

19. *Speaking about Multivariate Analyses*

SUGGESTED COURSE EXTENSIONS

A. Writing

1. Create slides and speaker's notes for a 20-minute presentation of a paper involving a multivariate analysis, to be presented at a professional conference in your field. Include slides for each major section of the paper, including introduction, literature review, data and methods, results (several charts or tables; see question A.2), and conclusions.
2. Adapt charts or tables from your paper to be used on the slides. Write speaker's notes with Vanna White directions for each.
3. Exchange draft slides and speaker's notes with a colleague who is working on a different topic and data. Evaluate each other's work, using the checklist from chapter 19 of *Writing about Multivariate Analysis, 2nd Edition*. Revise your slides and speaker's notes according to the feedback you receive.
4. Ask a test audience to evaluate a live presentation of your talk for your specified audience and allotted time, using the criteria on "Dress Rehearsal" on pp. 435–36.
5. Make revisions to slides and speaker's notes based on what you learned in your rehearsal.

B. Revising

1. Critique and revise slides you have created previously for a 15-to-20-minute speech about a multivariate analysis to a scientific audience, using the criteria in chapter 19.
2. Critique and revise the speaker's notes for the same speech.
3. Revise a table of multivariate results from your paper into several simpler table slides or chart slides, with individualized titles that reflect the specific content of each slide.

4. Write Vanna White notes to introduce and explain one table and one chart from your revised presentation following the guidelines on pp. 431–34.
5. Exchange your revised work from questions B.1 through B.3 with someone working on a different topic and data. Peer-edit and revise your work according to the feedback you receive.
6. Revise the slides from question B.1 to create a 10-minute presentation for a lay audience.