

Applied Artificial Intelligence -Project3

Username-Toothless

Domain:Vehicle Accident prediction

Abstract:

In this project Bayesian probability network is designed using NETICA,which takes the user input via different variables and finally predicts the occurrence of accident.

Here 16 nature nodes are used for the prediction of Accident. The nature nodes are chosen are based on historical and significant factors causing the accident.

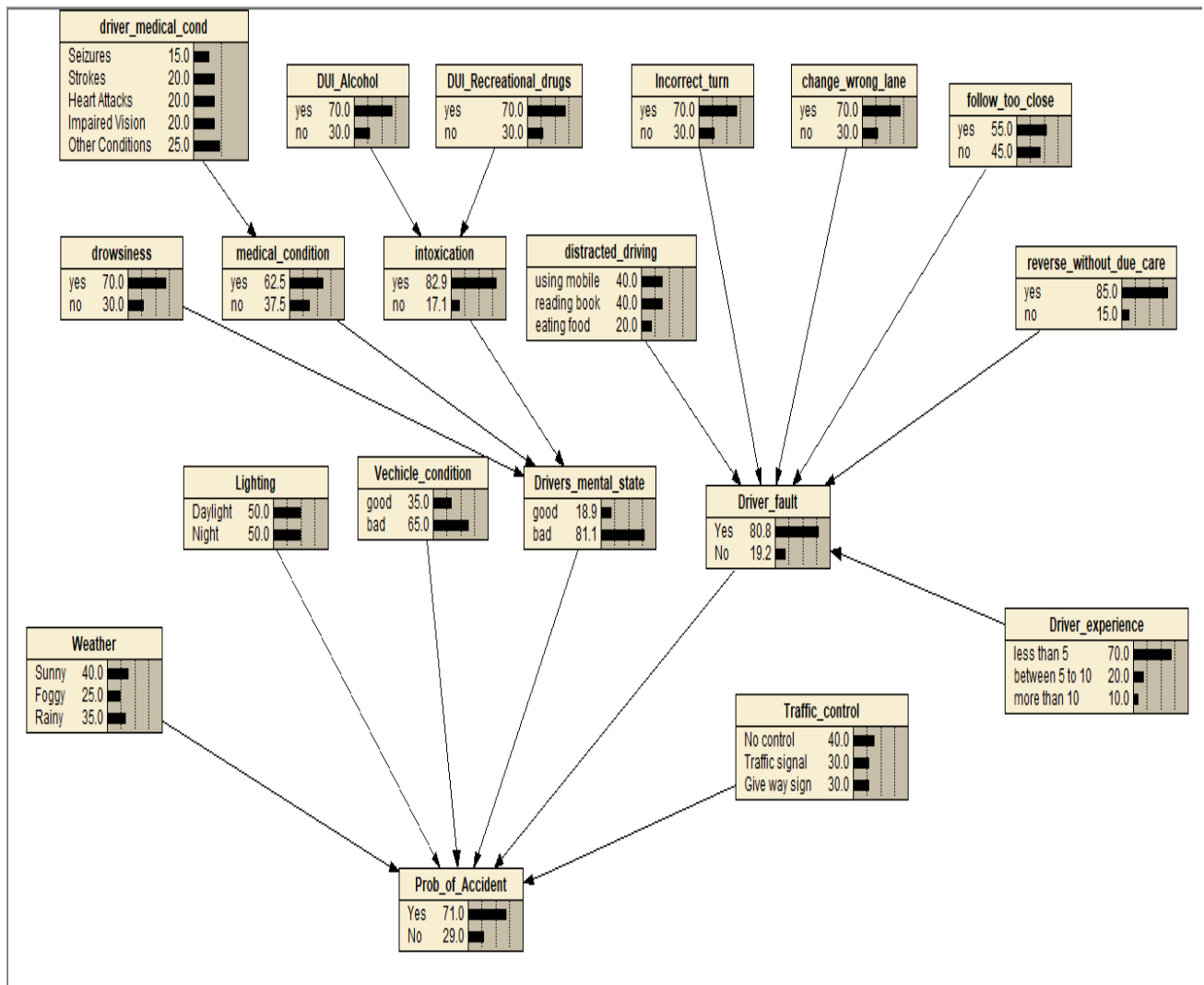
Future work may include addition of many correlated factors causing the accident. This may include the vehicle makes, vehicle last serviced,road junction types, accident country and driver's native country,etc

Instructions to run:

- 1.Open "Accident Probability.neta" on Netica
- 2.Compile it
- 3.Vary the probabilities to see changes in the result

Test Cases:

#1



Test case#2:

