Exercise I

1a) We can say that the frequency of "Malicious …" is 10 times the frequency of "Servers …"

1b) We can say that the frequency of "Malicious …" is maximally 10 times the frequency of "Servers …"

Exercise I

2a) Assume the diagram is complete. Using the leads-to and the aggregation rules we get that the frequency of "Servers …" is

(5*0.2 + 7*0.1):1y = 1.7:1y

This is valid under the assumption that the separateness of the two left-hand scenarios is maintained wrt to their respective contributions to "Servers …". If the diagram is not complete the answer above is just an upper bound.

2b) It is inconsistent if complete; consistent otherwise

2c) It is inconsistent if complete; consistent otherwise

Exercise II

1a) sometimes

1b) sometimes * 0.1 = [0.1:1y, 1:1y] = seldom

2a) (rarely*0.2 + sometimes*0.1):1y = [0, 0.002:1y] + <0.1:1y ,1:1y] =

<0.1:1y, 1.002:1y] Could be classified as sometimes or seldom

This is valid under the assumption that the separateness of the two left-hand scenarios is maintained wrt to their respective contributions to "Servers …".

2b) No, independent of whether the diagram is complete or not.