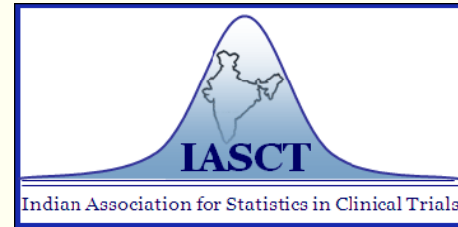


Workshop on Applications of Bayesian Statistics in Clinical Trials and Biology

At IISER, Pune
On 16th November 2013 (9.30am -5.00pm)



Organized by
Indian Association for Statistics
in Clinical Trials (IASCT)
at
Indian Institute of Science
Education and Research (IISER),
Pune

Workshop Objective:

This workshop will introduce participants to the Bayesian philosophy of statistical inference. The key ingredients of the Bayesian approach, i.e. quantifying uncertainty about states of nature, information provided by the data and synthesizing the two to obtain information about unknown parameters given the data will be described. Applications of the Bayesian methodology to early and late-phase clinical development will be discussed using examples, to show how the flexibility of the Bayesian method can allow for designing clinical trials with desirable properties, and making meaningful inferences based on current and past studies.

This workshop will also include a session on how the Bayesian framework can be applied to problems in mathematical biology related to modelling and statistical analysis.

Who can Attend:

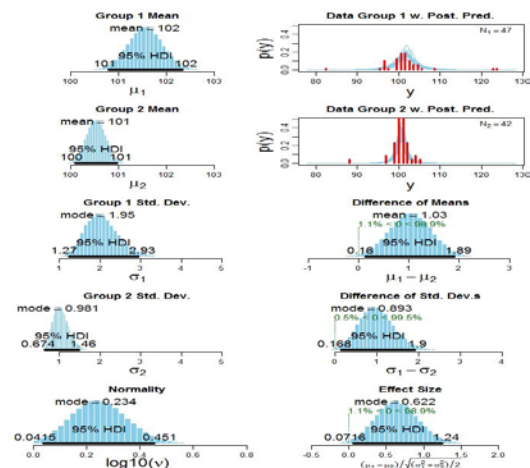
- ❖ Statisticians associated with clinical and medical research
- ❖ Students/practitioners with a basic understanding of statistics

Faculty:

Prof. Madhuchhanda Bhattacharjee, Department of Mathematics and Statistics, University of Hyderabad
Dr. Jayanti Gupta, Founder - Parinita, Treasurer @ IASCT
Dr. Debjit Biswas, Vice President – Primal Enterprises Ltd; Vice President @ IASCT

Venue:

Indian Institute of Science Education and Research (IISER), Building HR4
900, Dr. Homi Bhabha Road. Near NCL Cricket Ground, Pashan. Pune-411008
Reaching IISER: <http://www.iiserpune.ac.in/useful-links/reaching-iiser>



A posterior probability distribution for parameters that describe two groups, showing complete distributions of the difference of means (right middle), the difference of standard deviations, the effect size (right bottom), and posterior predictive check (right upper).

Fees:

	Fee*		Total
	Membership	Course	
Members	-	1000/-	1000/-
Nonmembers	-	1250/-	1250/-
Nonmembers (with membership)	750/-	1000/-	1750/-

*Participation in the event requires pre-registration. Registration fees include course notes, lunch and tea. Your registration and payment must reach us latest by **10-November- 2013**.

Registration:

All payments are to be made by drawing a cheque or a DD in favor of “Indian Association for Statistics in Clinical Trials” along with filled conference registration form (on page 3) and sent to:

Dr. Jayanti Gupta at the following mailing address:

**A1601, Safal Twins, Sion-Trombay Road,
Deonar, Mumbai 400 088**

Email: jyantigupta@live.com

Mobile number: +91 9820228720

Or

You can deposit the amount to IASCT Bank account and send details of your transaction (either screen shot or scan copy of the bank receipt) along with filled conference registration form by email to Jayanti Gupta

IASCT Bank A/c information:

Name of the Bank: HDFC Bank Ltd.,
A/C Name: Indian Association for Statistics in Clinical Trials
Branch: K H Road, Bangalore-560027
A/c Number: 12062020005242

You may contact Jagannatha P S at Jagannatha.P.S@gsk.com or 9896050820 for any queries regarding the workshop.

Workshop Registration Form

1. Number of Participants:

2. Participants Information:

Organization Name	Name	E-mail	Contact No.

3. For each participant, indicate the following:

a) Current Member of IASCT/ISCR: Yes / No

b) Wish to become IASCT Member: Yes / No / Not Applicable

4. Payment Details:

Bank Name	Cheque/ DD/Bank	Transaction number	Date	Membership fee	Workshop fee