Package ‘PakPMICS2018fs’

June 7, 2019

Type Package

Title Multiple Indicator Cluster Survey (MICS) 2017-18 Children Age 5-17 Questionnaire Data for Punjab, Pakistan

Version 0.1.0

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Description Provides data set and function for exploration of Multiple Indicator Cluster Survey (MICS) 2017-18 Children Age 5-17 questionnaire data for Punjab, Pakistan. The results of the present survey are critically important for the purposes of Sustainable Development Goals (SDGs) monitoring, as the survey produces information on 32 global Sustainable Development Goals (SDGs) indicators. The data was collected from 53,840 households selected at the second stage with systematic random sampling out of a sample of 2,692 clusters selected using probability proportional to size sampling. Six questionnaires were used in the survey: (1) a household questionnaire to collect basic demographic information on all de jure household members (usual residents), the household, and the dwelling; (2) a water quality testing questionnaire administered in three households in each cluster of the sample; (3) a questionnaire for individual women administered in each household to all women age 15-49 years; (4) a questionnaire for individual men administered in every second household to all men age 15-49 years; (5) an under-5 questionnaire, administered to mothers (or caretakers) of all children under 5 living in the household; and (6) a questionnaire for children age 5-17 years, administered to the mother (or caretaker) of one randomly selected child age 5-17 years living in the household (<http://www.mics.unicef.org/surveys>).

Depends R (>= 3.5.0)

Imports tibble

License GPL-2


Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

Note Department of Mathematics and Statistics, University of Agriculture Faisalabad, Faisalabad-Pakistan.
Suggests  testthat, R.rsp
VignetteBuilder  R.rsp
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Repository  CRAN
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R topics documented:

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Description

PakPMICS2018fs provides data set and function for exploration of Multiple Indicator Cluster Survey (MICS) 2017-18 Children Age 5-17 questionnaire data for Punjab, Pakistan. The results of the present survey are critically important for the purposes of SDG monitoring, as the survey produces information on 32 global SDG indicators. The data was collected from 53,840 households selected at the second stage with systematic random sampling out of a sample of 2,692 clusters selected using Probability Proportional to size sampling. Six questionnaires were used in the survey: 1. a household questionnaire to collect basic demographic information on all de jure household members (usual residents), the household, and the dwelling; 2. a water quality testing questionnaire administered in three households in each cluster of the sample; 3. a questionnaire for individual women administered in each household to all women age 15-49 years; 4. a questionnaire for individual men administered in every second household to all men age 15-49 years; 5. an under-5 questionnaire, administered to mothers (or caretakers) of all children under 5 living in the household; and 6. a questionnaire for children age 5-17 years, administered to the mother (or caretaker) of one randomly selected child age 5-17 years living in the household.

Usage

data(PakPMICS2018fs)

Format

A data frame with 37052 rows and 276 variables:

HH1  Cluster number
HH2  Household number
LN  Line number
FS1  Cluster number
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS2</td>
<td>Household number</td>
</tr>
<tr>
<td>FS3</td>
<td>Child’s line number</td>
</tr>
<tr>
<td>FS1NT</td>
<td>Interviewer number</td>
</tr>
<tr>
<td>FS4</td>
<td>Mother / Caretaker’s line number</td>
</tr>
<tr>
<td>FS5</td>
<td>Interviewer number</td>
</tr>
<tr>
<td>FS6</td>
<td>Supervisor’s number</td>
</tr>
<tr>
<td>FS7D</td>
<td>Day of interview</td>
</tr>
<tr>
<td>FS7M</td>
<td>Month of interview</td>
</tr>
<tr>
<td>FS7Y</td>
<td>Year of interview</td>
</tr>
<tr>
<td>FS9</td>
<td>First interview with this respondent</td>
</tr>
<tr>
<td>FS10</td>
<td>Consent</td>
</tr>
<tr>
<td>FS17</td>
<td>Result of interview for children 5-17</td>
</tr>
<tr>
<td>FS8H</td>
<td>Start of interview - Hour</td>
</tr>
<tr>
<td>FS8M</td>
<td>Start of interview - Minutes</td>
</tr>
<tr>
<td>FS11H</td>
<td>End of interview - Hour</td>
</tr>
<tr>
<td>FS11M</td>
<td>End of interview - Minutes</td>
</tr>
<tr>
<td>FS12</td>
<td>Language of the Questionnaire</td>
</tr>
<tr>
<td>FS13</td>
<td>Language of the Interview</td>
</tr>
<tr>
<td>FS14</td>
<td>Native language of the Respondent</td>
</tr>
<tr>
<td>FS15</td>
<td>Translator used</td>
</tr>
<tr>
<td>FS1NT</td>
<td>Household interviewer</td>
</tr>
<tr>
<td>CB2M</td>
<td>Month of birth of child</td>
</tr>
<tr>
<td>CB2Y</td>
<td>Year of birth of child</td>
</tr>
<tr>
<td>CB3</td>
<td>Age of child</td>
</tr>
<tr>
<td>CB4</td>
<td>Ever attended school or early childhood programme</td>
</tr>
<tr>
<td>CB5A</td>
<td>Highest level of education attended</td>
</tr>
<tr>
<td>CB5B</td>
<td>Highest grade attended at that level</td>
</tr>
<tr>
<td>CB6</td>
<td>Ever completed that grade/year</td>
</tr>
<tr>
<td>CB7</td>
<td>Attended school or early childhood programme during current school year</td>
</tr>
<tr>
<td>CB8A</td>
<td>Level of education attended current school year</td>
</tr>
<tr>
<td>CB8B</td>
<td>Grade of education attended current school year</td>
</tr>
<tr>
<td>CB9</td>
<td>Attended school or early childhood programme during previous school year</td>
</tr>
<tr>
<td>CB10A</td>
<td>Level of education attended previous school year</td>
</tr>
<tr>
<td>CB10B</td>
<td>Grade of education attended previous school year</td>
</tr>
<tr>
<td>CB11</td>
<td>Covered by any health insurance</td>
</tr>
<tr>
<td>CB12A</td>
<td>Health insurance - PUBLIC HEALTH INSURANCE</td>
</tr>
<tr>
<td>CB12B</td>
<td>Health insurance - Health insurance through employer</td>
</tr>
</tbody>
</table>
CB12C  Health insurance - Social security
CB12D  Health insurance - Other privately purchased commercial health insurance
CB12X  Health insurance - Other
CB12NR  Health insurance - Missing
CL1A  Worked or helped on garden in past week
CL1B  Helped in family business in past week
CL1C  Produced or sold articles in past week
CL1X  Engaged in any other activity for income in past week
CL3  Hours worked in past week
CL4  Activities required carrying heavy loads
CL5  Activities required working with dangerous tools or heavy machinery
CL6A  Description of work: exposed to dust, fumes, or gas
CL6B  Description of work: exposed to extreme temperatures or humidity
CL6C  Description of work: exposed to loud noise or vibration
CL6D  Description of work: required to work at heights
CL6E  Description of work: required to work with chemicals
CL6X  Description of work: exposed to other
CL7  Fetched water in past week
CL8  Hours spent fetching water in past week
CL9  Collected firewood in past week
CL10  Hours spent collecting firewood in past week
CL11A  Household chores in past week: shopping
CL11B  Household chores in past week: cooking
CL11C  Household chores in past week: washing dishes or cleaning around the house
CL11D  Household chores in past week: washing/Iron clothes
CL11E  Household chores in past week: caring for children
CL11F  Household chores in past week: caring for old or sick
CL11X  Household chores in past week: other household tasks
CL13  Number of hours engaged in past week
FCD2A  Took away privileges
FCD2B  Explained why behaviour was wrong
FCD2C  Shook child
FCD2D  Shouted, yelled or screamed at child
FCD2E  Gave child something else to do
FCD2F  Spanked, hit or slapped child on bottom with bare hand
FCD2G  Hit child on the bottom or elsewhere with belt, brush, stick, etc.
FCD2H  Called child dumb, lazy or another name
FCD21 Hit or slapped child on the face, head or ears
FCD22 Hit or slapped child on the hand, arm or leg
FCD2K Beat child up as hard as one could
FCD5 Child needs to be physically punished to be brought up properly
FCF1 Child wear glasses or contact lenses
FCF2 Child uses hearing aid
FCF3 Child uses any equipment or receive assistance for walking
FCF6 Child has difficulty seeing
FCF8 Child has difficulty hearing sounds like people voices or music
FCF10 Without using equipment or assistance child has difficulty walking 100 meters
FCF11 Without using equipment or assistance child has difficulty walking 500 meters
FCF12 When using equipment or assistance child has difficulty walking 100 meters
FCF13 When using equipment or assistance child has difficulty walking 500 meters
FCF14 Compared with children of the same age, child has difficulty walking 100 meters
FCF15 Compared with children of the same age, child has difficulty walking 500 meters
FCF16 Child has difficulty with self-care such as feeding or dressing
FCF17 Child has difficulty being understood by people inside of this household
FCF18 Child has difficulty being understood by people outside of this household
FCF19 Compared with children of the same age, child has difficulty learning things
FCF20 Compared with children of the same age, child has difficulty remembering things
FCF21 Child has difficulty concentrating on an activity that he/she enjoys
FCF22 Child has difficulty accepting changes in his/her routine
FCF23 Compared with children of the same age, child have difficulty controlling his/her behaviour
FCF24 Child has difficulty making friends
FCF25 How often child seems very anxious, nervous or worried
FCF26 How often child seems very sad or depressed
PR3 Number of children’s books or picture books for child
PR5 Child ever had homework
PR6 Anyone helps child with homework
PR7 School have a School Governing Body in which parents can participate
PR8 Attended a PTA / SMC meeting in the last 12 months
PR9A At meeting - discussed a plan for addressing key education issues faced by child’s school
PR9B At meeting - discussed school budget or use of funds received by child’s school
PR10 In the last 12 months - received a student or student report card
PR11A In the last 12 months gone to school for - a school assembly, a school celebration or a sport event
PR11B In the last 12 months gone to school for - to discuss child’s progress with child’s teachers
PR12A In the last 12 months school closed due to - natural disasters
PR12B In the last 12 months school closed due to - man made disasters
PR12C In the last 12 months school closed due to - teacher strike or teacher absenteism
PR12X In the last 12 months school closed due to - any other reasons
PR13 In the last 12 months, child was unable to attend class due to teacher being absent
PR15 Contacted the school officials or school governing bodies when this happened
FL1 Consent
FL2H Start of interview with child - Hour
FL2M Start of interview with child - Minutes
FL3 Consent
FL4A You are not alone with the child unless they are at least visible to an adult known to the child
FL4B You have engaged the child in conversation and built rapport e.g. using an Icebreaker
FL4C The child is sat comfortably, able to use the Reading & Numbers Book without difficulty while you can see which page is open
FL6A child read books
FL6B someone read books to child
FL7 Language child speaks most of the time at home
FL9 Language teacher use most of the time when teaching child in class
FL10 Like to read story
FL13 Giving the Child book - Manual introduction
FL14 Child read every word in the practice correctly
FL15 Reading done: How old is Mano?
FL16 Mano is 5 years old
FL17 Another question: Who is older: Mano or Motie?
FL18 Motie is older than Mano. Motie is 6 and Mano is 5.
INTRO INTRO
FL19W1 Word1
FL19W2 Word2
FL19W3 Word3
FL19W4 Word4
FL19W5 Word5
FL19W6 Word6
FL19W7 Word7
FL19W8 Word8
FL19W9 Word9
FL19W10 Word10
FL19W11 Word11
FL19W49  Word49
FL19W50  Word50
FL19W51  Word51
FL19W52  Word52
FL19W53  Word53
FL19W54  Word54
FL19W55  Word55
FL19W56  Word56
FL19W57  Word57
FL19W58  Word58
FL19W59  Word59
FL19W60  Word60
FL19W61  Word61
FL19W62  Word62
FL19W63  Word63
FL19W64  Word64
FL19W65  Word65
FL19W66  Word66
FL19W67  Word67
FL19W68  Word68
FL19W69  Word69
FL19W70  Word70
FL19W71  Word71
FL19W72  Word72
FL20A  Total number of words attempted
FL20B  Total number of words incorrect or missed
FL21  How well did child read the story
FL22A  Story comprehension: 1 (What class is Amjad in)
FL22B  Story comprehension: 2 (What did Amjad see on the way home)
FL22C  Story comprehension: 3 (Why did Amjad start crying)
FL22D  Story comprehension: 4 (Where did Amjad fall (down))
FL22E  Story comprehension: 5 (Why was Amjad happy)
FL23A  Child recognizes symbol: 9
FL23B  Child recognizes symbol: 12
FL23C  Child recognizes symbol: 30
FL23D  Child recognizes symbol: 48
FL23E  Child recognizes symbol: 74
FL23F  Child recognizes symbol: 731
FL24A  Child identifies bigger of two numbers: 7-5
FL24B  Child identifies bigger of two numbers: 11-24
FL24C  Child identifies bigger of two numbers: 58-49
FL24D  Child identifies bigger of two numbers: 65-67
FL24E  Child identifies bigger of two numbers: 146-154
FL25A  Child adds numbers correctly: 3+2
FL25B  Child adds numbers correctly: 8+6
FL25C  Child adds numbers correctly: 7+3
FL25D  Child adds numbers correctly: 13+6
FL25E  Child adds numbers correctly: 12+24
FL26  Manual intro
FL27A  Child identifies next number: 5-6-7-X
FL27B  Child identifies next number: 14-15-X-17
FL27C  Child identifies next number: 20-X-40-50
FL27D  Child identifies next number: 2-4-6-X
FL27E  Child identifies next number: 5-8-11-X
FL28  Result of interview with selected child (7-14 years)
HH4  Supervisor number
HH6  Area
HL4  Sex
ED5A  Highest level of education attended
ED5B  Highest grade attended at that level
FSAGE  Age
FSD0I  Date of interview child 5-17 (CMC)
FSD0B  Date of birth of child 5-17 (CMC)
HH56  Number of CF questionnaires completed (age 5-17 years)
fsweight  Children 5-17’s sample weight
caretakerdis  Mother’s functional disabilities (age 18-49 years)
wscore  Combined wealth score
windex5  Wealth index quintile
windex10  Percentile Group of com1
wscoreu  Urban wealth score
windex5u  Urban wealth index quintile
windex10u  Percentile Group of urb1
wscorer  Rural wealth score
windex5r  Rural wealth index quintile
windex10r Percentile Group of rural
division Division
majorcity majorcity
hh6r Area
suburban
hh7 Districts
fselevel Child’s education
fsinsurance Health insurance
fsdisability Functional difficulties
melevel Mother’s education
schage Age at beginning of school year
HH52 Number of children age 5-17 years
fshweight Children 5-17’s household sample weight
stratum stratum
psu psu

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2. Muhammad Usman (<usmann75@hotmail.com>)

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