

# QMWS - Survival Analysis

## Course information

Instructor: Kevin McGregor

York University  
Department of Mathematics and Statistics

Required software:

- R: <https://www.r-project.org/>
- RStudio:  
<https://posit.co/download/rstudio-desktop/>

- May 7: Intro to survival analysis, censoring and truncation
- May 14: Non-parametric methods, Kaplan-Meier and Nelson-Aalen estimates, log-rank test
- May 21: Cox proportional hazards model, hazard ratios, assumption testing, stratification

A digital credential is available for this workshop. In order to obtain this, a short assignment will need to be completed.

- This will be distributed on the final day of the course and will be due on May 28th.