# Title of Dataset:

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# Determinants of QuantiFERON Plus-diagnosed tuberculosis infection in adult Ugandan TB contacts: a cross-sectional study

## Description of the Data and file structure

The data set includes; participant demographics, participant history of contact with tuberculosis patient and measured clinical parameters

1. Participant no. – Number indicating sequence in which the participant was enrolled

2. Visit no. – Indicates baseline or follow up study visit

3. Age – Participant’s age indicated in years

4. Gender (Male =1 Female=2)

5. Education attained

University/college=1

High school=2

Primary=3

None=0

Others=9

6. Occupation:

Professional=1

Mangers/Admin=2

Technical/crafts=3

Manual=4

Student/unemployed=5

7. Medical conditions (Medcond):

Acute infection=1

Chronic infection=2

NCDs (Non communicable diseases=3

None=0

Others=9

8. Current medication (treatment):

Antibiotic=1

ARVs/antiviral=2

Immune-suppressant=3

Analgesic=4

None=0

Others=9

9. Contact with Index patient (contactno): Number of PTB patients the participant has been in contact with? X – Response was an absolute number.

10. Last contact with index TB patient (lastcontact):

More than 3 months=1

1-3 months=2

Less than 1 month=3

Unknown=9

11. Place of contact (contactplace):

Household=1

Work=2

Others=9

12. Rationship with patient (Relation):

Parent/sibling=1

Spouse=2

Workmate=3

Others=9

13. Closeness of contact (closeness):

Same bed=1

Different beds=2

Different rooms=3

Different houses=4

Others=9

14. Intensity of contact (Intensity):

More than 50% of day=1

Less than 50% of day=2

Not every day=3

15. Duration index case coughed (Coughdura):

More than 4 weeks=1

2-4 weeks=2

Less than 2 weeks=3

Unknown=9

16. Does participant smoke? (smokingstatus):

Current smoker=1

Ex-smoker=2

Never smoked=3

17. Does participant live with a smoker? (Livesmoker)

Yes=1

No=0

18. Does participant have a BCG scar? (bcgscar):

Yes=1

No=0

19. HIV status (HIVstatus):

Positive=1

Negative=2

Not available=9

20. IGRA status (igrastatus):

Positive=1

Negative=2

Intermediate=3

21. Bacillary load of Index (bacillaryload):

Low=1

Medium=2

High=3

Not available=9

22. tb1\_ag - IGRA antigen measured value in IU/ ml

23. tb2\_ag – IGRA antigen measured value in IU/ ml

24. TBD – TB antigen difference (TB2\_ag minus tb1\_ab)

25. inTBD – natural log of TB antigen difference

26. contactplacecat:

(1=1 "Household")

(2 9=0 "Non-household")

27. relationcat:

(1 2=1 "Family relation")

(3 9=0 "Non-family relation")

28. Intensitycat:

(1=1 "> 50% a day")

(2 3=0 "< 50% a day")

29. smokingstatuscat:

(1=1 "Current smoker")

(2 3=0 "Not a smoker")

30. educationcat:

(1 2=1 "Post-primary")

(0 3 9=0 "Primary or less")

31. coughduracat:

(1=1 "One month or more")

(2 3=0 "< 1 month")(9=2 "Others")

32. closenesscatr

(4=0 "Different houses")

(3=1 "Different rooms")

(1 2=2 "Same room")

33. closenesscatr2:

(0=0 "Different houses")

(1 2=1 "Same house")

34. occupationcat:

(1 2 3=0 "Professional/Art")

(4 5=1 "Manual or no job")

35. contactnocat:

(min/1=0 "One contact")

(2/max=1 "> one contact")

36. bacilliloadcat:

(1=0 "Low")

(2 3=1 "High")

(9=2 "Others")

37. agecat:

(18/29.9=0)

(30/49.9=1)

(50/max=2)

38. BMIcat:

(min/18.49=0 "Underweight")

(18.5/24.99=1 "Normal weight")

(25/max=2 "Overweight")

39. Not measured – means the data was not captured on the source document

40. Intermediate – IGRA results that was between negative and positive

## Sharing/access Information

Data is not in any other repository

Was data derived from another source?

If yes, list source(s):

No – this is a primary data set.