Assignment 2 answers

Group 13

1.

2.

3.

4.

(because of independence)

5. No, is independent of so the chance of H does not increase when we know that V is true.

6.

(given in exercise)

7.

(C is independent of V)

8.

9.

10.

11.

12.

( given in exercise 3, is given in exercise 1)

This is of the form which is what we were expecting

13.

14.  
(Writing out the sum terms results in an expression of the form )

15.

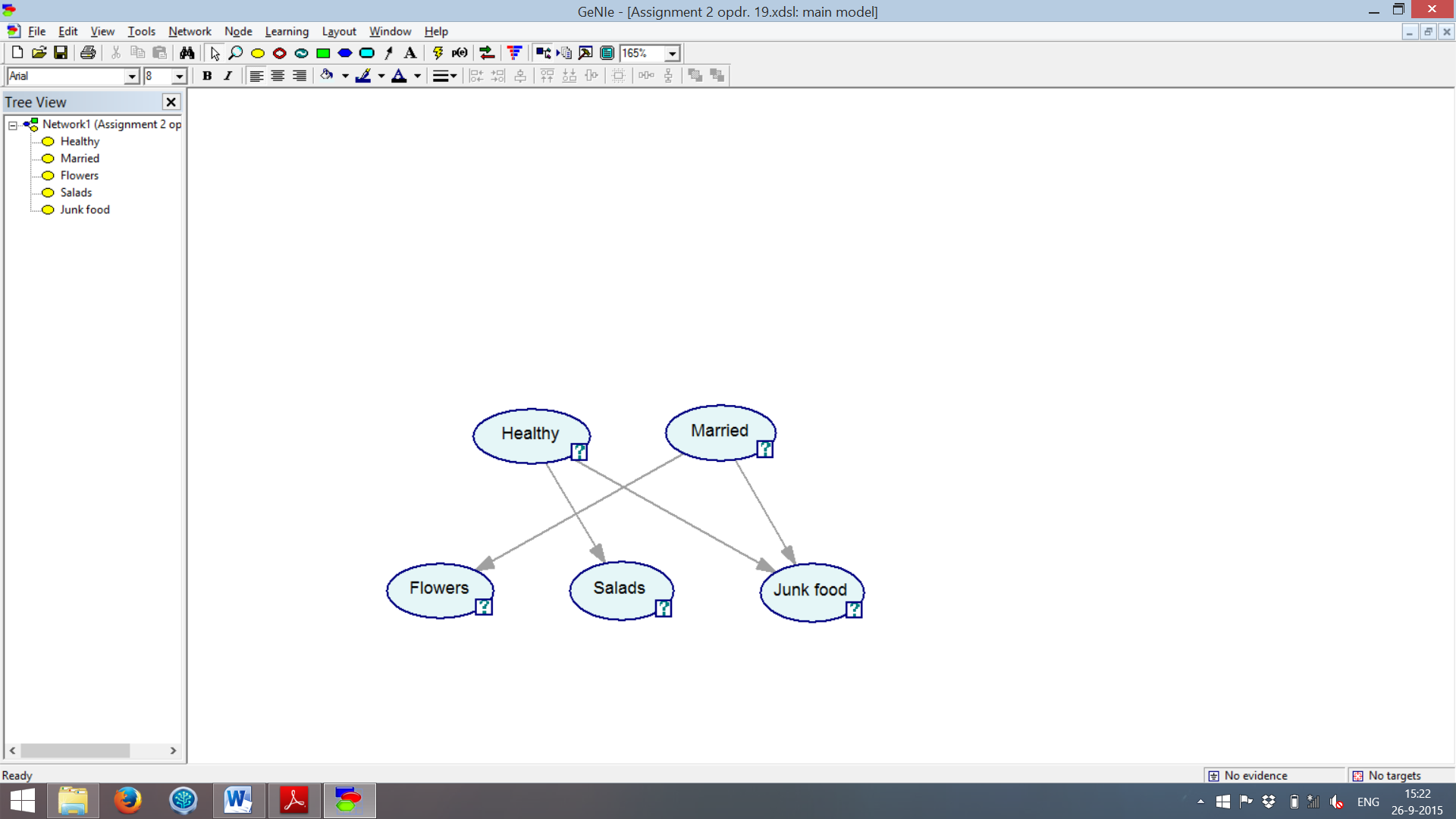
(Writing out the sum terms results in an expression of the form )

16.

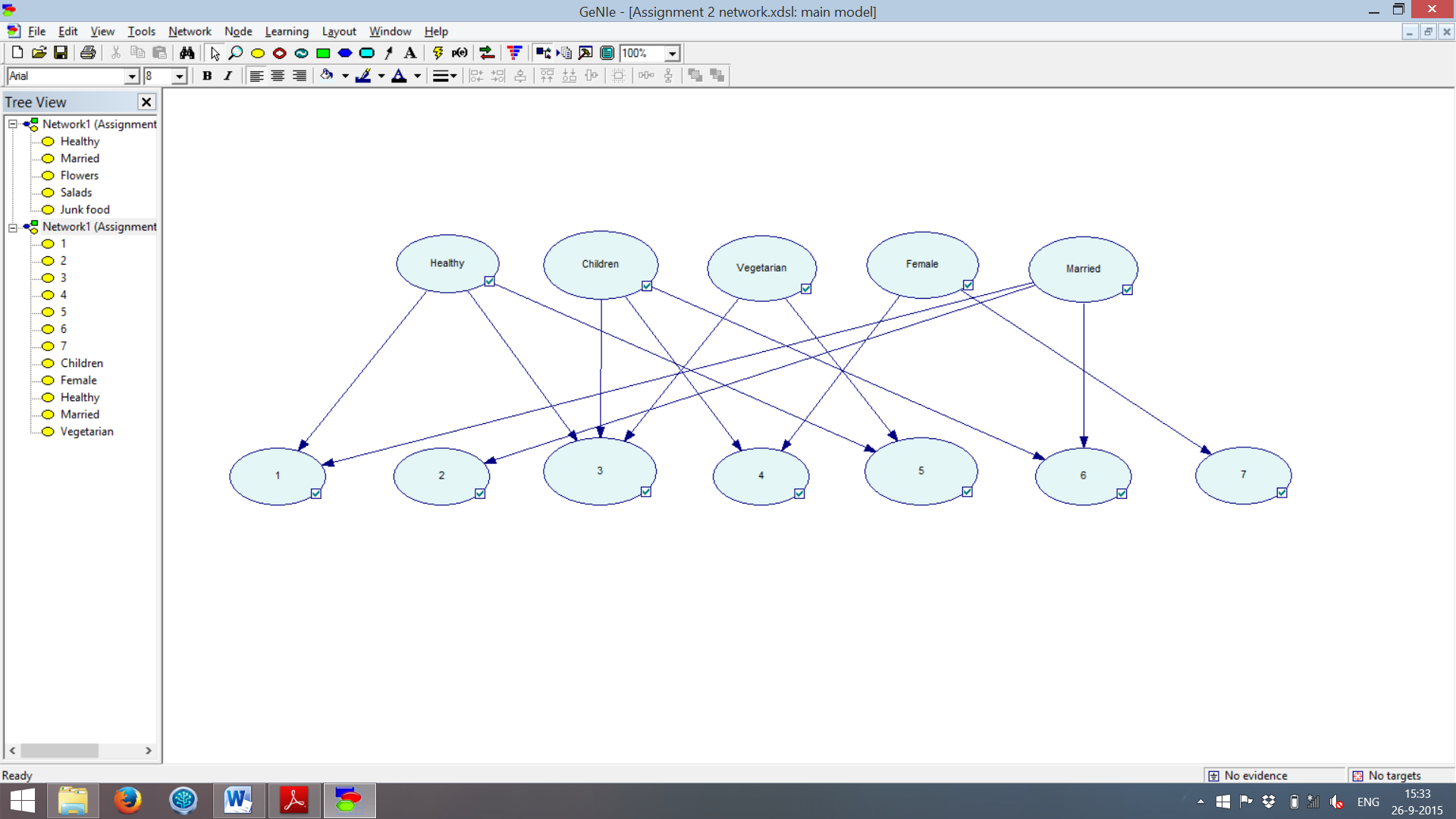
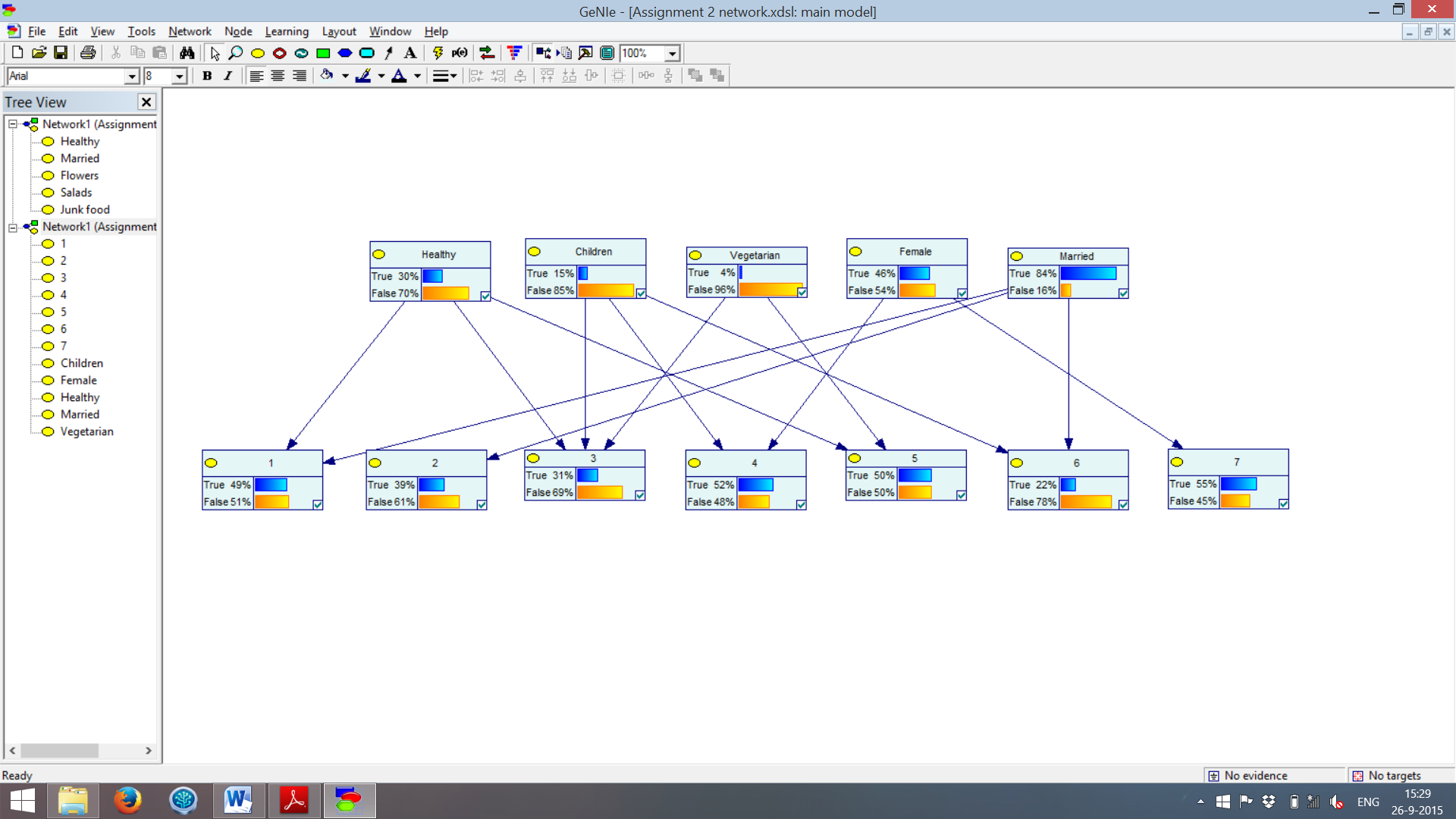
17.

18.

19.



20.

21.  
  
22.  


23.