Part 1a: Knowledge of QDM

For this paper, we will create 1 multiple linear regression (Y1) and up to 4 logistic regression models (Y2-Y4)

Your Y variables are:

* Y3 = INFORMED Where they heard about QDM
* Y1 = KNOWLEDGE1 Percentage of correct quiz questions ~
* Y2 = KNOWLEDGE2 Self-rated knowledge
* Y3 = KNOWLEDGE3 Dummy whether QDM on hunting land
* Y4 = KNOWLEDGE4 Timeline
* Y5 = KNOWLEDGE5 Affect rut

These all need to be turned into what are called dummy variables, written as either 0 or 1 in your data sheet, many already are this way.

Your X variables are:

* X variables grouped by overarching themes in bold
  + **Demographics** (age, race (column N), gender, education, live/hunt in state as a dummy (column M), income)+
  + **Hunting Intensity Level** (e.g. avid hunter or more casual hunter) (Deer License 2021-2022 (Column V), # Deer (Column W), #Deer this season (Column AG)+
  + **Public vs. private land** Type of Land participant hunts on (Column Y)+
  + **Motivations** (Motivation 1 Experience Nature (Column Z), Challenge of the hunt (Column AA), Manage Deer Populations (Column AB), Social Interactions (Column AC), Venison (Column AD), Solitude (Column AE), Trophy (Column AF)+

Part 1b: Attitudes/Opinions of QDM

Your Y variables are:

* Y1 = ATTITUDE1 Dummy whether they want QDM implemented on hunting land ~
* Y2 = ATTITUDE2 Dummy whether they want state funding to implement QDM
* Y3 = OPINION1 Priorities of QDM
* Y4 = OPINION2 What makes QDM successful
* Y5 = OPINION3 Manage deer habitat
* Y6 = OPINION4 Importance of food plots ~
* Y7 = OPINION5 Supplement poor condition
* Y8 = OPINION6 Protect females
* Y9 = OPINION7 # Antlered deer harvested
* Y10 = PREFERENCE1 Dummy small vs large buck ~
* Y11 = PREFERENCE2 Dummy buck vs doe
* Y12 = PREFERENCE3 Carrying capacity
* Y13 = PREFERENCE4 Food plot vs supplemental feed

These all need to be turned into what are called dummy variables, written as either 0 or 1 in your data sheet, many already are this way.

Your X variables are:

* X variables grouped by overarching themes in bold
  + **Demographics** (age, race (+ethnicity), gender, education, live/hunt in state as a dummy, income, wildlife profession)+
  + **Hunting Intensity Level** (e.g. avid hunter or more casual hunter) (Deer License 2021-2022 (Column V), # Deer (Column W), #Deer this season (Column AG)+
  + **Public vs. private land** Type of Land participant hunts on (Column Y)+
  + **Motivations** (Motivation 1 Experience Nature (Column Z), Challenge of the hunt (Column AA), Manage Deer Populations (Column AB), Social Interactions (Column AC), Venison (Column AD), Solitude (Column AE), Trophy (Column AF)+

Part 2: Relationship between QDM and CWD

Your Y variables are:

* Y1 = KNOWLEDGE1 CWD in hunted deer
* Y2 = KNOWLEDGE2 Older males test positive +
* Y3 = KNOWLEDGE3 Older males transmit ~
* Y4 = KNOWLEDGE4 Harvest older males CWD outbreak
* Y5 = CONCERN1 Consuming positive deer
* Y6 = CONCERN2 CWD encroach on hunted deer
* Y7 = PREFERENCE1 Harvest doe over buck in CWD area [compare to earlier doe vs buck]
* Y8 = PREFERENCE2 Implement QDM on CWD land
* Y9 = ATTITUDE QDM inconsistent with CWD management

Your X variables are:

* X variables grouped by overarching themes in bold
  + **Demographics** (age, race (column N), gender, education, live/hunt in state as a dummy (column M), income, wildlife profession)+
  + **Hunting Intensity Level** (e.g. avid hunter or more casual hunter) (Deer License 2021-2022 (Column V), # Deer (Column W), #Deer this season (Column AG)+
  + **Public vs. private land** Type of Land participant hunts on (Column Y)+
  + **Motivations** (Motivation 1 Experience Nature (Column Z), Challenge of the hunt (Column AA), Manage Deer Populations (Column AB), Social Interactions (Column AC), Venison (Column AD), Solitude (Column AE), Trophy (Column AF)+