Appendix: The level of confidence in and endorsement of the health system among internet users in 12 low- and middle-income countries

Appendix 1: Survey of user experience, instrument

Note: Programming instructions are in red, response options are in italics. All questions are asked to all respondents unless otherwise noted.

Harvard University is studying how to make health care better in [Country name]. Please help us by participating in the short voluntary, anonymous survey. Your identity is completely protected.

**Question 1.**
What is your age and gender?

Age/gender selection

**Question 2.**
In general, would you say your health is…

- Excellent
- Very good
- Good
- Fair
- Poor

**Question 3.**
In general, how would you rate your mental health, including your mood?

- Excellent
- Very good
- Good
- Fair
- Poor

**Question 4.**
Where do you live?

- City
- Town
- Village

**Question 5.**
What is the highest level of education you have completed?

- No formal schooling
- Some primary school
- Primary school completed
- Some secondary or high school
- Secondary or high school completed
**Some college or university**  
**Completed college or university**

**Change names in Question 7 and 8 according to country:**

| Country          | Name     |
|------------------|----------|
| South Africa     | Junior   |
| Nigeria          | Femi     |
| Kenya            | John     |
| Senegal          | Babacar  |
| Ghana            | Afram    |
| Mexico           | Juan     |
| Argentina        | Juan     |
| India            | Krishna  |
| China            | Zhang Wei|
| Indonesia        | Panji    |
| Lebanon          | Adam     |
| Morocco          | Youssef  |

**Question 7.**

[Anthony] is a 45-year old man with high blood pressure who needs a regular check-up. At the health facility, the nurse

DOES: -Greet him and introduce herself -Change his medications

DOES NOT: -Ask about his symptoms -check his blood pressure

How would you rate the overall quality of care that [Anthony] received?

- Poor
- Fair
- Good
- Very Good
- Excellent

**Question 8.**

**Randomize receipt of one of the five vignettes below:**

a. [Anthony] is a 45-year old man with high blood pressure who needs a regular check-up. At the health facility, the nurse…

   DOES: -check his blood pressure -Change his medications

   DOES NOT: -Greet him and introduce herself -Ask about his symptoms

b. [Anthony] is a 45-year old man with high blood pressure who needs a regular check-up. At the health facility, the nurse…

   DOES: -Change his medications

   DOES NOT: -Greet him and introduce herself -Ask about his symptoms -check his blood pressure

c. [Anthony] is a 45-year old man who has hurt his arm in a motorcycle accident.

   At the health facility, the nurse...

   DOES: -Greet him and introduce herself -Wrap his arm with a bandage

   DOES NOT: -Ask about his arm -Examine his arm
d. [Anthony] is a 45-year old man who has hurt his arm in a motorcycle accident. At the health facility, the nurse...
   DOES: -Examine his arm - Wrap his arm with a bandage
   DOES NOT: -Greet him and introduce herself -Ask about his arm

e. [Anthony] is a 45-year old man who has hurt his arm in a motorcycle accident. At the health facility, the nurse...
   DOES: -Wrap his arm with a bandage
   DOES NOT: -Greet him and introduce herself -Ask about his arm -Examine his arm

How would you rate the overall quality of care that [Anthony] received?

   Poor
   Fair
   Good
   Very Good
   Excellent

**Question 9.**
In the **past year**, how many times did you go to a clinic, health center, or hospital to receive health care for yourself? (Please do not include any times you stayed overnight.)

   0
   1
   2
   3
   4
   5
   6
   7
   8
   9
   10+

**NOTE: If Q9 = 0, skip to Q19**

**Question 10.**
What was the main reason for your last visit to a health care facility? (Excluding overnight hospital stays)

   - Emergency, accident, or injury
   - Pregnancy or delivery related
   - Check-up, annual exam, or preventive care
   - Chronic existing problem
   - New health problem or question

**Question 11.**
Who managed the last facility that you visited for care (excluding overnight hospital stays)?

   - Government
   - Private

**Show prompt below for Questions 12-16**
Thinking about your last visit to a health care facility (not including overnight stays), how would you rate the following:

**Randomize order of Questions 12-16**

**Question 12.**
The length of time you waited before you were seen.

- Poor
- Fair
- Good
- Very Good
- Excellent

**Question 13.**
Whether the provider listened carefully to you.

- Poor
- Fair
- Good
- Very Good
- Excellent

**Question 14.**
Provider’s medical knowledge and skills.

- Poor
- Fair
- Good
- Very good
- Excellent

**Question 15.**
The level of respect the provider showed you.

- Poor
- Fair
- Good
- Very good
- Excellent

**Question 16.**
The amount of time the provider spent with you in the visit.

- Poor
- Fair
- Good
- Very good
- Excellent

**Question 17.**
Overall, taking everything into account, how would you rate the quality of care you received?

- Poor
- Fair
- Good
- Very good
- Excellent
**Question 18.**
Overall, thinking about your entire visit, how satisfied were you with the care you received?
- Very dissatisfied
- Somewhat dissatisfied
- Somewhat satisfied
- Very satisfied

**Question 19.**
In the last year, was there a time when you had a medical problem and needed medical attention, but you did not visit a health facility?
- Yes
- No
- No medical problems

**NOTE:** If Q19=No or No medical problems, skip to Q21

**Question 20.**
What is the main reason you did not visit a health facility?
What there another reason you did not visit a health facility?

Randomize list of response options below. Allow respondents to choose option at a time, re-randomize, and ask second question.
- None of the above
- Too far/no transport
- Costs are too high
- Drugs/supplies not available
- Health care providers lack knowledge/skills
- Wait times are too long
- Health care staff are disrespectful

**Question 21.**
Have you ever been discriminated against, hassled, or made to feel inferior by a health provider/staff for any of these reasons?
- Poverty
- Religion
- Ethnicity, Language
- Immigration, Migrant status
- Because of your gender
- Type of Illness
- Education
- Romantic or Sexual attraction to someone of the same sex
- Any other reason

- Yes
- No

**Question 22.**
You mentioned that you were discriminated against by health providers/staff. What were the reasons? Choose as many as apply.
Poverty
Religion
Ethnicity, Language
Immigration, Migrant Status
Education
Romantic or sexual attraction to someone of the same sex
Type of illness
Because I am a man/woman
Other

Question 23.
How confident are you that if you become very sick tomorrow, you would be able to receive effective treatment from the health system?

Not at all confident
Not very confident
Somewhat confident
Very confident

Question 24.
With which statement do you agree most?

Our health care system has so much wrong with it that we need to completely rebuild it.
There are some good things in our health care system, but major changes are needed to make it work better.
On the whole, the system works pretty well and only minor changes are necessary to make it work better.

Question 25.
Do you have health insurance? (Any service, either from the government or a private company, that pays for some or all of your health care costs)

Yes
No

End survey with note below:

Thank you for participating in this survey. We appreciate your time.

Appendix 2: Survey instrument screen shot
**Appendix 3: Survey Languages**

| Country   | Survey Language       |
|-----------|-----------------------|
| Senegal   | Senegalese French     |
| Ghana     | English               |
| Kenya     | English               |
| India     | English               |
| Nigeria   | English               |
| Morocco   | Moroccan Arabic       |
| Indonesia | Bahasa                |
| S. Africa | English               |
| Lebanon   | Lebanese Arabic       |
| China     | Chinese               |
| Mexico    | Mexican Spanish       |
| Argentina | Argentine Spanish     |

a - Languages were chosen based on most commonly spoken language in country
b - Previous experience with internet surveys in India by the RIWI Corp showed that, when given a choice, Indian internet respondents overwhelmingly selected English

**Appendix 4: Internet penetration rates in survey countries**

| Country    | Internet penetration (2016) |
|------------|-----------------------------|
| Senegal    | 23.4%                       |
| Ghana      | 28.4%                       |
| Kenya      | 45.0%                       |
| India      | 34.8%                       |
| Nigeria    | 46.1%                       |
| Morocco    | 57.6%                       |
| Indonesia  | 20.4%                       |
| South Africa | 52.0%            |
| Lebanon    | 75.9%                       |
| China      | 52.2%                       |
Mexico 45.1%
Argentina 69.2%
www.internetlivestats.com

Appendix 5: Expanded methods

Reproducibility
In a study of global mental health stigma, researchers tested the reproducibility of responses produced by RDIT™ sampling methods. A short survey was fielded every month for 21 consecutive months in India. Responses were very similar across the survey months; 31.1 +/- .18% s.e. replied yes to the question, “is there someone you interact with every day who suffers from mental illness?” An average of 10.1 +/- .11% s.e. said that “people who suffer from mental illness are more violent.” The group also compared global responses excluding India between June and July of 2014 and June and July of 2015 and found no statistically significant differences for any of their questions.

Habitual respondents
A study of RDIT™ in 2014 asked 50,313 respondents the following question: “prior to this survey when was the last time you answered survey questions?” 72% of respondents had not taken a survey in the last month and 47% of respondents had never taken a survey before.

Representativeness
An independent research group analyzed the cookies produced by the RDIT™ sample over the course of one week in 2013 and found highly statistically significant correlations with characteristics of the U.S. internet using population. The group matched a total of 115,000 unique cookies. Almost complete convergence (correlations between .915 and .997) was found between the two samples when looking at the internet service providers, geographic distribution, number of cookie hits and age of the cookies.

Anchor vignettes
Anchoring vignettes can be included in surveys that compare self-reported health across countries or groups of people that are likely to have differing norms and expectations. The anchoring vignette allows researchers to control for these factors, identify comparable cut-off points between ordinal response categories, and make interpersonal comparisons despite social difference in response characteristics.

Sampling weight construction
The age and gender weight targets were created based on the Census Bureau’s 2017 Population Estimates of the country’s population. The urban and rural targets were created based on the Central Intelligence Agency database. The education targets for most countries were created based on educational attainment data from the UNESCO Institute for Statistics. Education targets for Nigeria were created based on data from the Demographic and Health Survey conducted by the National Population Commission of Nigeria and education targets for Morocco were based on educational enrolment data from the High Commission for the Plan of Morocco.

Appendix 6: Conceptual framework

Roder-DeWan S, et al. BMJ Global Health 2020; 5:e002205. doi: 10.1136/bmjgh-2019-002205
### Appendix 7: Sample characteristics without population weights

|                | Argentina | China | Ghana | India | Indonesia | Kenya | Lebanon | Mexico | Morocco | Nigeria | Senegal | South Africa | Total |
|----------------|-----------|-------|-------|-------|-----------|-------|---------|--------|---------|---------|---------|--------------|-------|
|                | N %       | N %   | N %   | N %   | N %       | N %   | N %     | N %    | N %     | N %     | N %     | N %          | N %  |
| N respondents  | 1,153     | 1,422 | 1,048 | 1,321 | 1,179     | 1,106 | 1,003   | 1,239  | 1,124   | 1,166   | 1,019   | 1,069        | 13,849 |
| Socio-demographics |         |       |       |       |           |       |         |        |         |         |         |              |       |
| Age: 18-29     |          |       |       |       |           |       |         |        |         |         |         |              |       |
|                | 471 41%  | 858 60% | 715 68% | 879 67% | 758 64%  | 693 63% | 559 56% | 656 53% | 667 59% | 777 67% | 598 59% | 627 59%        | 828 60% |
| 30-49          | 438 38%  | 456 32% | 279 27% | 360 27% | 356 30%  | 342 31% | 338 34% | 398 32% | 340 30% | 336 29% | 319 31% | 370 35%        | 4332 31% |
| 50+            | 244 21%  | 108 8%  | 54 5%  | 82 6%  | 65 6%    | 71 6%  | 106 11% | 185 15% | 117 10% | 53 5%   | 102 10% | 72 7%        | 1259 9%  |
| Female         | 419 36%  | 276 19% | 251 24% | 294 22% | 288 24%  | 351 32% | 275 27% | 432 35% | 326 29% | 283 24% | 288 28% | 476 45%        | 3959 29% |
| Rural          | 157 14%  | 220 15% | 70 7%  | 199 15% | 245 21%  | 204 18% | 164 16% | 161 13% | 118 10% | 47 4%   | 71 7%   | 260 24%        | 1916 14% |
| Secondary or more education |         |       |       |       |           |       |         |        |         |         |         |              |       |
| Good self-rated health status | 958 83% | 1232 87% | 997 95% | 1211 92% | 1103 94% | 102 10% | 782 78% | 1077 87% | 954 85% | 1132 97% | 896 88% | 0 95% | 12383 89% |       |
| Experience with health care system |         |       |       |       |           |       |         |        |         |         |         |              |       |
| Did not visit health system in past year |         |       |       |       |           |       |         |        |         |         |         |              |       |
| N visits in past year (mean/SD) |         |       |       |       |           |       |         |        |         |         |         |              |       |
| Last visit was to private facility* | 328 28% | 643 45% | 358 34% | 466 35% | 541 46%  | 353 32% | 504 50% | 377 30% | 568 51% | 412 35% | 430 42% | 337 32%        | 5317 38% |
| Has health insurance | 2.9 3.0 | 2.0 2.8 | 2.0 2.5 | 2.4 2.9 | 1.7 2.5  | 2.2 2.6 | 1.7 2.6 | 2.6 2.9 | 1.7 2.5 | 2.4 2.7 | 1.6 2.1 | 2.7 3.0        | 2.2 2.7   |
| Perceptions of health care system |         |       |       |       |           |       |         |        |         |         |         |              |       |
| Quality of last visit good, very good, or excellent* |         |       |       |       |           |       |         |        |         |         |         |              |       |
| Ever experienced discrimination on Vignette rating of good or better | 690 84% | 527 68% | 632 92% | 694 81% | 444 70%  | 628 83% | 402 81% | 649 75% | 295 53% | 673 89% | 457 78% | 609 83%        | 6700 79% |
| Very confident I could receive effective care | 201 17% | 386 27% | 231 22% | 356 27% | 288 24%  | 215 19% | 216 22% | 256 21% | 364 32% | 218 19% | 167 16% | 208 19%        | 3106 22% |
| Agrees system works pretty well | 512 44% | 662 47% | 471 45% | 737 56% | 586 50%  | 391 35% | 532 53% | 563 45% | 389 35% | 574 49% | 437 43% | 505 47%        | 6359 46% |

*Denominator is respondents who visited a health care facility in the past 12 months. See appendix 1 for full survey instrument.

Roder-DeWan S, et al. BMJ Global Health 2020; 5:e002205. doi: 10.1136/bmjgh-2019-002205
## Appendix 8: STROBE Statement—Checklist of items that should be included in reports of cross-sectional studies

| Item No | Recommendation | Section, paragraph |
|---------|----------------|-------------------|
| **Title and abstract** | | |
| 1 | (a) Indicate the study’s design with a commonly used term in the title or the abstract | Title |
| | (b) Provide in the abstract an informative and balanced summary of what was done and what was found | Abstract |
| **Introduction** | | |
| | | |
| 2 | Explain the scientific background and rationale for the investigation being reported | Introduction Para 1-4 |
| **Objectives** | | |
| 3 | State specific objectives, including any prespecified hypotheses | Introduction Para 3 |
| **Methods** | | |
| Study design | 4 | Present key elements of study design early in the paper | Methods Para 1-10 |
| Setting | 5 | Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection | Methods Para 1 |
| Participants | 6 | (a) Give the eligibility criteria, and the sources and methods of selection of participants | Methods Para 1-2 |
| Variables | 7 | Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable | Methods Para 6-8 |
| **Data sources/ measurement** | | |
| 8* | For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group | Methods Para 6-8 |
| Bias | 9 | Describe any efforts to address potential sources of bias | Methods Para 8 |
| Study size | 10 | Explain how the study size was arrived at | Methods Para 1 |
| Quantitative variables | 11 | Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why | Methods Para 6-8 |
| Statistical methods | 12 | (a) Describe all statistical methods, including those used to control for confounding | Methods Para 8-10 |
| | (b) Describe any methods used to examine subgroups and interactions | Methods Para 9 |
| | (c) Explain how missing data were addressed | Results N/A |
| | (d) If applicable, describe analytical methods taking account of sampling strategy | Methods Para 9 |
| | (e) Describe any sensitivity analyses | Results Para 4 |
### Results

| Category          | Requirement                                                                                                          | Page |
|-------------------|----------------------------------------------------------------------------------------------------------------------|------|
| Participants      | (a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed. | Para 1 |
|                   | (b) Give reasons for non-participation at each stage                                                                 |      |
|                   | (c) Consider use of a flow diagram                                                                                   |      |
| Descriptive data  | (a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders | Para 1 |
|                   | (b) Indicate number of participants with missing data for each variable of interest                                  | n/a  |
| Outcome data      | Report numbers of outcome events or summary measures                                                                  | Para 3 |
| Main results      | (a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included | Para 3-4 |
|                   | (b) Report category boundaries when continuous variables were categorized                                            | Para 4 |
|                   | (c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period      | n/a  |
| Other analyses    | Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses                         | Para 3-4 |

### Discussion

| Category          | Requirement                                                                                                          | Page |
|-------------------|----------------------------------------------------------------------------------------------------------------------|------|
| Key results       | Summarise key results with reference to study objectives                                                              | Para 1 |
| Limitations       | Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias | Para 4 |
| Interpretation    | Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence | Para 6-8 |
| Generalisability  | Discuss the generalisability (external validity) of the study results                                                 | Para 4 |

### Other information

| Category     | Requirement                                                                                                          | Page |
|--------------|----------------------------------------------------------------------------------------------------------------------|------|
| Funding      | Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based | End matter |

*Source: [http://www.equator-network.org/reporting-guidelines/strobe/](http://www.equator-network.org/reporting-guidelines/strobe/)*
### Appendix 9: Weighted analytic sample characteristics, excluding respondents who had not visited a health facility in the last year

|                              | Argentina N (%) | China N (%) | Ghana N (%) | India N (%) | Indonesia N (%) | Kenya N (%) | Lebanon N (%) | Mexico N (%) | Morocco N (%) | Nigeria N (%) | Senegal N (%) | South Africa N (%) | Total N (%) |
|------------------------------|-----------------|------------|-------------|-------------|-----------------|-------------|---------------|--------------|---------------|---------------|---------------|----------------------|-------------|
| **N respondents**            | 825             | 779        | 690         | 855         | 638             | 753         | 499           | 862          | 556           | 754           | 589           | 732                  | 8332        |
| **Socio-demographics**       |                 |            |             |             |                 |             |               |              |               |               |               |                      |             |
| Age: 18-29                   |                 |            |             |             |                 |             |               |              |               |               |               |                      |             |
| 30-49                        | 163 26%         | 197 29%    | 303 52%     | 316 39%     | 186 28%         | 327 46%     | 137 29%       | 278 36%      | 196 34%       | 407 54%       | 175 37%       | 279 40%               | 2964 38%    |
| 50+                          | 271 43%         | 300 44%    | 230 40%     | 399 49%     | 255 39%         | 340 48%     | 232 48%       | 347 45%      | 287 50%       | 286 38%       | 236 50%       | 322 47%               | 3506 45%    |
| Female                       | 193 31%         | 193 28%    | 47 8%       | 95 12%      | 213 33%         | 44 6%       | 110 23%       | 149 19%      | 88 15%        | 69 6%         | 63 13%        | 88 13%               | 1348 17%    |
| Rural                        | 50 6%           | 315 40%    | 197 33%     | 499 58%     | 448 64%         | 553 76%     | 61 11%        | 149 17%      | 291 45%       | 216 28%       | 241 49%       | 276 37%               | 3299 38%    |
| Secondary or more education  | 486 60%         | 509 65%    | 454 76%     | 330 38%     | 337 48%         | 274 37%     | 337 62%       | 550 62%      | 231 35%       | 637 83%       | 132 27%       | 667 89%               | 4944 58%    |
| Good self-rated health status|                 |            |             |             |                 |             |               |              |               |               |               |                      |             |
| Experience with healthcare system |               |            |             |             |                 |             |               |              |               |               |               |                      |             |
| N visits in past year (mean/SD)| 4.4 3.0        | 3.9 2.7    | 3.2 2.4     | 5.5 3.1      | 4.1 2.8        | 3.8 3.0     | 3.3 2.5       | 4.1 2.9      | 4.6 3.1       | 3.7 2.6       | 4.1 3.2       | 4.1 3.0               | 4.1 3.0     |
| Last visit was to private facility |               |            |             |             |                 |             |               |              |               |               |               |                      |             |
| Has health insurance         | 494 50%         | 49 36%     | 221 46%     | 502 57%     | 542 70%        | 354 42%     | 232 33%       | 286 36%      | 263 32%       | 287 36%       | 236 48%       | 219 29%               | 4036 47%    |
| Perceptions of healthcare system |               |            |             |             |                 |             |               |              |               |               |               |                      |             |
| Quality of last visit good, very good or excellent | 698 86%        | 462 59%    | 543 91%     | 549 63%     | 471 67%        | 527 72%     | 612 69%       | 320 49%      | 658 86%       | 399 81%       | 599 80%       | 6246 73%              |             |
| Ever experienced discrimination |               |            |             |             |                 |             |               |              |               |               |               |                      |             |
| Vignette rating of good or better |               |            |             |             |                 |             |               |              |               |               |               |                      |             |
| Very confident could receive effective care | 447 55%        | 384 49%    | 316 53%     | 469 54%     | 408 58%        | 270 37%     | 275 51%       | 454 51%      | 281 43%       | 404 53%       | 359 73%       | 362 49%               | 4428 52%    |
| Agrees system works pretty well |               |            |             |             |                 |             |               |              |               |               |               |                      |             |

Roder-DeWan S, et al. BMJ Global Health 2020; 5:e002205. doi: 10.1136/bmjgh-2019-002205
### Appendix 10: Quality rating correlation matrix

|                     | Overall quality | Wait time | Provider knowledge | Provider listening | Time spent with provider | Provider respect |
|---------------------|-----------------|-----------|--------------------|--------------------|--------------------------|------------------|
| Overall quality     | 1               |           |                    |                    |                          |                  |
| Wait time           | 0.63            | 1         |                    |                    |                          |                  |
| Provider knowledge  | 0.66            | 0.61      | 1                  |                    |                          |                  |
| Provider listening  | 0.67            | 0.57      | 0.66               | 1                  |                          |                  |
| Time spent with provider | 0.66          | 0.64      | 0.68               | 0.68               | 1                        |                  |
| Provider respect    | 0.65            | 0.58      | 0.70               | 0.68               | 0.67                     | 1                |
Appendix 11: Comparison of confidence and endorsement by use of the health system in the past year

Confident could get effective care if needed

Health system endorsement: Agrees system works pretty well
Appendix 12: Sensitivity analysis using response options of “Somewhat confident or “Very confident”

| Experience with health system                                                                 | Somewhat or very confident | Odds Ratio | 95% CI          |
|------------------------------------------------------------------------------------------------|-----------------------------|------------|-----------------|
| Quality of last visit good, very good, or excellent                                          |                             | 4.10       | [3.57,4.71]     |
| Ever experienced discrimination                                                              |                             | 0.50       | [0.43,0.59]     |
| 3 or more visits to health facility                                                          |                             | 0.98       | [0.89,1.08]     |
| Has health insurance                                                                         |                             | 2.26       | [1.99,2.58]     |
| Last visit was to private facility                                                           |                             | 0.99       | [0.87,1.11]     |
| Vignette rating of good or better                                                            |                             | 1.56       | [1.29,1.88]     |

| Socio-demographic characteristics                                                            |                             |            |                 |
| Female                                                                                       |                             | 0.91       | [0.82,1.01]     |
| Age (18-29 ref)                                                                               |                             | 0.92       | [0.85,1.00]     |
| 30-49                                                                                        |                             | 1.16       | [0.88,1.53]     |
| 50+                                                                                          |                             |            |                 |
| Secondary or higher education                                                                 |                             | 1.26       | [1.06,1.49]     |
| Rural                                                                                        |                             | 0.88       | [0.76,1.02]     |
| Good self-rated health                                                                        |                             | 1.44       | [1.27,1.64]     |
| Country (Senegal ref)                                                                        |                             |            |                 |
| Ghana                                                                                        |                             | 1.56       | [1.50,1.63]     |
| Kenya                                                                                        |                             | 1.55       | [1.49,1.61]     |
| India                                                                                        |                             | 1.05       | [1.01,1.09]     |
| Nigeria                                                                                      |                             | 1.74       | [1.65,1.83]     |
| Morocco                                                                                      |                             | 0.55       | [0.53,0.58]     |
| Indonesia                                                                                   |                             | 1.15       | [1.10,1.20]     |
| South Africa                                                                                |                             | 1.98       | [1.90,2.05]     |
| Lebanon                                                                                      |                             | 0.98       | [0.95,1.01]     |
| China                                                                                        |                             | 1.14       | [1.07,1.21]     |
| Mexico                                                                                       |                             | 0.66       | [0.64,0.69]     |
| Argentina                                                                                   |                             | 0.83       | [0.79,0.87]     |

N = 8531
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