We present a R package which allows users to incorporate various types of expert opinions into parametric survival models, focusing on opinions about survival at various landmark time points.

Expert opinion is incorporated into parametric survival models using Bayesian and frequentist approaches. In the Bayesian method, expert opinion is included through a loss function and in the frequentist approach by penalizing the likelihood function, although in both cases the core approach is the same.

To aid in the workflow of elicitation of these quantities and analysis of the data we have developed a Shiny application, which, is an which is an interactive, user-friendly, open-source and provides outputs relevant for cost-effectiveness analysis.

Over the course of the presentation we will provide a walkthrough of the package and Shiny application, focusing on the widgets to elicit and potentially aggregate the experts’ opinions.