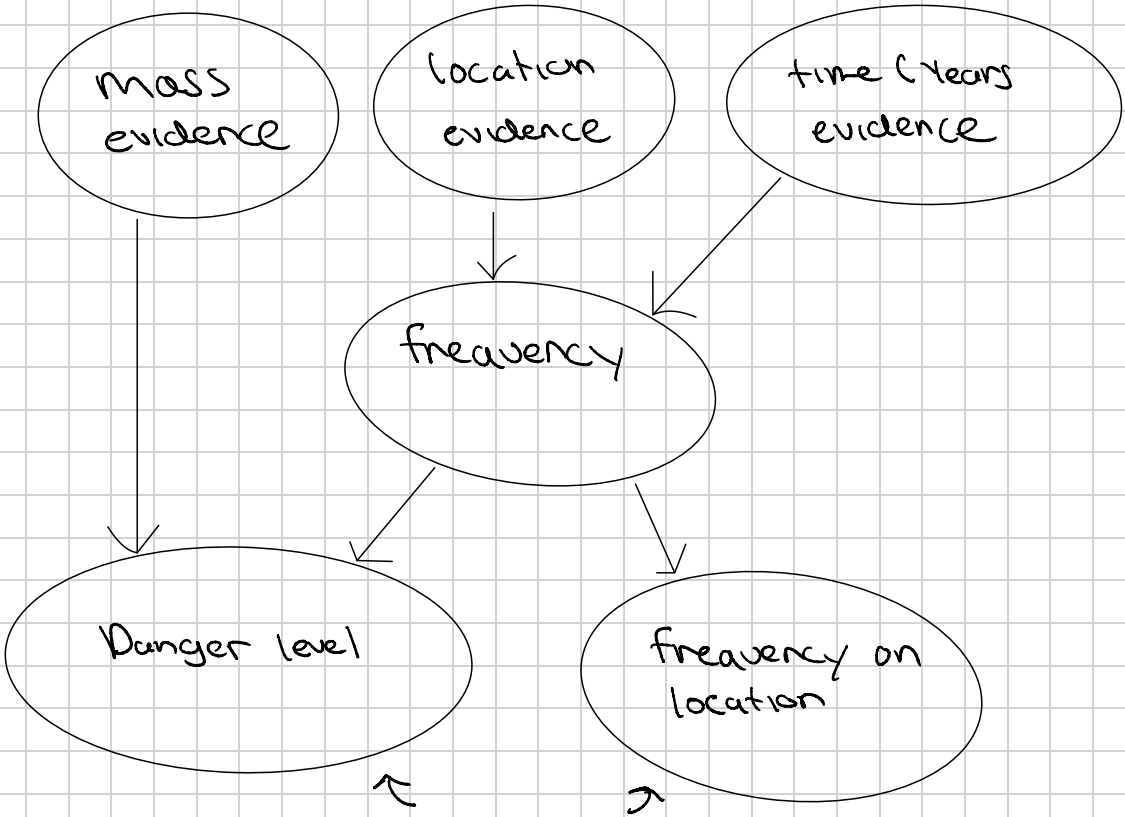
Model 1:



these two will be the main computations of my model.