

## What's New / Methodological Appendix

# "Read Me First!"

Unlike the preface to a published book (which is usually written after the book is completed and probably should be read afterwards as well), this one really does "pre-face" the work remaining to be done. It's a good place to tell you, for example, that clicking on the title of each chapter will take you back to the contents page (clicking the title there will take you home). Here are some other preliminaries.

**The Division of Territory in Society** is a compendium of research conducted over the last thirty years or so, formally beginning with work on my doctoral dissertation back in 1968 and continuing through this evening (30-Jul-95) sometime. The "book", if that is still the proper word for it, has been through several incarnations and will, I presume, continue to evolve in its present format.

**Incarnation #1** was during my only sabbatical (1980/1). After returning from a tour of Greece we stayed for the better part of the academic year with my mother in Paso Robles, California. I wrote chapters longhand and my wife Karen typed them (my always-poor vision was thoroughly shot by then and wouldn't improve till a cornea transplant a year later). That spring I took a draft to publishers in San Francisco. Their consensus was that the cost of setting all the equations and graphs would never be met through sales in my field, Sociology.

I couldn't argue with that. In fact, the further my work progressed the more difficult it was to publish in Sociology. The problem was mathematics. I used no more math than the elementary calculus now typically taught to high school students (for our purposes here,

learnable in **a few minutes time**), but the editors of Sociology journals would routinely return a paper (after sitting on it for a year) with no more commentary than "Our readers wouldn't understand it." I don't see how a field can make any progress when its gatekeepers are guided by the least common denominator, but that's another matter. I turned increasingly to demography and geography journals with my papers.

I should mention that I see my work as couched well within the tradition of Sociology. The title itself reflects one of Sociology's classic works, *The Division of Labor in Society* (1893), in which Emile Durkheim assessed the emergence of modern industrial society. The framework in which he wrote was developed fifty years earlier by Auguste Comte: society passes through stages of social organization based first on division by kinship, then on division by territory, and in our day on the so-called division of labor - task specialization and trade. Durkheim wrote (too prematurely, I think) of stage three; I went back to work on stage two. More of that later (chapter 17).

When I returned from sabbatical I found something new in the Sociology Department: a Tarbell computer. I re-typed the entire book (which was nearly a ream of paper onto 8-inch floppy disks (though I had no way to put the many hand-drawn Flair-pen graphs there). This was **Incarnation #2**, the avatar which I expected to emend over the coming years while waiting for Sociology to become interested. A year later I had my own IBM computer, and I typed the whole thing again on 3-1/2" floppies. This became **Incarnation #3**; it included graphics which I could produce on the new computer using BASIC.

Around 1985, several things happened. I realized that Sociology was becoming more hostile to this kind of work. The field was soaring into what it called "theory" (ideologies, so far as I can tell, with no empirical foundation or referent) and diving into what

it called "methodology" (misapplications of complicated statistical procedures to highly questionable data). At the same time I got a Macintosh computer. With its increased graphic capabilities I couldn't refrain from producing **Incarnation #4** (we didn't have IBM-to-Mac transfer protocols then, so this was also a complete re-write, re-program, re-draw).

Which brings me to now. A year ago (1994) I started "playing on the net" -- for which I was recently berated by my colleagues in an annual evaluation. In this time I have come to appreciate the opportunity which the World Wide Web affords researchers. I learned this partly through "surfing", newsgrouping, listserving, e-mailing, exploring, downloading and so on; partly through contributing to such sites as the Internet Movie Database, an outstanding example of what the net can do in disseminating information.

So here is **Incarnation #5**. In its previous forms the "book" had sixteen "chapters", and I'll probably keep that format for now. As I get chapters prepared, I'll add them to the contents. If you have any questions or suggestions, please **contact** me (substitute '@' for '#').

**my home page**

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## What's New

14 Feb I have completely undone the 23 Dec 97

04 gif-to-HTML treatment of the equations throughout. I used MS Equation Editor (with copy/paste to GraphicConverter) to generate gifs for every equation. Most people now have faster-loading computers, and it beats changing the rules for font display.

6 Feb I realized that HTML specs no longer recognize the

04 "symbol" font so I've gone through and changed every Greek symbol to its **unicode** equivalent, e.g., the summation sign  $\Sigma$  is now "& Sigma;" (w/o the space). A real pain; I hope they can leave this alone

for years.

- 13 Nov added an appendix to Chap 5 - **data processing in the 1970s**  
00
- 21 Dec began slight revisions, Chaps 12 and 8  
99
- 30 Sep added the **Photo Album**  
98
- 28 Apr **Doug Massey**, a favorite student (BA 1974) who  
98 appears several times in this work, elected to the  
NATIONAL ACADEMY OF SCIENCES.
- 25 Apr recovering from open heart surgery (2 Mar)  
98 completed correction of typographic errors noted  
by Ron Rinehart (thank you!)
- 17 Jan AUGUSTE COMTE's 200th birthday!  
98 changed bold bibliographic references to italic  
(fonts are better than a few years ago)  
added "last updated" javascript to each chapter  
re-zipped corrected copy of entire book
- 23 Dec finished converting all tables from gifs to html  
97 tables; also converted virtually every equation from  
gif to html format.
- 7 Dec finished analysis of each chapter using **Doctor**  
97 **HTML v5**  
re-zipped corrected copy of entire book
- 6 Dec edited html for every chapter to conform to  
97 "wilbur" standard, adding width/height for every  
"gif" to speed load time.
- 29 Nov put Greek characters in place throughout Chapter  
97 16, assuming browsers will be on machines with  
"symbol" fonts installed
- 17 Nov installed downloadable "zipped" version  
97
- 6 Apr noted two new counties, end of Chapter 2 (note  
97 from Adrian Ettinger)
- 
- 18 Aug DONE! (for now) Chapter 15-17. I had to split the  
95 planned 15th chapter in two (too many gifs). I have  
much more to do (mostly methodological  
appendix). If you spot problems, please let me  
know. It's definitely martini time!!
- 16 Aug Chapter 14. That was a lot of equations!  
95
- 15 Aug Chapter 13. Lots to add to the appendix from this  
95 (still)

- 14 Aug Chapter 12. Geez, re-doing these is like a  
95 dissertation a day!
- 13 Aug Chapter 11. down to five, running out of summer  
95
- 12 Aug Chapter 10. Getting there (six more to do)  
95
- 10 Aug Chapter 9. Potpourri, fun for me  
95
- 4 Aug Chapter 8. Lots of pix and equations (ugh!)  
95
- 1 Aug Chapters 1-7, I just got these mounted  
95
- 19 Jul began translating "book" to HTML format  
95
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## Methodological Appendix

note (21 Sep 06): I never completed this because the internet now has so much coverage of this stuff. - Ed

- [Differential Calculus](#)
- [Kruskal-Wallis Test](#)
- [Logarithms & Logarithmic Transformation](#)
- [Regression and Correlation](#)