

face-to face course

cancer survival analysis using population-based data

27-28 March 2017 15 hours

Organised by the Andalusian School of Public Health, REDECAN and CIBERESP
With faculty from the Cancer Survival Group (London School of Hygiene and Tropical Medicine), Andalusian School of Public Health and Regional Health Council of Murcia

Addressed to Staff from population-based cancer registries attached to REDECAN and interested in conducting this type of analysis.

Prior knowledge of Stata statistical package and of the theoretical bases of cancer survival is recommended.

Aims

By the end of the course, students should be able to:

- Estimate observed survival and compare survival curves.
- Develop life tables.
- Estimate and interpret net survival and age-standardised net survival using a cohort or period approach

Teaching methodology

- The course will be conducted in a classroom setting. The methodology used is aimed at encouraging students to acquire knowledge and skills through active learning, enhancing student success by means of exercises that meet objectives of the course.
- Guided discussion will be promoted along the course, thus focusing on students' participation and reflection of ideas as core element. An important part of the course will be devoted to practical tasks.
- Reading and reference materials and resources to improve and expand learning will be available for students through EASP virtual campus.
- The course will be conducted in a computer-equipped classroom and Stata software will be used.
- Students are encouraged to bring cancer and population datasets in order to perform the practical tasks directly on their data.

Evaluation

- Student satisfaction assessment will be conducted using the Teaching Quality Evaluation Questionnaire of the Andalusian School of Public Health (a tool of mandatory use at the end of any training activity in the institution).
- Attendance evaluation: sign-in sheets (morning and afternoon) will be used to control class attendance. Attendance to at least 90% of scheduled sessions is strictly required

Coordination

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Director of Granada Cancer Registry. CIBER of Epidemiology and Public Health

Miguel Rodríguez Barranco

Coordinator of Research of the Granada Cancer Registry. CIBER of Epidemiology and Public Health

Training Secretariat

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timetable & contents

Day 1

Lecturers:

Bernard Rachet, Miguel Rodríguez, Rhea Harewood, Diego Salmerón

8:30	Introduction to Stata
10:00	Introduction : Relative survival data setting
10:30	Overall survival: Data and Kaplan-Meier estimator
11:30	Break
12:00	Net survival: data format and estimation of overall and net survival
13:00	Practical: data format and estimation of overall and net survival
14:30	Break
16:00	Expected mortality: principles, data required, main estimation approaches
17:00	Practical: Building and using life tables
18:30	End

Day 2

Lecturers:

Miguel Ángel Luque, Aurrélien Belot

9:30	Age adjustment of net survival: why and how?
10:00	Study designs: cohort, complete, period and hybrid
11:30	Break
12:00	Practical: age standardisation and study design approaches
13:30	Break
15:00	Lecture: " Introduction to excess hazard regression models"
16:30	Practical: Excess hazard regression model: Estimation, interpretation and plot of the results
18:30	End of the course