Perspective of Computational Modelling

Problem Set #1

Due Monday, Jan. 9 at 11:30 am

Xingyun Wu

Problem 1

Problem 2

(a)

Dependent variable: how long popular musicians live (in years)

Independent variables: age, gender, education, working hours, location, marriage, type of music

Equation:

(b) [must predicted lifespan ( in years) of a particular musician]

(c)

(d) working hours

(e) demographic characteristics are necessary, others are what I think would influence how long the popular musicians live. (may need citation?)

(f) The steps I would take to do the preliminary test:

1. Gathering data from Internet

2. Data cleaning in statistics software

3. The relationships should be linear. Run the linear regression model in statistics software and