

Ethiopian ACAM baseline study data - codebook

Permanent identifier

<https://doi.org/10.17037/DATA.00002658>

Data Creators

Mengistie, M, Arefayne, M, Nigatu, T, Abdissa, A, Anujuo, K and Kerac, M

Description

ACAM is an existing prospective cohort of wasting treatment survivors in Ethiopia which has been followed-up post-discharge after been identified as severely malnourished and treated with therapeutic food. Population cohort includes malnourished children treated in outpatient care in 2014-15. Included in the study are children with WLZ <70% median (NCHS reference), and/or MUAC<110 mm and/or bilateral oedema, admitted to OTP and discharged as cured.

Data is from a follow up study on Assessment of Long-Term Health Consequences of Acute Malnutrition (ACAM) carried out between 2013 and 2015 in rural districts of Jimma Zone, Ethiopia. Five regions were covered including: Dedo, Mana, Omonada, Seka and Tiro Afeta. The data includes household survey including socio-economic status for the whole participants and anthropometric measures, blood pressure, Body composition, and laboratory test results for a sub-sample of 100 cases (POST SAM) and 100 controls (Non SAM).

Description of data capture

Interviewer administered questionnaire was used as a data collection tool. Data collection was done by diploma/degree level trained data collectors using a face-to-face interview in the local language. Data generated through household survey on the entire study subjects and anthropometric measurements on the sub-sample were combined using a subject specific identifier (ID). Then the raw variables have been used to create new variables based on the type of analysis used.

Data access

Data management and access arrangements for this dataset are handled in-country by the study investigators at Jimma University, in accordance with the study ethics approvals. This dataset is not held in the LSHTM repository.

Please read the data codebook and make a note of variables that you wish to request prior to applying for access. Access requests submitted through the LSHTM repository will be passed onto the relevant research team for follow-up.

Please note that the study team can only provide access to fully anonymised data, subject to eligibility criteria being met. The study will not provide access to any personal or confidential information that has been collected.

Ethiopian ACAM baseline study codebook

The following data table outlines variables contained within the source 'Ethiopian ACAM baseline study' dataset. However, as noted above, the dataset has not been deposited to the LSHTM repository and staff are unable to verify its completeness or accuracy. Please refer all questions to the research team.

Name	Label	Type	Format	Value label
Date_Data_Coll	Date of Data collection	long	%d	
q11d	Data collector's code	long	%2.0f	
Child_ID	Child ID number	double	%6.0f	
study_Group	Study Group	long	%1.0f	All children are cases (Post SAM)
Latitude	Latitude	long	%6.0f	
Longitude	Longitude	long	%6.0f	
Altitude	Altitude	long	%5.0f	
Accuracy	Accuracy	int	%3.0f	
Sex	Sex	float	%1.0f	1=male;2=female

Age_y	Age (YEARS)	double	%5.2f	
DOB_ET	Date of birth in ET	long	%d	
DOB_Source	Source of date of birth	byte	%1.0f	LABEL_Q24
q26	School Attendance	byte	%1.0f	LABEL_Q26
Marital_Resp...	Marital status	byte	%1.0f	LABEL_Q35
q36	Age at first marriage	byte	%2.0f	
Scooling_parent	Ever attended formal school	byte	%1.0f	0=no; 1= yes
q37a1	Elementary school/High school/Preparatory school	byte	%1.0f	0=no; 1= yes
q37a2	Numbers years at school	byte	%2.0f	
q37b1	Technical and Vocational Teaching/College/University	byte	%1.0f	0=no; 1= yes
q37b2	Years at college	byte	%1.0f	
Birth_Order	Birth order of particip...	byte	%2.0f	
Religion_Res...	Religion of the respondent	byte	%2.0f	1= Muslim; 2=Orthodox; 3=Protestant
Wealth_item1	Own house	byte	%1.0f	0=No; 1= yes
Wealth_item2	Diesel water pump	byte	%1.0f	0=No; 1= yes
Wealth_item3	Radio	byte	%1.0f	0=No; 1= yes
Wealth_item4	Television	byte	%1.0f	0=No; 1= yes
Wealth_item5	Watch/clock	byte	%1.0f	0=no; 1=yes
Wealth_item6	Mobile telephone	byte	%1.0f	0=no; 1=yes
Wealth_item7	Non-mobile telephone	byte	%1.0f	0=no; 1=yes
Wealth_item8	Refrigerator	byte	%1.0f	0=no; 1=yes
Wealth_item9	Table	byte	%1.0f	0=no; 1=yes
Wealth_item10	Chair	byte	%1.0f	0=no; 1=yes
Wealth_item11	Bed with sponge mattress	byte	%1.0f	0=no; 1=yes
Wealth_item12	Bed with straw mattress	byte	%1.0f	0=no; 1=yes
Wealth_item14	Electric stove/Mitad	byte	%1.0f	0=no; 1=yes
Wealth_item15	Kerosene lamp	byte	%1.0f	0=no; 1=yes
Wealth_item16	Pressure lamp	byte	%1.0f	0=no; 1=yes
Wealth_item17	Kerosene stove	byte	%1.0f	0=no; 1=yes
Wealth_item18	Bicycle	byte	%1.0f	0=no; 1=yes
Wealth_item19	Motorcycle	byte	%1.0f	0=no; 1=yes
Wealth_item20	Animal-drawn cart	byte	%1.0f	0=no; 1=yes
Wealth_item21	Car or truck	byte	%1.0f	0=no; 1=yes
Wealth_item22	Bajaj	byte	%1.0f	0=no; 1=yes
Wealth_item23	Solar Panel	byte	%1.0f	0=no; 1=yes
Wealth_item24	Mill house/Machine	byte	%1.0f	0=no; 1=yes
Wealth_item25	Electric power/Generator	byte	%1.0f	0=no; 1=yes
Wealth_item26	Sewing machine	byte	%1.0f	0=no; 1=yes
Wealth_item27	Land for growing coffee	byte	%1.0f	0=no; 1=yes
Wealth_item28	Land for growing Chat	byte	%1.0f	0=no; 1=yes
Wealth_item29	Plow oxen	int	%3.0f	0=no; 1=yes

Wealth_item30	Cows	int	%3.0f	0=no; 1=yes
Wealth_item31	Calves	int	%3.0f	0=no; 1=yes
Wealth_item32	Bulls/heifer	int	%3.0f	0=no; 1=yes
Wealth_item33	Sheep and goats	int	%3.0f	0=no; 1=yes
Wealth_item34	Horse, donkey, mules	int	%3.0f	0=no; 1=yes
Wealth_item35	Chicken	int	%3.0f	0=no; 1=yes
Wealth_item36	Bee hives/with bee	int	%3.0f	0=no; 1=yes
Wealth_item37a	Size of agricultural land	double	%5.2f	0=no; 1=yes
Wealth_item37b	Unit	byte	%1.0f	0=no; 1=yes
Wealth_item38	Primary source of income	byte	%2.0f	0=no; 1=yes
Wealth_item39	Secondary source of Income	byte	%2.0f	0=no; 1=yes
Wealth_item40	Place for cooking	byte	%1.0f	0=no; 1=yes
Wealth_item41	Main type of fuel for c...	byte	%1.0f	0=no; 1=yes
Wealth_item42	Main material of the roof	byte	%1.0f	0=no; 1=yes
Wealth_item43	Main material of the wall	byte	%1.0f	0=no; 1=yes
Wealth_item44	Main material of the Floor	byte	%1.0f	0=no; 1=yes
Wealth_item45	Number of rooms in the ...	byte	%2.0f	0=no; 1=yes
Wealth_item46	Current main source of ...	byte	%26.0f	0=no; 1=yes
gc_dob	Date of birth (orginal ...	str9	%9s	
agecal1	Child age from DOB of H...	double	%10.0g	
AGEtot	Child age in months (co...	float	%9.0g	
agetot	AGEtot	float	%8.0g	
age0	Age at recruitment	byte	%8.0g	
wm0	Weight at recruitment	double	%5.2f	
hm0	Height at recruitment	double	%5.1f	
muacm1	MUAC at follow up month 1	double	%4.1f	
wm1	Weight at follow up mon...	double	%5.2f	
hm1	Height at follow up mon...	double	%5.1f	
muacm2	MUAC at follow up month 2	double	%4.1f	
wm2	Weight at follow up mon...	double	%5.2f	
hm2	Height at follow up mon...	double	%5.1f	
muacm3	MUAC at follow up month 3	double	%4.1f	
wm3	Weight at follow up mon...	double	%5.2f	
hm3	Height at follow up mon...	double	%5.1f	
muacm4	MUAC at follow up month 4	double	%4.1f	
wm4	Weight at follow up mon...	double	%5.2f	
hm4	Height at follow up mon...	double	%5.1f	
muacm5	MUAC at follow up month 5	double	%4.1f	
wm5	Weight at follow up mon...	double	%5.2f	
hm5	Height at follow up mon...	double	%5.1f	

muacm6	MUAC at follow up month 6	double	%4.1f	
wm6	Weight at follow up mon...	double	%5.2f	
hm6	Height at follow up mon...	double	%5.1f	
muacm7	MUAC at follow up month 7	double	%4.1f	
wm7	Weight at follow up mon...	double	%5.2f	
hm7	Height at follow up mon...	double	%5.1f	
muacm8	MUAC at follow up month 8	double	%4.1f	
wm8	Weight at follow up mon...	double	%5.2f	
hm8	Height at follow up mon...	double	%5.1f	
muacm9	MUAC at follow up month 9	double	%4.1f	
wm9	Weight at follow up mon...	double	%5.2f	
hm9	Height at follow up mon...	double	%5.1f	
muacm10	MUAC at follow up month 10	double	%4.1f	
wm10	Weight at follow up mon...	double	%5.2f	
hm10	Height at follow up mon...	double	%5.1f	
muacm11	MUAC at follow up month 11	double	%4.1f	
wm11	Weight at follow up mon...	double	%5.2f	
hm11	Height at follow up mon...	double	%5.1f	
muacm12	MUAC at follow up month 12	double	%4.1f	
wm12	Weight at follow up mon...	double	%5.2f	
hm12	Height at follow up mon...	double	%5.1f	
brfeed_sco12	Breast feeding score	byte	%9.0g	
GC_ssdate_1st	subsample survey date, ...	int	%dM_d,_CY	
height1	1 height for subsample ...	double	%6.2f	
weight1	1 weight for subsample ...	double	%4.1f	
imp5khz11	impedance at 5khz, 1st ...	int	%4.0f	LABEL_BIAAA1
imp5khz21	impedance at 5khz, 2st ...	int	%4.0f	LABEL_BIAAA2
imp5khz31	impedance at 5khz, 3st ...	int	%4.0f	LABEL_BIAAA3
imp50khz11	impedance at 50khz, 1st...	int	%4.0f	LABEL_BIAAB1
imp50khz21	impedance at 50khz, 2st...	int	%4.0f	LABEL_BIAAB2
imp50khz31	impedance at 50khz, 3rd...	int	%4.0f	LABEL_BIAAB3
imp100khz11	impedance at 100khz, 1s...	int	%4.0f	LABEL_BIAAC1
imp100khz21	impedance at 100khz, 2n...	int	%4.0f	LABEL_BIAAC2
imp100khz31	impedance at 100khz, 3r...	int	%4.0f	LABEL_BIAAC3
imp200khz11	impedance at 200khz, 1s...	int	%4.0f	LABEL_BIAAD1

imp200khz21	impedance at 200khz, 2n...	int	%4.0f	LABEL_BIAAD2
imp200khz31	impedance at 200khz, 3r...	int	%4.0f	LABEL_BIAAD3
resi50khz11	Resistance at 50khz, 1s...	int	%4.0f	LABEL_BIABA1
resi50khz21	Resistance at 50khz, 2n...	int	%4.0f	LABEL_BIABA2
resi50khz31	Resistance at 50khz, 3r...	int	%4.0f	LABEL_BIABA3
react50khz11	Reactance at 50khz, 1st...	double	%5.1f	
react50khz21	Reactance at 50khz, 2nd...	double	%5.1f	
react50khz31	Reactance at 50khz, 3rd...	double	%5.1f	
phas50khz11	Phase angle at 50khz, 1...	double	%4.1f	
phas50khz21	Phase angle at 50khz, 2...	double	%4.1f	
phas50khz31	Phase angle at 50khz, 3...	double	%4.1f	
fatper11	Fat percentage, 1st trail	double	%4.1f	
fatper21	Fat percentage, 2nd trail	double	%4.1f	
fatper31	Fat percentage, 3rd trail	double	%4.1f	
fatmass11	Fat mass, 1st trail	double	%4.1f	
fatmass21	Fat mass, 2nd trail	double	%4.1f	
fatmass31	Fat mass, 3rd trail	double	%4.1f	
leanmass11	lean mass percentage, 1...	double	%4.1f	
leanmass21	lean mass percentage, 2...	double	%4.1f	
leanmass31	lean mass percentage, 3...	double	%4.1f	
leankg11	lean mass, kg, 1st trail	double	%4.1f	
leankg21	lean mass, kg, 2nd trail	double	%4.1f	
leankg31	lean mass, kg, 3rd trail	double	%4.1f	
tbwperc11	Total body water percen...	double	%4.1f	
tbwperc21	Total body water percen...	double	%4.1f	
tbwperc31	Total body water percen...	double	%4.1f	
tbwlit11	Total body water, litr,...	double	%4.1f	
tbwlit21	Total body water, litr,...	double	%4.1f	
tbwlit31	Total body water, litr,...	double	%4.1f	
imp5khz11_ave	impedance at 5khz, average	float	%9.0g	
imp50khz11_ave	impedance at 50khz, ave...	float	%9.0g	
imp100khz11_ave	impedance at 100khz, av...	float	%9.0g	
imp200khz11_ave	impedance at 200khz, av...	float	%9.0g	
resi50khz11_ave	Resistance at 50khz, av...	float	%9.0g	
react50khz11...	Reactance at 50khz, ave...	float	%9.0g	
phas50khz11_ave	Phase angle at 50khz, a...	float	%9.0g	
fatper11_ave	Fat persentage, average	float	%9.0g	
fatmass11_ave	Fat mass, average	float	%9.0g	
leanmass11_ave	lean mass percentage, a...	float	%9.0g	
leankg11_ave	lean mass, kg,average	float	%9.0g	
tbwperc11_ave	Total body water percen...	float	%9.0g	
tbwlit11_ave	Total body water, litr,...	float	%9.0g	
tricep1_1r	Triceps_1st trail_1st r...	double	%4.1f	
tricep2_1r	Triceps_2nd trail_1st r...	double	%4.1f	
tricep3_1r	Triceps_3rd trail_1st r...	double	%4.1f	
bicep1_1r	Biceps_1st trail_1st r...	double	%4.1f	
bicep2_1r	Biceps_2nd trail_1st r...	double	%4.1f	
bicep3_1r	Biceps_3rd trail_1st r...	double	%4.1f	

subscap1_1r	Subscapular_1st trail ...	double	%4.1f	
subscap2_1r	Subscapular_2nd trail1...	double	%4.1f	
subscap3_1r	Subscapular_3rd trail1...	double	%4.1f	
supillac1_1r	Suprailliac_1st trail1...	double	%4.1f	
supillac2_1r	Suprailliac_2nd trail1...	double	%4.1f	
supillac3_1r	Suprailliac_3rd trail1...	double	%4.1f	
triceps_1r_ave	Average triceps, 1st round	float	%9.0g	
biceps_1r_ave	Average biceps, 1st round	float	%9.0g	
subscap_1r_ave	Average subscapular, 1...	float	%9.0g	
supillac1_1r...	Average suprailliac, 1s...	float	%9.0g	
hb1_1r	Haemoglobin level 1st_t...	double	%4.1f	
hb2_1r	Haemoglobin level 2nd_t...	double	%4.1f	
hb3_1r	Haemoglobin level 3rd_t...	double	%4.1f	
GC_ssdate_2nd	subsample survey date, ...	int	%dM_d,_CY	
height2	2 height for subsample ...	double	%6.2f	
weight2	2 weight for subsample ...	double	%4.1f	
imp5khz12	impedance at 5khz, 1st ...	int	%4.0f	LABEL_BIAAA1
imp5khz22	impedance at 5khz, 2st ...	int	%4.0f	LABEL_BIAAA2
imp5khz32	impedance at 5khz, 3st ...	int	%4.0f	LABEL_BIAAA3
imp50khz12	impedance at 50khz, 1st...	int	%4.0f	LABEL_BIAAB1
imp50khz22	impedance at 50khz, 2st...	int	%4.0f	LABEL_BIAAB2
imp50khz32	impedance at 50khz, 3rd...	int	%4.0f	LABEL_BIAAB3
imp100khz12	impedance at 100khz, 1s...	int	%4.0f	LABEL_BIAAC1
imp100khz22	impedance at 100khz, 2n...	int	%4.0f	LABEL_BIAAC2
imp100khz32	impedance at 100khz, 3r...	int	%4.0f	LABEL_BIAAC3
imp200khz12	impedance at 200khz, 1s...	int	%4.0f	LABEL_BIAAD1
imp200khz22	impedance at 200khz, 2n...	int	%4.0f	LABEL_BIAAD2
imp200khz32	impedance at 200khz, 3r...	int	%4.0f	LABEL_BIAAD3
resi50khz12	Resistance at 50khz, 1s...	int	%4.0f	LABEL_BIABA1
resi50khz22	Resistance at 50khz, 2n...	int	%4.0f	LABEL_BIABA2
resi50khz32	Resistance at 50khz, 3r...	int	%4.0f	LABEL_BIABA3
react50khz12	Reactance at 50khz, 1st...	double	%5.1f	
react50khz22	Reactance at 50khz, 2nd...	double	%5.1f	
react50khz32	Reactance at 50khz, 3rd...	double	%5.1f	
phas50khz12	Phase angle at 50khz, 1...	double	%4.1f	
phas50khz22	Phase angle at 50khz, 2...	double	%4.1f	
phas50khz32	Phase angle at 50khz, 3...	double	%4.1f	
fatper12	Fat percentage, 1st tra...	double	%4.1f	
fatper22	Fat percentage, 2nd tra...	double	%4.1f	
fatper32	Fat percentage, 3rd tra...	double	%4.1f	
fatmass12	Fat mass, 1st trail, ro...	double	%4.1f	
fatmass22	Fat mass, 2nd trail, ro...	double	%4.1f	
fatmass32	Fat mass, 3rd trail, ro...	double	%4.1f	
leanmass12	lean mass percentage, 1...	double	%4.1f	
leanmass22	lean mass percentage, 2...	double	%4.1f	

leanmass32	lean mass percentage, 3...	double	%4.1f	
leankg12	lean mass, kg, 1st trai...	double	%4.1f	
leankg22	lean mass, kg, 2nd trai...	double	%4.1f	
leankg32	lean mass, kg, 3rd trai...	double	%4.1f	
tbwperc12	Total body water percen...	double	%4.1f	
tbwperc22	Total body water percen...	double	%4.1f	
tbwperc32	Total body water percen...	double	%4.1f	
tbwlit12	Total body water, liter,...	double	%4.1f	
tbwlit22	Total body water, liter,...	double	%4.1f	
tbwlit32	Total body water, liter,...	double	%4.1f	
imp5khz12_ave	impedance at 5khz, average	float	%9.0g	
imp50khz12_ave	impedance at 50khz, ave...	float	%9.0g	
imp100khz12_ave	impedance at 100khz, av...	float	%9.0g	
imp200khz12_ave	impedance at 200khz, av...	float	%9.0g	
resi50khz12_ave	Resistance at 50khz, av...	float	%9.0g	
react50khz12...	Reactance at 50khz, ave...	float	%9.0g	
phas50khz12_ave	Phase angle at 50khz, a...	float	%9.0g	
fatper12_ave	Fat percentage, average	float	%9.0g	
fatmass12_ave	Fat mass, average	float	%9.0g	
leanmass12_ave	lean mass percentage, a...	float	%9.0g	
leankg12_ave	lean mass, kg, average	float	%9.0g	
tbwperc12_ave	Total body water percen...	float	%9.0g	
tbwlit12_ave	Total body water, liter,...	float	%9.0g	
tricep1_2r	Triceps_1st trail_2nd r...	double	%4.1f	
tricep2_2r	Triceps_2nd trail_2nd r...	double	%4.1f	
tricep3_2r	Triceps_3rd trail_2nd r...	double	%4.1f	
bicep1_2r	Biceps_1st trail_2nd r...	double	%4.1f	
bicep2_2r	Biceps_2nd trail_2nd r...	double	%4.1f	
bicep3_2r	Biceps_3rd trail_2nd r...	double	%4.1f	
subscap1_2r	Subscapullar_1st trail ...	double	%4.1f	
subscap2_2r	Subscapullar_2nd trail ...	double	%4.1f	
subscap3_2r	Subscapullar_3rd trail ...	double	%4.1f	
supillac1_2r	Suprailliac_1st trail2...	double	%4.1f	
supillac2_2r	Suprailliac_2nd trail2...	double	%4.1f	
supillac3_2r	Suprailliac_3rd trail2...	double	%4.1f	
tricep_2r_ave	Average triceps, 2nd round	float	%9.0g	
bicep_2r_ave	Average biceps, 2nd round	float	%9.0g	
subscap1_2r_ave	subscapullar, 2...	float	%9.0g	
supillac1_2r...	Average suprailliac, 2n...	float	%9.0g	