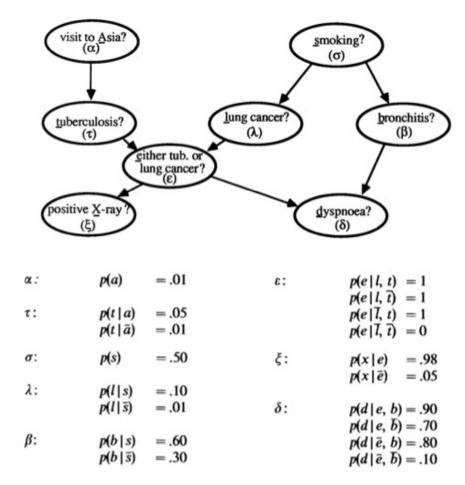
Programming Assignment (for HW 6)

Homework 6 (Programming Assignment B)

Write a program that encodes the Bayesian network given below. Your program should take as input evidence regarding the patients behavior or symptoms, and compute the a-posterior probabilities of the disease variables, i.e., tuberculosis, lung-cancer, or bronchitis. (You can also download this diagram from: here).



You will need to run your program to answer the questions posed to you in Homework 6; as before, the exercise will be timed, so that manual computation is not an option!

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