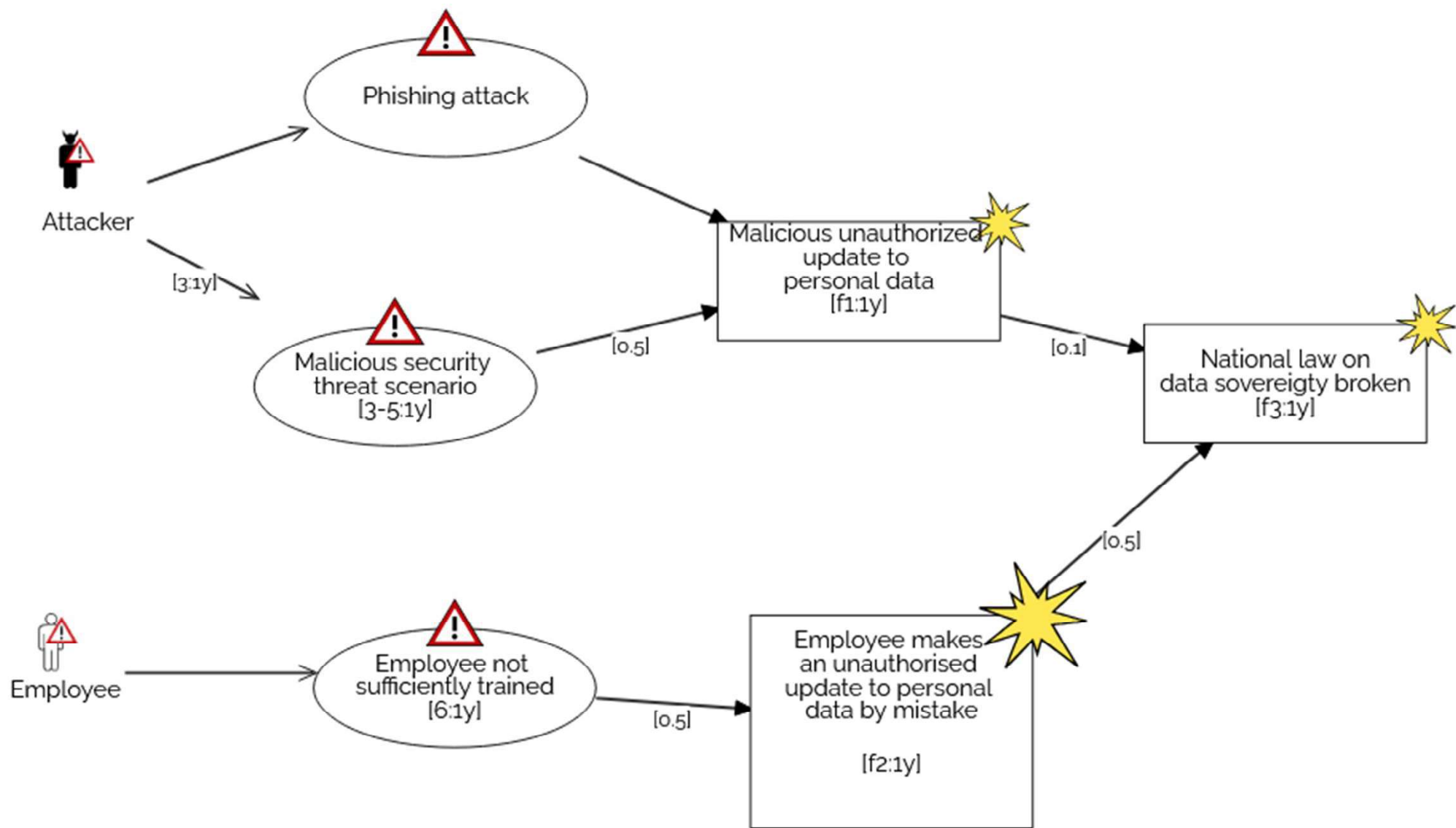




Question 4

- a. Assume we do not know whether the threat diagram is complete. What can we then deduce about the value of f_2 ?
- b. Assume we do not know whether the threat diagram is complete. What can we then deduce about the frequency of the initiate relation starting in Employee?
- c. Assume the threat diagram is complete. What can we then deduce about the value of f_1 ?
- d. Two initiate relations, one threat scenario and one leads-to relation lack likelihoods. How would you update one or more of those so that the diagram is consistent if it is incomplete but inconsistent if it is complete?
- e. Assume the diagram is complete and that $f_1=6$ and $f_2=5$. What can we then deduce about the frequency of the unwanted incident “Malicious unauthorized update to personal data OR Employee makes an unauthorised update to personal data by mistake”?