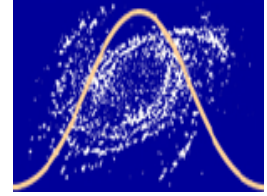




Tutorials on AstroStatistics and R by Eric Feigelson



Jan 29 and Jan 31, 2014

Phillips Auditorium, Harvard-Smithsonian Center for Astrophysics
60 Garden St., Cambridge, MA 02138

hea-www.harvard.edu/AstroStat/Tutorial2014

Wednesday, Jan 29

- 9:00am - 10:00am** : *Astrostatistics: The role of statistical methodology in astronomical research* [general interest lecture]
10:00am - 11:00am : *Introduction to the R statistical software language* [lecture & practicum]
11:00am - 2:30pm : **break** [EF available for informal statistical consulting]
2:30pm - 3:20pm : *Density estimation and local regression* [lecture & practicum]
3:30pm - 4:30pm : *Regression* [lecture & practicum]

Friday, Jan 31

- 9:00am - 10:20am** : *Multivariate analysis, clustering and classification* [lecture & practicum]
10:30am - 11:30am : *Spatial point processes* [lecture & practicum]
11:30am - 1:30pm : **break** [EF available for informal statistical consulting]
1:30pm - 2:20pm : *Poisson processes & upper limits* [Vinay Kashyap, CfA/CHASC]
2:30pm - 3:30pm : *Common statistical mistakes in astronomical research* [general interest lecture]