

## **South Africa**

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**Influence of setting and diagnostic algorithm on disease severity among people diagnosed with symptomatic and asymptomatic tuberculosis in South Africa: Dataset and code**

**Study Documentation**

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# Metadata Production

<b>Metadata Producer(s)</b>	Africa Health Research Institute (AHRI)
<b>Identification</b>	AHRI.AHCoS.vuk

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## Influence of setting and diagnostic algorithm on disease severity among people diagnosed with symptomatic and asymptomatic tuberculosis in South Africa: Dataset and code

Overview	
<b>Identification</b>	AHRI.AHCoS.vuk
<b>Version</b>	v1.0.0
<b>Abstract</b> Data and code to replicate the analyses in the paper "Influence of setting and diagnostic algorithm on disease severity among people diagnosed with symptomatic and asymptomatic tuberculosis in South Africa"	
<b>Kind of Data</b>	Quantitative data from interview and clinical measurements
<b>Unit of Analysis</b>	Individuals

Scope & Coverage	
<b>Keywords</b>	Tuberculosis, symptoms, screening
<b>Topics</b>	MeSH subject headings
<b>Countries</b>	South Africa
<b>Geographic Coverage</b> AHRI's Population Intervention Programme Study Area (PIPSA) situated in uMkhanyakude district KwaZulu-Natal province which is approximately 200km north of Durban. The area is approximately 845km <sup>2</sup> in size and since 2017, the area has been expanded in to include the area which was formerly used for a cluster randomised trial on treatment as a prevention(TasP).  For more refer:  1. Dickman Gareta, Kathy Baisley, Thobeka Mngomezulu, Theresa Smit, Thandeka Khoza, Siyabonga Nxumalo, Jaco Dreyer, Sweetness Dube, Nomathamsanqa Majazi, Gregory Ordington-Jespersion, Eugene Ehlers, Guy Harling, Maryam Shahmanesh, Mark Siedner, Willem Hanekom, Kobus Herbst, Cohort Profile Update: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey, International Journal of Epidemiology, Volume 50, Issue 1, February 2021, Pages 33-34, < <a href="https://doi.org/10.1093/ije/dyaa264">https://doi.org/10.1093/ije/dyaa264</a> >  2. Tanser F, Hosegood V, Bärnighausen T, Herbst K, Nyirenda M, Muhwava W, Newell C, Viljoen J, Mutevedzi T, Newell ML. Cohort Profile: Africa Centre Demographic Information System (ACDIS) and population-based HIV survey. Int J Epidemiol. 2008 Oct;37(5):956-62. doi: 10.1093/ije/dym211. Epub 2007 Nov 12. PMID: 17998242; PMCID: PMC2557060.  3. Iwuji CC, Orne-Gliemann J, Larmarange J, Balestre E, Thiebaut R, Tanser F, Okesola N, Makowa T, Dreyer J, Herbst K, McGrath N, Bärnighausen T, Boyer S, De Oliveira T, Rekacewicz C, Bazin B, Newell ML, Pillay D, Dabis F; ANRS 12249 TasP Study Group. Universal test and treat and the HIV epidemic in rural South Africa: a phase 4, open-label, community cluster randomised trial. Lancet HIV. 2018 Mar;5(3):e116-e125. doi: 10.1016/S2352-3018(17)30205-9. Epub 2017 Nov 30. PMID: 29199100.	
<b>Universe</b> Participants in the Vukuzazi and AHCoS studies	

Producers & Sponsors	
<b>Primary Investigator(s)</b>	Mareca Sithole, AHRI Nompumelelo Mkwazazi, AHRI Sweetness Dube, AHRI

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<b>Other Producer(s)</b>	Africa Health Research Institute (AHRI)
<b>Funding Agency/ies</b>	National Institute of Allergy and Infectious Diseases (NIAID) , Funder Wellcome Trust (WT) , Funder Bill and Melinda Gates Foundation (BMGT) , Funder South African Department of Science and Innovation (DSTI) , Funder South African Medical Research Council (SAMRC) , Funder South African Population Research Infrastructure Network (SAPRIN) , Funder

<b>Sampling</b>
<b>Sampling Procedure</b>

<b>Data Processing &amp; Appraisal</b>
<b>Data Editing</b> This dataset contains only the data necessary to replicate the results in the paper. Data from the AHCos and Vukuzazi studies were combined into a single dataset, and variables were grouped

<b>Accessibility</b>
<b>Access Conditions</b> Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository(< <a href="https://data.ahri.org/">https://data.ahri.org/</a> >). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the DOI.
<b>Citation Requirements</b> Sithole, M., Mkwanazi, N., Dube, S., Gareta, D., McCreesh, N., Grant, A. D., Khan, P. Y., Govender, I., Wong, E. B., Buthelezi, I., Hanekom, W. A., Jespersen, G. O., & Siedner, M. J. (2026). Influence of setting and diagnostic algorithm on disease severity among people diagnosed with symptomatic and asymptomatic tuberculosis in South Africa: Dataset and code. Africa Health Research Institute.  DOI: <a href="https://doi.org/10.23664/AHRI.AHCOS.VUK">https://doi.org/10.23664/AHRI.AHCOS.VUK</a>

## Files Description

**Dataset contains 0 file(s)**

# Variables List

Dataset contains 0 variable(s)