Supplementary Figure 1. Model results for 5q0 analysis by province, grouped by region.
Aim 1 Supplementary Figures

**Lesser Sunda Islands**

**Bali (S1)**

**Nusa Tenggara Barat (S2)**
Aim 1 Supplementary Figures

Sumatra
Lampung (18)

Sumatra
Bangka Belitung (19)
Supplementary Figure 2. Model results for 45q15 analysis, grouped by region.

Indonesia (1); female; data type sibs_small
Years covered: 31

Indonesia (1); male; data type sibs_small
Years covered: 31
Aim 1 Supplementary Figures

DKI Jakarta (31); female; data type sibs_small
Years covered: 10

DKI Jakarta (31); male; data type sibs_small
Years covered: 10
Aim 1 Supplementary Figures

Jawa Timur (35); female; data type sibs_small
Years covered: 11

LDI

Edu

HIV

Jawa Timur (35); male; data type sibs_small
Years covered: 10

LDI

Edu

HIV
Aim 1 Supplementary Figures

Kalimantan Selatan (63); female; data type sibs_small
Years covered: 8

Kalimantan Selatan (63); male; data type sibs_small
Years covered: 10
Aim 1 Supplementary Figures

Aceh (11); female; data type sibs_small
Years covered: 4

LDA

Edu

HIV

Aceh (11); male; data type sibs_small
Years covered: 6

LDA

Edu

HIV
Aim 1 Supplementary Figures

Riau (14); female; data type sibs_small
Years covered: 6

- LDI
- Edu
- HIV

Riau (14); male; data type sibs_small
Years covered: 5
Aim 1 Supplementary Figures

Lampung (18); female; data type sibs_small
Years covered: 8

Lampung (18); male; data type sibs_small
Years covered: 10
Aim 1 Supplementary Figures

Kepulauan Riau (21); female; data type sibs_small
Years covered: 5

Kepulauan Riau (21); male; data type sibs_small
Years covered: 5
Papua (94); female; data type sibs_small
Years covered: 4

Papua (94); male; data type sibs_small
Years covered: 4
Supplementary Figure 3. Log(mortality) by age of 24 life tables included in the analysis for over-5 deaths.

Aim 1 Supplementary Figures

- **Supplementary Figure 3.** Log(mortality) by age of 24 life tables included in the analysis for over-5 deaths.

- **Supplementary Figure 3a.** Log(Mortality) for Jawa Barat 1999 female.
- **Supplementary Figure 3b.** Log(Mortality) for Jawa Barat 2004 female.
- **Supplementary Figure 3c.** Log(Mortality) for Jawa Tengah 1999 female.

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Aim 1 Supplementary Figures

**Log(Mortality)**

**Jawa Timur 1999 female**

- 

**Log(Mortality)**

**Jawa Timur 2004 female**

- 

**Log(Mortality)**

**DKI Jakarta 2004 male**

- 

- LIs aggregated in provinces with pop-sex<=0M and within 10 years of each other.
Aim 1 Supplementary Figures

Log(Mortality)  
Jawa Barat 1999 male

Log(Mortality)  
Jawa Barat 2004 male

Log(Mortality)  
Jawa Tengah 1999 male

LTs aggregated in provinces with pop-sex>4M and within 10 years of each other.
Aim 1 Supplementary Figures

Log(Mortality)
Jawa Tengah 2004 male

Log(Mortality)
Jawa Timur 2004 male

Log(Mortality)
Kalimantan Barat 1999 male

LTs aggregated in provinces with pop-sex<10M and within 10 years of each other
Aim 1 Supplementary Figures

**Log(Mortality)**

Kalimantan Selatan 2005 male

Log(mortality) vs age for different datasets: SUSENAS, CENSUS, and CENSUS/SUSENAS. LTs are aggregated in provinces with pop-sex>40M and within 10 years of each other.

**Log(Mortality)**

Sulawesi Selatan 2004 male

Log(mortality) vs age for different datasets: SUSENAS, CENSUS, and CENSUS/SUSENAS. LTs are aggregated in provinces with pop-sex>40M and within 10 years of each other.
Supplementary Figure 4. Percent change in age-specific mortality rates in Indonesia from 2000 to 2015.
Supplementary Figure 5. Change in age-specific mortality rate from 2000 to 2015 by sex for each province. Note: y-axis is in log scale.
Aim 1 Supplementary Figures

Riau

Mortality rate 2000 to 2015

Age

Male
Female

Jambi

Mortality rate 2000 to 2015

Age

Male
Female
Aim 1 Supplementary Figures

Kalimantan Utara

Sulawesi Utara

Mortality rate 2000 to 2015

Age

Male
Female
Aim 1 Supplementary Figures

**Sulawesi Tenggara**

Mortality rate 2000 to 2015

**Gorontalo**

Mortality rate 2000 to 2015

Male
Female
Supplementary Figure 6. Age distributions of deaths for each province in 1990, 2000, and 2015 for coarse age groups.
Supplementary Figure 7. Mortality rates in Indonesia in 1990, 2000, and 2015 by age group and sex (in orange), compared to estimates from GBD 2016 (in dark green).
Supplementary Figure 8. Life expectancy at birth in Indonesia year and sex, compared to estimates from GBD 2016.
Supplementary Figure 9. Age distribution of deaths in Indonesia in 2015 by sex, compared to estimates from GBD 2016.

**Age distribution of predicted deaths, Females 2015**

- Age group 80+
- Age group 0-27 days

**Age distribution of GBD deaths, Females 2015**

Legend:
- 0
- .1
- 1
- 5
- 10
- 15
- 20
- 25
- 30
- 35
- 40
- 45
- 50
- 55
- 60
- 65
- 70
- 75
- 80