

Division of Biostatistics Seminar

The “Happy Scientist” Seminar Series #18



Zu Chongzhi 祖冲之 (429-500 AD):
was a mathematician and
astronomer whose most famous
work was his accurate calculation of
 π - 3.1415926. He held this record
over 800 years.

Getting started with Stan: A hands-on introduction to the “8 schools” problem

We are pleased to announce the continuation of educational seminars sponsored by Core D of the Biostats Program Project award (P01 CA196569). This “Happy Scientist” seminar series is aimed at providing educational material for all members of Biostats, students, staff, and faculty, about a variety of tools and methods that might prove useful to them. If you have any suggestions for subjects that you would like to learn about in future, please send email to Kim Siegmund at (kims@usc.edu). Our agenda will be driven by your specific interests as far as is possible.

Presenter: Lu Zhang, PhD, Assistant Professor at USC

Thursday, January 26, 2023

12:00pm to 1:00pm

In-person: SSB Room 114

Zoom: <https://usc.zoom.us/j/93886997766?pwd=S2crakJ0OWJLWEt6S0g1ZytnTXVXQT09>

Meeting ID: 938 8699 7766

Passcode: 886908

This seminar will introduce Stan, a state-of-the-art platform for statistical modeling and high-performance statistical computation. Attendees will learn how to use Stan by working through a data analysis of the “eight schools” problem. The seminar will cover the basics of Stan, including how to code and run models, as well as tips and best practices for working with the language. The seminar is designed to provide a hands-on, step-by-step introduction to using Stan for Bayesian data analysis.