Dataset title:
Depression among patients with multi-drug resistant tuberculosis (MDR-TB) in Bangladesh

Creator (s): Helen Elsey and Jo Hicks. All queries should be addressed to: Helen Elsey, Dept of Health Sciences, University of York: helen.elsey@york.ac.uk. Or Jo Hicks: j.p.hicks@leeds.ac.uk

Title of publication (to be confirmed once published): ***“Death is a better option than being treated like this”*: a prevalence survey and qualitative study of depression among multi-drug resistant tuberculosis in-patients. Huque, R., Elsey, H.\*, Fieroze, F., Hicks, J.P., Huque, S., Bhawmik, P Walker, I., Newell, J.**

Authors:

* Rumana Huque\* The ARK Foundation, Suite C-3 & C-4, House 06, Road 109, Gulshan-2, Dhaka-1212, Bangladesh.
* Email: rumana@arkfoundationbd.org
* Fariza Fieroze, The ARK Foundation, Suite C-3 & C-4, House 06, Road 109, Gulshan-2, Dhaka-1212, Bangladesh.
* Joseph Paul Hicks, Leeds Institute of Health Sciences,10.31 Worsley, University of Leeds, Leeds, LS2 9JT, UK
* Samina Huque, The ARK Foundation, Suite C-3 & C-4, House 06, Road 109, Gulshan-2, Dhaka-1212, Bangladesh.
* Prashanta Bhawmik, The ARK Foundation, Suite C-3 & C-4, House 06, Road 109, Gulshan-2, Dhaka-1212, Bangladesh.
* Ian Walker, Leeds Institute of Health Sciences,10.31 Worsley, University of Leeds, Leeds, LS2 9JT, UK
* James Newell, Leeds Institute of Health Sciences,10.31 Worsley, University of Leeds, Leeds, LS2 9JT, UK
* Helen Elsey, Department of Health Sciences, Seebohm Rowntree Building, University of York YO10 5DD, UK *https://orcid.org/0000-0003-4724-0581*

Project title: Prevalence of depression among in-patients with multi-drug resistant Tuberculosis

Funder (s): DFID, UKaid.

Grant number: COMDIS HSD Research Programme Consortium

Ethics: Ethics approval was given by School of Medicine Ethics Committee, University of Leeds (Ref no: MREC16-163) and the National Research Ethics Committee, Bangladesh Medical Research Council (Ref: BMRC/NREC/2016-2019/211).

Academic subject: Global Public Health, Health Policy, Mental Health, Tuberculosis

Institutional division: Nuffield Centre, Leeds Institute for Health Sciences

Dataset description (abstract): The data set is derived from a cross-sectional survey among 150 multi-drug resistant tuberculosis (MDR-TB) in-patients in the National Institute of Diseases of the Chest and Hospital (NIDCH) in Dhaka, Bangladesh. The aims of the study were to statistically validate the PHQ-9 depression screening tool among MDR-TB in-patients within this context, measure the prevalence of depression among MDR-TB in-patients within this context, and explore the associations between socio-demographic and health related variables and depression status among MDR-TB in-patients within this context. The data were collected in 2018 from all consenting in-patients between January and July 2018. The data includes socio-demographic variables, self-report details of co-morbidities and responses to the PHQ9 question-set for depression. The PHQ-9 assessments were repeated after two weeks to assess the tool’s consistency over time. Also as part of the validation of PHQ-9, within a two-week period a psychiatrist assessed depression among patients using the Structured Clinical Interview for Depression (SCID DSM-IV). These results are also included in the data set to serve as a “gold standard” for the PHQ-9 validation. Two patients left (without being discharged) the hospital before the SCID interview could be conducted, so the SCID data is only available for 148 of the 150 respondents.

**Quantitative data format note**

Note that all quantitative datasets are stored as SPSS .por files as per UK Data Service recommendations. These can be read, edited and converted to other formats for free via the open source statistical software *R* (<https://cran.r-project.org/>) using the *haven* package. At the *R* command line type:

install.packages(“haven”)

Then see the *haven* package help file by typing ?haven

**Data access note**

All datasets are available with unrestricted access under a Creative Commons Attribution 4.0 International (CC BY 4.0) licence.