

Course title <English>	医療統計学実習 Introduction to Statistical Computing and Data Management	Affiliated department, Job title, Name	Graduate School of Medicine Professor, SATO TOSIYA Graduate School of Medicine Program-Specific Assistant Professor, YAMAMOTO MICHIO		
Grade allotted	Professional degree students	Number of credits	2	Course offered year/period	2015/First semester
Day/period	Tue.3,4	Class style	Practical training	Language	Japanese
[Outline and Purpose of the Course]					
<p>The objective of this course is to feel and experience biostatistical concepts talked in morning lectures. It may help your clear understanding of biostatistics. Using the statistical software JMP, you learn tabulations, analyses, and simple programming.</p> <p>For students in School of Public Health and Graduate School of Medicine, access to the following web page, read instructions carefully, download and install JMP software into your note PC. http://www.med.kyoto-u.ac.jp/software/JMP/</p>					
[Course Goals]					
<ul style="list-style-type: none"> - Be familiar with word processing software - Be familiar with tabulation software - Be familiar with presentation software - Conduct simple statistical analyses using statistical software JMP 					
[Course Schedule and Contents]					
<ol style="list-style-type: none"> 1. Apr 21 Introduction and using tabulation software 2. Apr 28 Using statistical software JMP May 5 Children's Day 3. May 12 Group practice 1 4. May 19 Group practice 2 5. May 26 Group practice 3 6. Jun 2 Group practice 4: Presentations 7. Jun 9 Randomization 8. Jun 16 Measures of effects 9. Jun 23 Statistical testing and meaning of the null hypothesis 10. Jun 30 Confidence intervals 11. Jul 7 Analyses of 2 by 2 tables 12. Jul 14 Sample size calculations 13. Jul 22 Random sampling 14. Sep 15 Presentations 1 15. Sep 16 Presentations 2 					
[Class requirement]					
<ul style="list-style-type: none"> - Because of space limitation, students in School of Public Health are given priority. - This course has presentations on September 					
Continue to 医療統計学実習(2) ↓ ↓ ↓					

医療統計学実習(2)

[Method, Point of view, and Attainment levels of Evaluation]

- submit your report in every class
- a group presentation
- personal presentation on September

[Textbook]

- Distribute handouts in every class

[Reference books, etc.]

(Reference books)

[Regarding studies out of class (preparation and review)]

Submit your report in every class for your review

(Others (office hour, etc.))

- You cannot join after the class has started

*Please visit KULASIS to find out about office hours.