

## Box 1 Variables selected to build the decision tree

### ***Mortality-related variables:***

Death rates per 100 000 population for all cancers (CANCER), coronary heart disease (CHD), stroke (STROKE), HIV/AIDS (HIV\_AIDS), lung disease (LUNGD), kidney disease (KD), hypertension (HTEN), liver disease (LIVERD), alcohol use (ALCOHOL), drug use (DRUG), and road traffic accidents (RTA)

### ***Health and environment-related variables:***

Percentage of the urban population using improved drinking-water sources (DWS\_U), percentage of the rural population using improved drinking-water sources (DWS\_R), percentage of the population using improved sanitation facilities (SF), carbon dioxide emissions as metric tons per capita (CO2), forest area as percentage of land (FOREST), and food safety as a percent of the average of all indicators that reflect the level of performance or achievement of the International Health Regulations Food Safety (FOOD)

### ***Child health-related variables:***

Measles immunization (ImMeasles), and diphtheria, pertussis and tetanus immunization (ImDPT) as the percent of children immunized aged 12–23 months

### ***Economy-related variables:***

Total health expenditure as a percent of gross domestic product (HEoGDP), public health expenditure as a percent of total health expenditure (HEoTHE), public health expenditure as a percent of government expenditure (HEoGE), and health expenditure in US\$ per capita (HEpC)

### ***Demography-related variables:***

Total fertility rate as births per woman (FR) and population growth as annual percent (PG)