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Project title: Performance characteristics and cost of serological tests for brucellosis in a pastoralist community of northern Tanzania

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The excel file described below includes all descriptors 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.

SciRep\_SubmissionDataset\_11Feb2021.csv contains data at the level of the individual samples used in this study.

Metadata includes: the individual identifier of the parent study’s published dataset (IndividualID, Bodenham *et al*., 2020 datacite DOI: 10.5525/gla.researchdata.978), the randomized unique study ID for the serum samples used in the study (SampleID), the result of the RBT with no pre-dilution (RBT1\_2), the result of the RBT with 1/2 pre-diluted serum (RBT1\_4), the result of the RBT with 1/4 pre-diluted serum (RBT1\_8), the result of the RBT with 1/8 pre-diluted serum (RBT1\_16), the result of the RBT with1/16 pre-diluted serum (RBT1\_32), the result of the RBT with 1/32 pre-diluted serum (RBT1\_64), the result of the RBT with 1/64 pre-diluted serum (RBT1\_128), the result of the RBT with 1/128 pre-diluted serum (RBT1\_256), the result of the commercial tile agglutination test (Amitech), the result of the commercial tile agglutination test (Arkray), the result of the commercial tile agglutination test (Eurocell), the result of the commercial tile agglutination test (Fortress), the raw optical density readings for the ELISA test (ELISAOD), an adjusted OD reading with reference to the OD of blank control wells (ODComp), an indicator of the corresponding categorical result of the ELISA readings using the study estimated cut-off of 56.0% (ELISAResult), the indicator of *Brucella* blood culture test result (CultureResult), the indicator of either a SAT titer ≥ 1:160 or a four-fold or greater rise (SATCase), the indicator of the brucellosis case status of the individual reported - including confirmed and probable cases (BrucellosisCase), individual sex (Sex), an indicator of the participant’s approximate age in years at presentation (ApproxAgePresentation), indicator of whether brucellosis was included in the presumptive diagnosis at hospital presentation (PreDiag\_Bru), indicator of whether any respiratory disease was included in the presumptive diagnosis at hospital presentation (AnyRespPreDiag).