



Web-based RATS Software Courses

Panel and Grouped Data, January–March 2012

Our next web course will deal with Panel and Grouped Data, and will run from January 26 to March 8 of 2012. This will be based largely on Baltagi's *Econometrics of Panel Data*, 4th edition.

We added quite a few new capabilities to RATS Version 8.1 for handling panel and grouped data and this course will go over them carefully. Among the topics will be organizing data, handling balanced vs unbalanced (or generally grouped) data, panel data transformations, fixed and random effects issues with dynamic models (lagged dependent variables and panel VAR's), unit roots and cointegration, and fixed and random effects in non-linear models like probits.

General Course Information

Our web-based "e-courses" are taught by Tom Doan, the author of the RATS software. Each course takes place in a private section of our discussion forum accessible only to registered forum participants.

Each week, we will post a new lesson in the form of a PDF document, along with any accompanying example programs, procedure files, and sample data. The course participants can then post questions which can be answered directly on the forum or handled through additional materials. This approach allows you to work through the lessons and examples on your own time and at your own pace, although we do recommend that you try to keep up with the weekly schedule.

The fee for each course is \$125. You will need to have access to version 8.0 or later of RATS. You can register online via our website, or by mail or fax using this form.

Product	Quantity	Price	Total
<i>Panel and Grouped Data</i>	_____	@ \$125 = _____	_____
		Total =	_____

Name: _____

Phone: _____

Email: _____

Company/Organization: _____

Shipping Address: _____

Billing Address (if different): _____

Check or Money Order Enclosed (All checks must be payable in U.S. dollars, drawn on a U.S. bank)

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* (usually the last 3 digit number printed on the back of the card, or, for AmEx, a 4 digit number on the front)

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