Joint, marginal, conditional distributions

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Joint & marginal distributions



Conditional distributions



Conditional distributions



- For this model we need to define
 - The probability distribution of A
 - The conditional distribution of B; i.e. the probability distribution of B for each possible value of A



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- Once you have defined the marginal / conditional probability distributions, you can calculate any probabilities, such as probabilities of any other variables, if the value of one is known
- BN software does this for you automatically