

## COMPUTER ASSIGNMENTS

Write an individual report and submit it via LISAM. **Deadline is Monday 12th November at 23:30.** The grade for the computer assignment is PASS/FAIL.

### 1. Applet Exercises from Course's book

Do the following applets in the book and write your comments on the results. Explain what you have learned from each applet.

**Exercises:** 4.84, 4.117, 4.118, 10.11, 10.12, 11.6, 11.50, 16.4

Applets can be accessed at the following URL:

[http://www.cengage.com/cgi-wadsworth/course\\_products\\_wp.pl?fid=M20b&product\\_isbn\\_issn=9780495110811&token](http://www.cengage.com/cgi-wadsworth/course_products_wp.pl?fid=M20b&product_isbn_issn=9780495110811&token)

To be able to use the applets on the book's web-page you may have to upload Java to the latest version and configure your Java settings.

Security Setup for Java applets (Windows):

1. Open the Control Panel (Control Panel)
2. Open Java
3. In the Java Control Panel, go to the Security tab
4. The list for Website Exceptions to edit and add <http://www.cengage.com>
5. Close the two windows in the Java control panel, click OK and OK.

If you still have problems with Java, contact [helpdesk@ida.liu.se](mailto:helpdesk@ida.liu.se).

### 2. Imputation techniques

For the course 732A93 you shall read the chapter on the link:

<http://www.stat.columbia.edu/~gelman/arm/missing.pdf>

and include in your report the answers to the following:

1. Which type of missing mechanism do you prefer to get a good imputation?
2. Say something about simple random imputation and regression imputation of a single variable.
3. Explain shortly what Multiple Imputation is.