

**From:** [Hudes, Estie](#)  
**Subject:** Reminder: CAPS Methods Core Seminar/Journal Club "Multiple Imputations using Chained Equation (MICE) ", Drs. Tor Neilands & Estie Hudes, 2/15/13  
**Date:** Monday, February 04, 2013 7:59:47 PM

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*If you are coming from outside CAPS, please make sure you read the information at the end of this message. Please make sure you RSVP to Estie Hudes prior to the seminar date.*

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Dear Methods Core seminar participants,

Our February seminar will take place on 2/15/2013. This will be a journal club, discussing the excellent article

White IR, Royston P, Wood AM. Multiple imputation using chained equations: Issues and guidance for practice, *Statistics in Medicine* 2011, v. 30, pp. 377-399

This is a continuation our recent theme of how to handle missing data and builds on our January seminar which covered the topic of multiple imputations using chained equations (mice). The January seminar covered the basics of multiple imputation theory and demonstrated how to perform a relatively straightforward multiple imputation-based regression analysis using Stata. However, many missing data situations are not as straightforward. For instance, how to optimally create interaction and non-linear terms within the multiple imputation framework is a frequently-encountered issue as is how to optimally create imputed data sets for survival analysis models. This article discusses these and other “best practices” issues in the use of multiple imputation. We will briefly summarize the article’s contents and then devote the remainder of the seminar to discussion of the article’s recommended best practices. Although the article demonstrates the ideas of mice mostly with Stata software, its lessons are applicable to any MI software package, and beyond the mice method for doing MI.

Topic: **Journal Club: “Multiple Imputations using Chained Equations (MICE)”**

Moderators: [Tor Neilands, PhD](#)  
Associate Professor of Medicine  
Director, Methods Core  
**UCSF / CAPS**  
&  
[Estie Hudes, PhD MPH](#)  
Specialist / Statistician  
UCSF/CAPS

Time & Place: Friday, February 15, 2013, 10-11:30  
McKusick Conference room  
50 Beale Street, 13<sup>th</sup> floor  
San Francisco, CA 94105

You can download this article directly, if you are physically at a UCSF location or connected to UCSF resources, from

<http://onlinelibrary.wiley.com/doi/10.1002/sim.4067/pdf>

or , via UCSF My Access or similar connection, from

[https://vpn.ucsf.edu/doi/10.1002/sim.v30.4/\\_DanaInfo=onlinelibrary.wiley.com+issuetoc](https://vpn.ucsf.edu/doi/10.1002/sim.v30.4/_DanaInfo=onlinelibrary.wiley.com+issuetoc)

(Click on the “Jump to.. “ box: ‘Tutorial in Biostatistics’).

The materials from the January seminar are now posted at

<http://caps.ucsf.edu/about/structure-cores/methods-core/methods-core-seminars/>

Hope to see many of you at the journal club,

--Estie

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CAPS address is 50 Beale Street, Suite 1300. The building is between Market and Mission.

Directions to 50 Beale Street can be found at

<http://caps.ucsf.edu/about/directions-parking/>

Please also note that our building has very tight security; in order to be provided with visitor passes, you will need to RSVP to me, preferably at least 2 days before the seminar. If you are even considering attending the seminar, please do RSVP, so your name will be left with the security stuff at the main building entrance.

**RSVP to [Dr. Estie Hudes](mailto:Dr.Estie.Hudes)**

The CAPS Methods Core activity can now be checked directly on the website:

<http://caps.ucsf.edu/about/structure-cores/methods-core/>

Materials from recent seminars are put on the website. You can go directly to

<http://caps.ucsf.edu/about/structure-cores/methods-core/methods-core-seminars/>

for seminar announcements and past seminars materials. The information is being updated regularly.

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