



20th – 21st October 2020
London Heathrow, UK

A PSI Training Course
R for SAS users

Presented by
Marco Munda and Maud Hennion

This course is aimed at statisticians and programmers who may be experienced in SAS, but have had no, or little, experience in R.

R is becoming a popular statistical package in the pharmaceutical industry. R offers many benefits over traditional statistical packages, with enhanced graphical capabilities and extensive simulation abilities.

This course will be a hands-on deep dive into R, so attendees should bring a laptop with the latest versions of R and R studio installed.

The following topics will be covered:

- Introduction to R Studio (packages installation and update, project creation, snippets, documentation) and to the R language
- Statistical graphics
- Programming statistical models
 - Simple linear regression
 - Multiple linear regression
 - Linear mixed effects regression
 - Logistic regression
 - Poisson regression
 - Survival regression
 - Overview of Bayesian analysis
- Simulations
- Reporting using R (R to rtf, and markdown)
- Overview of Shiny

Day 1	Registration	0930
Day 1	Course	1000-1730
Day 2	Course	0900-1645

Registration costs include lunch and refreshments on both days.	
Before 21 st February 2020	After 21 st February 2020
PSI Members: £495 + VAT Non-Members: £595 +VAT*	PSI Member: £590 + VAT Non-Member:£690 + VAT*
<ul style="list-style-type: none"> • Non-member rate includes PSI membership for 1 year 	
Please register online at www.psiweb.org and click on Events	

PSI aims to be fully inclusive and endeavours to accommodate delegates with disabilities wherever possible. Please help us to help you by letting us know if you require additional facilities or have any special requirements. Please contact us on +44 (0)845 180349 or at PSI@mci-group.com for further information.

Email: psi@mci-group.com | Web: <http://www.psiweb.org/> | Tel: +44 (0) 1730 715 246 | Fax: +44 (0)1730 715291

Statisticians in the Pharmaceutical Industry Limited
Registered Office: Durfold Mill, Petersfield, GU31 5AZ
A Limited Company registered in England and Wales No. 4634899