

Re: Is this enough information to make an inference?

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- *From:* David Winsemius <doe_snot@xxxxxxxxxxxxx>
 - *Date:* Wed, 02 Jan 2008 19:59:13 -0600
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Jack Tomsy <jtomsy@xxxxxxxxxxxxx> wrote in
<news:12057938.1199297531122.JavaMail.jakarta@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>:

David Winsemius in <Xns9A18F1322BECAdwttttt@xxxxxxxxxxxxxxxxx>

So the final table looks like:

Virus+ | No-virus row-totals
Obese | 0.12 | 0.18 | 0.30

Not-obese | 0.08 | 0.62 | 0.70 (by
subtraction)

col-totals 0.20 | 0.80 | 1.0

Or perhaps you wanted Tomsy's

Pr(obese&virus)
calculation (which is the same as my "a" above.)

Just a slight correction, Dave. In this lengthy thread which started last year, my original answer on Dec. 29, 5:48 P.M., was for Prob(obese|virus) obtained using Bayes formula.

Trimmed the excess. So it was.

Pr(virus) is 0.2 and Pr(obese|virus) would be $0.12/0.2 = 0.60$, your answer. Glad I was wrong. Pr(obese&virus) would be a very misleading message to take away as a potential effect measure. I was looking at your correction to LA when I scribed my error.

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DW
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