ReadMe File to support datasets:

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Project title: Prevalence and speciation of brucellosis in febrile patients from a pastoralist community of Tanzania

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The two excel files described below include all for the data fields included in the analyses presented in the paper, except for any fields where inclusion might compromise participant anonymity. Further description of all of the data fields is given in the main text and/or questionnaire copy included in the supplementary materials.

SciRep\_Brucella\_IndividualLevelData\_24Mar2020 contains data at the level of the individuals participating in this study.

Metadata includes: the unique study ID for the participants enrolled in the study (IndividualID, this variable corresponds exactly to the IndividualID variable in the file SciRep\_Brucella\_ CultureLevelData \_24Mar2020), the indicator of *Brucella* blood culture test result (CultureResult), the indicator of collection of acute phase serum (SE1Coll\_Acute), the indicator of collection of convalescent phase serum (SC1Coll\_Conv), the serum agglutination test result for the acute serum expressed in International Units where 1 is the set value for all negative results (SAT\_IntUnit\_Acute), the serum agglutination test result for the convalescent serum expressed in International Units where 1 is the set value for all negative results (SAT\_IntUnit\_Conv), the indicator of seroconversion between acute and convalescent samples (SAT\_SeroConv), the indicator for either SAT result meeting criteria for probable brucellosis (SAT\_EitherProb), the indicator for the acute sample SAT result meeting criteria for probable brucellosis (SAT\_AcuteProb), the indicator for the convalescent sample SAT result meeting criteria for probable brucellosis (SAT\_ConvProb), the indicator for the brucellosis case status of the individual including confirmed cases (Status\_ConfPos), the indicator for the brucellosis case status of the individual including probable cases (Status\_ProbPos), the indicator of the brucellosis case status of the individual reported - including confirmed and probable cases (BrucellosisCase), individual sex (Q\_Sex), age in years (Q\_Age), indicator of reported fever in the 2 weeks prior to enrolment (Q\_fever\_2wks), indicator of fever type (Q\_fever\_type), indicator of fever duration (Q\_fever\_duration), indicator of current night sweats (Q\_nsweats\_current), indicator of current joint pain (Q\_jointpain\_current), indicator of current swollen joints (Q\_swollenjoints\_current), indicator of current muscle pain (Q\_musclepain\_current), indicator of current back pain (Q\_backpain\_current), indicator of current headache (Q\_headache\_current), indicator of current loss of appetite (Q\_appetite\_current), indicator of assisting livestock parturition (Q\_birthing\_py), indicator of milking livestock (Q\_milkedanimals\_py), indicator of herding livestock (Q\_herded\_py), indicator of contact with livestock waste (Q\_waste\_animals\_py), indicator of consumption of raw meat, offal or blood from cattle, sheep and/or goats (Q\_rawmeat\_py), indicator of livestock abortions in herd or flock (Q\_abort\_liv\_py), indicator of consumption of raw dairy products from cattle, sheep and/or goats (Q\_rawdairy\_py), indicator of slaughtering or butchering livestock (Q\_slaughter\_py), indicator of whether brucellosis was included in the presumptive diagnosis at hospital presentation (C\_PreDiag\_Bru), indicator of hospital admission (C\_AdmissionSheet), indicator of whether individuals were prescribed a drug regimen consistent with treatment for brucellosis at their initial visit (C\_BruConsistTreat) and indicator of the individuals malaria test result (C\_Malaria).

SciRep\_Brucella\_CultureLevelData\_24Mar2020 contains data at the level of the blood culture bottles collected for this study.

Metadata includes: the unique study ID for the participants enrolled in the study (IndividualID, this variable corresponds exactly to the IndividualID variable in the file SciRep\_Brucella\_IndividualLevelData\_24Mar2020), the indicator ID for all *Brucella* culture positive individuals observed in the study (BruCultureID), the culture bottle type (CultureBottle) with abbreviations as given in Table 2 of the paper, the indicator variable for the combination of *Brucella* culture status and volume adequacy of each bottle (Brucella\_Result\_Adequacy), the name of any bacteria identified (BacteriaName), the classification of identified bacteria as likely contaminants or not (Contaminant), the indicator of the volume adequacy of each bottle with 1 = adequate and 0 = not adequate (VolumeAdequacy) and the species of *Brucella* identified in *Brucella* positive bottles (BrucellaSpecies).