

# Presentation notes

## Presentation

- Make sure to mention treatment effect heterogeneity before slide 8
- Remove scalable or explain
- Slide 9: Reverse order
- Slide 16: Remove osteoporosis figure
- Slide 16: Split the remaining figures in 2 slides
- Slide 19: Move to start or remove?
- Add short version of conclusions in the end

## Defense questions

- Table 6.1 -> Wrong!!
- Literature review:
  - Why limit to regression / RCT?
  - Can OTRs be used for shared decision making?
    - \* Cannot include patient preferences.
    - \* ...
  - Elaborate on the bias-variance tradeoff (robustness vs flexibility).
  - Assumption of risk model cannot be true.
- Framework:
  - Develop one prediction model across all databases.
  - Negative controls (explain how they work).  
See: [p-value calibration](#), [CI calibration](#), [ease](#)
  - Symmetric CIs for HRs -> Why?
  - Figure 3.5 -> Error in color coding in caption.
  - Why the “weak” conclusion? What would be required to be useful in practice?
  - Treatment / Comparator / Outcome cohorts -> explain?
  - Prediction on 1-1 patients -> why?
  - Negative controls / PS density -> what is good?
  - Competing risks / sensitivity to time horizon  
Time horizon see: [Restricted mean survival](#)
  - Figure 3.2: How were the percentages calculated?
- Simulation:

- Why not use RCS-3 always? Look at shiny app for 1065 patients.
- Why didn't you use penalization of the linear interaction / RCS?