

TRADITIONS AND CONVENTIONS IN THE USE OF REPEATED MEASURES ANALYSIS, CONTRAST, AND PAIRWISE COMPARISONS. Chris Reburg-Horton, North Carolina State University, Raleigh, NC.

Part of the appropriate application of statistics is not covered in textbooks. Each discipline carries its own traditions and conventions in the use of statistics. We will discuss those traditions in our field and how they intersect with what is taught in the statistics classroom. Utilizing examples from Weed Science, we will walk through appropriate and inappropriate uses of statistics. The session will focus on fundamental statistical issues such as repeated measures, contrasts, and pairwise comparisons.