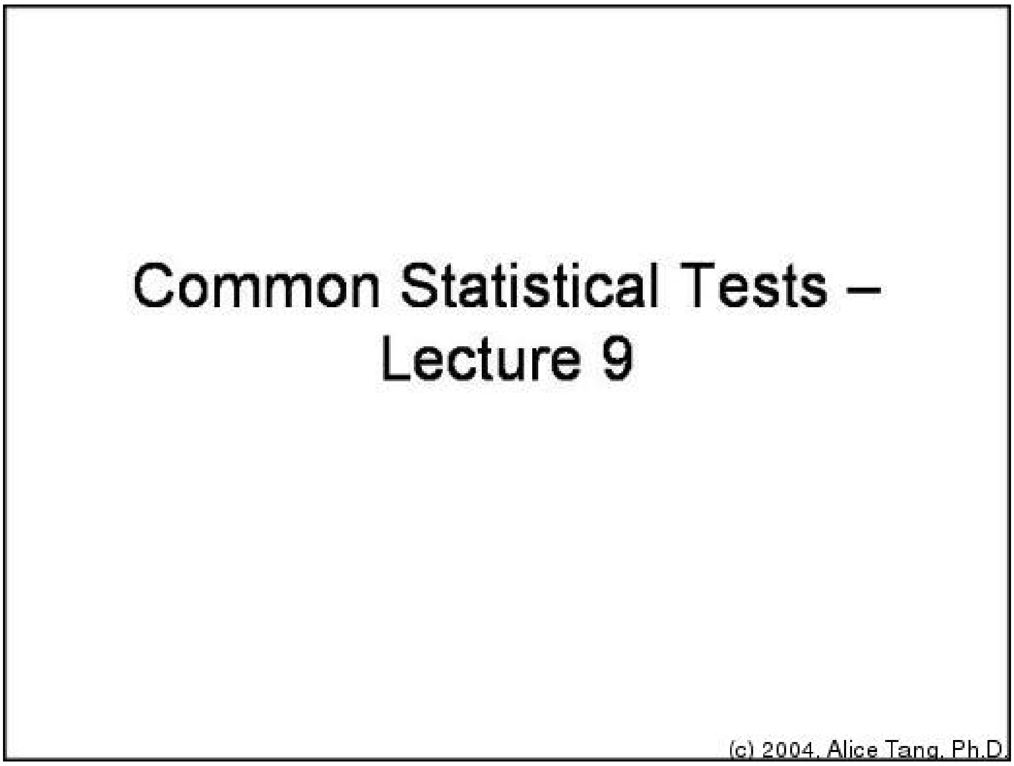
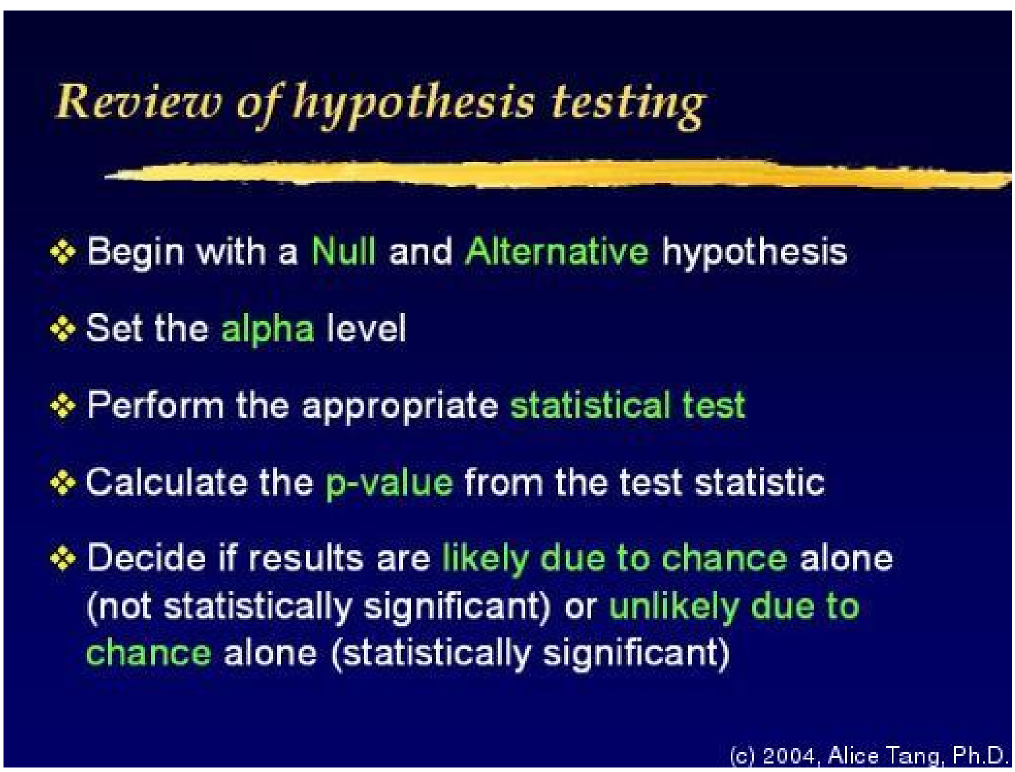
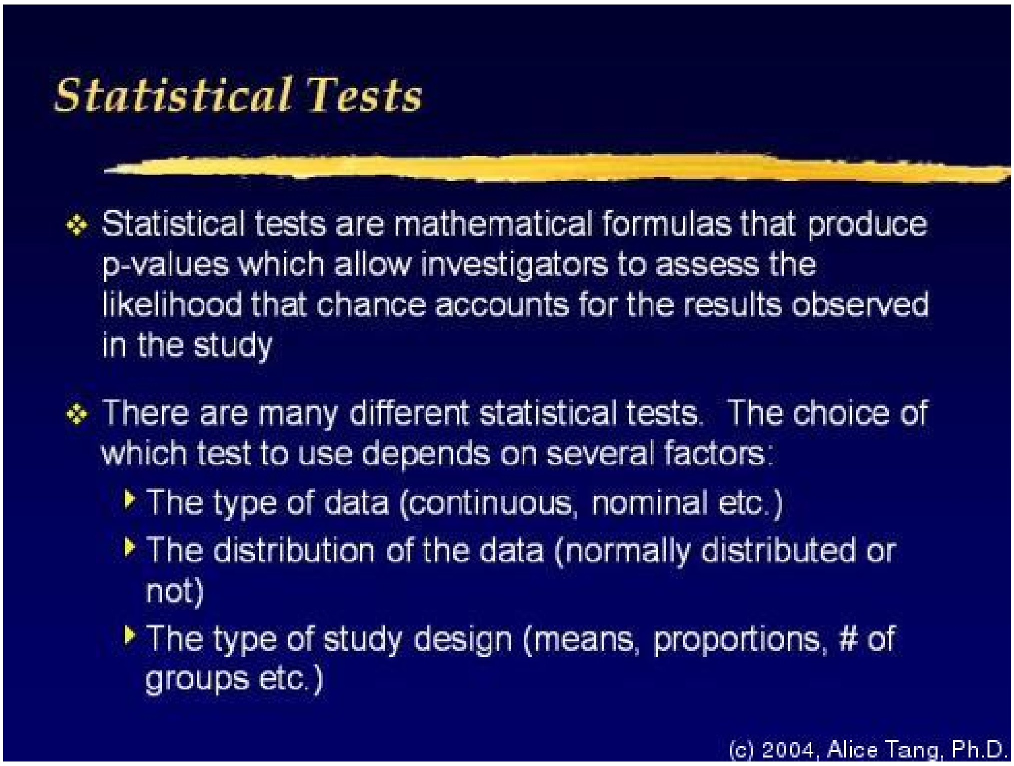
1. Lecture 9 - Introduction Slide



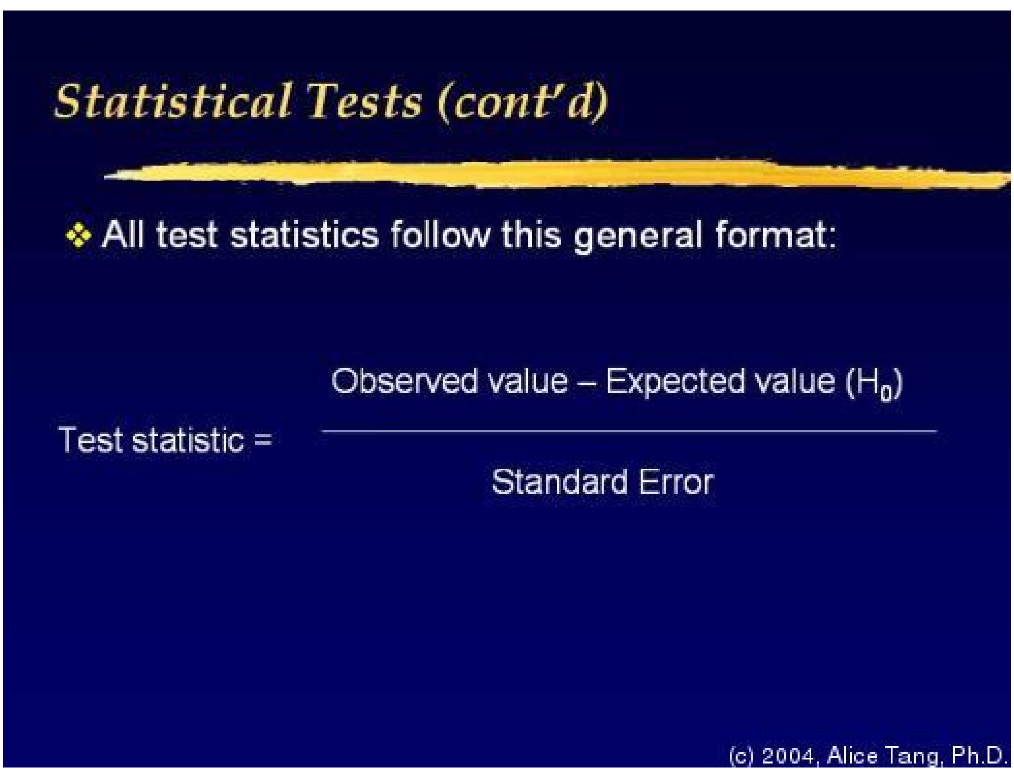
2. Review of hypothesis testing



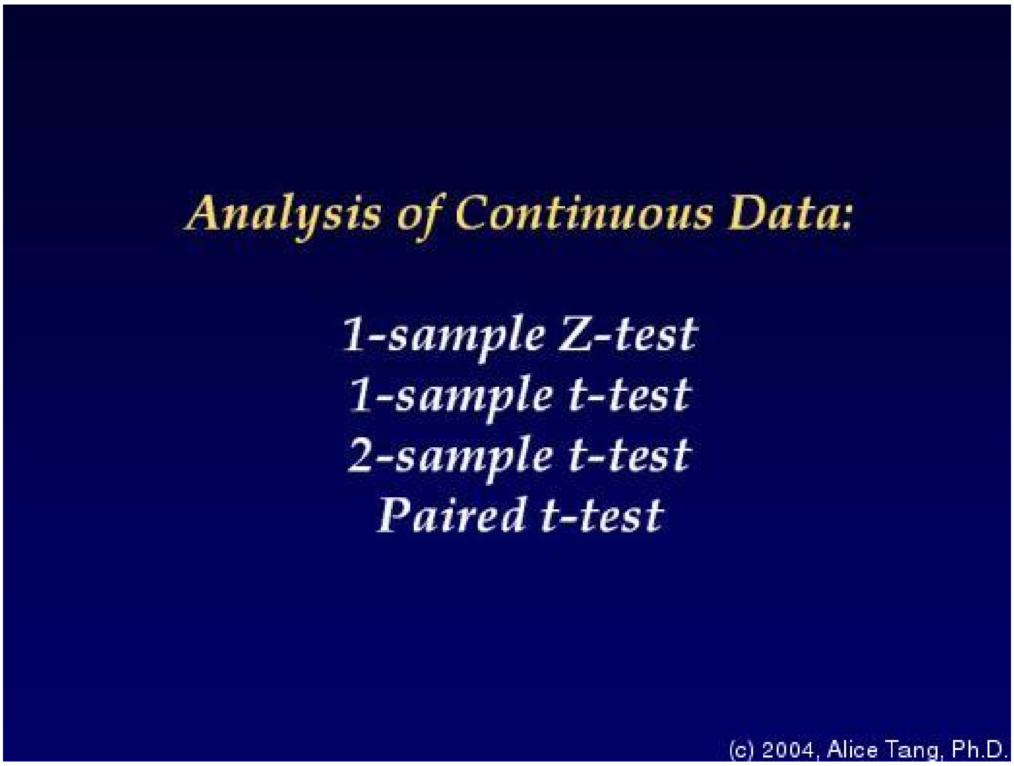
3. Statistical Tests



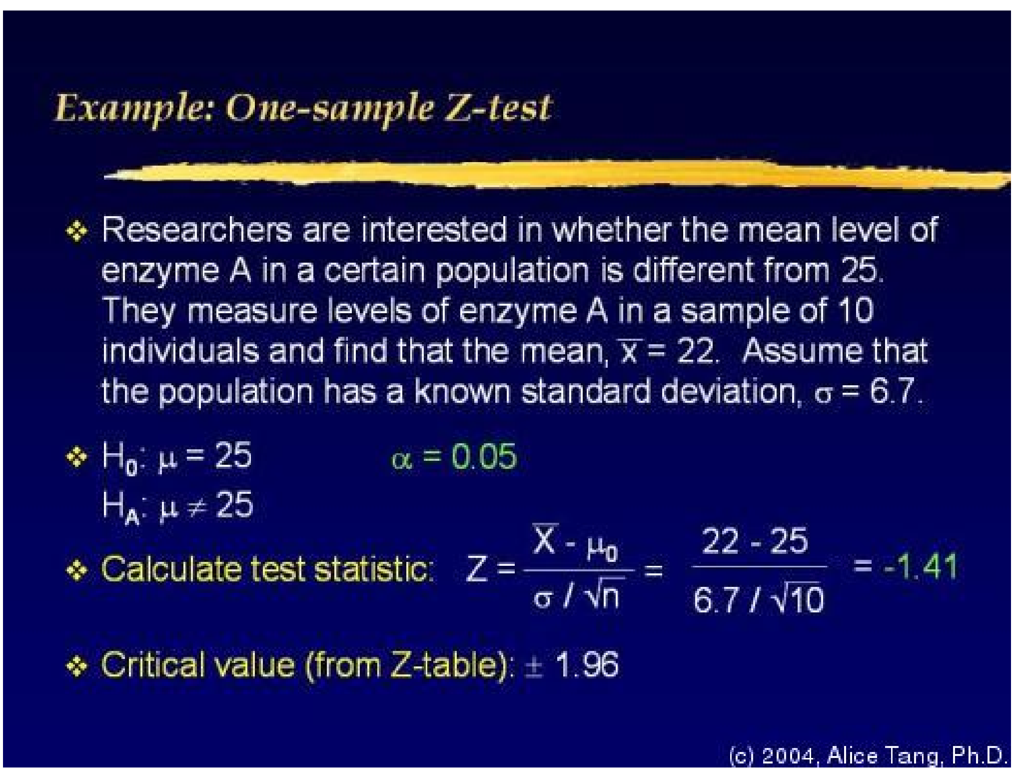
4. Statistical Tests, cont.



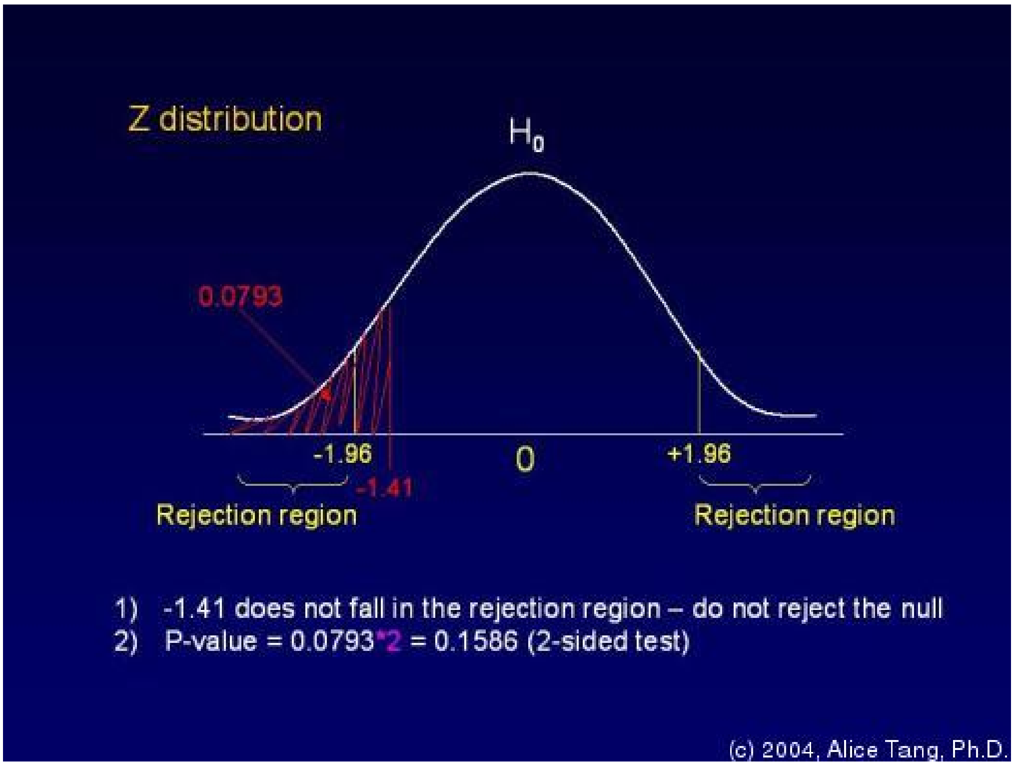
5. Analysis of Continuous Data: 1-sample Z-test1-sample t-test ...



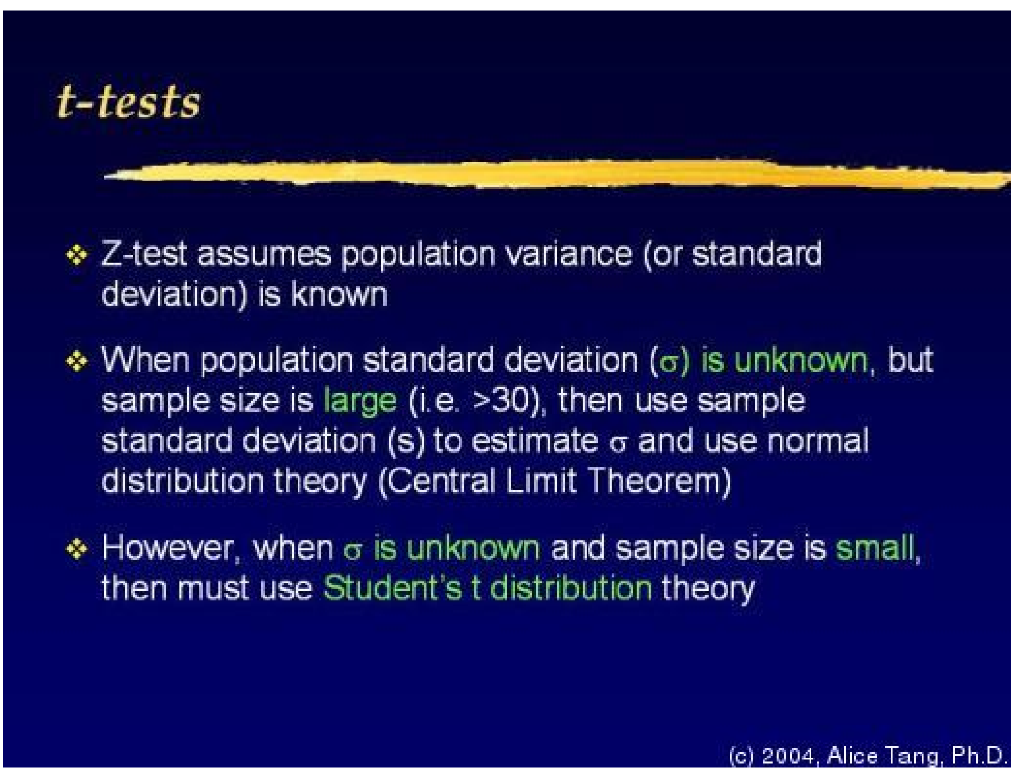
6. Example: One-sample Z-test



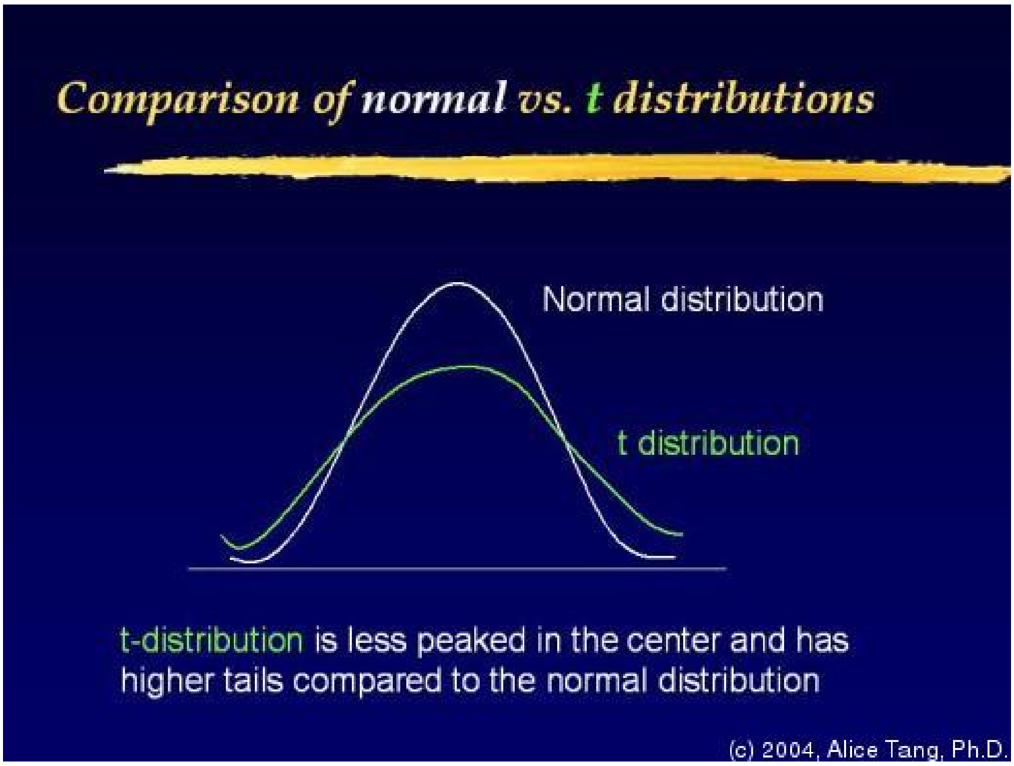
7. z distribution



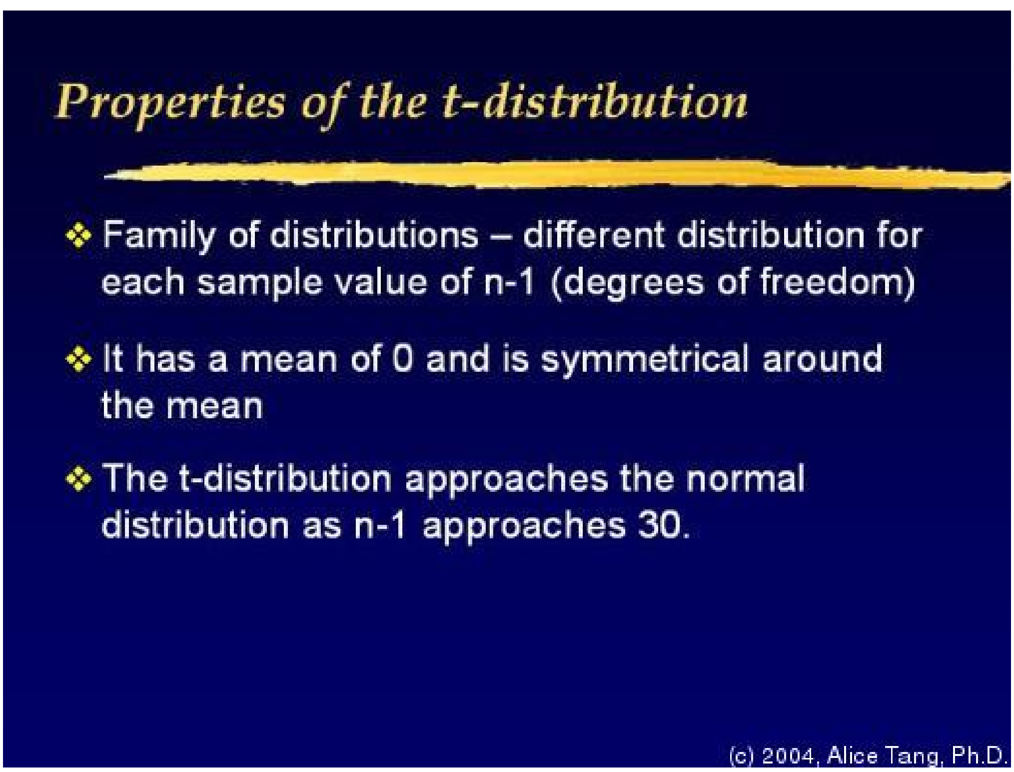
8. t-tests



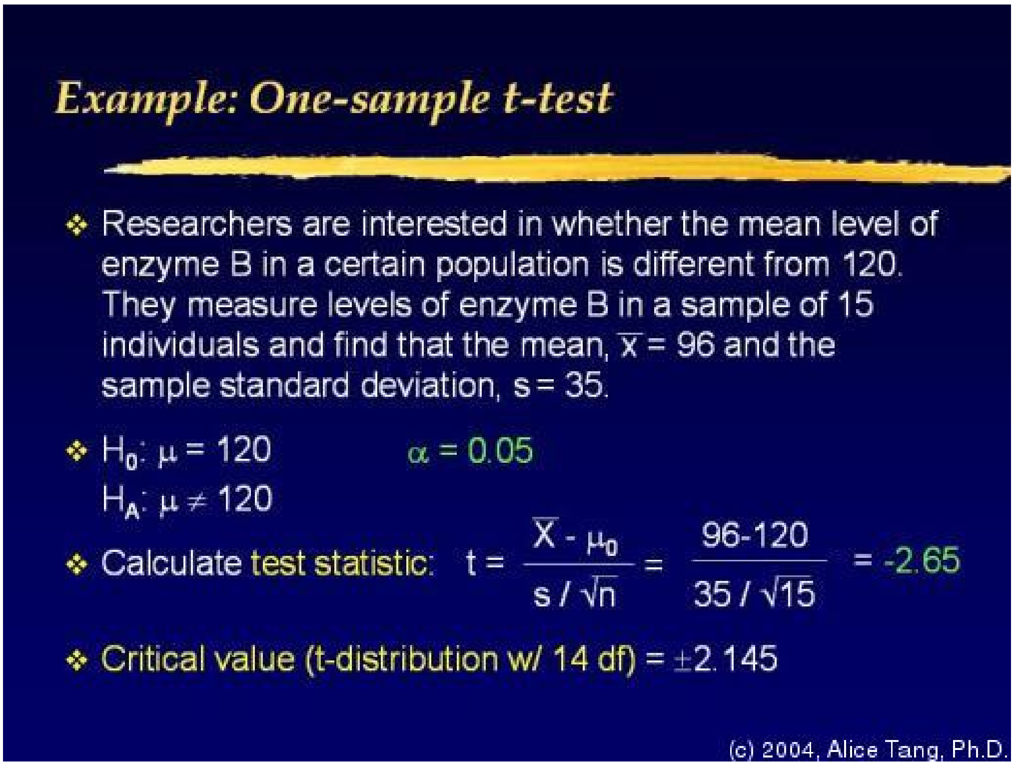
9. Comparison of normal vs. t distributions



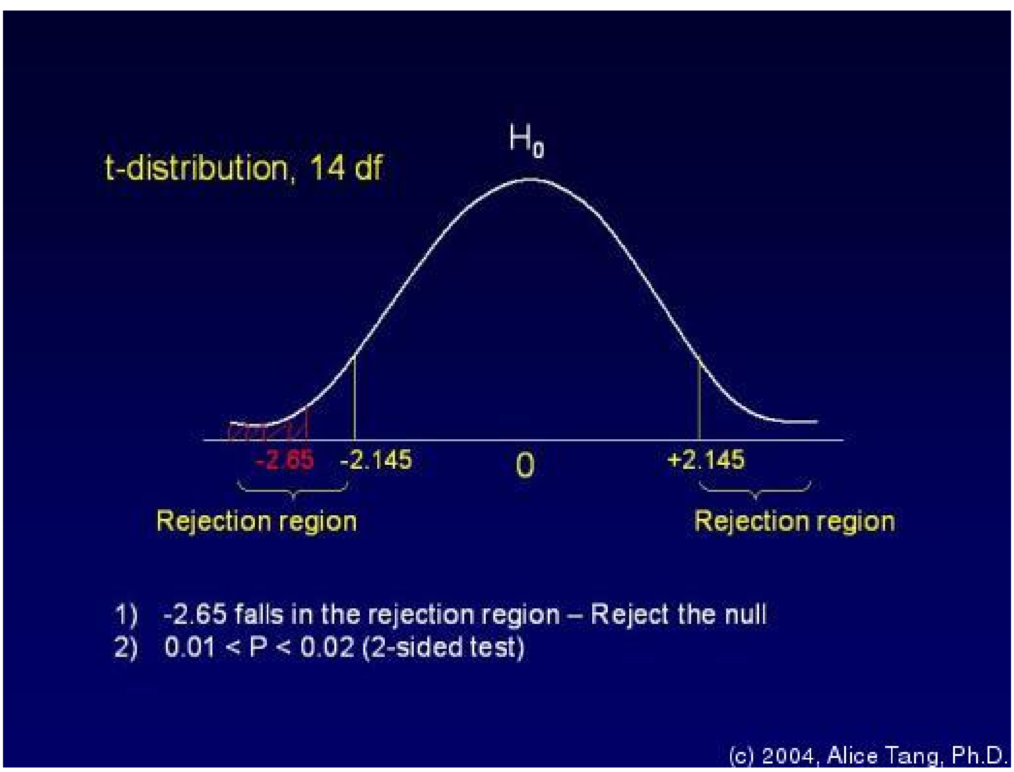
10. Properties of the t-distribution



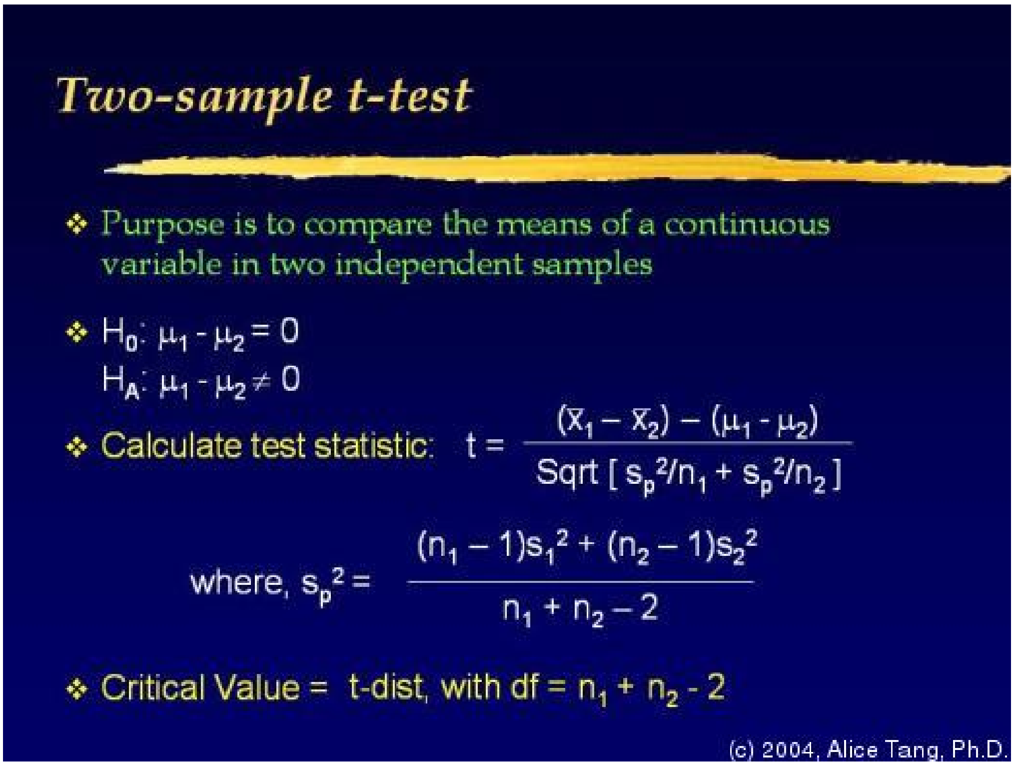
11. Example: One-sample t-test



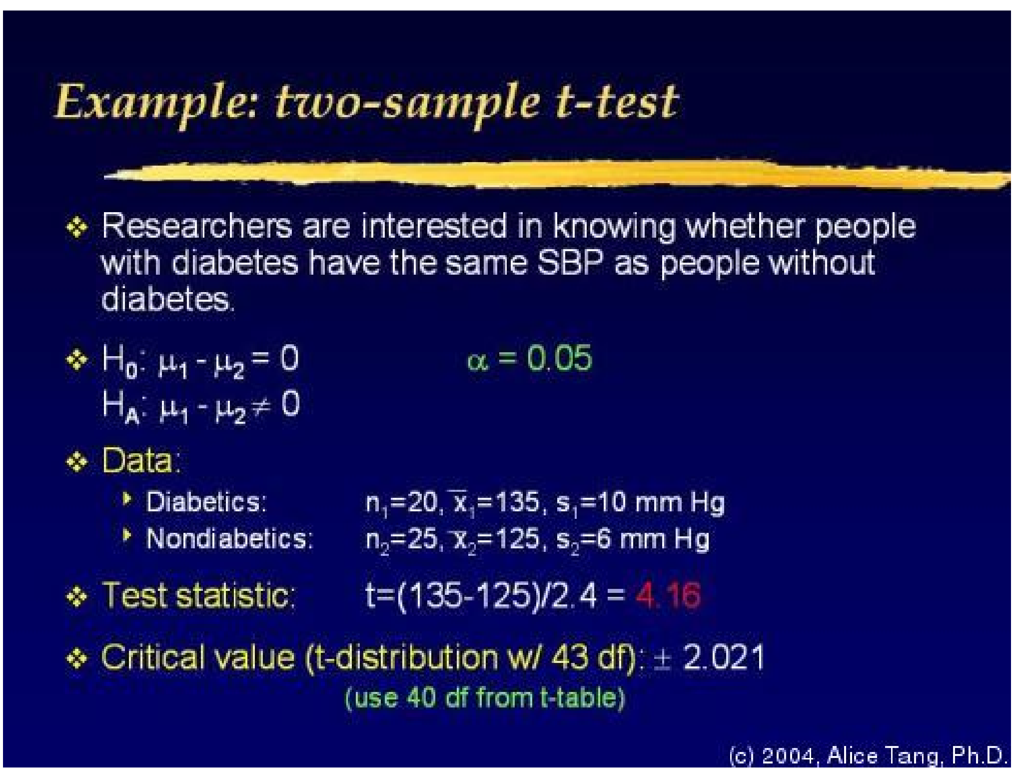
12. t-distribution, 14 df



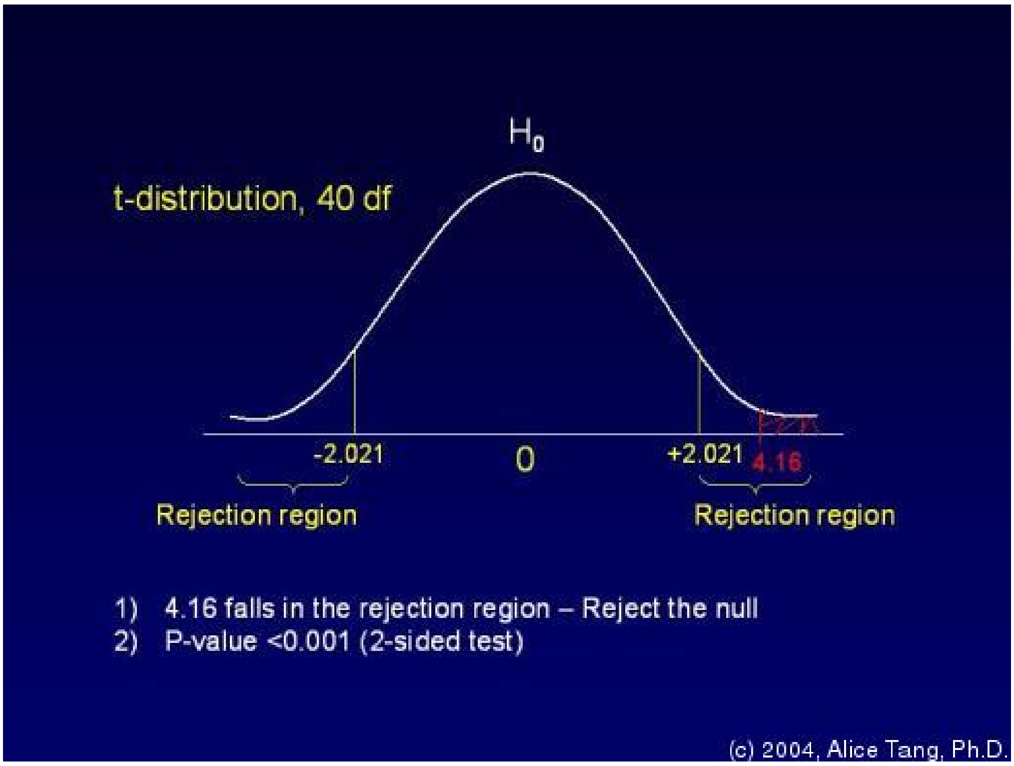
13. Two-sample t-test



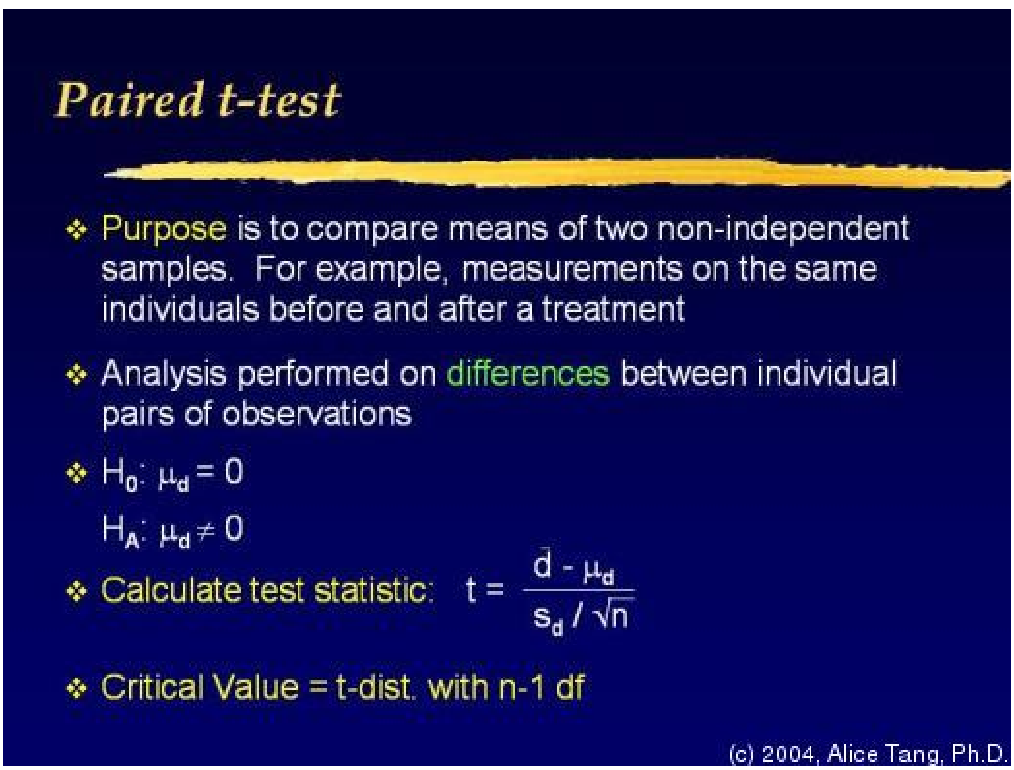
14. Example: two-sample t-test



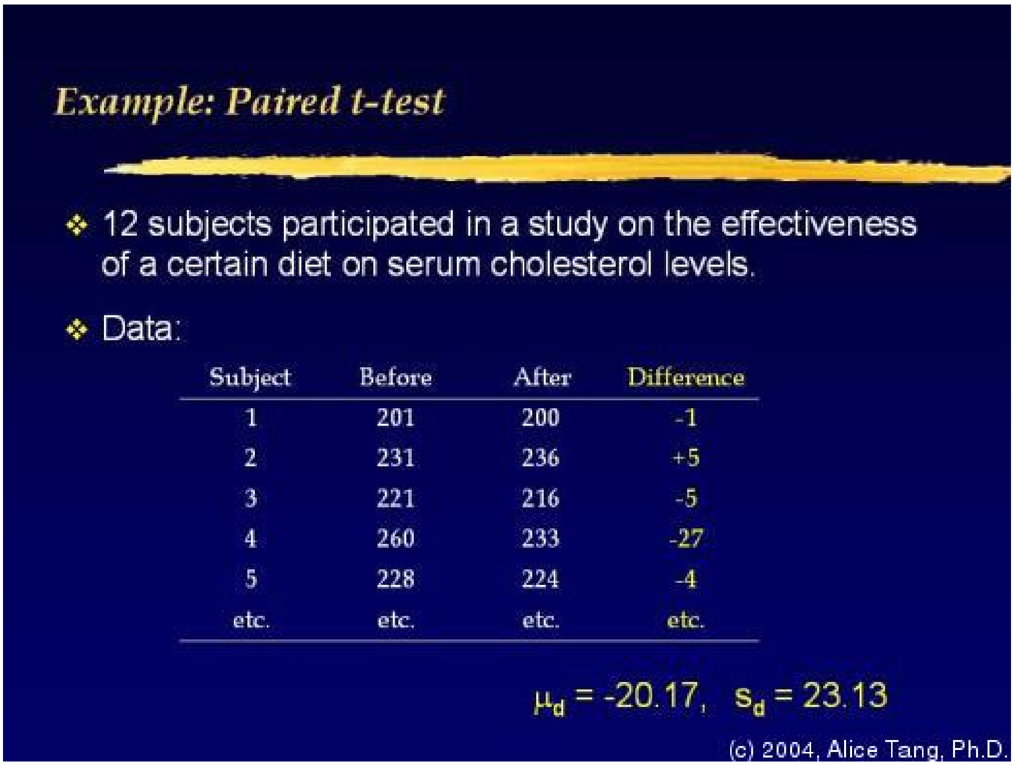
15. t-distribution, 40 df



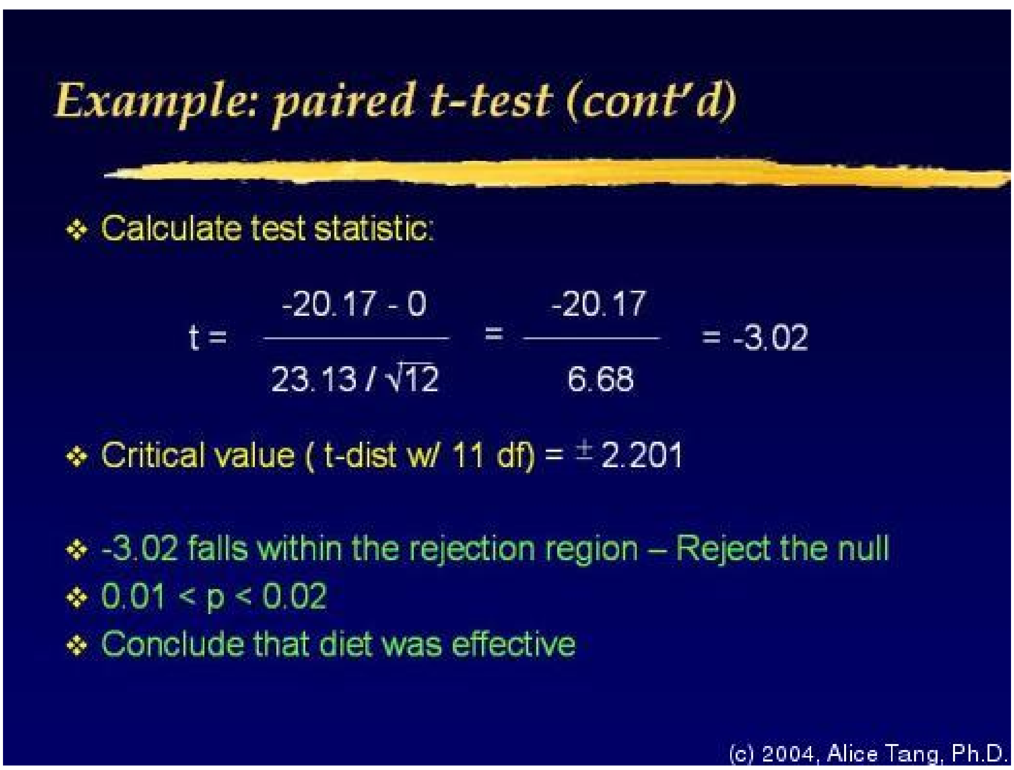
16. Paired t-test



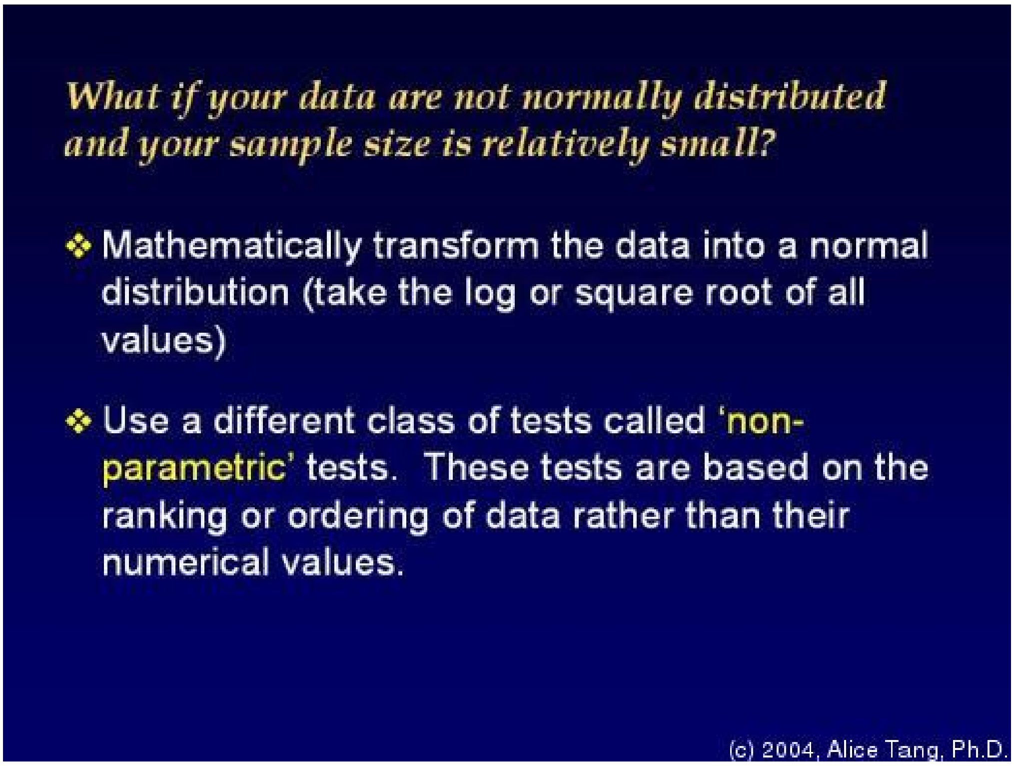
17. Example: Paired t-test



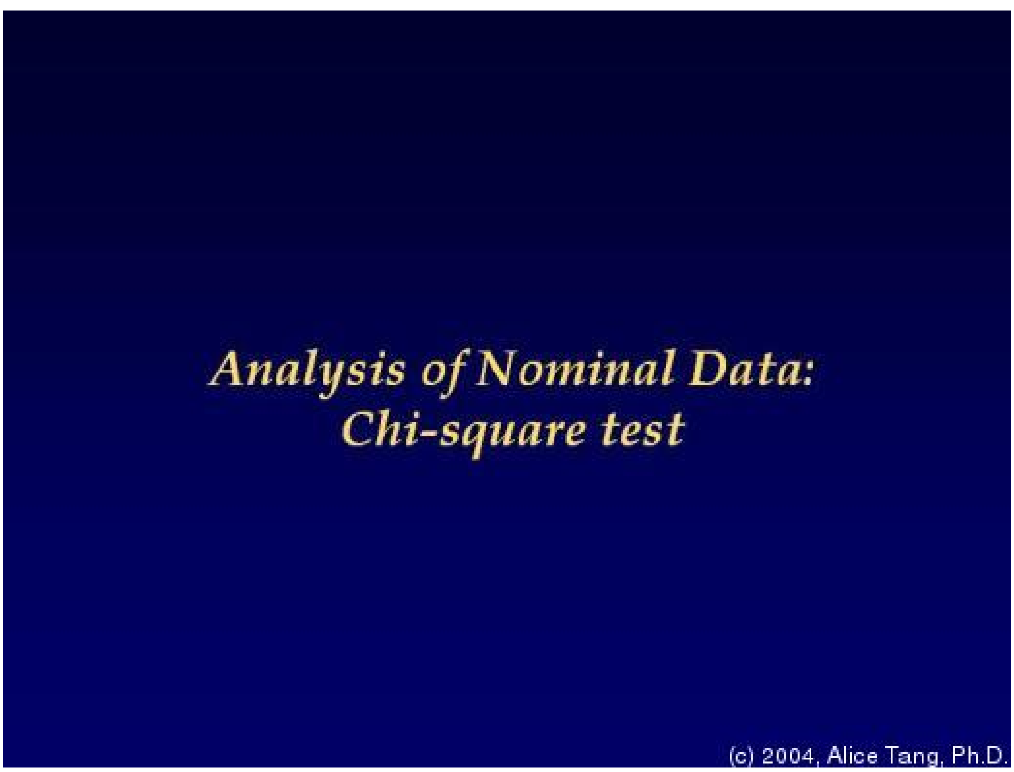
18. Example: paired t-test (cont’d)



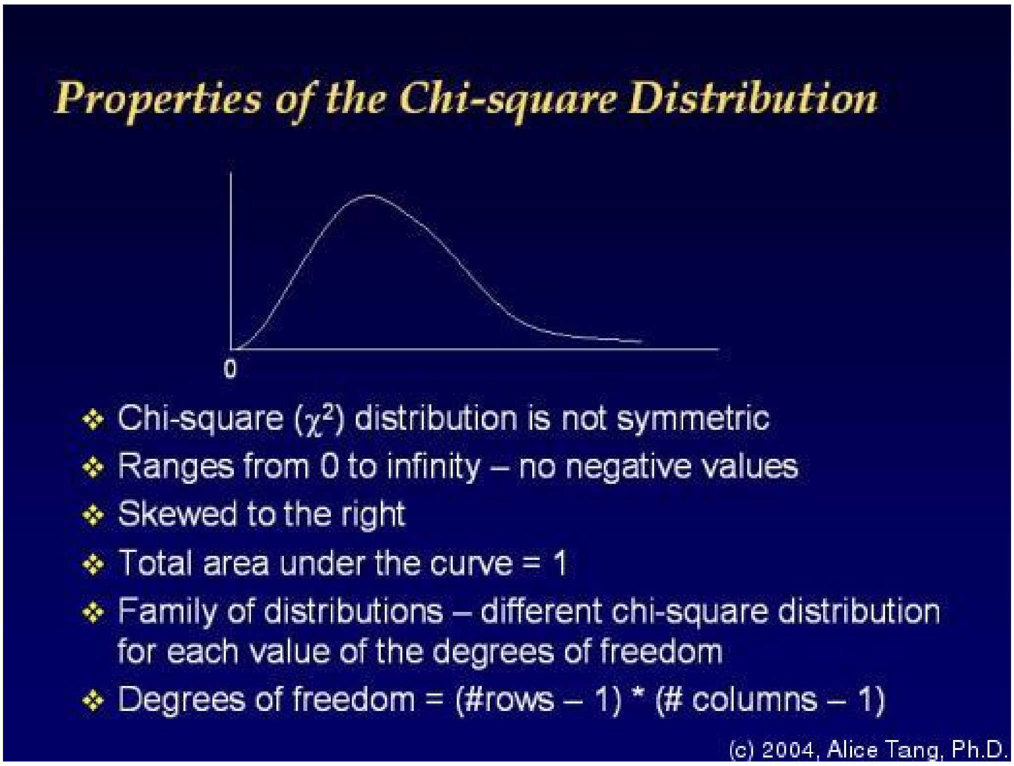
19. What if your data are not normally distributed and your samp...



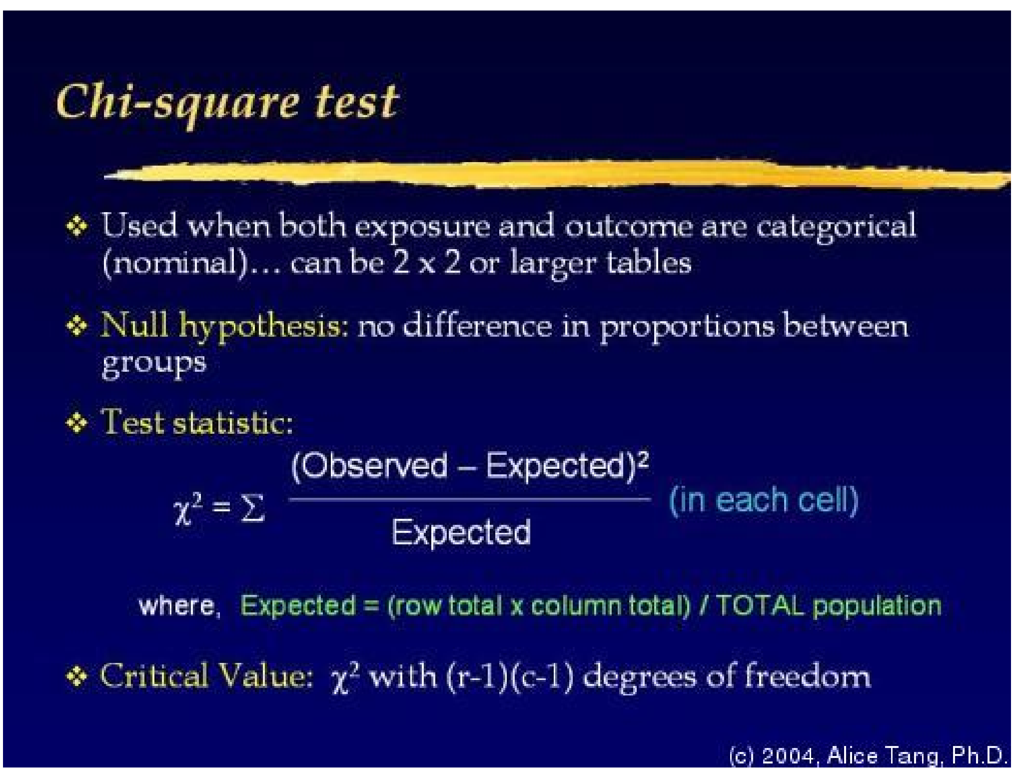
20. Analysis of Nominal Data: Chi-square test



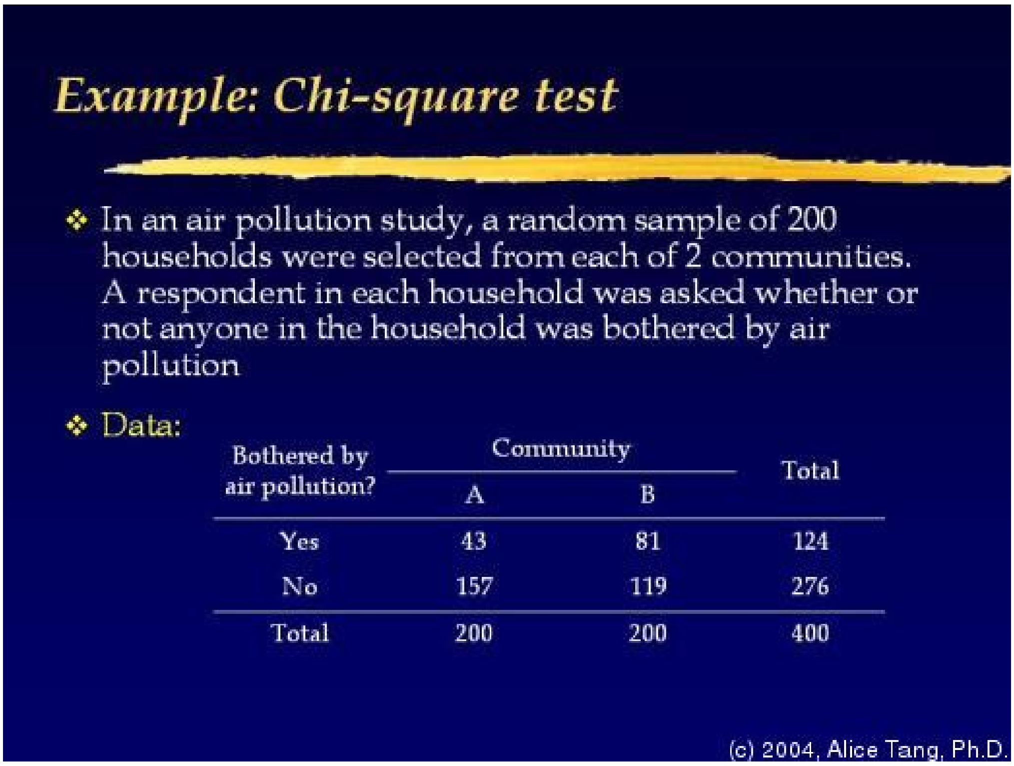
21. Properties of the Chi-square Distribution



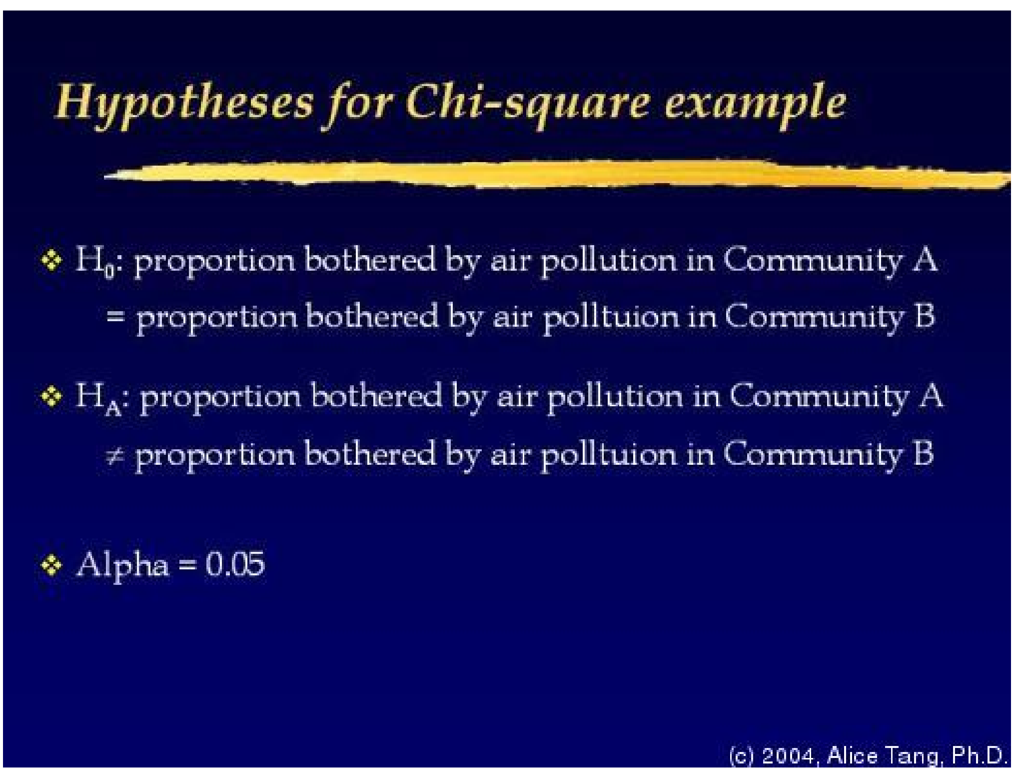
22. Chi-square test



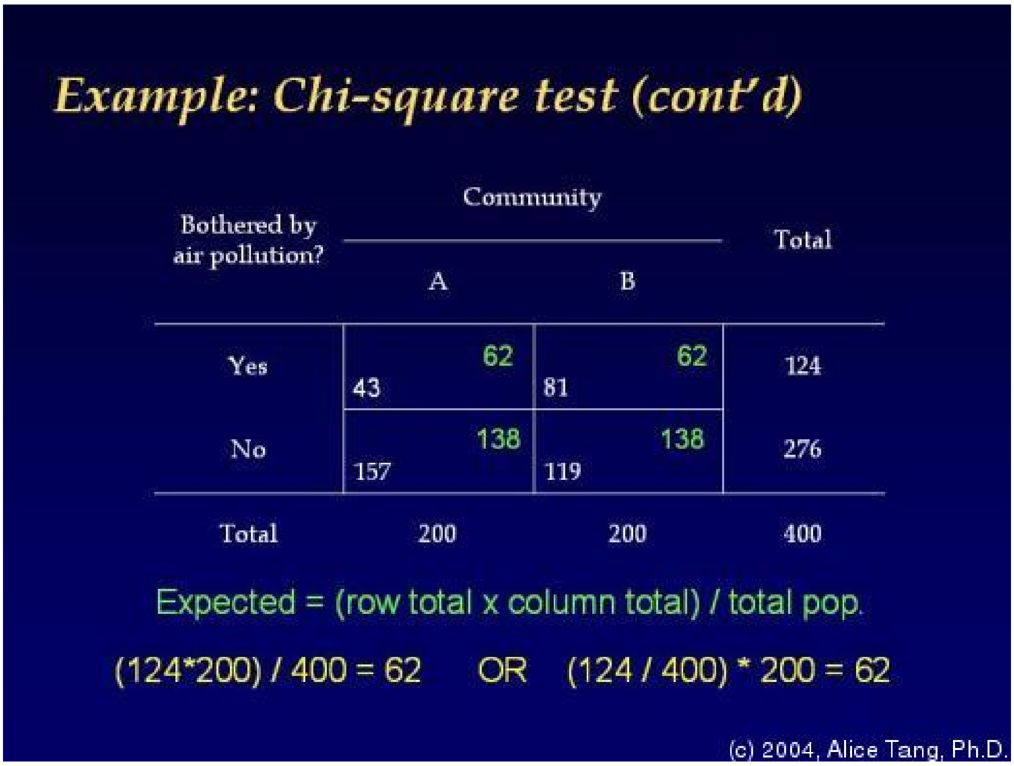
23. Example: Chi-square test



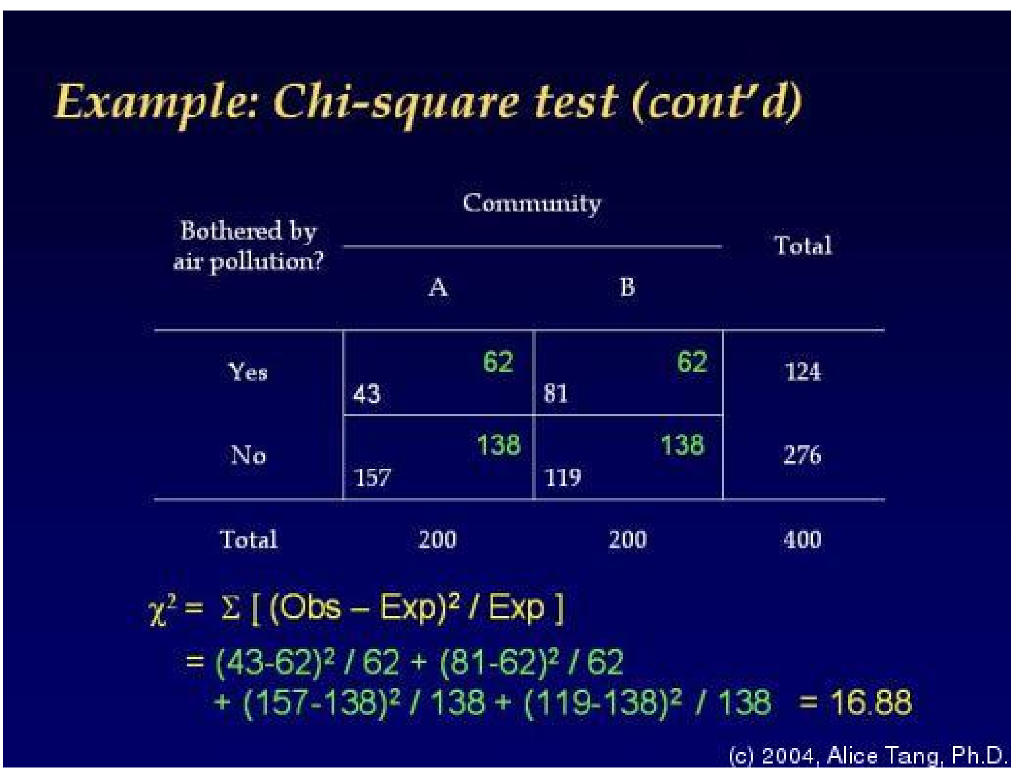
24. Hypotheses for Chi-square example



25. Example: Chi-square test, cont. 1



26. Example: Chi-square test, cont. 2



27. Example: Chi-square test, cont. 3