

Ethiopian ACAM 5 year follow-up study data - codebook

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Data Creators

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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 5 year followup study codebook

The following data table outlines variables contained within the 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 |
|-----------------|----------------------------|-------|--------|------------------------------|
| childid | study ID number | long | %10.0g | |
| Sex | Sex of the child | str6 | %9s | 1=male; 2 = female |
| DateOfcoll | Date of collection | long | %d | |
| Diarrhea | Diaharia symptoms | byte | %1.0f | 0=No(absent); 1=Yes(present) |
| Fever | Fever | byte | %1.0f | 0=No(absent); 1=Yes(present) |
| Oedema | Oedema | byte | %1.0f | 0=No(absent); 1=Yes(present) |
| OtherSympt | Other complaints | str24 | %24s | 0=No(absent); 1=Yes(present) |
| Pre_fasting | Fasting for 30 minutes? | byte | %1.0f | 0=No; 1=Yes |
| Urinated_Bef... | t urinated before the test | byte | %1.0f | 0=No; 1=Yes |

| | | | | |
|-----------------|----------------------------|--------|-------|-------------|
| Time_predose | predose saliva sample time | double | %5.2f | |
| Pre_saliv_vol | saliva sample, volume (ml) | double | %4.1f | |
| Pre_dos_weight | predose weight | double | %5.2f | |
| Dosing_time | dosing time | double | %5.2f | |
| Bottle_Code | Bottle code | int | %3.0f | |
| Number_dose | number of doses (bottles) | byte | %1.0f | |
| D2O_Wt | exact weight of D2O | double | %5.2f | |
| Vol_water_Risng | water for rinsing (ml) | byte | %2.0f | |
| Dose_intake_... | dose intake pattern | byte | %1.0f | |
| Post_dose_fa... | post-dosing fasting | byte | %1.0f | 0=No; 1=Yes |
| number_liq_s... | liquid stools number du... | byte | %2.0f | |
| number_pass_... | times urinated during e... | byte | %2.0f | |
| number_vomit | vNumber of vomit during... | byte | %2.0f | |
| number_liq_i... | liquid intake during e... | int | %3.0f | |
| psst_dose_fa... | Fasting for post-dose s... | byte | %1.0f | |
| tpostsaliva | postdose sampling time | double | %5.2f | |
| postsalvol | post-dose s sample volu... | double | %4.1f | |
| deut_proc_com | Deuterium procedure com... | str22 | %22s | |
| bloodcol | Blood collector's code | byte | %2.0f | |
| blood_Collected | Blood sample collected | byte | %1.0f | |
| yellowtube | Serum tube (yellow top)? | byte | %1.0f | |
| EDTAtube | EDTA tube (lavender top)? | byte | %1.0f | |
| reason_no_blood | No blood collection rea... | str19 | %19s | |
| blood_Sam_com | Comment on blood sample... | str23 | %23s | |
| CBIAcol | BIA collector's code | byte | %2.0f | |
| device | BIA machine code | byte | %1.0f | |
| testnum1 | BIA test1 Number | int | %4.0f | |
| res50k1 | Resistance at 50Khz test1 | int | %4.0f | |
| react50k1 | Reactance at 50 Khz test1 | double | %5.2f | |
| phaseA1 | Phase angle test1 | double | %4.1f | |
| imp5k1 | Impedance at 5kHz test1 | int | %4.0f | |
| imp50k1 | l,pedance at 50 kHz test1 | int | %4.0f | |
| imp100k1 | Impedance at 100 kHz test1 | int | %4.0f | |
| imp200k1 | Impedance at 200kHz test1 | int | %4.0f | |
| testnum2 | BIA test2 Number | int | %4.0f | |
| resi50k2 | Resistance at 50Khz test2 | int | %4.0f | |
| react50k2 | Reactance at 50 Khz test2 | double | %5.2f | |
| phaseA2 | Phase angle test2 | double | %4.1f | |
| imp5k2 | Impedance at 5kHz test2 | int | %4.0f | |
| imp50k2 | l,pedance at 50 kHz test2 | int | %4.0f | |
| imp100k2 | Impedance at 100 kHz test2 | int | %4.0f | |

| | | | | |
|--------------|----------------------------|--------|-------|--|
| imp200k2 | Impedance at 200kHz test2 | in | %4.0f | |
| testnum3 | BIA test3 Number | int | %4.0f | |
| resi50k3 | Resistance at 50Khz test3 | int | %4.0f | |
| reac50k3 | Reactance at 50 Khz test3 | double | %5.2f | |
| phaseA3 | Phase angle test3 | double | %4.1f | |
| imp5k3 | Impedance at 5kHz test3 | int | %4.0f | |
| imp50k3 | Impedance at 50 kHz test3 | int | %4.0f | |
| imp100k3 | Impedance at 100 kHz test3 | int | %4.0f | |
| imp200k3 | Impedance at 200kHz test3 | int | %4.0f | |
| BPsystemic1 | Systolic BP test1 | int | %3.0f | |
| BPdiastolic1 | Diastolic BP test1 | int | %3.0f | |
| BPsystemic2 | Systolic BP test2 | int | %3.0f | |
| BPdiastolic2 | Diastolic BP test2 | int | %3.0f | |
| birthDate | Date of birth | long | %d | |
| wbc | WBC | double | %5.2f | |
| RDC | RDC | double | %5.2f | |
| HB | HB | double | %4.1f | |
| hct | HCT | double | %4.1f | |
| mcv | MCV | double | %5.1f | |
| mch | MCH | double | %4.1f | |
| mchc | MCHC | double | %4.1f | |
| Platelet | Platelet | int | %3.0f | |
| lymph | Lymphocytes | double | %4.1f | |
| mixed | Mixed | double | %4.1f | |
| neut | Neutro | double | %4.1f | |
| lymph1 | lymph1 | double | %5.2f | |
| mixed1 | mixed1 | double | %5.2f | |
| neut1 | neut1 | double | %5.2f | |
| rdwsd | rdwsd | double | %4.1f | |
| rdwcv | rdwcv | double | %4.1f | |
| pdw | pdw | double | %4.1f | |
| mpv | mpv | double | %4.1f | |
| plcr | plcr | double | %4.1f | |
| hba1c | HbA1c | double | %4.1f | |
| hscrp | HS-CRP | double | %4.1f | |
| glucose | Glycemia | double | %5.1f | |
| insulin | Insulin | double | %4.1f | |
| hdl | HDL | double | %5.1f | |
| ldl | LDL | double | %5.1f | |
| triglyceri | Triglycerides | double | %5.1f | |
| Cholesterol | Total Cholesterol (mg/dL) | double | %5.1f | |
| creatinine | Creatinine | double | %4.1f | |
| urea | Urea | double | %4.1f | |
| cpeptiden | C-peptide | double | %4.1f | |
| iron | Iron | double | %4.1f | |

| | | | | |
|-----------------|-------------------------------|--------|-------|--|
| ferritin | Ferritin | double | %5.1f | |
| agp | Alpha-Acid Glycoprotein | double | %5.1f | |
| leptin | leptin | double | %5.1f | |
| agey | Age (YEARS) on the assessment | double | %5.2f | |
| gc_data_coll | Sub Survey date | str9 | %9s | |
| gc_dob | Date of birth in EC | str9 | %9s | |
| agedob | Calculated age (DOB) | float | %8.0g | |
| ssfile | substudy data available | float | %9.0g | |
| AGEtot | Child age in months | float | %9.0g | |
| q13 | Study Group | long | %1.0f | |
| gc_dob1 | Date of birth in gc | str9 | %9s | |
| Age_mo_1 | Child age in months | float | %9.0g | |
| HTimp | HTimp | float | %9.0g | |
| muaca | MUAC1 | int | %3.0f | |
| muacb | MUAC2 | int | %3.0f | |
| Hd_circ_a | HEAD CIRCUMFERENCE1 | double | %4.1f | |
| Hd_circ_b | HEAD CIRCUMFERENCE2 | double | %4.1f | |
| C_circ_a | CHEST CIRCUMFERENCE1 | double | %4.1f | |
| C_circ_b | CHEST CIRCUMFERENCE2 | double | %4.1f | |
| W_circ_a | WAIST CIRCUMFERENCE1 | double | %4.1f | |
| W_circ_b | WAIST CIRCUMFERENCE2 | double | %4.1f | |
| Hp_circ_a | HIP CIRCUMFERENCE1 | double | %4.1f | |
| Hp_circ_b | HIP CIRCUMFERENCE2 | double | %4.1f | |
| Cf_circ_a | CALF CIRCUMFERENCE1 | double | %4.1f | |
| Cf_circ_b | CALF CIRCUMFERENCE2 | double | %4.1f | |
| Oedema7 | OEDEMA | float | %1.0f | |
| Weight_child_a | CHILD WEIGHT1 | double | %5.2f | |
| Weight_child_b | CHILD WEIGHT2 | double | %5.2f | |
| Height_child_a | STANDING HEIGHT1 | double | %5.1f | |
| Height_child_b | STANDING HEIGHT2 | double | %5.1f | |
| Height_child... | SITTING HEIGHT1 | double | %5.1f | |
| Height_child... | SITTING HEIGHT2 | double | %5.1f | |
| Leg_length_c... | Child LEG length1 | double | %4.1f | |
| Leg_length_c... | Child LEG length2 | double | %4.1f | |
| maternal_wei... | Mother weight1 | double | %6.2f | |
| maternal_wei... | Mother weight2 | double | %6.2f | |
| maternal_hei... | Mother height1 | double | %5.1f | |
| maternal_hei... | Motherr Height2 | double | %5.1f | |
| Maternal_MUAC1 | Mother MUAC1 | float | %3.0f | |
| Maternal_MUAC2 | Mother MUAC2 | int | %3.0f | |