SURVIVAL PREDICTION
Algorithms, Challenges and Applications

March 22-24, 2021
Stanford University, Palo Alto, California, USA

C-Index   Censoring
Competing Risks
Hazard   Time-until-event
Longitudinal   Survival Estimation   Brier Score   Causality
Discrimination
Counterfactuals
Calibration

https://www.spaca.weebly.com

About

This symposium focuses on approaches for learning models that estimate survival measures from "survival datasets", which include censored instances. The symposium will include keynote talks, presentations of accepted papers, poster and discussion sessions. We invite submissions that discuss:

Novel Algorithms: new static or dynamic machine-learning frameworks for survival prediction, algorithms to compute survival measures from multimodal and/or longitudinal datasets.

Evaluation Metrics: limitations of the data (eg, high censoring) and evaluation metrics (eg, c-index), provide new directions for comparing survival models, address model calibration and discrimination issues, and discuss model comparison strategies.

Foundational Issues: issues such as competing risks, causality, counterfactual reasoning, comorbidities, multi-morbidities and uncertainty quantification.

Applications: in medicine, healthcare, manufacturing, finance, engineering, economics, law enforcement, etc.

Deadlines

Paper Submission
November 1, 2020

Acceptance Notification
December 3, 2020

Registration Opens
December 17, 2020

Registration Closes
March 5, 2021

Symposium
March 22-24, 2021

Authors can submit **extended abstracts** (2-4 pages) for poster sessions or **full papers** (4-6 pages, excluding references) for position, review and work-in-progress pieces. Papers with previously published results will be considered. Format the submissions according to the AAAI template (https://www.aaai.org/Publications/Templates/AuthorKit21.zip) and submit through EasyChair site (https://easychair.org/conferences/?conf=sss21).

Organizers: Russ Greiner (chair) – University of Alberta | Neeraj Kumar – University of Alberta
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