1. What are the total number of entries in the joint probability distribution?

Since there Boolean values for each node, it is going to be 2^n

1. What is the probability of P(feverj:flu)

Fever(true)=0.3

Fever(false)=0.7

1. What is the value of P(fluj:healthy; fluShot)?

Flu(true)=0.2

Flu(false)=0.8

1. What is the Markov Blanket of random variable Healthy?

Since markov blanket has its Parents,children and the children’s parents,

Lyme,Flu,Flushot

1. What is the Markov Blanket of random variable Fatigue?

Lyme,Flu