

Re: different MLE gives different answers????

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On Wed, 23 Apr 2008 09:35:30 -0700 (PDT), maria.hartberg@xxxxxxxxxx wrote:

1. What is the difference between goodness of fit and maximum likelihood?

Maximum likelihood is one of the methods that is used to measure fit, and to compare fits. Sometimes that is called a "goodness of fit" test. When the comparison is made to null-hypotheses such as "coefficient equals zero", the result is usually called a goodness-of-fit test.

2. If I have understood it correctly in logistic regression one can use different maximum likelihood equations in order to find the best fit.

Huh? Logistic regression has one standard form. Different MLE equations Would you mean, for different variables? for different ways of adjusting for zero-cells, if you are following a discrete solution?

The latter is more common in log-linear modeling, which is a cousin of logistic regression.

So my question is wouldn't the answer differ depending on what maximum likelihood equation one uses?

I think you are under some mis-impression about the existence of "different maximum likelihood equations" or their nature. Would you want to be more specific, or have I said enough?

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Rich Ulrich

<http://www.pitt.edu/~wpilib/index.html>

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