

**Lampiran 1** Kuesioner Wanita Usia Subur SDKI 2017**Variabel Independen**

| <b>Nama Variabel</b> | <b>Kode Kuesioner</b> | <b>Pertanyaan</b>                                                                                                                                                                                                                                                                                                          | <b>Kode Variabel</b> |
|----------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Jenis Kelamin Anak   | 213                   | Apakah (NAMA) laki-laki atau perempuan?<br>1. laki-laki<br>2. perempuan                                                                                                                                                                                                                                                    | b4                   |
| Usia Ibu             | 106                   | Berapa umur Ibu/Saudari pada ulang tahun terakhir?                                                                                                                                                                                                                                                                         | v012                 |
| Pendidikan Ibu       | 108                   | Apa jenjang pendidikan tertinggi yang pernah/ sedang Ibu/Saudari duduki: sekolah dasar, sekolah menengah pertama, sekolah menengah atas, akademi, atau universitas?<br>1. SD/MI sederajat<br>2. SMP/MTS sederajat<br>3. SMA/SMK/MA sederajat<br>4. DI/DII/DIII/Akademi<br>5. D IV/ Universitas                             | v106                 |
| Pekerjaan Ibu        | 909                   | Selain mengurus rumah tangga, apakah ibu/saudari bekerja minimal satu jam terus-menerus dalam tujuh hari yang lalu?<br>1. ya<br>2. tidak                                                                                                                                                                                   | v716                 |
| Pendidikan Ayah      | 904                   | Apakah jenjang sekolah tertinggi yang pernah/sedang diduduki oleh sumai/pasangan ibu: sekolah dasar, sekolah menengah pertama, sekolah menengah atas, akademi, atau universitas?<br>1. SD/MI sederajat<br>2. SMP/MTS sederajat<br>3. SMA/SMK/MA sederajat<br>4. DI/DII/DIII/Akademi<br>5. DIV/Universitas<br>8. tidak tahu | v701                 |
| Pekerjaan Ayah       | 908                   | Apakah suami/pasangan ibu bekerja dalam 7 hari yang lalu?<br>1. ya<br>2. tidak                                                                                                                                                                                                                                             | v704a                |

|                         |         |                                                                                                                                              |           |
|-------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|                         |         | 8. tidak tahu                                                                                                                                |           |
| Daerah Tempat Tinggal   | 5       | Daerah:<br>Perkotaan -1-<br>Pedesaan -2-                                                                                                     | v102      |
| Kuintil Kekayaan        | 117-123 | Responden ditanyakan mengenai kepemilikan asetaset, mulai dari ternak, tanah, barang elektronik, alat transportasi, hingga rekening keuangan | v190      |
| Status Merokok Ibu      | 1104    | Apakah Anda saat ini merokok?                                                                                                                | v463a     |
| Bahan Bakar Memasak     | 113     | Jenis bahan bakar apa yang paling sering digunakan oleh rumah tangga Anda memasak?                                                           | v161      |
| Sumber Air Minum        | 101     | Apa sumber utama air minum untuk rumah tangga ini?                                                                                           | v113      |
| Tipe toilet             | 109     | Apa jenis kakus yang biasanya digunakan anggota rumah tangga ini?                                                                            | v116      |
| Pemberian ASI Eksklusif | 469     | Apakah Ibu/Saudari masih menyusui (NAMA)?                                                                                                    | m34       |
|                         | 467     | Dalam 3 hari setelah melahirkan sebelum air susu Ibu/Saudari keluar (mengalir) dengan lancar, apakah (NAMA) diberikan minuman selain ASI?    | m4        |
|                         | 467A    | Minuman apa saja yang diberikan kepada (NAMA)                                                                                                | m55a-m55z |
| Status Menyusui         | 464     | Apakah Anda pernah menyusui (NAMA)?                                                                                                          | m4        |

### Variabel *Dependen*

| Nama Variabel                   | Kode Kuesioner | Pertanyaan                                                                                                                                      | Kode Variabel |
|---------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Infeksi Saluran Pernapasan Akut | 621            | Ketika (NAMA) sakit batuk, apakah ia bernapas lebih cepat atau tersengal-sengal dalam dua minggu terakhir?<br>1. ya<br>2. tidak<br>8. tidak tau | h31b          |
|                                 | 622            | Apakah napas cepat atau tersengal-                                                                                                              | h31c          |

|  |  |                                                                                                                                                                                                                                                  |  |
|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | <p>sengal yang dialami disebabkan permasalahan pada dada atau karena hidung tersumbat/meler?</p> <ol style="list-style-type: none"><li>1. dada saja</li><li>2. hidung saja</li><li>3. keduanya</li><li>6. lainnya</li><li>8. tidak tau</li></ol> |  |
|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

## Lampiran 2 Izin Menggunakan Dataset Survei Demografi dan Kesehatan Indonesia 2017 dari DHS Program



Mar 25, 2021

Dwi Adven Erina Putri  
Airlangga University  
Indonesia  
Phone: +6283129525797  
Email: dwi.adven.erina-2017@fkip.unair.ac.id  
Request Date: 03/25/2021

Dear Dwi Adven Erina Putri:

This is to confirm that you are approved to use the following Survey Datasets for your registered research paper titled: "Determinants Acute Respiratory Infection (ARI) among children 6-35 months in Indonesia: Indonesian Demographic and Health Survey (IDHS) 2017":

### Indonesia

To access the datasets, please login at: [https://www.dhsprogram.com/data/dataset\\_admin/login\\_main.cfm](https://www.dhsprogram.com/data/dataset_admin/login_main.cfm). The user name is the registered email address, and the password is the one selected during registration.

The IRB-approved procedures for DHS public-use datasets do not in any way allow respondents, households, or sample communities to be identified. There are no names of individuals or household addresses in the data files. The geographic identifiers only go down to the regional level (where regions are typically very large geographical areas encompassing several states/provinces). Each enumeration area (Primary Sampling Unit) has a PSU number in the data file, but the PSU numbers do not have any labels to indicate their names or locations. In surveys that collect GIS coordinates in the field, the coordinates are only for the enumeration area (EA) as a whole, and not for individual households, and the measured coordinates are randomly displaced within a large geographic area so that specific enumeration areas cannot be identified.

The DHS Data may be used only for the purpose of statistical reporting and analysis, and only for your registered research. To use the data for another purpose, a new research project must be registered. All DHS data should be treated as confidential, and no effort should be made to identify any household or individual respondent interviewed in the survey. Also, be aware that re-distribution of any DHS micro-level data, either directly or within any tool/dashboard, is not permitted. Please reference the complete terms of use at: <https://dhsprogram.com/Data/terms-of-use.cfm>.

The data must not be passed on to other researchers without the written consent of DHS. However, if you have coresearchers registered in your account for this research paper, you are authorized to share the data with them. All data users are required to submit an electronic copy (pdf) of any reports/publications resulting from using the DHS data files to: [references@dhsprogram.com](mailto:references@dhsprogram.com).

Sincerely,

*Bridgette Wellington*

Bridgette Wellington  
Data Archivist  
The Demographic and Health Surveys (DHS) Program

530 Galther Road, Suite 500, Rockville, MD 20850 USA +1.301.407.6500 +1.301.407.6501 fax icf.com

### Lampiran 3 Hasil Analisis

#### Analisis Univariat

##### 1. Jenis Kelamin Anak

| RECODE of<br>b4 (sex of<br>child) | Freq.       | Percent | Cum.   |
|-----------------------------------|-------------|---------|--------|
| female                            | 3,679.11426 | 49.87   | 49.87  |
| male                              | 3,698.538   | 50.13   | 100.00 |
| Total                             | 7,377.6523  | 100.00  |        |

##### 2. Usia Ibu

| RECODE of<br>v012<br>(respondent<br>'s current<br>age) | Freq.      | Percent | Cum.   |
|--------------------------------------------------------|------------|---------|--------|
| 35-49                                                  | 2,007.1708 | 27.21   | 27.21  |
| 25-34                                                  | 3,879.8199 | 52.59   | 79.79  |
| 15-24                                                  | 1,490.6616 | 20.21   | 100.00 |
| Total                                                  | 7,377.6523 | 100.00  |        |

##### 3. Pendidikan Ibu

| RECODE of<br>v106<br>(highest<br>educational<br>level) | Freq.      | Percent | Cum.   |
|--------------------------------------------------------|------------|---------|--------|
| highedu                                                | 1,209.4359 | 16.39   | 16.39  |
| seconedu                                               | 4,315.3683 | 58.49   | 74.89  |
| primaryedu                                             | 1,783.7751 | 24.18   | 99.06  |
| noedu                                                  | 69.0729114 | 0.94    | 100.00 |
| Total                                                  | 7,377.6523 | 100.00  |        |

## 4. Pekerjaan Ibu

| RECODE of<br>v716<br>(respondent<br>'s<br>occupation) | Freq.      | Percent | Cum.   |
|-------------------------------------------------------|------------|---------|--------|
| No work                                               | 3,892.8873 | 52.77   | 52.77  |
| Work                                                  | 3,484.765  | 47.23   | 100.00 |
| Total                                                 | 7,377.6523 | 100.00  |        |

## 5. Pendidikan Ayah

| RECODE of<br>v701<br>(husband/pa<br>rtner's<br>education<br>level) | Freq.       | Percent | Cum.   |
|--------------------------------------------------------------------|-------------|---------|--------|
| highedu                                                            | 1,025.8046  | 13.90   | 13.90  |
| seconedu                                                           | 4,322.7685  | 58.59   | 72.50  |
| primaryedu                                                         | 1,971.0688  | 26.72   | 99.21  |
| noedu                                                              | 58.01039511 | 0.79    | 100.00 |
| Total                                                              | 7,377.6523  | 100.00  |        |

## 6. Pekerjaan Ayah

| RECODE of<br>v704a<br>(husband/pa<br>rtner<br>worked in<br>last 7<br>days/12<br>months) | Freq.      | Percent | Cum.   |
|-----------------------------------------------------------------------------------------|------------|---------|--------|
| No Work                                                                                 | 44.0604919 | 0.60    | 0.60   |
| Work                                                                                    | 7,333.5918 | 99.40   | 100.00 |
| Total                                                                                   | 7,377.6523 | 100.00  |        |

## 7. Daerah tempat tinggal

| RECODE of<br>v102 (type<br>of place of<br>residence) | Freq.      | Percent | Cum.   |
|------------------------------------------------------|------------|---------|--------|
| urban                                                | 3,613.5967 | 48.98   | 48.98  |
| rural                                                | 3,764.0556 | 51.02   | 100.00 |
| Total                                                | 7,377.6523 | 100.00  |        |

## 8. Kuintil Kekayaan

| RECODE of<br>v190<br>(wealth<br>index<br>combined) | Freq.      | Percent | Cum.   |
|----------------------------------------------------|------------|---------|--------|
| poorest                                            | 1,420.0966 | 19.25   | 19.25  |
| poorer                                             | 1,534.6464 | 20.80   | 40.05  |
| middle                                             | 1,471.8469 | 19.95   | 60.00  |
| richer                                             | 1,516.6213 | 20.56   | 80.56  |
| richest                                            | 1,434.4411 | 19.44   | 100.00 |
| Total                                              | 7,377.6523 | 100.00  |        |

## 9. Status Merokok Ibu

| RECODE of<br>v463a<br>(smokes<br>cigarettes) | Freq.      | Percent | Cum.   |
|----------------------------------------------|------------|---------|--------|
| No smoking                                   | 7,270.6018 | 98.55   | 98.55  |
| Smoking                                      | 107.050512 | 1.45    | 100.00 |
| Total                                        | 7,377.6523 | 100.00  |        |

## 10. Bahan Bakar Memasak

| RECODE of<br>v161 (type of<br>cooking fuel) | Freq.      | Percent | Cum.   |
|---------------------------------------------|------------|---------|--------|
| cleanerfuel                                 | 6,015.4836 | 81.54   | 81.54  |
| poluttingfuel                               | 1,362.1687 | 18.46   | 100.00 |
| Total                                       | 7,377.6523 | 100.00  |        |

## 11. Sumber Air Minum

| RECODE of<br>v113<br>(source of<br>drinking<br>water) | Freq.      | Percent | Cum.   |
|-------------------------------------------------------|------------|---------|--------|
| improve                                               | 6,608.4457 | 89.57   | 89.57  |
| noimprove                                             | 769.206624 | 10.43   | 100.00 |
| Total                                                 | 7,377.6523 | 100.00  |        |

## 12. Tipe toilet

| RECODE of<br>v116 (type<br>of toilet<br>facility) | Freq.       | Percent | Cum.   |
|---------------------------------------------------|-------------|---------|--------|
| improve                                           | 6,043.32657 | 81.91   | 81.91  |
| noimprove                                         | 1,334.3257  | 18.09   | 100.00 |
| Total                                             | 7,377.6523  | 100.00  |        |

## 13. Pemberian ASI eksklusif

| ex_bf | Freq.      | Percent | Cum.   |
|-------|------------|---------|--------|
| yes   | 629.913141 | 8.54    | 8.54   |
| no    | 6,747.7392 | 91.46   | 100.00 |
| Total | 7,377.6523 | 100.00  |        |



## 14. Status Menyusui

| bf_status        | Freq.      | Percent | Cum.   |
|------------------|------------|---------|--------|
| Never breastfeed | 3,470.1085 | 47.04   | 47.04  |
| Ever breastfeed  | 3,907.5438 | 52.96   | 100.00 |
| Total            | 7,377.6523 | 100.00  |        |

## 15. Kejadian ISPA

| ARI   | Freq.      | Percent | Cum.   |
|-------|------------|---------|--------|
| No    | 7,045.89   | 95.50   | 95.50  |
| Yes   | 331.762342 | 4.50    | 100.00 |
| Total | 7,377.6523 | 100.00  |        |

## Analisis Bivariat

### 1. Jenis Kelamin Anak

| RECODE of<br>b4 (sex of<br>child) | ARI        |           | Total      |
|-----------------------------------|------------|-----------|------------|
|                                   | No         | Yes       |            |
| female                            | 2,199.213  | 1,479.901 | 3,679.114  |
| male                              | 2,140.3938 | 1,558.144 | 3,698.538  |
| Total                             | 4,339.607  | 3,038.046 | 7,377.6523 |

Number of strata = 67  
Number of PSUs = 1,913

Number of obs = 7,488  
Population size = 7,377.6523  
Design df = 1,846

| RECODE of<br>b4 (sex<br>of child) | ARI   |       |       |
|-----------------------------------|-------|-------|-------|
|                                   | No    | Yes   | Total |
| female                            | .2981 | .2006 | .4987 |
| male                              | .2901 | .2112 | .5013 |
| Total                             | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 2.8025  
Design-based F(1, 1846) = 1.7761 P = 0.1828

## 2. Usia Ibu

| RECODE of<br>v012<br>(responden<br>t's<br>current<br>age) | ARI        |           | Total      |
|-----------------------------------------------------------|------------|-----------|------------|
|                                                           | No         | Yes       |            |
| 35-49                                                     | 1,251.647  | 755.52391 | 2,007.171  |
| 25-34                                                     | 2,265.643  | 1,614.177 | 3,879.82   |
| 15-24                                                     | 822.316695 | 668.34492 | 1,490.662  |
| Total                                                     | 4,339.607  | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v012<br>(responde<br>nt's<br>current<br>age) | ARI   |       |       |
|-----------------------------------------------------------|-------|-------|-------|
|                                                           | No    | Yes   | Total |
| 35-49                                                     | .1697 | .1024 | .2721 |
| 25-34                                                     | .3071 | .2188 | .5259 |
| 15-24                                                     | .1115 | .0906 | .2021 |
| Total                                                     | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(2) = 19.1717  
 Design-based F(2.00, 3683.12) = 6.4852 P = 0.0016

## 3. Pendidikan Ibu

| RECODE of<br>v106<br>(highest<br>educationa<br>l level) | ARI        |           | Total      |
|---------------------------------------------------------|------------|-----------|------------|
|                                                         | No         | Yes       |            |
| highedu                                                 | 772.8893   | 436.54663 | 1,209.436  |
| seconedu                                                | 2,536.57   | 1,778.799 | 4,315.368  |
| primaryedu                                              | 992.13785  | 791.63728 | 1,783.775  |
| noedu                                                   | 38.0097464 | 31.063165 | 69.072911  |
| Total                                                   | 4,339.607  | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v106<br>(highest<br>education<br>al level) | ARI   |       |       |
|---------------------------------------------------------|-------|-------|-------|
|                                                         | No    | Yes   | Total |
| highedu                                                 | .1048 | .0592 | .1639 |
| seconedu                                                | .3438 | .2411 | .5849 |
| primarye                                                | .1345 | .1073 | .2418 |
| noedu                                                   | .0052 | .0042 | .0094 |
| Total                                                   | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(3) = 21.1760  
 Design-based F(2.91, 5373.79) = 5.3188 P = 0.0013

## 4. Pekerjaan Ibu

| RECODE of<br>v716<br>(responden<br>t's<br>occupation<br>) | ARI       |            | Total      |
|-----------------------------------------------------------|-----------|------------|------------|
|                                                           | No        | Yes        |            |
| No work                                                   | 2,313.84  | 1,579.0476 | 3,892.887  |
| Work                                                      | 2,025.767 | 1,458.998  | 3,484.765  |
| Total                                                     | 4,339.607 | 3,038.046  | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v716<br>(responde<br>nt's<br>occupatio<br>n) | ARI   |       |       |
|-----------------------------------------------------------|-------|-------|-------|
|                                                           | No    | Yes   | Total |
| No work                                                   | .3136 | .214  | .5277 |
| Work                                                      | .2746 | .1978 | .4723 |
| Total                                                     | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 1.3132  
 Design-based F(1, 1846) = 0.8939 P = 0.3445

## 5. Pendidikan Ayah

| RECODE of<br>v701<br>(husband/p<br>artner's<br>education<br>level) | ARI       |           | Total      |
|--------------------------------------------------------------------|-----------|-----------|------------|
|                                                                    | No        | Yes       |            |
| highedu                                                            | 664.82749 | 360.9771  | 1,025.805  |
| seconedu                                                           | 2,504.1   | 1,818.668 | 4,322.768  |
| primaryedu                                                         | 1,132.798 | 838.27051 | 1,971.069  |
| noedu                                                              | 37.880722 | 20.129673 | 58.010395  |
| Total                                                              | 4,339.607 | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v701<br>(husband/<br>partner's<br>education<br>level) | ARI   |       |       |
|--------------------------------------------------------------------|-------|-------|-------|
|                                                                    | No    | Yes   | Total |
| highedu                                                            | .0901 | .0489 | .139  |
| seconedu                                                           | .3394 | .2465 | .5859 |
| primarye                                                           | .1535 | .1136 | .2672 |
| noedu                                                              | .0051 | .0027 | .0079 |
| Total                                                              | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(3) = 19.3882  
 Design-based F(2.98, 5509.13) = 4.5857 P = 0.0033

## 6. Pekerjaan Ayah

| RECODE of<br>v704a<br>(husband/p<br>artner<br>worked in<br>last 7<br>days/12<br>months) | ARI       |           | Total      |
|-----------------------------------------------------------------------------------------|-----------|-----------|------------|
|                                                                                         | No        | Yes       |            |
| No Work                                                                                 | 29.001096 | 15.059396 | 44.060492  |
| Work                                                                                    | 4,310.606 | 3,022.986 | 7,333.5918 |
| Total                                                                                   | 4,339.607 | 3,038.046 | 7,377.6523 |

Number of strata = 67  
Number of PSUs = 1,913

Number of obs = 7,488  
Population size = 7,377.6523  
Design df = 1,846

| RECODE of<br>v704a<br>(husband/<br>partner<br>worked in<br>last 7<br>days/12<br>months) | ARI   |       |       |
|-----------------------------------------------------------------------------------------|-------|-------|-------|
|                                                                                         | No    | Yes   | Total |
| No Work                                                                                 | .0039 | .002  | .006  |
| Work                                                                                    | .5843 | .4097 | .994  |
| Total                                                                                   | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 0.9101  
Design-based F(1, 1846) = 0.7890 P = 0.3745

## 7. Daerah tempat tinggal

| RECODE of<br>v102 (type<br>of place<br>of<br>residence) | ARI        |           | Total      |
|---------------------------------------------------------|------------|-----------|------------|
|                                                         | No         | Yes       |            |
| urban                                                   | 2,150.356  | 1,463.241 | 3,613.597  |
| rural                                                   | 2,189.2507 | 1,574.805 | 3,764.056  |
| Total                                                   | 4,339.607  | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v102<br>(type of<br>place of<br>residence<br>) | ARI   |       |       |
|-------------------------------------------------------------|-------|-------|-------|
|                                                             | No    | Yes   | Total |
| urban                                                       | .2915 | .1983 | .4898 |
| rural                                                       | .2967 | .2135 | .5102 |
| Total                                                       | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 1.3982  
 Design-based F(1, 1846) = 0.8353 P = 0.3609



## 8. Kuintil Kekayaan

| RECODE of<br>v190<br>(wealth<br>index<br>combined) | ARI       |           | Total      |
|----------------------------------------------------|-----------|-----------|------------|
|                                                    | No        | Yes       |            |
| poorest                                            | 840.16727 | 579.92935 | 1,420.097  |
| poorer                                             | 831.54985 | 703.0965  | 1,534.646  |
| middle                                             | 849.09065 | 622.75624 | 1,471.847  |
| richer                                             | 893.30607 | 623.31528 | 1,516.621  |
| richest                                            | 925.49286 | 508.94824 | 1,434.441  |
| Total                                              | 4,339.607 | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v190<br>(wealth<br>index<br>combined) | ARI   |       |       |
|----------------------------------------------------|-------|-------|-------|
|                                                    | No    | Yes   | Total |
| poorest                                            | .1139 | .0786 | .1925 |
| poorer                                             | .1127 | .0953 | .208  |
| middle                                             | .1151 | .0844 | .1995 |
| richer                                             | .1211 | .0845 | .2056 |
| richest                                            | .1254 | .069  | .1944 |
| Total                                              | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected  $\chi^2(4)$  = 34.2020  
 Design-based  $F(3.97, 7331.71)$  = 5.4961 P = 0.0002

## 9. Status Merokok Ibu

| RECODE of<br>v463a<br>(smokes<br>cigarettes<br>) | ARI       |           | Total      |
|--------------------------------------------------|-----------|-----------|------------|
|                                                  | No        | Yes       |            |
| No smoking                                       | 4,278.9   | 2,991.702 | 7,270.602  |
| Smoking                                          | 60.706755 | 46.343757 | 107.05051  |
| Total                                            | 4,339.607 | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v463a<br>(smokes<br>cigarette<br>s) | ARI   |       |       |
|--------------------------------------------------|-------|-------|-------|
|                                                  | No    | Yes   | Total |
| No smoki                                         | .58   | .4055 | .9855 |
| Smoking                                          | .0082 | .0063 | .0145 |
| Total                                            | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 0.2031  
 Design-based F(1, 1846) = 0.1369 P = 0.7114

## 10. Bahan Bakar Memasak

| RECODE of<br>v161 (type of<br>cooking fuel) | ARI       |           | Total      |
|---------------------------------------------|-----------|-----------|------------|
|                                             | No        | Yes       |            |
| cleanerfuel                                 | 3,544.231 | 2,471.252 | 6,015.484  |
| poluttingfuel                               | 795.37546 | 566.79325 | 1,362.169  |
| Total                                       | 4,339.607 | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v161<br>(type of<br>cooking<br>fuel) | ARI   |       |       |
|---------------------------------------------------|-------|-------|-------|
|                                                   | No    | Yes   | Total |
| cleanerf                                          | .4804 | .335  | .8154 |
| poluttin                                          | .1078 | .0768 | .1846 |
| Total                                             | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 0.1298  
 Design-based F(1, 1846) = 0.0801 P = 0.7772

## 11. Sumber Air Minum

| RECODE of<br>v113<br>(source of<br>drinking<br>water) | ARI       |           | Total      |
|-------------------------------------------------------|-----------|-----------|------------|
|                                                       | No        | Yes       |            |
| improve                                               | 3,884.93  | 2,723.515 | 6,608.446  |
| noimprove                                             | 454.67644 | 314.53018 | 769.20662  |
| Total                                                 | 4,339.607 | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v113<br>(source<br>of<br>drinking<br>water) | ARI   |       |       |
|----------------------------------------------------------|-------|-------|-------|
|                                                          | No    | Yes   | Total |
| improve                                                  | .5266 | .3692 | .8957 |
| noimprov                                                 | .0616 | .0426 | .1043 |
| Total                                                    | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 0.0300  
 Design-based F(1, 1846) = 0.0231 P = 0.8792

## 12. Tipe toilet

| RECODE of<br>v116 (type<br>of toilet<br>facility) | ARI       |           | Total      |
|---------------------------------------------------|-----------|-----------|------------|
|                                                   | No        | Yes       |            |
| improve                                           | 3,584.588 | 2,458.739 | 6,043.327  |
| noimprove                                         | 755.01896 | 579.30677 | 1,334.326  |
| Total                                             | 4,339.607 | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| RECODE of<br>v116<br>(type of<br>toilet<br>facility) | ARI   |       |       |
|------------------------------------------------------|-------|-------|-------|
|                                                      | No    | Yes   | Total |
| improve                                              | .4859 | .3333 | .8191 |
| noimprov                                             | .1023 | .0785 | .1809 |
| Total                                                | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 3.4146  
 Design-based F(1, 1846) = 2.3601 P = 0.1246

## 13. Pemberian ASI eksklusif

| ex_bf | ARI        |           | Total      |
|-------|------------|-----------|------------|
|       | No         | Yes       |            |
| yes   | 399.61209  | 230.30106 | 629.91314  |
| no    | 3,939.9946 | 2,807.745 | 6,747.739  |
| Total | 4,339.607  | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| ex_bf | ARI   |       |       |
|-------|-------|-------|-------|
|       | No    | Yes   | Total |
| yes   | .0542 | .0312 | .0854 |
| no    | .534  | .3806 | .9146 |
| Total | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 6.1551  
 Design-based F(1, 1846) = 4.3137 P = 0.0379

#### 14. Status Menyusui

| bf_status        | ARI       |           | Total      |
|------------------|-----------|-----------|------------|
|                  | No        | Yes       |            |
| Never breastfeed | 2,020.704 | 1,449.405 | 3,470.108  |
| Ever breastfeed  | 2,318.903 | 1,588.641 | 3,907.544  |
| Total            | 4,339.607 | 3,038.046 | 7,377.6523 |

Number of strata = 67  
 Number of PSUs = 1,913

Number of obs = 7,488  
 Population size = 7,377.6523  
 Design df = 1,846

| bf_status | ARI   |       |       |
|-----------|-------|-------|-------|
|           | No    | Yes   | Total |
| Never br  | .2739 | .1965 | .4704 |
| Ever bre  | .3143 | .2153 | .5296 |
| Total     | .5882 | .4118 | 1     |

Key: cell proportion

Pearson:

Uncorrected chi2(1) = 0.9532  
 Design-based F(1, 1846) = 0.6197 P = 0.4313

**Analisis Multivariat**

Survey: Logistic regression

|                  |   |       |                 |   |            |
|------------------|---|-------|-----------------|---|------------|
| Number of strata | = | 67    | Number of obs   | = | 7,488      |
| Number of PSUs   | = | 1,913 | Population size | = | 7,377.6523 |
|                  |   |       | Design df       | = | 1,846      |
|                  |   |       | F( 10, 1837)    | = | 4.65       |
|                  |   |       | Prob > F        | = | 0.0000     |

| ARI         | Linearized |           |       |       |          | [95% Conf. Interval] |
|-------------|------------|-----------|-------|-------|----------|----------------------|
|             | Odds Ratio | Std. Err. | t     | P> t  |          |                      |
| _Imom_age_1 | 1.205687   | .084247   | 2.68  | 0.007 | 1.05128  | 1.382774             |
| _Imom_age_2 | 1.329152   | .115587   | 3.27  | 0.001 | 1.120735 | 1.576327             |
| _Imom_edu_1 | 1.131155   | .0948929  | 1.47  | 0.142 | .9595503 | 1.333449             |
| _Imom_edu_2 | 1.345783   | .133005   | 3.00  | 0.003 | 1.108651 | 1.633636             |
| _Imom_edu_3 | 1.457515   | .4021557  | 1.37  | 0.172 | .8483914 | 2.503972             |
| _Iwealth_1  | 1.273704   | .1180262  | 2.61  | 0.009 | 1.062041 | 1.527551             |
| _Iwealth_2  | 1.125758   | .111402   | 1.20  | 0.231 | .9271654 | 1.366888             |
| _Iwealth_3  | 1.108339   | .1111535  | 1.03  | 0.305 | .9104393 | 1.349256             |
| _Iwealth_4  | .9298586   | .0947964  | -0.71 | 0.476 | .7613466 | 1.135668             |
| ex_bf       | 1.278531   | .1326435  | 2.37  | 0.018 | 1.043143 | 1.567035             |
| _cons       | .3794247   | .0571638  | -6.43 | 0.000 | .2823581 | .50986               |