

Bayes

Revising Beliefs

Initial Odds

Likelihood Ratio

Revised Odds Likelihood ratio x initial odds

Hypothesis Cause

Evidence Effect

Prior Probability $P(\text{Hypothesis})$

Likelihood $P(\text{Evidence}|\text{Hypothesis})$

Jointly $P(E, H) = P(E|H)P(H)$

Posterior Probability $P(\text{Hypothesis}|\text{Evidence})$
 $= P(E|H)P(H)/P(E)$
 $= P(E, H)/P(E)$

Prior Odds $P(H):P(\text{not } H)$

Posterior Odds $P(E|H)P(H):P(E|\text{not } H)P(\text{not } H)$

Bayesian Networks graph representation for random variables

Line Regression

Least Square procedure of finding the equation of the line which best fits a given set of paired data

C

By **hlleung00**
cheatography.com/hlleung00/

Not published yet.
Last updated 30th April, 2019.
Page 1 of 1.

Sponsored by **ApolloPad.com**
Everyone has a novel in them. Finish Yours!
<https://apollopad.com>