

This file contains 6 directories.

1. **single_para** contains simulation code for the parametric model for the nondynamic setting;
2. **single_np** contains simulation code for the semiparametric models for the nondynamic setting;
3. **multi_para** contains simulation code for the parametric model for the dynamic setting;
4. **multi_np** contains simulation code for the semiparametric model for the dynamic setting.

In each of these four directories,

- R script '*main*' is the main code to generate the simulation results;
 - R script '*test*' contains the settings of parameters of interest;
 - R scripts with prefix '*FNS*' are supportive functions for the main code;
 - R scripts '*organize*' generates the tables and figures in the paper, specifically,
 - ◆ *single_para/organize.R* generates Table 1-2 and Figure 4 in the main context, as well as Figure 2-3 in the supplement.
 - ◆ *single_np/organize.R* generates Table 3-4 and Figure 5 in the main context, as well as Figure 4-5 in the supplement.
 - ◆ *multi_np/organize.R* generates Table 5 and Figure 6 in the main context.
5. **res** contains the simulation results of the above four models.
 6. **SimulatorDataAnalysis** contains the code and data for the real data analysis.