Assignment 6

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1 Solutions

a. $\overrightarrow{P}$(Visit to Asia | dyspnoea) = < **0.01045, 0.98955** >

b. $\overrightarrow{P}$(Tuberculosis | positive X-ray, ¬dyspnoea) = < **0.04066, 0.95934** >

c. P(bronchitis | ¬lung cancer) = **0.44286**

d. P(¬lung cancer | tuberculosis, ¬dyspnoea) = **0.94935**

e. $\overrightarrow{P}$(Smoking | ¬positive X-ray, bronchitis, ¬visit to asia)
= < **0.64565, 0.35435** >