

1. Příklad:

Two opponents throw one by one a dice. The winner is that one who first gets six. What is the probability that the winner is that one who started the game?

2. Příklad:

Construct theoretical frequencies for the chi-square test of independence of the number of traffic accidents A (zero, 1-10, more than 10) and the sex of driver S (man, women) for the data from the frequency table

$S \setminus A$	zero	1-10	more than 10
man	26	5	15
woman	34	12	3

3. Příklad:

Prove that the sample average is an unbiased estimator of the expectation.