

Course title <English>	解析計画実習 Health Data Processing Laboratory		Affiliated department, Job title,Name	Graduate School of Medicine Associate Professor,SOZU TAKASHI Graduate School of Medicine Professor,SATO TOSIYA Ministry of Health, Labour and Welfare MORI KAZUHIKO Pharmaceuticals and Medical Devices Agency ANDO YUKI Doshisha University OMORI TAKASHI	
Grade allotted	Professional degree students	Number of credits	2	Course offered year/period	2015/Second semester
Day/period	Tue.3,4	Class style	Practical training	Language	Japanese
[Outline and Purpose of the Course]					
<ul style="list-style-type: none"> - This program teaches students not only technical issues for statistical analysis using JMP software, but materials such as study guidelines to develop statistical analysis plan and study protocol. - This program also provides practice to review new pharmaceutical products. - At the end of this program, students write the statistical analysis plan for their master thesis and have presentation for it. 					
[Course Goals]					
<ul style="list-style-type: none"> - Understand study guidelines - Apply stratified analysis and regression model using JMP statistical software and interpret results - Be familiar with review of submitted documents for approval on new pharmaceutical products - Write analysis plan for master thesis 					
[Course Schedule and Contents]					
<p>October 6 Study guidelines 1 October 13 Study guidelines 2 (Presentation) October 20 Data check and cross classification table October 27 Standardized and Mantel Haenszel risk ratio November 10 Comparison of means November 17 Regression analysis November 24 Logistic regression analysis December 1 Review practice for new pharmaceutical products 1 December 8 Review practice for new pharmaceutical products 2 December 15 Review practice for new pharmaceutical products 3 (Presentation) December 22 (Preliminary) January 5 Survival analysis January 12 Producing statistical analysis plan 1 January 19 Producing statistical analysis plan 2 January 26 Producing statistical analysis plan 3 (Presentation)</p>					
[Class requirement]					
Elective					
All students in the course are expected to take "Introduction to Statistical Computing".					
Continue to 解析計画実習(2) ↓ ↓ ↓					

解析計画実習(2)

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

Report and presentation

[Textbook]

- 『Distributed materials in "Fundamentals of Biostatistics"』
- 『Distributed materials in "Introduction to Statistical Computing"』
- 『Distributed materials in "Intermediate Biostatistics"』

[Reference books, etc.]

(Reference books)

You must download and install the statistical software JMP on your own computer. Please see <http://www.med.kyoto-u.ac.jp/software/JMP/>.

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

"Introduction to Statistical Computing"

(Others (office hour, etc.))

*Please visit KULASIS to find out about office hours.