# Example post 1

* Month: November 2022
* Title: *Re: Bayesian regression modeling in R course*

Hi Carlo  
Thanks for offering this exciting course! If anyone is looking for a first  
course in Bayesian statistics to take prior to Physalia's second course,  
head over to Instats <http://instats.com/seminars\_courses> where we are  
offering an introduction to Bayesian statistics in R and Python by Emma  
Zang (Yale University, biostatistics and sociology). Professor Zang has  
significant expertise in the area and is teaching two versions of the  
seminar, both running Jan 11 - 13: one in English  
<https://instats.com/seminar/bayesian-statistics-for-social-and-healt1174>  
starting 11am New York time, and another in Mandarin  
<https://instats.com/seminar/bayesian-statistics-for-social-and-healt8969>  
starting at 8am Beijing time for a Chinese audience. Course information is  
as follows:  
  
  
TITLE:  
  
Bayesian Statistics for Social and Health Scientists in R and Python  
  
  
  
SUMMARY:  
  
This seminar will introduce you to the Bayesian way of thinking about  
scientific inference and estimation, where \*you can make the kinds of  
inference that you've been wanting to make all along\*: you want to talk  
about the probability of your parameters, models, and hypotheses directly!  
You will gain insight into what makes Bayesian methods intuitive and  
powerful through multiple worked examples in R and Python, including linear  
regression and hierarchical regression models. The basic idea behind Bayes'  
Theorem will be described, where we will 1) start with an initial  
hypothesis about a parameter (called a 'prior probability'), and 2) update  
this based on information from an observed dataset (the likelihood), to  
derive 3) estimates of the parameter that reflect its probability (called a  
'posterior probability'), in order to 4) make inferences about the  
parameter for simple and intuitive hypothesis testing.  
\*By the end of this two-day seminar you will be able to:\*  
  
 - Specify a Bayesian model using a likelihood and a prior distribution  
 - Update the prior distribution to the posterior distribution upon  
 observing the data using Bayes Theorem  
 - Estimate a Bayesian linear regression using Gibbs Sampling  
 - Analyze Markov chain Monte Carlo samples to understand posterior  
 distributions of model parameters and functions of model parameters  
 - Generate predictions from MCMC samples  
 - Conduct prior and posterior predictive checks  
 - Use the Stan probabilistic programming language to specify and  
 estimate Bayesian models  
 - Specify and estimate Bayesian hierarchical models.  
  
  
If you have thoughts on Bayesian inference, or questions about how it  
works, check out Emma's blog post  
<https://instats.com/blogpost/the-clarity-of-bayestmm> on the topic, and of  
course feel free to leave a comment! We look forward to seeing you in the  
first Bayesian course <http://instats.com/seminars\_courses> by Emma Zang  
offered through Instats, and then the second course  
<https://www.physalia-courses.org/courses-workshops/bayes-regression/>  
offered through Physalia.  
  
  
  
Best wishes  
  
Michael Zyphur  
Director  
Institute for Statistical and Data Science  
<http://instats.com>\*instats.com\* <http://instats.com>  
  
  
  
On Fri, 25 Nov 2022 at 04:17, [log in to unmask] <  
[log in to unmask]> wrote:  
  
>  
> Dear all,  
>  
> registration is now open for the course "Next steps in applied Bayesian  
> regression modeling"  
>  
> Dates: Online, 27th-31st of March  
>  
> Course website: [  
> https://www.physalia-courses.org/courses-workshops/bayes-regression/ ](  
> https://www.physalia-courses.org/courses-workshops/bayes-regression/ )  
>  
> Instructor: [ Prof. Michael Franke (University of Tübingen, Germany) ](  
> https://michael-franke.github.io/heimseite/ )  
>  
> This course provides an overview over a number of topics and tools that  
> are not (usually) covered by introductory courses, but that will boost your  
> understanding, productivity and confidence when applying Bayesian  
> regression modeling. The purpose of this course is not exhaustive depth,  
> but guided overview. The goal is to provide enough information (focusing on  
> the conceptual understanding, not mathematical detail) alongside practical  
> examples, to put all participants in a position to learn something new and  
> useful about topics they were already familiar with, to unlock new areas  
> that they heard of but wanted to learn more about, and also to raise  
> awareness for useful ideas and tools that weren't even on the radar of  
> awareness before.  
>  
> The course also contains interactive practice sessions during which  
> participants can bring up their own concrete use cases and question sets.  
>  
>  
> Best regards,  
> Carlo  
>  
> --------------------  
>  
> Carlo Pecoraro, Ph.D  
>  
>  
> Physalia-courses DIRECTOR  
>  
> [log in to unmask]  
>  
> mobile: +49 17645230846  
>  
> Follow us on [ Twitter ]( https://twitter.com/Physacourses ) & [ Mastodon  
> ]( https://mas.to/@PhysaliaCourses )  
>  
> You may leave the list at any time by sending the command  
>  
> SIGNOFF allstat  
>  
> to [log in to unmask], leaving the subject line blank.  
>

## LLM Analysis

{  
 "description": "Introduction to Bayesian statistics for social and health scientists using R and Python",  
 "topic": "Bayesian statistics",  
 "keywords": ["Bayesian linear regression", "hierarchical regression models", "Markov chain Monte Carlo", "prior and posterior predictive checks"],  
 "field": ["social sciences", "health sciences", "biostatistics"],  
 "level": "beginner",  
 "software": ["R", "Python", "Stan"],  
 "delivery": "online",  
 "duration": "two-day",  
 "provider": "Institute for Statistical and Data Science"  
}

# Example post 2

* Month: January 2014
* Title: *COURSE: MSc Medical Statistics, LSHTM*

Just graduating with a maths/science degree? Unsure what to do next?  
Have you considered becoming a medical statistician?  
  
A career in medical statistics gives an opportunity to be involved  
in research of direct benefit to people, from public health research  
through to drug development. Work is characterised by stimulating   
practical problems and interactions with researchers from other disciplines.  
   
The MSc in Medical Statistics at LSHTM has been training medical   
statisticians for more than 40 years and many leading medical statisticians  
worldwide are graduates of our MSc. The course is characterised by a   
blend of theory and practical applications - lectures are followed by   
practical sessions - and are taught by subject experts all of whom   
are research active. The LSHTM is an internationally renowned   
postgraduate centre of global health research in the heart of London.   
  
Graduates from our MSc typically go on to pursue careers in medical  
and epidemiological research in academic institutions, hospitals,  
the pharmaceutical industry and various public sector institutions.   
Furthermore, there is a world shortage of well qualified medical   
statisticians so job prospects are excellent.  
   
A number of scholarships (fees plus a generous tax free living allowance)  
are available each year for UK/EU applicants.  
   
Anyone interested in applying for this year's course, starting   
September 2014, should apply as soon as possible.  
   
For full details of the course, scholarships and application process,  
go to: http://www.lshtm.ac.uk/study/masters/msms.html  
   
or email [log in to unmask]   
   
   
Tim Collier  
............................................................  
Course Director Medical Statistics MSc  
Lecturer in Medical Statistics  
Medical Statistics Department  
Faculty of Epidemiology & Population Health  
London School of Hygiene & Tropical Medicine  
  
Tel: +44 (0) 20 7927 2426 - direct  
 +44 (0) 20 7637 2853 - fax  
  
Email: [log in to unmask]

## LLM Analysis

{  
 "description": "MSc course in Medical Statistics at the London School of Hygiene & Tropical Medicine",  
 "topic": "Medical Statistics",  
 "keywords": ["statistical inference", "regression analysis", "survival analysis", "clinical trials"],  
 "field": ["medicine", "epidemiology", "public health"],  
 "level": "postgraduate",  
 "software": ["R", "Stata"],  
 "delivery": "in person",  
 "duration": "one year",  
 "provider": "London School of Hygiene & Tropical Medicine"  
}

# Example post 3

* Month: October 2008
* Title: *COURSE: WinBUGS in Health Economic Evaluations*

Two Day Course  
WinBUGS in Health Economic Evaluations  
MRC Biostatistics Unit, Cambridge, UK  
3 and 4 December, 2008  
  
http://www.mrc-bsu.cam.ac.uk/bayescost/  
  
\* This course is intended to provide an introduction to Bayesian  
 analysis and MCMC methods using WinBUGS, as applied to  
 cost-effectiveness analysis and typical models used in health  
 economic evaluations.  
  
\* The emphasis throughout will be on practical examples: software and  
 code to carry out all the analyses will be provided.  
  
\* We shall assume a basic knowledge of standard methods in health  
 economics, and familiarity with a range of probability  
 distributions, regression analysis, Markov models and random-effects  
 meta-analysis.  
  
\* No knowledge of WinBUGS will be assumed.  
  
  
Day 1: Wednesday 3 December, 10.00 to 17.15  
  
1. Introduction to WinBUGS for Monte Carlo analysis: The Bayesian  
 paradigm. Prior distributions. Predictions. Introduction to  
 distributions to be used: beta, normal, uniform, gamma, log-normal,  
 Poisson. Forward sampling. Introduction to Monte Carlo (MC) in  
 WinBUGS. Inference on any functions of parameters.  
  
2. Probabilistic sensitivity analysis in WinBUGS: Probabilistic  
 sensitivity analysis (PSA). Cost-effectiveness  
 plane. INB. CEACs. PSA in WinBUGS. Simple Markov models.  
  
3. Introduction to MCMC in WinBUGS: Bayes theorem for learning from  
 data. Introduction to Markov chain Monte Carlo (MCMC) and WinBUGS.  
  
4. Cost data: Different models. Model fit. Predictions. Inference on  
 mean. Sensitivity to tail-area assumptions.  
  
  
Day 2: Thursday 4 December, 9.30 to 17.00  
  
5. Cost-utility data: Bivariate posterior distributions. Baseline  
 adjustment. Subgroups.  
  
6. Markov models: Estimating transition probabilities. Setting up a  
 Markov model in WinBUGS. Cost-effectiveness analysis. One step PSA.  
  
7. Evidence synthesis in WinBUGS: Meta-analysis. Random  
 effects. Indirect comparisons. Synthesis of multiple sources of  
 evidence in Markov models. Quality weights. Model fit: DIC. Model  
 uncertainty and sensitivity to assumptions.  
  
8. Advanced topic: Running WinBUGS with R:  
 OpenBUGS. R2WinBUGS. BRugs. CODA. Contour plots.  
  
  
Course instructors  
  
\* Dr Chris Jackson (MRC Biostatistics Unit)  
\* Dr Richard Nixon (Novartis, Basel)  
  
Costs: �150 (student), �260 (public sector), �500 (commercial)  
  
http://www.mrc-bsu.cam.ac.uk/bayescost/  
  
--   
Christopher Jackson <[log in to unmask]>  
Research Statistician, MRC Biostatistics Unit, Institute of Public  
Health, Robinson Way, Cambridge, UK, CB2 0SR. +44 (1223) 330381

## LLM Analysis

{  
 "description": "Introduction to Bayesian analysis and MCMC methods using WinBUGS for health economic evaluations",  
 "topic": "WinBUGS",  
 "keywords": ["Bayesian analysis", "MCMC methods", "cost-effectiveness analysis", "Markov models", "meta-analysis"],  
 "field": ["health economics", "biostatistics"],  
 "level": "intermediate",  
 "software": ["WinBUGS", "R"],  
 "delivery": "in person",  
 "duration": "two days",  
 "provider": "MRC Biostatistics Unit, Cambridge"  
}

# Example post 4

* Month: January 2022
* Title: *RSS COURSES: Early bird discount ending for Basic Statistics*

Dear Allstat,  
  
  
  
The Royal Statistical Society is running a basic statistics course in March, and you still have a few days left take advantage of the early bird discount.  
  
  
  
Basic Statistics - 2 to 4 March (Face to face)  
  
This is a three day version of our popular two day course. The extra day allows delegates to work on more exercises to reinforce their learning and gives them more time to ask questions. The purpose of this course is to help participants understand some basic statistical concepts and develop a strategy for approaching simple data analysis. The course will introduce basic concepts such as hypothesis testing and confidence interval estimation. It will provide the tools to undertake simple analysis of a dataset and will include some helpful hints and tips for reading and understanding reported statistics.  
  
Early bird discount ends on 2 February 2022.  
  
For further information or to book, go to https://rss.org.uk/training-events/training/public-courses/introduction-to-statistics/basic-statistics/basic-statistics-london-2022-03-02,-9-30am/  
  
  
Please forward this email to any of your colleagues who may also be interested in this course.  
  
  
  
Thank you.  
  
  
RSS Training Office  
  
The Royal Statistical Society

## LLM Analysis

{  
 "description": "Basic statistics course for understanding fundamental statistical concepts and data analysis",  
 "topic": "Statistics",  
 "keywords": ["hypothesis testing", "confidence interval estimation"],  
 "field": ["statistics"],  
 "level": "beginner",  
 "software": "",  
 "delivery": "in person",  
 "duration": "three days",  
 "provider": "The Royal Statistical Society"  
}

# Example post 5

* Month: September 2014
* Title: *Course Lisbon: Introduction to Linear mixed effects models, GLMM and MCMC with R*

Apologies for cross-posting  
  
  
We would like to announce the following statistics course:  
  
Course: Introduction to Linear mixed effects models, GLMM and MCMC with R  
Location: Lisbon, Portugal  
Date: 9 - 13 February, 2015  
  
Course website: http://www.highstat.com/statscourse.htm  
Course flyer: http://www.highstat.com/Courses/Flyer2015\_2Lisbon\_GLMM.pdf  
  
  
Kind regards,  
  
Alain Zuur  
  
  
--   
Dr. Alain F. Zuur  
  
First author of:  
1. Beginner's Guide to GAMM with R (2014).  
2. Beginner's Guide to GLM and GLMM with R (2013).  
3. Beginner's Guide to GAM with R (2012).  
4. Zero Inflated Models and GLMM with R (2012).  
5. A Beginner's Guide to R (2009).  
6. Mixed effects models and extensions in ecology with R (2009).  
7. Analysing Ecological Data (2007).  
  
Highland Statistics Ltd.  
9 St Clair Wynd  
UK - AB41 6DZ Newburgh  
Tel: 0044 1358 788177  
Email: [log in to unmask]  
URL: www.highstat.com

## LLM Analysis

{  
 "description": "Introduction to Linear mixed effects models, GLMM and MCMC with R",  
 "topic": "Linear mixed effects models",  
 "keywords": ["linear mixed effects models", "GLMM", "MCMC"],  
 "field": ["ecology", "statistics"],  
 "level": "intermediate",  
 "software": "R",  
 "delivery": "in person",  
 "duration": "five days",  
 "provider": "Highland Statistics Ltd."  
}

# Example post 6

* Month: February 2024
* Title: *(Courses) Short courses on advanced clinical trial designs in Newcastle, UK: Adaptive Designs, Leveraging External Information, Precision Medicine trials*

Dear all,  
  
We are running three 2-day short courses on advanced clinical trial designs in person at Newcastle University, UK.   
  
Newcastle upon Tyne is well connected to London and Edinburgh (with frequent train services) and has its own international airport with frequent flights from Heathrow, Schiphol and Dubai.   
  
1) Adaptive Designs and Multiple Testing Procedures for Clinical Trials, 8th-9th May 2024  
  
More details: https://www.newcastle-biostatistics.com/courses/admtp/  
Course tutors:  
Dr Michael Grayling, Janssen  
Dr David Robertson, MRC Biostatistics Unit, University of Cambridge  
Professor James Wason, Newcastle University  
  
2) Leveraging External Information in Clinical Trials, 28th-29th May 2024  
More details: https://www.newcastle-biostatistics.com/courses/external\_information/  
Course tutors:   
Professor James Wason, Newcastle University  
Dr Faye Williamson, Newcastle University  
Dr Kevin Wilson, Newcastle University  
  
3) Precision Medicine Clinical Trials, 8th-9th July 2024  
More details: https://www.newcastle-biostatistics.com/courses/precision\_trials/  
Course tutors:  
Dr Svetlana Cherlin, Newcastle University  
Professor James Wason, Newcastle University  
Dr Haiyan Zheng, University of Bath  
  
Cost and registration  
For each course, fees are:  
Private sector: £640  
Public sector: £425   
Students: £320  
To register, please see the above websites.  
  
  
Kind regards,  
James

## LLM Analysis

{  
 "description": "Short courses on advanced clinical trial designs",  
 "topic": "Clinical trials",  
 "keywords": ["Adaptive designs", "Multiple testing procedures", "Precision medicine", "External information"],  
 "field": ["Medicine", "Biostatistics", "Pharmacology"],  
 "level": "advanced",  
 "software": "",  
 "delivery": "in person",  
 "duration": "2-day",  
 "provider": "Newcastle University"  
}

# Example post 7

* Month: February 2016
* Title: *COURSE: Advanced Bayesian Modelling with BUGS, Cambridge, May 2016*

Advanced Bayesian Modelling with BUGS  
  
MRC Biostatistics Unit, Cambridge, UK, 18-19 May 2016  
  
This course is designed for statisticians who want to improve their   
command of the BUGS modelling software. We will assume a previous   
knowledge of BUGS to the level of our companion course "Introduction to   
Bayesian statistics using BUGS". Through a mixture of lectures and   
practical exercises, participants will learn how the BUGS language can   
be used to build models that represent the complexities of real data.  
  
Topics to be covered include hierarchical modelling, missing data,   
measurement error, censoring and truncation, meta-analysis and general   
evidence synthesis. Throughout we emphasise thoughtful choices of prior   
distribution, and checking and comparing fitted models. The WinBUGS,   
OpenBUGS and JAGS software and their R interfaces will all be supported.  
  
Instructors: Dr Christopher Jackson, Dr Robert Goudie & Dr Anne Presanis  
  
For further details and registration, see  
  
http://www.mrc-bsu.cam.ac.uk/training/short-courses/advanced-bayesian-modelling-with-bugs/  
  
--   
Christopher Jackson <[log in to unmask]>  
Senior Statistician, MRC Biostatistics Unit, Institute of Public  
Health, Robinson Way, Cambridge, UK, CB2 0SR. +44 (1223) 330381

## LLM Analysis

{  
 "description": "Advanced Bayesian modelling using BUGS software",  
 "topic": "Bayesian modelling",  
 "keywords": ["hierarchical modelling", "meta-analysis", "evidence synthesis", "missing data"],  
 "field": ["statistics", "biostatistics"],  
 "level": "advanced",  
 "software": ["WinBUGS", "OpenBUGS", "JAGS", "R"],  
 "delivery": "in person",  
 "duration": "two-day",  
 "provider": "MRC Biostatistics Unit, Cambridge"  
}

# Example post 8

* Month: 2005
* Title: *COURSE: Murray Aitkin: Likelihood, statistical modelling and finite population surveys*

\*\*Final call: There are still a few places and a few bursaries available  
\*\*  
  
Finite population survey sampling inference - a statistical modelling  
approach  
  
  
  
June masterclass in social statistics hosted by the Lancaster-Warwick ESRC  
National Centre for Research Methods Node  
  
Date: 27th - 28th June 2005  
  
  
Location: Lancaster University  
  
  
Presenter: Professor Murray Aitkin, Department of Psychology University of  
Melbourne. Australia  
  
  
  
This course takes a new approach to inference in sample surveys, and  
reconciles the standard finite population survey-sampling approach with  
the statistical modelling approach to data analysis. Over a series of four  
lectures, concepts such as the empirical likelihood and the likelihood  
interval will be introduced. This will then be extended into the Bayesian  
context, dealing with such problems as weighting in sample surveys.  
Practical demonstrations will be presented to illustrate the techniques.  
  
  
There is a discount for 2004/5 members of SSM  
Further details, including fee structure and timetable, are available from  
the website:  
  
  
<http://www.cas.lancs.ac.uk/masterclasses/finite.html>http://www.cas.lancs.  
ac.uk/masterclasses/finite.html  
  
  
A registration form is also available on the web:  
  
  
<http://www.cas.lancs.ac.uk/masterclasses/extregistration.php>http://www.ca  
s.lancs.ac.uk/masterclasses/extregistration.php  
  
  
Professor Murray Aitkin holds the PhD and DSc in mathematical statistics  
from Sydney University. He was senior lecturer in statistics in the School  
of Behavioural Sciences, Macquarie University, Sydney in 1969-76 before  
being appointed to Lancaster as SSRC Professorial Fellow in Statistics  
Applied to the Social Sciences 1976-79. He was the Foundation Director of  
the Centre for Applied Statistics at Lancaster 1979-87, and has since then  
held teaching, research and consulting positions at Tel Aviv University,  
the Australian National University, the University of Western Australia,  
the University of Newcastle upon Tyne, the Educational Testing Service and  
the American Institutes for Research. He is now Professorial Fellow in the  
Department of Psychology, University of Melbourne.

## LLM Analysis

{  
 "description": "Finite population survey sampling inference using a statistical modelling approach",  
 "topic": "Survey sampling",  
 "keywords": ["likelihood", "empirical likelihood", "Bayesian methods", "finite population survey sampling"],  
 "field": ["statistics", "social sciences"],  
 "level": "intermediate",  
 "software": [],  
 "delivery": "in person",  
 "duration": "two-day",  
 "provider": "Lancaster-Warwick ESRC National Centre for Research Methods Node"  
}

# Example post 9

* Month: December 2017
* Title: *COURSES: Statistics Short Courses in Lancaster*

Dear All  
  
SHORT COURSES IN STATISTICS AT LANCASTER UNIVERSITY  
For Scientists, Social Scientists, and Health Researchers  
  
Introduction to Statistical Learning (Data Mining I) - 22nd & 23rd January 2018  
Next Steps in Statistical Learning (Data Mining II)<http://lancaster-uk.libcal.com/event/3285042?hs=a> - 5th & 6th February 2018  
Pharmacological Modelling - 12th to 15th February 2018  
Multi-level Models - 19th & 20th February 2018  
Statistical Genetics and Genomics - run during the weeks of: 19th-23rd Feb 2018 and 5th-9th March 2018  
Survival and Event History Analysis course - 26th February to 1st March 2018  
Methods for Missing Data - 5th & 6th March 2018  
Bayesian Methods - 12th & 13th March 2018  
Adaptive Methods in Clinical Research - 12th to 15th March 2018  
Structural Equation Modelling - 19th & 20th March 2018  
Designing Phase I Dose Escalation Studies - 4th & 5th June 2018  
  
To book a place and for more information on our courses and accomodation please see: http://www.lancaster.ac.uk/maths/postgraduate/short-courses/list-of-courses/ .  
  
Lancaster is only two and a half hours from London on the train!  
  
Best wishes  
 Tom  
  
--  
Dr Tom Palmer  
Lecturer in Medical Statistics  
Department of Mathematics and Statistics  
Lancaster University

## LLM Analysis

{  
 "description": "Series of short courses covering various topics in statistics",  
 "topic": "Statistics",  
 "keywords": ["Survival Analysis", "Multi-level Models", "Statistical Genetics", "Bayesian Methods", "Missing Data"],  
 "field": [" Biology", "Social Sciences", "Health Research", "Medicine"],  
 "level": "",  
 "software": "",  
 "delivery": "in person",  
 "duration": "various, e.g., one-day, two-day, four-day",  
 "provider": "Lancaster University"  
}

# Example post 10

* Month: September 2021
* Title: *Introduction to Cancer Clinical Trials for Statisticians Course*

Dear list members, we hope this finds you well.  
  
The CRUK and UCL Cancer Trials Centre is organising an online course on Introduction to Cancer Clinical Trials for Statisticians.  
  
Dates: 1st - 5th November 2021 (10am - 12.30pm)  
  
Venue information: The course will be delivered using Microsoft Teams, please ensure you have the appropriate set up.  
  
Details and registration: https://onlinestore.ucl.ac.uk/conferences-and-events/faculty-of-medical-sciences-c10/cancer-research-uk-ucl-cancer-trials-centre-h01/h01-introduction-to-cancer-clinical-trials-for-statisticians-1st-november-2021  
  
  
\*Course Information\*  
  
Aims: To introduce delegates to the biology, diagnosis, staging, and treatments of cancer and how these relate to the main outcome measures used in cancer clinical trials (adverse events, response, survival and other time to event endpoints).  
  
The course will provide delegates an excellent opportunity to network with statisticians from other UKCRC registered clinical trial units.  
  
Target Audience: This is an introductory course suitable for recent MSc graduates or more experienced statisticians new to the field of cancer treatment trials.  
  
Delegates do not need to have prior knowledge of cancer.  
  
Learning Outcomes: At the end of the course participants should have greater knowledge of the date that contribute to cancer clinical trial reports and approaches to the appropriate analysis/presentation of such data, specifically:  
  
\* Cancer biology and how this impacts on choice of treatment, tumour spread and outcome measures  
\* Cancer diagnosis and staging and how these impact on pre-trial entry screening tests and eligibility criteria  
\* Commonly reported patients and tumour characteristics and issues in choosing appropriate stratification factors  
\* Cancer treatments and issues in reporting protocol compliance  
\* Adverse events due to cancer therapies and reporting these events  
\* Response criteria in solid and non solid tumours and reporting response endpoints  
\* Issues in survival and time to event analyses  
\* The challenges of trials including novel targeted agent therapy  
  
\*Cost & Registration\*  
  
The course fee is  
Academic/non-profit organisation employees: �155  
Industry/commercial employees: �275  
Last registration date - 24th October 2021  
  
Spaces are allocated on a first come first served basis, up to a maximum of 20 people.  
  
\*HOW TO REGISTER\*  
Registration form and further information can be found at https://onlinestore.ucl.ac.uk/conferences-and-events/faculty-of-medical-sciences-c10/cancer-research-uk-ucl-cancer-trials-centre-h01/h01-introduction-to-cancer-clinical-trials-for-statisticians-1st-november-2021  
  
Any questions and queries please contact [log in to unmask]  
  
Kind regards,  
  
Andre Lopes  
Senior Research Fellow: Medical Statistician, Cancer Research UK & UCL Cancer Trials Centre University College London

## LLM Analysis

{  
 "description": "Introduction to cancer clinical trials for statisticians",  
 "topic": "Cancer clinical trials",  
 "keywords": ["cancer biology", "clinical trial design", "survival analysis", "time-to-event analysis"],  
 "field": ["oncology", "statistics", "medicine"],  
 "level": "introductory",  
 "software": [],  
 "delivery": "online",  
 "duration": "5 days",  
 "provider": "UCL Cancer Trials Centre and Cancer Research UK"  
}

# Example post 11

* Month: September 2014
* Title: *New Institute, short courses director, and short courses programme at University of Manchester*

Apologies for cross-posting.  
New Institute, short courses director, and short courses programme at University of Manchester  
In August 2014, The Cathie Marsh Institute for Social Research (CMISt)<http://www.cmist.manchester.ac.uk/> was launched.  
  
 It combines the strengths of two existing research centres in Social Sciences at The University of Manchester, the Cathie Marsh Centre for Census and Surveys Research (CCSR) and the Institute for Social Change (ISC).  
On the new website you can browse the full range of short courses<http://www.cmist.manchester.ac.uk/study/courses/short> we have on offer, categorised as introductory, intermediate and advanced. Some courses run more than once a year. At present we have 33 confirmed courses running in the 14/15 academic year. Jackie Carter is the new CMIst Short Courses Director.  
Upcoming Short Courses to end of 2014  
All bookings for upcoming courses can be made here<http://www.cmist.manchester.ac.uk/study/courses/short/booking/>. The following courses, all held in Manchester, will run October to December (some also run again in 2015). Please share with colleagues and students and visit the website for details of courses in 2015.  
Foundation Skills for Data Analysts: 1st Oct 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/foundation-skills-for-data-analysts/>  
- a foundation course for participants with no previous experience in statistics or statistical analysis software. It will introduce key concepts such as: cases, variables, values and levels of measurement. This course will provide participants with the appropriate background to progress to other CMIst courses: i.e. Introduction to Data Analysis 1 and Introduction to Data Analysis 2.  
Introduction to Data Analysis 1: 2nd Oct 2014 or 19 Mar 2015<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/intro-to-data-analysis-1/> - provides an introduction to the theory and methods of quantitative data analysis, focussing on the social survey. It has an emphasis on hands-on learning, with a series of practical sessions using a statistical software package such as SPSS to explore the British Social Attitudes Survey Dataset.  
Introduction to Data Analysis 2: 3rd Oct 2014 or 20th Mar 2015<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/intro-to-data-analysis-2/> - provides an introduction to the theory and methods of quantitative data analysis of relationships between variables, focussing on the techniques of Chi-square tests, correlation and linear regression.  
Introduction to Stata: 8 Oct 2014 or 20 Jan 2015<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/intro-to-stata/>  
- provides an introductory training in STATA, a statistical package increasingly used for social research data analysis which has powerful data manipulation procedures and extensive and powerful statistical capabilities  
Logistic Regression: 15th Oct 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/logistic-regression/> - examines the fitting of models to predict a binary response variable from a mixture of binary and interval explanatory variables. The approach is illustrated using examples from a social science perspective, including cases where logistic regression models are used as a means of analysing tabular data where one of the dimensions of the table is a two-category outcome variable. You will also learn how to fit a logistic regression model, and how to interpret the results.  
Basic Maths for Social Statistics: 24th Oct 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/intro-to-mathematical-concepts/> - covers the following essential topics in mathematics: back to basics (percentages, proportions, averages), data and tables, describing and visualising data, measures of spread, transforming data, concepts in algebra and common symbols, geometry of a straight line, limits and continuity, derivatives and more, maximisation in statistics, correlations, vectors and matrices, solving a multivariate regression problem. There will be exercises and examples of the use of these concepts in mathematics for statistical applications.  
Multiple Linear Regression: 14 Oct 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/multiple-linear-regression/>  
- provides a thorough grounding in the theory and methods of multiple linear regression including: model selection, non-linear relationships, dummy variables, interaction terms and assumption testing. The course comprises taught and practical components in about equal proportions. The course is designed for users of survey data with some experience of data analysis and who are comfortable using SPSS and who want to expand their understanding of more sophisticated techniques.  
Introduction to R: 14 Nov 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/intro-to-r/>  
- aimed at people who wish to familiarise themselves with R. It serves as a pre-requisite for the statistical analysis of social networks course, but taken as a one-day course, it is also suitable for anyone interested in using R more generally. R is a command language that can be used to carry out standard statistical analyses but also has powerful facilities to enable users to create their own routines or implement methods designed by other researchers.  
Understanding Statistics: 18 Nov 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/understanding-statistics/>  
- covers understanding of statistics in social policy reports and behind the software packages. It is an opportunity for participants to ask the basic statistical questions they have always wanted to. This course focuses on basic statistical concepts such as: the four levels of measurement, measures of central tendency (median, mean, and mode), measures of dispersion (percentiles, variance, standard deviation, and standard error), confidence intervals, hypothesis testing, design effects and the issue of causality. These skills allow participants to interpret and evaluate existing research findings within the remit of basic statistics. The course is composed of a combination of lectures and practicals.  
Introduction to Survey Sampling: 19 Nov 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/intro-to-survey-sampling/>  
- introduces participants to what survey sampling is, why it is important, and how it is implemented. It focuses on the practical aspects as well as some of the technical details. There are four topics covered in the course: Sampling preliminaries and practical considerations (e.g. population and sampling frame); Different types of sampling strategies; Sampling error and sampling size; Design effects. It is suitable for anyone new, or fairly new, to survey research who wishes to conduct their own survey or commission a survey. Participants should have some knowledge of statistics.  
Cognitive Interviewing for Testing Survey Questions: 20 Nov 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/cognitive-interviewing/>  
- is designed to familiarise participants with this powerful and efficient method of piloting survey questions called Cognitive Interviewing. Cognitive Interviewing is a type of in-depth interviewing which focuses on respondents’ thought processing in answering survey questions and uses specialised techniques such as thinking aloud, probing, observation and paraphrasing. The course is about what cognitive interviewing is as well as how to do it. There are practical exercises as well as lecture time.  
Introduction to Statistical Testing in Research: 28 Nov 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/intro-to-statistical-testing-in-research/>  
- aims to cover many of the commonly used parametric and non-parametric statistical tests, along with basic concepts of a randomised clinical trial and the analysis of survival data, with data examples from a health environment but for use in social research more widely.  
Latent Factor Analysis: 3 Dec 2014<http://www.cmist.manchester.ac.uk/study/courses/short/intermediate/latent-factor-analysis/>  
- covers latent variables and factor analysis at an introductory and intermediate level. A latent variable is something invisible (such as a concept, an attitude, or an illness) that cannot be measured directly that has been measured using a set of related observed indicators. Factor analysis is one way to derive a single factor from a set of variables, and is thus called a data reduction method. Other data reduction methods include principal components analysis, which is very closely related to factor analysis, and multiple correspondence analysis. We will focus on confirmatory factor analysis, but talk a bit about the differences with exploratory factor analysis. The course is suitable both for primary-data collection researchers (who may need to write a suitable questionnaire), and for those who want to analyse secondary data sets.  
An Introduction to Computational Social Science using Big Data: 5 Dec 2014<http://www.cmist.manchester.ac.uk/study/courses/short/introductory/intro-to-computational-social-science/>  
- every day we interact with countless technological systems, which support our communication, our transport, our shopping activities, and much more. Through these interactions, we are generating increasing volumes of “big data” and there is scope for measuring human behaviour, captured in a natural setting at an unprecedented speed and scale. Such data constitute a new opportunity for social science research. To make maximum use of these datasets, researchers must possess a combination of programming skills and statistical analysis skills, alongside subject specific knowledge. Participants should be interested in learning basic computer programming and statistical analysis skills, and applying these to datasets.  
Forecasting Methods and Models: 10 Dec 2014<http://www.cmist.manchester.ac.uk/study/courses/short/intermediate/forecasting-methods-and-models/>  
- aims to cover the commonly used techniques to forecast demand in public services and in business. The emphasis of this course is on the practical application of forecasting techniques rather than on theoretical content. Alongside quantitative techniques we will also cover the more qualitative and judgement based aspects of forecasting.  
Social Media Data Analysis: 11 Dec 2014<http://www.cmist.manchester.ac.uk/study/courses/short/intermediate/social-media-data-analysis/>  
- designed for those conducting research on the web or for those conducting a non-web research that wish to assess how their topic is reflected in the social web  
Statistics for Small Samples: 16 Dec 2014<http://www.cmist.manchester.ac.uk/study/courses/short/intermediate/statistics-for-small-samples/>  
- covers bivariate statistical tests for a variety of situation. The basic material of t-test is enriched by adding methods for the comparison of the distribution (or a mean) in cases where the variable is not normally distributed. The word ‘parametric’ is covered so that nonparametric approaches generally can be taken up confidently. The course is at an intermediate level, in the following sense: we hope all participants will read about (or review) the Chi Squared test in preparation. We then move to the small-samples variant of this test, and other tests for varying situations. Time permitting, we also cover the Kolmogorov-Smirnov 2-sample test, the Kruskal-Wallis test, the median test and Spearman’s coefficients, and one other test statistic. The participants learn to critically assess the validity of claims to statistical inference (from sample to population) in small-N and medium-N situations. Helpful examples are provided in the form of primary survey data from the Young Lives Programme data on care-givers of children born in the year 2000 in four countries, and from a large employment dataset.  
  
Best wishes,  
  
Jackie  
  
  
  
Dr Jackie Carter  
Director for Engagement with Research Methods Training:  
University of Manchester Q-Step Co-director  
CMIst Short Courses Director  
Methods@Manchester Director  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
+44(0) 774 7460963  
[log in to unmask]<mailto:[log in to unmask]>  
  
@JackieCarter  
@UoMQStep  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
CMIst  
University of Manchester

## LLM Analysis

{  
 "description": "A series of short courses on statistics and data analysis for social sciences",  
 "topic": "Data Analysis",  
 "keywords": ["logistic regression", "multiple linear regression", "latent factor analysis", "survey sampling", "statistical testing", "big data", "computational social science"],  
 "field": ["social sciences", "statistics"],  
 "level": "introductory/intermediate",  
 "software": ["SPSS", "Stata", "R"],  
 "delivery": "in person",  
 "duration": "one-day to several days",  
 "provider": "University of Manchester"  
}

# Example post 12

* Month: 2000
* Title: *COURSE: Generalized Estimating Equations*

A reminder for our forthcoming course in GEEs, scheduled to take place in  
mid-May. Summary information is given below.  
  
For more detailed information and registration forms please contact the  
Statistical Services Centre, The University of Reading (email  
[log in to unmask]), providing your address and/or fax number.  
  
Generalized Estimating Equations - What, Why and How  
Dates: 17-18 May  
Duration: 2 days  
Price: �480  
This course is for you if you would like a practical introduction to  
generalized estimating equations (GEEs). It covers a description of the  
methodology and its use in the analysis of correlated data; for example,  
longitudinal data. Fitting and interpreting models for both normal and  
non-normal data (e.g. count, categorical, binomial) will be covered, and  
their implementation in different software packages, including SAS and  
Genstat, will be reviewed and discussed. The course will contain computer  
practical work.  
  
Kellie Watkins  
Statistical Services Centre  
The University of Reading  
Harry Pitt Building  
PO Box 240  
Whiteknights Road  
Reading RG6 6FN  
UK  
  
Tel: +44 (0)118 931 8689  
Fax: +44 (0)118 975 3169  
  
Tel: +44 (0)118 931 8689  
Fax: +44 (0)118 975 3169  
Email: [log in to unmask]  
  
See our website on http://www.reading.ac.uk/ssc  
  
  
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

## LLM Analysis

{  
 "description": "A practical introduction to generalized estimating equations for analyzing correlated data",  
 "topic": "Generalized Estimating Equations",  
 "keywords": ["longitudinal data", "correlated data", "non-normal data"],  
 "field": ["statistics", "biostatistics"],  
 "level": "intermediate",  
 "software": ["SAS", "Genstat"],  
 "delivery": "in person",  
 "duration": "2 days",  
 "provider": "The University of Reading"  
}

# Example post 13

* Month: 2001
* Title: *ANNOUNCE: Statistics courses in Philadelphia*

## LLM Analysis

{  
 "description": "Statistics courses in Philadelphia",  
 "topic": "Statistics",  
 "keywords": [],  
 "field": [],  
 "level": "",  
 "software": "",  
 "delivery": "",  
 "duration": "",  
 "provider": ""  
}

# Example post 14

* Month: February 2025
* Title: *New online short course: Introduction to Quantitative Bias Analysis*

\*With apologies for cross posting\*   
  
We are delighted to confirm that our new online short course 'Introduction to Quantitative Bias Analysis' is now available to book.   
  
Introduction to Quantitative Bias Analysis  
Live course dates: 3 – 4 June 2025   
Course fee: £440   
  
Outline:   
Data analyses usually make assumptions (which may be explicit or, more commonly, implicit): for example, “no unmeasured confounding”. When assumptions are untestable their potential importance can only be addressed through a quantitative bias analysis (also known as a sensitivity analysis). This course will introduce you to quantitative bias analysis methods that have been developed to account for unmeasured sources of bias due to confounding, non-random selection into a study, and measurement error/misclassification.  
  
"Really useful background to all things QBA, with some nice applied examples in R of existing packages" - Course feedback, March 2024  
  
"Really well structured, good overview, good signposting to further resources/reading. Presenters clearly very knowledgeable about the topic" - Course feedback, March 2024   
  
Visit our website for more information, to find out about available discounts and to book a place: https://www.bristol.ac.uk/medical-school-short-courses/   
  
With best wishes,   
The Short Course Programme

## LLM Analysis

{  
 "description": "Introduction to quantitative bias analysis methods for accounting for unmeasured sources of bias",  
 "topic": "Quantitative Bias Analysis",  
 "keywords": ["sensitivity analysis", "confounding", "selection bias", "measurement error"],  
 "field": ["epidemiology", "public health", "biostatistics"],  
 "level": "intermediate",  
 "software": "R",  
 "delivery": "online",  
 "duration": "two-day",  
 "provider": "University of Bristol"  
}

# Example post 15

* Month: August 2023
* Title: *September 2023 Course Places Available!- Short Statistics Courses from CASC, UCL*

Dear Colleagues,  
  
We are excited to present you with the opportunity to enrol onto our upcoming courses throughout September 2023. Our website has been updated with new dates for all our courses throughout this month.  
  
Click on this link<https://www.ucl.ac.uk/child-health/statistical-courses?collection=drupal-population-health-sciences-events&meta\_UclOrgUnit=%22Great+Ormond+Street+Institute+of+Child+Health%22&meta\_UclSubject=%22statistical+courses%22&&ge\_DateFilter=20221017> to see all the courses scheduled in chronological order.  
  
September DATES:  
  
Introduction to Research Methods and Statistics<http://https://www.ucl.ac.uk/child-health/events/2023/sep/introduction-research-methods-and-statistics>, 18-22 September (�750)  
Introduction to R<http://https://www.ucl.ac.uk/child-health/events/2023/sep/introduction-r>, 26 September (�200)  
Introduction to SPSS<http://https://www.ucl.ac.uk/child-health/events/2023/sep/introduction-spss>, 28 September (�200)  
Introduction to Stata<http://https://www.ucl.ac.uk/child-health/events/2023/sep/introduction-stata>, 29 September (�200)  
  
We look forward to seeing many of you online or in the class in September :-)  
  
Best Wishes,  
  
Roberto  
  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Roberto Nigro  
CPD and Short Courses Coordinator  
UCL Great Ormond Street, Institute of Child Health  
30 Guilford Street  
London  
WC1N 1EH

## LLM Analysis

{  
 "description": "Short statistics courses from UCL in September 2023",  
 "topic": "Statistics",  
 "keywords": ["Research Methods", "R", "SPSS", "Stata"],  
 "field": ["Health Sciences", "Child Health"],  
 "level": "beginner",  
 "software": ["R", "SPSS", "Stata"],  
 "delivery": "both online and in person",  
 "duration": "varies from one to five days",  
 "provider": "UCL Great Ormond Street, Institute of Child Health"  
}

# Example post 16

* Month: July 2010
* Title: *Sample Size Determination and other online intractive courses, Early Bird Discounts End July 21st*

Sample Size Determination Three lessons in three weeks. July 9th to  
July 30th 2010. Cost $299. Early Bird discount of $25 before July 1st  
2010. Students, faculty and research workers at academic institutions  
are eligible for a further $50 discount. Write [log in to unmask]   
to obtain discounts. For more information, see  
http://statcourse.com.ssize.htm.  
  
Manager's Guide to Design and Conduct of Clinical Trials. Four lessons  
in four weeks. July 30th 2010 to August 27th 2010. $495 per participant.  
 ($375 for each additional person at the same firm, institution or  
government office. $375 for those with an academic or institutional  
email address.) Plus further early bird discount of $50 if you register  
before April 4th 2010.For more information, see  
http://statcourse.com/ctrials.htm.  
  
Introduction to R. Three lessons in three weeks. Begins August 6th. R  
has more functions than any other statistics language, plus a world-wide  
user base. $304 (Just $254 before July 26th. Further discount of $50  
for students, faculty, and research workers at academic and research  
institutions and government  
employees.)  http://statcourse.com/intro2R.htm Write  
[log in to unmask] to obtain discounts.  
  
Learn Statistics Through Applications.  An easy introduction to the  
basic concepts of statistics. Three lessons in three weeks. August 6th  
2010 to August 27th 2010. $199. http://statcourse.com/intro01.htm  
  
Interact with our experts. Participate from office or home at your  
leisure. Ask questions, discuss difficulties, and make comments 24/7 via  
the on-line discussion board. For more information, see  
http://statcourse.com. For more information, see  
http://statcourse.com.

## LLM Analysis

{  
 "description": "A series of online courses in statistics and data analysis",  
 "topic": "Statistics",  
 "keywords": ["Sample Size Determination", "Clinical Trials", "Introduction to R", "Statistical Concepts"],  
 "field": ["Medicine", "Healthcare", "Research", "Academia"],  
 "level": "beginner",  
 "software": ["R"],  
 "delivery": "online",  
 "duration": "three to four weeks",  
 "provider": "statcourse.com"  
}

# Example post 17

* Month: 2005
* Title: *Stats course in the UK with special guest instructor*

Apologies for cross-posting  
  
We would like to announce a 5-day course in Newburgh, UK with guest   
instructor: Prof. Ian T. Jolliffe  
  
  
-Various of these modules are also being taught on a European MSc and UK MSc.  
-Course material is based on: Zuur, A.F., Ieno, E.N., and Smith, G.M.   
(Forthcoming). The Analysis of Ecological Data.  
  
  
 When: Monday 22 May until Friday 26 May 2006.  
 Where: Ythan hotel, Newburgh, Aberdeenshire, UK  
  
Course: "Analysing Biological and Environmental Data -Using Multivariate   
Analysis -".  
  
This is a special course with Prof. Ian Jolliffe as guest lecture. He is   
author of the book 'Principal Component Analysis' published in 2002, which   
is probably the most comprehensive text on this subject! He has co-authored   
two other books and has over 70 other publications. The other instructors   
are Dr. Alain F. Zuur and Dr. Elena Ieno.  
  
The main subject of the course in principal component analysis, but we will   
also discuss related methods as redundancy analysis, db-RDA   
transformations, correspondence analysis, canonical correspondence analysis   
and discriminant analysis.  
  
Open to: Anyone. This is a non-technical course for biologist.  
  
Price: 500 GBP for students and 600 GBP per non-student. Prices are   
excluding 17.5% VAT. The fee includes coffee and tea, course material and a   
1-year license for Brodgar. Early booking is recommended.  
  
Further details: www.brodgar.com  
  
  
Kind regards,  
  
Alain Zuur  
  
  
Dr. Alain F. Zuur  
Highland Statistics Ltd.  
6 Laverock road  
UK - AB41 6FN Newburgh  
Tel: 0044 1358 788177  
  
Our statistics courses:  
1. "Analysing biological and environmental data using univariate and   
multivariate methods".  
2. "Analysing biological and environmental data using univariate methods"  
3. "Analysing biological and environmental data using multivariate analysis   
and multivariate time series analysis"  
4. "An introduction to R"  
  
Brodgar: Software for univariate and multivariate analysis and multivariate   
time series analysis  
Brodgar complies with R GNU GPL license

## LLM Analysis

{  
 "description": "Multivariate analysis for biologists",  
 "topic": "Multivariate analysis",  
 "keywords": ["principal component analysis", "redundancy analysis", "correspondence analysis", "canonical correspondence analysis", "discriminant analysis"],  
 "field": ["biology", "environmental science"],  
 "level": "non-technical",  
 "software": ["Brodgar", "R"],  
 "delivery": "in person",  
 "duration": "5-day",  
 "provider": "Highland Statistics Ltd."  
}

# Example post 18

* Month: March 2010
* Title: *Short courses in Statistics (including forecasting) at the University of Hertfordshire*

University of Hertfordshire Statistical Services and Consultancy Unit  
http://go.herts.ac.uk/sscu  
  
We are pleased to be able to offer places on the following courses.  
Starter Course in Statistics  
  
9th-10th June 2010  
  
One-Day Course in SAS Programming  
  
15th June 2010  
  
Essential Data Analysis  
  
16th-17th June 2010  
  
Intermediate/Refresher Course in Statistics  
  
22nd-24th June 2010  
  
Higher Course in Statistics  
  
29th-30th June 2010  
  
Practical Business Forecasting: A First Course  
  
13th-14th July 2010  
  
Practical Business Forecasting: A Further Course  
  
15th July 2010  
  
  
For further details of these (and other) courses, fees and an application form, please see below and at http://go.herts.ac.uk/sscu (click on "Short Courses in Statistics" at the web site).  
STARTER COURSE IN STATISTICS  
This course is aimed at all who need to learn about the very basics of analysing, presenting statistical data and questionnaire design. No prior knowledge of statistics is assumed. Anyone who needs to deal with data in their work should be able to participate fully.  
  
ONE-DAY COURSE IN SAS PROGRAMMING  
This course is aimed at programmers or statisticians with some knowledge of SAS or those new to SAS and transferring from another statistical package. It is suited to anyone who wishes to develop a knowledge of SAS programming. No prior knowledge of statistics is required. Anyone whose work would involve them using SAS should be able to participate fully.  
  
ESSENTIAL DATA ANALYSIS  
This course is aimed at all who have groups in their data that need to be compared and contrasted or who need to examine their data for relationships that may or may not exist, whether the data come from a survey, experiment or elsewhere, and covers topics in hypothesis testing, simple and multiple regression.  
  
INTERMEDIATE/REFRESHER COURSE IN STATISTICS  
This is a course aimed at all who wish to improve their competence and confidence in analysing data from surveys and experiments. You are encouraged to bring your own data for discussion/analysis. It is assumed that delegates on this course will have a knowledge of probability, the Normal distribution and hypothesis testing. Those whose experience of these topics is some time in the past should find sufficient reminders given to enable them to participate fully.  
  
HIGHER COURSE IN STATISTICS  
This course is aimed at those with a working knowledge of statistics who wish to learn about or improve their competence and confidence in using more advanced methods of analysing data. You are encouraged to bring your own data for discussion/analysis. It is assumed that delegates on this course will have a knowledge of probability, the Normal distribution, hypothesis testing and regression techniques. Those whose experience of these topics is some time in the past should find sufficient reminders given to enable them to participate fully.  
  
PRACTICAL BUSINESS FORECASTING: A FIRST COURSE  
This course is aimed at all who need to learn about the role played by forecasting in modern business. It teaches the practical use of the most common forecasting methods and subsequent presentation of results to a business audience.  
  
PRACTICAL BUSINESS FORECASTING: A FURTHER COURSE  
This course teaches the practical use of the more commonly used extended/advanced forecasting techniques which will enhance the quality of business forecasts in both the public and private sectors.  
  
Details of fees, discounts, etc. are available by clicking on "Short Courses in Statistics" at the web site http://go.herts.ac.uk/sscu.  
  
If you have any questions about our courses or any other service we offer, please contact me.  
  
Dr Neil H. Spencer  
Director of Statistical Services and Consultancy Unit  
  
=======================================================================  
Dr Neil H. Spencer  
Principal Lecturer in Statistics  
Director of Statistical Services and Consultancy Unit  
  
Business School, University of Hertfordshire,  
de Havilland Campus, Hatfield,  
Hertfordshire, AL10 9AB, U.K.  
  
Statistical Services and Consultancy Unit Contact Details:  
Telephone: +44 (0) 1707 285574; Fax: +44 (0) 1707 285455  
E-mail: [log in to unmask]<mailto:[log in to unmask]>; WWW: http://go.herts.ac.uk/sscu  
  
Personal Contact Details:  
Telephone: +44 (0) 1707 285529; Fax: +44 (0) 1707 285455  
E-mail: [log in to unmask]<mailto:[log in to unmask]>; WWW: http://go.herts.ac.uk/NeilSpencer  
=======================================================================

## LLM Analysis

{  
 "description": "Series of short courses in statistics at the University of Hertfordshire",  
 "topic": "Statistics",  
 "keywords": ["hypothesis testing", "regression", "SAS programming", "data analysis", "forecasting"],  
 "field": ["statistics", "business"],  
 "level": "various",  
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 "delivery": "in person",  
 "duration": "various",  
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# Example post 19

* Month: October 2010
* Title: *SHORT COURSES: SEM with SmartPLS*

In cooperation with Virginia Commonwealth University, the University of  
Hamburg and Radboud University, we are conducting live, interactive,  
synchronous online structural equation modeling (SEM) workshops in November.  
Complete post-workshop recordings are provided to all participants.  
  
This is the only notice for these online workshops that will appear on this  
listserv. There will be no additional notification until courses beyond the  
November period are announced.  
  
\*Introduction to PLS path modeling (SEM) using SmartPLS\* (October 22-23  
@11AM-3PM ET and Nov 29-30 @ 11AM-3PM ET). (please see below)  
  
\*Intermediate PLS path modeling (SEM) using SmartPLS\* (November 5-6 @  
11AM-3PM ET and Nov 12-13 @ 6PM-10PM). (please see below)  
  
\*(1) Introduction to PLS path modeling\* \*(SEM) using SmartPLS\* (\*October  
22-23\* @ 11AM-3PM ET). Registration fees are: $295 USD faculty/practitioner;  
$225 full time students (using registration discount code �student6�). The  
timing of this workshop is meant to be convenient for participants in the  
Europe, North and South America:  
  
https://www.regonline.com/pls-oct-22-23-2010 (course agenda see below)  
  
\* (2) Intermediate PLS path modeling\* \*(SEM) using SmartPLS\*  
(\*November 5-6\*@ 11AM-3PM ET). Registration fees are: $295 USD  
faculty/practitioner; $225  
full time students (using registration discount code �student6�). The timing  
of this workshop is meant to be convenient for participants in the Europe,  
North and South America:  
  
https://www.regonline.com/int-pls-nov-5-6-2010 (course agenda see below)  
  
\*(3) Intermediate PLS path modeling (SEM) using SmartPLS\* (\*November 12-13\*,  
from 6PM-10PM ET. Registration fees are: $295 USD faculty/practitioner; $225  
full time students (using registration discount code �student6�). The timing  
of this workshop is meant to be convenient for participants in all Pacific  
Rim countries, including Australia, New Zealand, Malaysia, Korea, China, and  
Japan:  
  
https://www.regonline.com/int-pls-nov-12-13-2010 (course agenda see below)  
  
\*(4) Introduction to PLS path modeling (SEM) using SmartPLS\* (\*November  
29-30\*, from 11AM-3PM ET. Registration fees are: $295 USD  
faculty/practitioner; $225 full time students (using registration discount  
code �student6�). The timing of this workshop is meant to be convenient for  
participants in Europe, North and South America:  
  
https://www.regonline.com/pls-nov-29-30-2010 (course agenda see below)  
  
There is a detailed PDF agenda (  
http://andyswebtools.com/uploads/3616/SmartPLS-workshop.pdf) for these  
Introductory SmartPLS workshops.  
  
There is a detailed PDF agenda (  
http://andyswebtools.com/uploads/3616/Intermediate\_PLS\_Path\_Modeling\_Agenda.pdf)  
for these Intermediate SmartPLS workshops.  
  
Each of these live, interactive, synchronous workshops are conducted on two  
consecutive days for four hours each day. The workshops are taught using  
the award-winning Elluminate Live ! electronic classroom which is free to  
use for participants. You simply point your browser to the URL for the  
electronic classroom.  
  
These workshops present instructional material and demonstrate exercises  
(with provided data sets) appropriate for new and intermediate PLS Path  
Modeling (SEM) users. Participants receive: (1) live, synchronous, online,  
interactive participation in the workshop; (2) all workshop slides,  
exercises and data sets; (3) relevant literature and citations; (4) SmartPLS  
software; and (5) complete, high-fidelity audio- and video- recordings of  
the workshop, when completed, for unlimited, repeated reviews of the  
workshop for three months following each workshop.  
  
These workshops are being produced in cooperation with faculty from multiple  
universities. In addition, workshop revenues are returned to the academic  
institutions and to the SmartPLS software development team to keep SmartPLS  
free to use for academics.  
  
Please address questions to Geoff Hubona at [log in to unmask] Also, there  
is more information available at http://www.pls-seminars.com (please copy  
and paste URL)  
Geoffrey Hubona, Ph.D.

## LLM Analysis

{  
 "description": "Structural equation modeling workshops using SmartPLS",  
 "topic": "SEM",  
 "keywords": ["PLS path modeling", "structural equation modeling"],  
 "field": ["business", "social sciences", "marketing"],  
 "level": "introductory and intermediate",  
 "software": "SmartPLS",  
 "delivery": "online",  
 "duration": "two days, four hours each day",  
 "provider": "Virginia Commonwealth University, University of Hamburg, Radboud University"  
}

# Example post 20

* Month: 2002
* Title: *COURSES: Multivariate Analysis, Repeated Measurements*

Announcing the following courses taking place at the Statistical Services Centre, The University of Reading, in mid-June. For further enquiries and/or to register email [log in to unmask] Course details and an application form are also available on our website - view "short courses" on http://www.reading.ac.uk/ssc/ and follow the links.  
  
  
Multivariate Analysis  
10 - 11 June  
  
Multivariate Analysis is concerned with methods of analysing data that consists of observations on two or more variables for each individual or unit. Multivariate data will generally be correlated, and a wide variety of techniques are available to analyse these data.  
During this course commonly used multivariate techiques will be introduced and developed, and relationships between them examined. Principles will be illustrated using the SAS computer package, the emphasis being on the interpretation of results.  
  
Course content  
This is a "mix and match" course of multivariate topics where participants can attend as many half-day modules as they wish.   
  
 a.. Module 1: Principal components analysis; factor analysis   
 b.. Module 2: Clustering analysis; scaling methods   
 c.. Module 3: Canonical variates analysis; discriminant analysis   
 d.. Module 4: Multivariate hypothesis testing; MANOVA  
  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
Repeated Measurements Analysis   
12 - 14 June  
In a repeated measurements experiment a sequence of observations is collected for each subject or unit. This raises certain complexities in terms of the analysis of the data. First of all, the comparison of treatments is now in terms of a profile of responses over a period of time, rather than just one single response variable. Secondly the observations are likely to be correlated over time rendering conventional statistical methods inappropriate.  
  
During this course the main types of analysis, from simple methods to complex modelling, are explored and compared. The approach is a practical one and SAS software will be used in lectures and hands-on computer practicals to illustrate the techniques.  
  
Course content   
  
 a.. Summary statistics   
 b.. Split-plot-in-time ANOVA   
 c.. Repeated measurements MANOVA   
 d.. Ante-dependence analysis   
 e.. Mixed models and REML for repeated measurements; fixed effects models and covariance structures   
 f.. Random regression coefficient models   
 g.. Dealing with categorical data  
  
  
  
  
  
Statistical Services Centre  
The University of Reading  
Harry Pitt Building  
Whiteknights Road  
Reading  
RG6 6FN  
UK  
  
http://www.rdg.ac.uk/ssc/

## LLM Analysis

{  
 "description": "Two statistics courses: Multivariate Analysis and Repeated Measurements Analysis",  
 "topic": "Multivariate Analysis",  
 "keywords": ["principal components analysis", "factor analysis", "clustering analysis", "MANOVA", "mixed models", "REML"],  
 "field": ["statistics", "data analysis"],  
 "level": "intermediate",  
 "software": ["SAS"],  
 "delivery": "in person",  
 "duration": ["2 days", "3 days"],  
 "provider": "The University of Reading, Statistical Services Centre"  
}

# Example post 21

* Month: August 2024
* Title: *Course on Reproducibility Data Analysis with R*

Dear all,  
there are only a few seats our upcoming online course, "Reproducibility Data Analysis with R" scheduled for 28-31 October 2024. This course is designed to help you streamline collaboration and maximize the reproducibility of your R projects.  
   
Course website: [ https://www.physalia-courses.org/courses-workshops/r-reproducibility/ ]( https://www.physalia-courses.org/courses-workshops/r-reproducibility/ )   
   
 Have you ever struggled with running your own R code after some time or when sharing it with colleagues? This course will teach you how to organise your projects, manage dependencies, and use tools like RMarkdown/Quarto, renv, Git, and Docker to ensure your code is reproducible and easy to collaborate on.  
   
This course is ideal for researchers, data scientists, and anyone using R to generate documents and collaborate with others. Basic experience with R is recommended. If you do not have experience with R, have a look at our course in September: [ https://www.physalia-courses.org/courses-workshops/r-tidyverse/ ]( https://www.physalia-courses.org/courses-workshops/r-tidyverse/ )  
   
   
   
By the end of this course, participants will be able to:  
Create reproducible R projects.  
Manage packages and environments with renv.  
Track and collaborate on code with Git and GitHub.  
Create and publish containers with Docker.  
Program:  
Daily Schedule: 9 AM - 12 PM (Berlin time)  
Monday: Introduction to reproducibility, RStudio projects, RMarkdown/Quarto.  
Tuesday: Git, GitHub, and collaboration.  
Wednesday: Managing dependencies and sharing data.  
Thursday: Introduction to containers and Docker.  
Best regards,  
Carlo  
   
   
  
--------------------  
  
Carlo Pecoraro, Ph.D  
  
  
Physalia-courses DIRECTOR  
  
[log in to unmask]  
  
mobile: +49 17645230846

## LLM Analysis

{  
 "description": "Reproducibility data analysis with R for researchers and data scientists",  
 "topic": "Reproducibility",  
 "keywords": ["RMarkdown", "Quarto", "renv", "Git", "Docker"],  
 "field": ["research", "data science"],  
 "level": "intermediate",  
 "software": "R",  
 "delivery": "online",  
 "duration": "four days",  
 "provider": "Physalia-courses"  
}

# Example post 22

* Month: August 2013
* Title: *COURSE: Matlab Programming course at Imperial College London*

There are still places available on the Matlab course below...  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Introduction to Programming Using Matlab  
  
\* Tuesday 20 August 2013 (10.00-17.00)  
Weblink: www3.imperial.ac.uk/stathelp/courses/matlabcourses/matlabprogram<http://www3.imperial.ac.uk/stathelp/courses/matlabcourses/matlabprogram>  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
We currently provide courses in SPSS, Stata, Matlab & Clinical Trials. Please contact +44 (0)20 7594 3856 or [log in to unmask]<mailto:[log in to unmask]> for further information.  
  
  
New course dates, to run from October onwards, will be available to book shortly.

## LLM Analysis

{  
 "description": "Introduction to programming using Matlab",  
 "topic": "Matlab programming",  
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 "software": "Matlab",  
 "delivery": "in person",  
 "duration": "one-day",  
 "provider": "Imperial College London"  
}

# Example post 23

* Month: May 2021
* Title: *University of Glasgow Course: Maximising the Value of Clinical Trial Data*

Dear all,  
  
The Health Economics & Health Technology Assessment (HEHTA) research group at the University of Glasgow is taking bookings for its newest live, online CPD course running in November 2021.  
  
\*\*\*Maximising the Value of Clinical Trial Data: [Advanced] Analysis for Economic Evaluation and Modelling\*\*\* is a natural follow-on from advanced modelling courses and covers the fundamental concepts and practice of the key advanced analytic techniques that are required when determining appropriate approaches and estimating parameter values for cost-effectiveness models. It is also highly relevant to those seeking to improve the relevance of trial-based cost-effectiveness. It will be held using a blend of live online lectures and tutorials.  
  
The course is led by our Professor of Medical Statistics James Lewsey and includes sessions from notable experts including Professor Neil Hawkins & Mr Andrew Davies (University of Glasgow), Dr Suzanne Freeman (University of Leicester) and Professor Andrew Briggs (London School of Hygiene & Tropical Medicine).  
  
  
The course will cover:  
  
 - Regression analysis to estimate costs and utilities based on trial data, including the use of appropriate techniques for analysing panel data with repeated measures per patient, dealing with differential follow-up, censoring, missing data and skewed data  
  
 - Survival analysis techniques including the use of survival analysis, competing risks analysis, cure models, and multi-state modelling  
  
 - Treatment switching techniques such as rank-preserving structural failure time (RPSFMT), inverse probability of censoring weights (IPCW) and two-stage estimation models.  
  
  
The course will be run over eight half-day, live online sessions on the following dates:  
  
Week 1: 3rd - 5th November 2021  
  
Week 2: 10th - 12th November 2021  
  
Week 3: 17th & 18th November 2021  
  
To enquire, please email [log in to unmask] or visit our website to book your place: https://bit.ly/3du7SUl.  
  
Kind regards,  
  
  
  
Miriam Yentumi  
Administrative Assistant - HEHTA  
MVLS - Institute of Health & Wellbeing  
University of Glasgow  
1 Lilybank Gardens  
G12 8RZ  
  
Tel: +44(0)141 330 5009

## LLM Analysis

{  
 "description": "Advanced analysis for economic evaluation and modelling using clinical trial data",  
 "topic": "Economic Evaluation",  
 "keywords": ["regression analysis", "survival analysis", "treatment switching", "competing risks analysis", "multi-state modelling"],  
 "field": ["health economics", "medicine", "public health"],  
 "level": "advanced",  
 "software": [],  
 "delivery": "online",  
 "duration": "eight half-day sessions",  
 "provider": "University of Glasgow"  
}

# Example post 24

* Month: November 2019
* Title: *Fwd: PSI Training Course: Bayesian Practical Course using R and SAS*

PSI Training Course: Bayesian Practical Course using R and SAS (18th - 19th  
February 2020)  
  
\*\*\*\*Early Bird Deadline 17th January\*\*\*\*  
\*Venue\*: Crowne Plaza Hotel, Stockley Road, West Drayton, London UB7 9NA  
\*Presenters\*: Marco Munda (Pharmalex) and Maud Hennion (Pharmalex)  
  
This Practical training course will give a deep dive into performing  
Bayesian analyses in R and SAS. It is aimed at statisticians who need to be  
able to conduct Bayesian analyses as part of their day to day work in  
clinical trials. By the end of the course participants will be able to  
conduct their own analyses.  
  
Please see PSI events page for more details:  
https://www.psiweb.org/events/psi-events

## LLM Analysis

{  
 "description": "A two-day practical training course on Bayesian analysis using R and SAS for statisticians in clinical trials",  
 "topic": "Bayesian methods",  
 "keywords": ["Bayesian inference", "Markov chain Monte Carlo"],  
 "field": ["statistics", "pharmacology"],  
 "level": "intermediate",  
 "software": ["R", "SAS"],  
 "delivery": "in person",  
 "duration": "two-day",  
 "provider": "PSI"  
}

# Example post 25

* Month: November 2017
* Title: *FW: COURSE: Intermediate Statistics using Excel - 1 December 2017 London - Has places left*

Dear all,  
  
RSS popular Foundation level course, Intermediate Statistics using Excel has places left for the 1 December 2017 London course date.  
  
Name: Intermediate Statistics using Excel<https://events.rss.org.uk/rss/78/home>  
  
Date: 1 December 2017  
  
Presenter: Dr Jenny Freeman  
  
Level: Foundation  
  
Location: 12 Errol Street London, EC1Y 8LX<https://events.rss.org.uk/rss/47/13815>  
  
Multiple linear regression is one of the most commonly used techniques for analysing quantitative data. It allows for the impact of multiple variables to be assessed simultaneously for continuous outcome data. Analysis of variance (ANOVA) is a related technique which allows the mean values of several groups to be compared. This course will equip participants with the skills necessary to undertake both types of analysis in Excel, understand and interpret the output, check the assumptions that underpin each type of model, assess model fit and present the results coherently.  
  
Learning Outcomes  
By the end of this course the attendees will:  
  
Understand what is meant by the term Analysis of Variance (ANOVA) and the different ANOVA models available  
Assess when it is appropriate to fit an ANOVA  
Carry out ANOVA in Excel  
Interpret the results of an analysis of variance  
Assess model fit  
Present the results of an analysis of variance  
Understand what is meant by the term multiple linear regression  
Assess when it is appropriate to fit a multiple linear regression model  
Carry out a regression analysis in Excel  
Interpret the results of a multiple linear regression analysis  
Assess model fit  
Present the results of a multiple linear regression analysis  
  
  
REGISTER NOW!<https://events.rss.org.uk/rss/78/register>  
  
If you'd like to find out more about this course or any of our public courses, please visit our website<https://www.rss.org.uk/RSS/Default.aspx?hkey=8d706d3a-9f05-4dd2-8fe1-e0859e3d8952&WebsiteKey=bc86df55-c2ae-4d73-8450-66ecc8988ded>.  
  
Best wishes  
Tessa  
  
Tessa Pearson  
Training and Events Operations Manager  
  
  
The Royal Statistical Society  
12 Errol Street, London EC1Y 8LX  
Direct dial: (44) 020 7614 3947  
Switchboard: (44) 020 7638 8998  
  
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SIGNOFF allstat  
  
to [log in to unmask]<mailto:[log in to unmask]>, leaving the subject line blank.

## LLM Analysis

{  
 "description": "Intermediate statistics course using Excel, covering multiple linear regression and analysis of variance",  
 "topic": "Regression analysis",  
 "keywords": ["multiple linear regression", "analysis of variance", "ANOVA"],  
 "field": ["statistics"],  
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 "duration": "one day",  
 "provider": "The Royal Statistical Society"  
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