Physics and Chance – Statistical Explanation

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1. What is the difference between deductive-nomological and statistical explanatory models? What is the difference between them due to epistemology?

2. First we had wanted a perfect (100%) correlation between two phenomena accepting one being the explanation of the other. After, the statistical model settles for less: a statistical regularity. Isn't it weird after all to accept one phenomenon being an explanation of another while they are only rarely correlated (for example the case of fire)?

3. What do you think the example with the drug taking patient who dies? Does the last sentence of the paragraph (3rd on p 136) gives a good argument for accepting the drug-taking as an explanation of the demise?