GENERAL INFORMATION

This dataset is the property of the Khazeni Lab at the Stanford University Department of Pulmonary & Critical Care Medicine. Please use the following citation:

> Patel, R.B., Mathur, M.B., Gould, M., Uyeki, T.M., Bhattacharya, J., Xiao, Y., Khazeni, N. (2014) Demographic and Clinical Predictors of Mortality from Highly Pathogenic Avian Influenza A (H5N1) Virus Infection: CART Analysis of International Cases. *PLoS One.*

The dataset is in .txt format and can be read into R with the following command:

```
dataset = read.table("[NO EDIT] Dataset for website", sep=",", header = TRUE)
```

DATA DICTIONARY

For binary variables presented as questions below, 1 indicates a "yes" and 0 indicates "no."

country: The country in which the case occurred

city: The city in which the case occurred

year: The year the case occurred

month: The month the case occurred (1=January, 2=February, etc.). Decimal values (e.g., 3.5) indicate uncertainty about whether the case occurred in (for example) March or April.

female: Was the case female?

age: Age (years)

respSX: Did the case present with respiratory symptoms?

pna: Did the case develop pneumonia?

mechVent: Did the case receive mechanical ventilation?

ards: Did the case develop acute respiratory distress syndrome?

death: Did the case die?

hospDelay: Delay from symptom onset to hospitalization (days)

hospDelay4: Delay from symptom onset to hospitalization (quartile)

survTime: Time from symptom onset to death (days)

antiviral: Did the case receive an antiviral medication?

labData: Are laboratory data available for the case?

path: Are pathology findings available for the case?

pcgeh: Per capita government expenditure on health for the case's country and year (USD)

pcgeh4: Per capita government expenditure on health for the case's country and year (quartile)

pcteh: Per capita total expenditure on health for the case's country and year (USD)

pcteh4: Per capita total expenditure on health for the case's country and year (quartile)

comorbid: Known comorbidities

complic: Complications of infection

whoCase: Was the case listed in the WHO reporting system?

hemisphere: The hemisphere in which the case occurred. Cases in Indonesia, Djibouti, and Nigeria were classified as Equatorial; all others were classified as Northern.

season: The season in which the case occurred (defining summer as June–August, fall as September–November, winter as December– February, and spring as March–May)

ageCat4: Age, categories (0–4 years, >4–18 years, >18–25 years, >25 years)

countryCat: Country, categories (Indonesia, Egypt, Other)

sickBird: Did the case have contact with a symptomatic bird prior to infection?

birdContact: Did the case have contact with any birds prior to infection?