

Bayesian Inference

**Probability of getting the
Attribute given the facies**

Apriori prob

Probability of getting facies

$$P(B|A) = \frac{P(A|B)P(B)}{P(A)}.$$

**Probability of getting facies
given the Attribute**

Posteriori prob

**Probability of getting the
Attribute**

Gaussian versus Histogram models (PDF)



