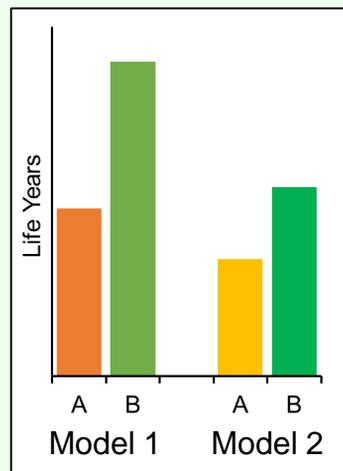
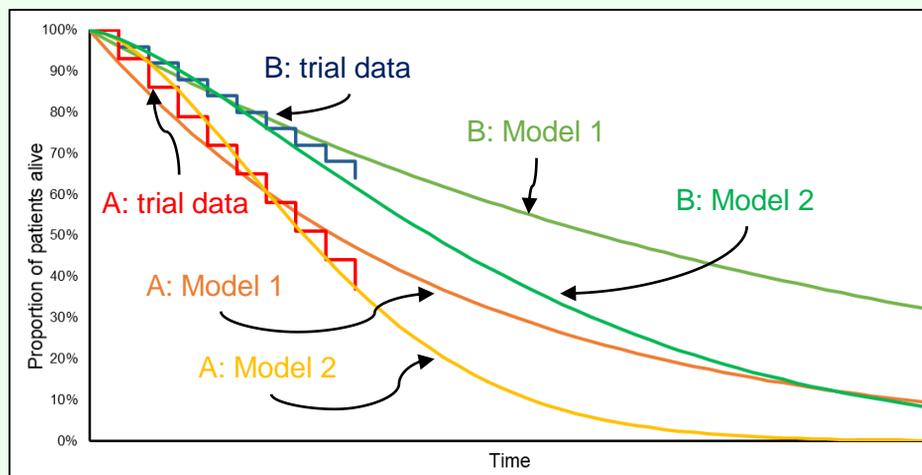


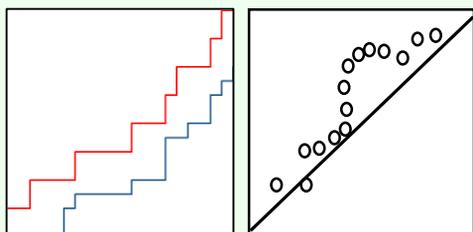
SURVIVAL ANALYSIS: EXTRAPOLATING PATIENT DATA

Data may need extrapolating beyond the trial. Different survival models give different results.



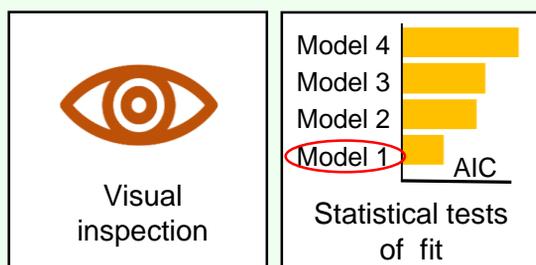
How to select survival models:

1. Consider how to model the treatment effect over time



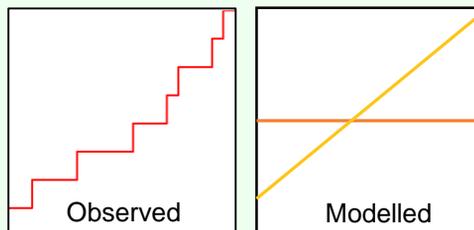
Use log-cumulative hazard plots and quantile-quantile plots to determine whether there is a proportional treatment effect over time, or whether treatment arms should be modelled separately

3. Consider internal validity



5. Choose the most appropriate model and complete sensitivity analysis using alternative plausible models

2. Consider which parametric models are appropriate given the shape of the hazard functions and the survival curves



Use log-cumulative hazard plots and consider whether hazards are constant over time, increase, decrease, or have turning points

4. Consider external validity

