ReadMe File to support datasets:

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Project title: Prevalence and risk factors for Q fever, spotted fever group rickettsioses, and typhus group rickettsioses in a pastoralist community of northern Tanzania, 2016-2017

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The csv file described below includes 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.

FINAL\_EndulenQRickettsiaData contains data at the level of the individuals participating in this study.

Metadata includes:

the (anonmymised) unique study ID for the participants enrolled in the study (newID), participant sex (sex), approximate age in years at study enrolment (approxagepresentation), the season in which the participant presented to care (season); whether the participant had a high or low risk occupation (occupation\_risk)

whether the patient met case definition for: probable Q fever (prob\_Q), confirmed Q fever (sero\_Q), either probable or confirmed Q fever (acute\_Q), chronic Q fever (chronic\_Q), serologic evidence of exposure to *Coxiella burnetii* (Expo\_Q), probable spotted fever group rickettsiosis (Prob\_Raf), confirmed spotted fever group rickettsiosis (Sero\_Raf), serologic evidence of exposure to spotted fever group *Rickettsia* (Expo\_Raf), probable typhus group rickettsiosis (Prob\_Rty), confirmed typhus group rickettsiosis (Sero\_Rty), serologic evidence of exposure to typhus group rickettsiosis (Expo\_Rty);

whether the participant had performed the following activities within the preceding month:

herded livestock (herded\_pm), herded cattle (herdcattle\_pm\_new), herded goats (herdgoats\_pm\_new), herded sheep (herdsheep\_pm\_new), herded with dogs (herddogs\_pm\_new), milked animals (milkedanimals\_pm), milked cattle (milkedcattle\_pm\_new), milked goats (milkedgoats\_pm\_new), milked sheep (milkedsheep\_pm\_new), slaughtered animals (slaughter\_pm), slaughtered cattle (slaughtercattle\_pm\_new), slaughtered goats (slaughtergoats\_pm\_new), slaughtered sheep (slaughtersheep\_pm\_new), birthed animals (birthing\_pm), birthed cattle (birthcattle\_pm1), birthed goats (birthgoats\_pm1), birthed sheep (birthsheep\_pm1), cleaned animal waste (waste\_animals\_pm), cleaned cattle waste (wastecattle\_pm1), cleaned goat waste (wastegoats\_pm1), cleaned sheep waste (wastesheep\_pm1), handed aborted birth products (abortedproduct\_pm), handled aborted birth products from cattle (abortcattle\_pm\_new), handled aborted birth products from goats (abortgoats\_pm\_new), handled aborted birth products from sheep (abortsheep\_pm\_new), handled animal placenta (handleplacenta\_pm), handled cattle placenta (placcattle\_pm\_new), handled goat placenta (placgoat\_pm\_new), handled sheep placenta (placsheep\_pm\_new), handled animal carcasses (carcass\_pm), handled cattle carcasses (carcasscattle\_pm\_new), handled goat carcasses (carcassgoat\_pm\_new), handled sheep carcasses (carcasssheep\_pm\_new), handled animal hides (handle\_hides\_pm),

whether the participant had performed the following activities within the preceding year:

herded livestock (herded\_py), herded cattle (herdcattle\_py\_new), herded goats (herdgoats\_py\_new), herded sheep (herdsheep\_py\_new), herded with dogs (herddogs\_py\_new), milked animals (milkedanimals\_py), milked cattle (milkedcattle\_py\_new), milked goats (milkedgoats\_py\_new), milked sheep (milkedsheep\_py\_new), slaughtered animals (slaughter\_py), slaughtered cattle (slaughtercattle\_py1), slaughtered goats (slaughtergoats\_py1), slaughtered sheep (slaughtersheep\_py1), birthed animals (birthing\_py), birthed cattle (birthcattle\_py\_new), birthed goats (birthgoats\_py\_new), birthed sheep (birthsheep\_py\_new), cleaned animal waste (waste\_animals\_py), cleaned cattle waste (wastecattle\_py\_new), cleaned goat waste (wastegoats\_py\_new), cleaned sheep waste (wastesheep\_py\_new), handed aborted birth products (abortedproduct\_py), handled aborted birth products from cattle (abortcattle\_py\_new), handled aborted birth products from goats (abortgoats\_py\_new), handled aborted birth products from sheep (abortsheep\_py\_new), handled animal placenta (handleplacenta\_py), handled cattle placenta (placcattle\_py\_new), handled goat placenta (placgoat\_py\_new), handled sheep placenta (placsheep\_py\_new), handled animal carcasses (carcass\_py), handled cattle carcasses (carcasscattle\_py\_new), handled goat carcasses (carcassgoat\_py\_new), handled sheep carcasses (carcasssheep\_py\_new), handled animal hides (handle\_hides\_py); whether the participant had animals which aborted or delivered still-born offspring (animals\_aborted\_py), whether the participant had cattle which aborted or delivered still-born offspring (cattle\_aborted\_new), whether the participant had goats which aborted or delivered still-born offspring (goats\_aborted\_new), whether the participant had sheep which aborted or delivered still-born offspring (sheep\_aborted\_new)