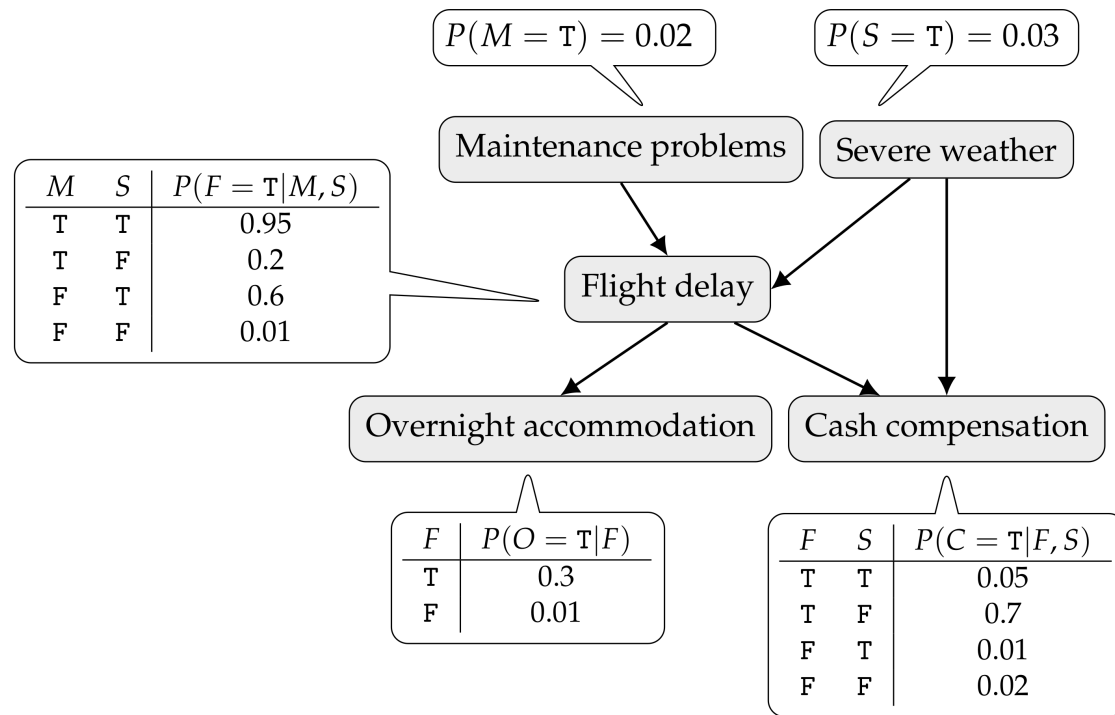


# BAYESIAN NETWORKS (BN)



**(Bernoulli) Random variables:**

M – **M**aintenance problems

S – **S**evere weather

F – **F**light delay

O – **O**vernight accommodation

C – **C**ash compensation

**Parameters:**

Conditional probability tables

joint  
probability  
distribution

$$P(M, S, F, O, C) = P(M) P(S) P(F|M, S) P(O|F) P(C|F, S)$$