Predictive Tool Development
A Time-to-event study of Diabetes Complications in Ontario

Kelvin Lam[1*], Douglas Manuel[1,2]

1. Institute for Clinical Evaluative Sciences, Toronto, Ontario, Canada
2. The Ottawa Hospital Research Institute, Ottawa, Ontario, Canada
* Contact author : kelvin.lam@ices.on.ca

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For physicians and people with diabetes, a simple and accurate predictive tool for complications such as acute myocardial infarction (AMI) and cardiovascular disease (CVD) will be invaluable for clinical decision making. Our study looked at how age and previous medical history affects duration to these complications as well as death using the competing risk methodology, where the latter served as the main competing event. *R* package **cmprsk** was used to derive model parameters and baseline cumulative hazards. To determine the model validity, diagnostics including c-index, deciles plots and quantile risk ratio plots will be presented using **ggplot2**.

References

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