

Paper for 3. APTS year 7 (2013–14): Summary report to Advisory Committee

Preliminary: some summary counts for all seven years 2007–2013

Numbers of students who took at least one APTS week (of which, EPSRC-funded in brackets):

2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14
88 (38)	88 (37)	100 (45)	90 (37)	128 (46)	129 (40)	147 (40)

Number of APTS lecturers to date: 20 (This will increase to 22 in 2014–15)

Number of APTS-week host institutions to date: 10

Member Institutions

In 2013-14 there were 24 MIs, all located in the UK and Ireland.

APTS weeks, academic year 2013–14

Week 1, December 2013, Cambridge:

- *Statistical Computing* (S N Wood and F Lindgren)
- *Statistical Inference* (J C Rougier)
- Evening sessions: RSS Reception, Making a life, Pub quiz, Academy Dinner

Week 2, April 2014, Warwick:

- *Statistical Modelling* (D C Woods)
- *Statistical Asymptotics* (A T A Wood)
- Evening sessions: RSS Reception, Statistics and Probability at Large, Pub Quiz, Academy Dinner

Week 3, August 2014, Leeds

- *Applied Stochastic Processes* (S B Connor and C A Goldschmidt)
- *Computer Intensive Statistics* (Adam Johansen)
- Evening sessions: RSS Reception, Pub Quiz, Statistics in the Real World, Academy Dinner

Week 4, September 2014, Oxford:

- *Spatial and Longitudinal Data Analysis* (P J Diggle)
- *Nonparametric Smoothing* (A W Bowman and L Evers)
- Evening sessions: RSS Reception, Punting and BBQ, Academy Dinner

Registrations

A total of 152 unique students were registered to attend one or more APTS week in 2013/14. Numbers of registrations for each of the four weeks were 110, 102, 96 and 86, respectively. The corresponding attendance figures were 107, 95, 88 and 81, respectively. At the end of the registration period, we were able to accommodate all students.

Of those 152 students:

- 54 were registered to attend all 4 weeks and 43 students actually did so.



Figure 1: UK 2013/14 Registrations

- 132 were first year students in statistics or probability, of whom 39 were EPSRC funded.
- APTS Member Institutions supplied 110 of the 152 applications.

Student feedback

The following summarizes student responses to an anonymous questionnaire completed at the end of each training week.

A. Preparation for APTS

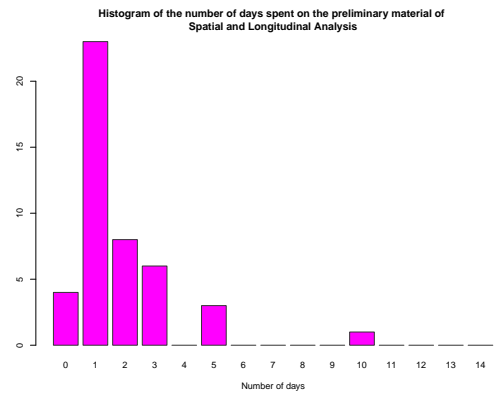
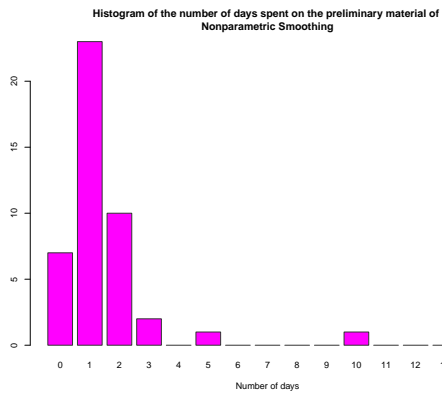
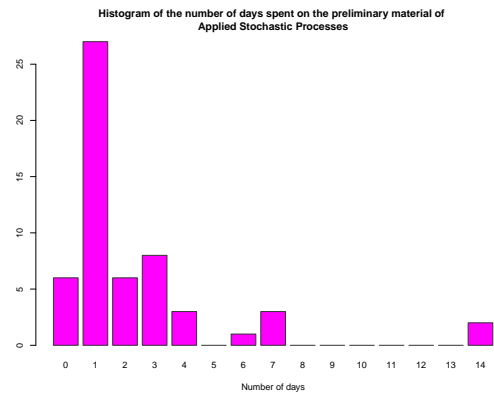
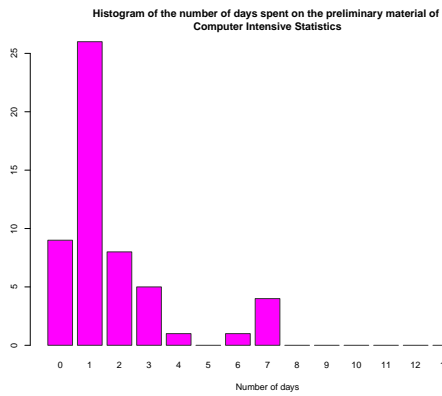
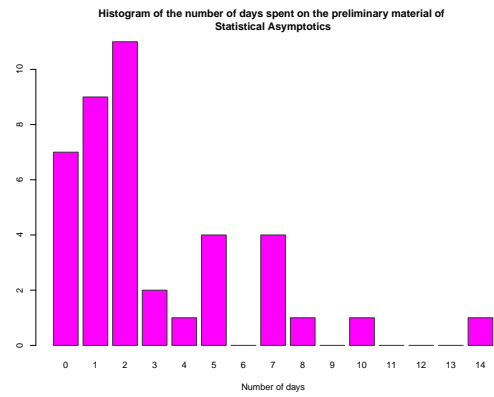
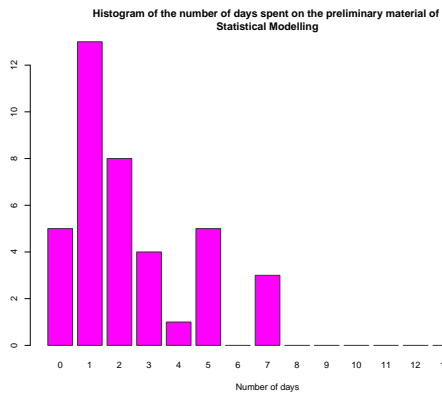
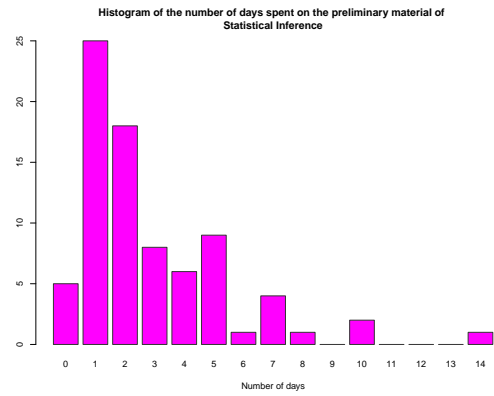
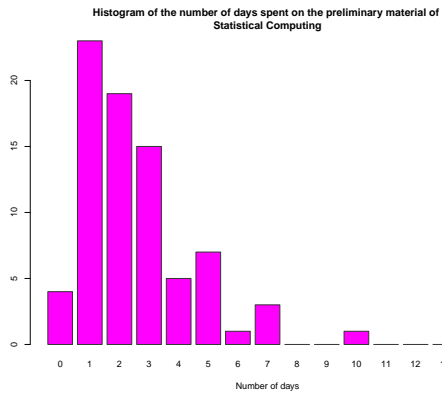
1. Did you find the APTS web site useful?

	Yes	No	Didn't use
Week 1	81	1	1
Week 2	42	0	0
Week 3	60	0	0
Week 4	47	1	1

2. Was it clear exactly what was expected of you in the weeks leading up to this APTS week? (e.g., making travel arrangements, looking at preliminary material, registering your meal choice, etc.)

	Yes	No
Week 1	81	2
Week 2	41	1
Week 3	59	0
Week 4	48	0

3. Roughly, how many days did you spend on the preliminary material?



4. Did the preliminary material help you to understand the lectures this week?

	Yes	No	Didn't use
Statistical Computing	76	3	4
Statistical Inference	67	10	6
Statistical Modelling	32	3	6
Statistical Asymptotics	28	5	8
Computer Intensive	45	3	10
Stochastic Processes	47	6	6
Nonparametric Smoothing	34	2	13
Spatial and Longitudinal	35	5	9

B. The APTS week: material covered

1. How would you rate the level of the module lectures?

	Too easy	Just right	Too hard
Statistical Computing	4	68	11
Statistical Inference	1	68	14
Statistical Modelling	1	37	1
Statistical Asymptotics	2	14	23
Computer Intensive	2	46	11
Stochastic Processes	1	40	18
Nonparametric Smoothing	1	45	3
Spatial and Longitudinal	1	39	9

2. Did the Oxford R lectures help you with the computer sessions during the week?

	Yes	No	Didn't use
Week 1	32	3	47
Week 2	8	1	32
Week 3	10	3	46
Week 4	13	0	34

3. Did you find the computer sessions helpful?

	Yes	No	Didn't attend
Statistical Computing	66	14	1
Statistical Modelling	39	1	0
Computer Intensive	42	4	13
Nonparametric Smoothing	39	0	8

3. Did you bring a laptop to the computer sessions?

	Yes	No
Week 1	73	9
Week 2	32	9
Week 3	43	8
Week 4	33	11

Student costs 2013–14

The following table summarizes the invoices received by APTS sending institutions for the four APTS weeks.

APTS week	Registration fees	Accommodation and food	EPSRC travel allowance
Cambridge	£14,300	£26,905	(£1,001)
Warwick	£13,260	£27,037	(£1,000)
Leeds	£12,480	£25,195	(£995)
Oxford	£6,604	£26,800	(£930)
TOTAL	£46,644	£105,937	(£3,926)

Note:

Registration fee discounts for students attending all four weeks are all deducted from the final week.

Registration for APTS




Student registration for APTS academic year 2014-15 will open on Friday 26th September 2014, and **closes on Friday 31st October 2013**. Registration applications made after that date will be kept in a priority-ordered reserve list, in case of any cancellations.

Students can only be registered for APTS weeks by their "sending institution" (i.e., their home department): a list of these institutions appears below.

- If your department wishes to register as a sending institution, then please [click here](#);
- If your department wishes to commit to being a full Member Institution of APTS, then please [click here](#).
(All Member Institutions are automatically "sending institutions".)

If your department is included in the list below, the APTS contact (who must be a member of academic staff employed by that institution) will be provided with a password enabling him/her to complete the [student registration form](#) for 2014-15 APTS weeks. (The student registration form also gives full information on cost.)

The principles and practicalities of student registration and payments include:

- date of application within the registration period is unimportant --- it is not used in determining the allocation of APTS places to students (see the APTS [Constitution](#)  for the list of priorities)
- sending institutions are invoiced by APTS for the registration fee, and for accommodation/meal costs, of their students who are allocated APTS places
- for EPSRC-funded students taking an APTS week away from home, an allowance is made by APTS to the sending institution towards the cost of travel
- in the case of a student taking all four APTS weeks in the same academic year a 20% rebate of registration fees is made
- all financial transactions with individual APTS students, including those relating to travel expenses, are handled by the sending institution

Please see the [FAQ](#) and the [Billing and Cancellation policy](#) for more specific information and the [list of prerequisites](#) if you are in any doubt as to whether APTS would be suitable for a particular student.

List of sending institutions

Aston University: Mathematics Group
 Cardiff University: School of Mathematics
 Durham University: Dept of Mathematical Sciences
 Government Communications HQ
 Heriot-Watt University: Dept of Actuarial Maths and Statistics
 Imperial College London: Business School
 King's College London: Department of Biostatistics at the Institute of Psychiatry
 Lancaster University: Dept of Maths and Statistics
 Lancaster University: School of Health and Medicine

APTS contact

David Saad
 Anatoly Zhigljavsky
 Jochen Einbeck
 Jeremy Bradley
 George Strefaris
 Walter Distaso
 Andrew Pickles
 Brian Francis
 Benjamin Taylor

London School of Hygiene and Tropical Medicine	James Carpenter
NUI Galway: Dept of Mathematics	John Newell
NUI Maynooth: Dept of Mathematics	Caroline Brophy
Newcastle University: Dept of Mathematics and Statistics	Colin Gillespie
Open University: Dept of Mathematics and Statistics	Kevin McConway
Queens University Belfast: Department of Sustainability	Frank Figge
Trinity College Dublin: Statistics Group	Simon Wilson
University College Cork: Statistics Department	David Hawe
University College Dublin: Statistics Group	Brendan Murphy
University College London: Dept of Infection and Population Health	Andrew Copas
University College London: Dept of Statistical Science	Afzal Siddiqui
University College London: Institute of Child Health	Mario Cortina-Borja
University Kobayashi Maru	Kojiro Vance
University of Aberdeen: Department of Medical Sciences	Ian Stansfield
University of Bath: Dept of Mathematical Sciences	Simon Wood
University of Birmingham: School of Mathematics	Biman Chakraborty
University of Bristol: Dept of Mathematics-Statistics Group	Jonty Rougier
University of Bristol: Dept of Social Medicine	Chris Metcalfe
University of Cambridge: CRI	Simon Tavare
University of Cambridge: MRC Biostatistics Unit	Ian White
University of Cambridge: MRC Human Nutrition Research	Ivonne Solis-Trapala
University of Cambridge: Statistical Laboratory	Susan Pitts
University of East Anglia: School of Computer Science	Elena Kulinskaya
University of Edinburgh: Centre for Population Health Sciences	Chris Weir
University of Edinburgh: Roslin Institute	Mark Bronsvort
University of Edinburgh: School of Mathematics	Natalia Bochkina
University of Essex: Department of Mathematical Sciences	Berthold Lausen
University of Exeter: College of Eng Maths and Phys Sci	Chris Ferro
University of Glasgow: Statistics	Duncan Lee
University of Iceland: Dept of Mathematics	Gunnar Stefansson
University of Kent: IMSAS	Lothar Breuer
University of Leeds: Dept of Statistics	Leonid Bogachev
University of Limerick: Dept of Mathematics and Statistics	Kevin.Hayes
University of Liverpool: Department of Biostatistics	Marta Garcia-Finana
University of Liverpool: Department of Molecular and Clinical Cancer Medicine	Trevor Cox
University of Liverpool: Dept of Mathematical Sciences	Kai Liu
University of Manchester: School of Mathematics	Peter Foster
University of Nottingham: Nottingham Geospatial Institute	Jeremy Morley
University of Nottingham: School of Mathematical Sciences	Chris Brignell
University of Oxford: Dept of Physics	Nick Jones
University of Oxford: Dept of Statistics	Geoff Nicholls
University of Oxford: Wellcome Trust Centre for Human Genetics	Gil McVean
University of Plymouth: School of Computing and Mathematics	Julian Stander

University of Reading: Department of Mathematics and Statistics
University of Salford: Centre for OR and Applied Statistics
University of Sheffield: Dept of Probability and Statistics
University of Sheffield: School of Health and Related Research
University of Southampton: School of Mathematics
University of Southampton: School of Social Sciences
University of St Andrews: School of Maths and Statistics
University of Surrey: Dept of Mathematics
University of Warwick: Complexity Science DTC
University of Warwick: Dept of Statistics
University of Warwick: MASDOC DTC
University of Warwick: MOAC Doctoral Training Centre
University of Warwick: Medical School
University of Warwick: Systems Biology DTC
University of Wolverhampton: School of Technology
University of York: Centre for Reviews and Dissemination
University of York: Department of Mathematics

Dr Fazil Baksh
Phil Scarf
Nick Monk
Stephen Walters
Robin Mitra
Peter Smith
Antony Overstall
Janet Godolphin
Ben Graham
Barbel Finkenstadt
Andreas Dedner
Professor Alison Rodger
Nigel Stallard
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Billing and cancellation



This page gives details of the way in which the accounts of sending institutions will be handled, and of the APTS cancellation policy.

Billing

APTS will maintain an account for each sending institution. Charges made against this account will be:

- registration fee for all students
- cost of the specified accommodation and food requirements

For students who participate in all four APTS weeks in the same academic year, 20% of the total registration fees will be rebated. This is achieved by reducing the registration fee on the final invoice from £135 to £27.

Invoices will be issued to sending institutions **at the end of each APTS week**, for the amounts relating to participation in that APTS week. Registration rebates for students attending all four weeks are made on the invoice for APTS week 4.

Cancellation policy

A statement of this policy will appear also on the form that is signed by sending institutions, to confirm their accepted registrations for APTS, immediately after the closing date for registering students.

1. Registration fees are payable for all students accepted for an APTS week, and are not normally refunded in the event of cancellation.
2. In the event of cancellation of a student's participation in an APTS week, the charges made for accommodation and food will be reduced by
 - **100%** if the cancellation is received **before noon of the Monday six weeks prior to the Monday of APTS week**
 - **50%** if the cancellation is received after that but **before noon of the Monday four weeks prior to the Monday of APTS week**.

(For an APTS week starting on Tuesday or Wednesday, "the Monday of APTS week" means the preceding Monday.) After four weeks prior to an APTS week, charges relating to that APTS week are not normally refunded.

Notice of any cancellation should be sent (by the APTS Academic Contact for the student's home department, NOT by the student concerned) by email to admin@aps.ac.uk.

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