**Mortality Data Description**

The data you have been given is from a famous study titled the SUPPORT study, in which researchers tried to develop models for short-term mortality predictions of terminally ill patients and to help develop tools to aid clinicians in communicating information to these patients about their prognoses. You will use this data to build a model to predict 6-month mortality. The data set, “MortData\_student.csv”, has multiple attributes (as shown below) and an output variable, “death.”

slos: length of stay

dzclass: disease class

num.co: Comorbidities – presence of two or more diseases

scoma: coma score

avtisst: Care intensity

meanbp: mean blood measure

wblc: White blood cell count

hrt: heart beat, high is bad

temp: might get Fahrenheit results

pafi: blood gases (might be missing bc of ventilation, several times sicker)

alb: liver, low is bad

bili: liver, high is bad

crea: kidney, high is bad

sod: sodium

ASI = HR / MBP

death: death within 180 days, 1 = yes, 0 = no

shock index: heart rate/sbp

(SI)

ARF: Acute Respiratory failure (usually multiple organ failure starts from lungs)

COPD: Heart Failure