



Motu

# CAUSAL ANALYSIS COURSE

## A PRACTICAL COURSE ON METHODS FOR IMPACT EVALUATION

### COURSE OBJECTIVES.

The course provides participants with an understanding of a range of methods used by economists to address causal questions. It is intended primarily for practitioners who will be designing and conducting empirical analyses for research and evaluation projects. As such, it provides the intuition behind various research designs, an appreciation of the strengths and weaknesses of different approaches, and guidance on practical estimation issues and diagnostic testing. It will illustrate the use of different approaches by examining examples of published studies.

The course is designed in two parts. Part B is optional.

- Part A includes presentation and discussion of methods, with illustrations from published studies.
- Part B includes practical application of methods. The format for Part B will be negotiated with participants, and could include discussion of participants' own projects or hands-on estimation using Stata®.

### COURSE DETAILS

**Instructors:** Dr Steve Stillman & Dr David Maré, Motu Senior Fellows

**Course format:**

Part A: (3 half day sessions)  
Part B: (1 half-day session)

*Minimum Course size: 6 people*  
*Maximum Course size: 20 people*

**Venue:** to be confirmed

**Dates:** (provisionally – may be altered to suit participants)

Part A: September 23, 28, 30  
1 pm - 5 pm

Part B: Thurs 7 October  
1 pm - 5 pm

**Cost:** Part A: \$2,500 per participant  
Part B: \$1,250 per participant  
(GST Exclusive)

To register for the course, please email or fax the registration form that is on the back of this flyer to:

Email: [dave.mare@motu.org.nz](mailto:dave.mare@motu.org.nz) or [stillman@motu.org.nz](mailto:stillman@motu.org.nz)

Fax: +64 4 939 4251

Or for more information, phone David Maré on +64 4 939 4250

### TOPICS

**Overview:** Economic approaches to causal inference

**Research and evaluation design:** Planning for causal analysis

**Experimental methods:** The Lure of the Randomistas

**Non-experimental methods:** Some practical alternatives

- Matching estimators
- Control Function approaches
- Regression controls
- Propensity Score matching
- Instrumental Variables
- Fixed Effects
- Difference in Differences
- Regression discontinuity
- Structural modeling

# MOTU CAUSAL ANALYSIS COURSE

SEPTEMBER 2010

## REGISTRATION FORM

Please register the following people for the upcoming Motu Causal Analysis Course to be run in September 2010

Name(s):	<u>PART A</u> [ Y / N ]	<u>PART B</u> [ Y / N ]
_____	[ Y / N ]	[ Y / N ]
_____	[ Y / N ]	[ Y / N ]
_____	[ Y / N ]	[ Y / N ]
_____	[ Y / N ]	[ Y / N ]
_____	[ Y / N ]	[ Y / N ]
	___ @ \$2,500 = _____	___ @ \$1,250 = _____
		TOTAL (GST Exclusive) = _____

Contact Details	Billing Address (if different from contact) Please send an invoice to the following address:
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Email this form to [dave.mare@motu.org.nz](mailto:dave.mare@motu.org.nz) or Fax to +64 4 939 4251