dem1	What is your age in years?	_____ (years) Age range: 15-49; M= 30.28; SD= 8.79 Unknown 999
age	Combination of preg1 and dem2 [age=mean (preg1, dem1)]	range: 15-49; M=30.28; SD= 8.79
dem2	What is the highest level of school you have attended?	0. None 750 1. Class-1 (completed) 61 2. Class-2 (completed) 199 3. Class-3 (completed) 212 4. Class-4 (completed) 168 5. Class-5 (completed) 359 6. Class-6 (completed) 128 7. Class-7 (completed) 390

		8. Class-8 (completed) 151 9. Class-9 (completed) 517 10. Class-10 (completed) 636 11. Class-11 (completed) 133 12. Class-12 (completed) 261 13. More than Class-12 (completed) 145 99. No response 0
dem3	What is your religion?	1. Hindu 4103 2. Muslim 0 3. Christian 7 4. Sikh 0 5. Buddhist 0 6. Jain 0 7. Other 0
dem4	Are you a part of a caste or tribe?	0. No 5 1. Yes 4105 99. I don't know 0
dem5	Is this a scheduled caste, a scheduled tribe, other backward class, or none of them?	1. Scheduled Caste 582 2. Scheduled Tribe 1153 3. OBC 2280 4. None of them 88 5. Don't know 2 missing 5
dem6	How many children do you have?	0. None 977 1. One 850 2. Two 1398 3. Three 582 4. Four 211 5. Five or more 92 99. No response 0
dem7	Do you own a mobile phone?	0. No 2130 1. Yes (skip to dem11) 1980
dem8	Whose phone do you use most?	1. Husband/Male Partner 1024 2. Mother 46 3. Father/Father-in-law 166 4. Male relative 191 5. Female relative 245 6. Friend 3 7. Children 198 8. I never use any phone 251

		88. Other 6 missing 1980
dem9	How often do you have to ask for permission to use mobile phones?	1. Always 416 2. Most of the times 383 3. Rarely 687 4. Never 393 missing 2231
dem10	From whom do you need to ask for permission?	1. Husband/Male Partner 750 2. Mother/Mother-in-law 35 3. Father/Father-in-law 133 4. Male relative 170 5. Female relative 230 6. Friend 4 7. Children 152 8. I never use any phone 3 88. Other 9 missing 2624
dem11	What is the number of mobile (phone) you use?	Removed in unidentifiable data set
dem12	Do you share the phone with anyone? (Only asked if Dem7 is 'Yes')	0. No 824 1. Yes 1156 missing 2130
dem13	Who do you share most your phone with?	1. Husband/Male Partner 630 2. Mother 93 3. Father/Father-in-law 52 4. Male relative 34 5. Female relative 97 6. Friend 7 7. Children 238 8. I never use any phone 3 88. Other 2 missing 2954

dem14_1	comfortable making a call on their own	0. No 957 1. Yes 3153
dem14_2	comfortable receiving a call	0. No 349 1. Yes 3761
dem14_3	comfortable sending an SMS	0. No 3581 1. Yes 529
dem14_4	comfortable receiving an SMS	0. No 3576 1. Yes 534
dem14_5	comfortable deliberately missing call	0. No 3347 1. Yes 763
dem14_6	comfortable using the internet on phone	0. No 3717 1. Yes 393
dem14_7	comfortable using WhatsApp	0. No 3773 1. Yes 337
dem14_8	comfortable using Facebook on phone	0. No 3874 1. Yes 236
dem14_9	not comfortable doing anything on phone	0. No 3871 1. Yes 239
dem14_88	comfortable doing "other" on phone	0. No 4058 1. Yes 52

dem14_other	unlisted item participant feels comfortable doing on their phone	string
dem15	Can you give us the name and phone number of someone who will always know where you are, in case you move in the next two years?	Removed in unidentifiable data set
dem16	Are you currently a part of a self-help group (SHG)?	0. No 1323 1. Yes 2787
dem17	Has a doctor, nurse, ANM, ASHA, or healthcare provider ever told you that you have anemia?	0. No 3441 1. Yes 669
dem18	Do you currently have anemia or lack of blood?	0. No 2310 1. Yes 220 99. I don't know 1580
dem19	Have you been treated with deworming medication in the past year?	0. No 2953 1. Yes 1128 99. I don't know 29
dem20	Have you had malaria in the past 6 months?	0. No 3508 1. Yes 590 99. I don't know 12
dem21	Have you had diarrhea in the past 4 weeks?	0. No 3238 1. Yes 864 99. I don't know 8
dem22	Do you regularly consume tea at the time of or within an hour of eating a meal (like lunch or dinner)?	0. No 3908 1. Yes 202

AnyQuestion	Thank you for taking the time to answer all my questions today. Do you have any questions for me?	Yes/ହଁ1→Remark No/ନା0
respondent_rating	Please rate how attentive you think the respondent was during this interview	Respondent was very distracted, was not paying attention / ଭଲରଦାତା ଅନ୍ୟ ମନସ୍ଥ ଥିଲେ, ଧ୍ୟାନ ଦେଉନଥିଲେ----- --1 Respondent was paying attention some of the time and not paying attention at other

		times / ଉତ୍ତରଦାତା ବେଳେ ବେଳେ ଧ୍ୟାନ ଦେଉଥିଲେ ଏବଂ ଅନ୍ୟ ସମୟରେ ଧ୍ୟାନ ଦେଉନଥିଲେ-----2 Respondent was fully attentive / ଉତ୍ତରଦାତା ସମ୍ପୂର୍ଣ୍ଣ ଧ୍ୟାନ ଦେଉଥିଲେ----- -----3
--	--	--

Baseline Anthropometric and HemoCue

ANTHRO AND HB

Variable Name	Variable Description	Variable Values	Freq or M (SD)
AN_Lt	name of lab tech that administered measurements	provided upon request	
AN_Coordinator	name of coordinator that oversaw measurements	provided upon request	
AN_date_1	date of the first visit		
AN_time_2	time of the first visit		
AN_age	age of the participant		30.27 (8.89)
AN_preg	is the respondent pregnant	1 pregnant 2 not pregnant missing	193 3894 23
AN_child_present	is there a child present during the measurements	1 child present 2 child not present missing	97 3990 23
AN_child_age	what is the age of the child that is present during the measurements	range 0-6	3.05 (1.82)
AN_weight <i>NOTE: AT MIDLINE, USE mAN_weightr</i>	respondent's weight in kg		48.71 (9.28)
AN_height <i>NOTE: AT MIDLINE, USE mAN_heighttr</i>	respondent's height in cm		150.84 (5.40)
AN_Haem_wra or hb <i>NOTE: AT MIDLINE, USE mHB</i>	hemoglobin measurement		11.38 (1.40)
anemia_levels	respondent's level of anemia, derived from HemoCue. SPSS syntax: <i>Do if AN_preg=2.</i> <i>recode mHb (lo thru 7.999999999 =3) (8</i>	0 no anemia 1 mild anemia 2 moderate anemia 3 severe anemia missing	1483 1345 1185 74 23

	<i>thru 10.99999999 =2) (11 thru 11.99999=1) (12 thru hi=0) into anemia_levels. end if. Do if AN_preg=1. recode mHb (lo thru 6.9999=3) (7 thru 9.9999=2) (10 thru 10.9999=1) (11 thru hi =0) into anemia_levels. end if.</i>		
anemia_binary	binary recode of anemia status SPSS syntax: <i>recode anemia_levels (0=0) (else=1) into anemia_binary.</i>	0 no anemia 1 anemic	1483 2604
BMI	respondent's BMI		21.37 (3.70)

Baseline Cognitive Tests

SRT Data

Variable	Meaning
AvgRT1	The average response time (rt) for all responses within block 1.
AvgRT2	The average response time (rt) for all responses within block 2.
AvgRT3	The average response time (rt) for all responses within block 3.
AvgRT4	The average response time (rt) for all responses within block 4.
AvgRTALL	The average response time for ALL RESPONSES (all 4 blocks).
#2respB1*	Count the number of responses >1 for each trial within block 1.
#2respB2*	Count the number of responses >1 for each trial within block 2.
#2respB3*	Count the number of responses >1 for each trial within block 3.
#2respB4*	Count the number of responses >1 for each trial within block 4.
#2respALL*	Count the number of responses >1 for ALL TRIALS.
*if an individual is only responding when an "x" appears on the screen, their reaction will be marked under the resp2 column. If an individual has an anticipatory reaction prior to the "x" appearing, they have a mark under resp1. #2respB1 → ALL counts the number of times an "x" appears under resp1.	

Baseline Step Test

Variable Name	Variable Description	Variable Values
huic	respondent ID number	
ST_date	date of Step Test	
ST_age	respondent age	
ST_HRM1	Heart rate before step test	HR as continuous #
ST_HRM2	Heart rate at first minute of step test	HR as continuous #
ST_HRM3	Heart rate at second minute of step test	HR as continuous #
ST_HRM4	Heart rate at third minute of step test	HR as continuous #
ST_HRM5	Heart rate at 30 seconds after step test	HR as continuous #
ST_HRM6	Heart rate at 60 seconds after the step test	HR as continuous #
ST_testStatus	Did the respondent complete the Step test?	1 Yes 2 No
ST_lap_min	Respondent discontinued at what minute	# of whole minutes
ST_lap_sec	Respondent discontinued at what second	# of seconds, not including whole minutes
ST_lap_total seconds	total number of seconds before the respondent discontinued test (combination of ST_lap_min and ST_lap_sec). SPSS synta: <i>Compute MST_lap_total =MST_lap_min*60 + MST_lap_sec.</i>	# of seconds