



**HARVARD  
T.H. CHAN**  
SCHOOL OF PUBLIC HEALTH

I<sup>st</sup> Kolokotronis Workshop on Data Science

*so much data, so little time*

Co-sponsored by the Program on Causal Inference

# Causal Survival Analysis in Follow-up Studies

Work with survival data and wary of the hazards of hazard ratios? Learn how to estimate survival outcomes adjusted for baseline and time-varying confounders! This practical, hands-on workshop will cover estimating survival curves, cumulative incidence differences & ratios, and inverse probability-weighted hazard ratios for intention-to-treat effects and per-protocol treatment effects for randomized trials and observational data. Bring a laptop with R or SAS, we'll provide the code and real data!



**Workshop facilitated by Lucia Petito & Eleanor Murray  
and hosted by Miguel Hernán**

Friday, November 2, 2018 | 3:45-5:30pm

Ballard Room, Countway Library

Open to anyone interested in data science. Snacks will be available.

RSVP at [hsph.harvard.edu/causal/kolokotronis](https://hsph.harvard.edu/causal/kolokotronis)

