# Project Directory Overview

## Detailed Directory and File List

- Child\_Docs : General folder containing project-related files.

- Simulations : General folder containing project-related files.

- Simulations/STUDY\_1 : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/1\_2T\_LTA\_GEN\_LTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/2 Time Points/1\_2T\_LTA\_GEN\_LTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/2 Time Points/2\_2T\_LTA\_GEN\_RILTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/2 Time Points/2\_2T\_LTA\_GEN\_RILTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/2 Time Points/3\_2T\_RILTA\_GEN\_LTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/2 Time Points/3\_2T\_RILTA\_GEN\_LTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/2 Time Points/4\_2T\_RILTA\_GEN\_RILTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/2 Time Points/4\_2T\_RILTA\_GEN\_RILTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/2 Time Points/images : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_LTA\_files : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_LTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_LTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_LTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_LTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_LTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_RILTA\_files : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_RILTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_RILTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_RILTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_RILTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_RILTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_LTA\_files : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_LTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_LTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_LTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_LTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_LTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_RILTA\_files : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_RILTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_RILTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_RILTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_RILTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_RILTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_1/2 Time Points/zFIGURES : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/2 Time Points/zFIGURES/x2t\_lta\_lta\_plots : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/2 Time Points/zFIGURES/x2t\_lta\_rilta\_plots : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/2 Time Points/zFIGURES/x2t\_rilta\_lta\_plots : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/2 Time Points/zFIGURES/x2t\_rilta\_rilta\_plots : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/2 Time Points/zHEATMAPS : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/2 Time Points/zHEATMAPS/z2t\_heatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/2 Time Points/zHEATMAPS/z2t\_r\_l\_heatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/2 Time Points/zHEATMAPS/z2t\_r\_r\_heatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/2 Time Points/zVIOLATOR\_PLOTS : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_1/2 Time Points/zVIOLATOR\_PLOTS/z2t\_lta\_lta\_violator\_plots : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_1/2 Time Points/zVIOLATOR\_PLOTS/z2t\_lta\_rilta\_violator\_plots : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_1/2 Time Points/zVIOLATOR\_PLOTS/z2t\_rilta\_lta\_violator\_plots : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_1/2 Time Points/zVIOLATOR\_PLOTS/z2t\_rilta\_rilta\_violator\_plots : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_1/3 Time Points : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/5\_3T\_LTA\_GEN\_LTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/3 Time Points/5\_3T\_LTA\_GEN\_LTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/3 Time Points/6\_3T\_LTA\_GEN\_RILTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/3 Time Points/6\_3T\_LTA\_GEN\_RILTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/3 Time Points/7\_3T\_RILTA\_GEN\_LTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/3 Time Points/7\_3T\_RILTA\_GEN\_LTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/3 Time Points/8\_3T\_RILTA\_GEN\_RILTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/3 Time Points/8\_3T\_RILTA\_GEN\_RILTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_1/3 Time Points/images : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_LTA\_files : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_LTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_LTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_LTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_LTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_LTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_RILTA\_files : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_RILTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_RILTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_RILTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_RILTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_RILTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_LTA\_files : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_LTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_LTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_LTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_LTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_LTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_RILTA\_files : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_RILTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_RILTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_RILTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_RILTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_RILTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/zFigures : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/3 Time Points/zFigures/x3t\_lta\_lta\_plots : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/3 Time Points/zFigures/x3t\_lta\_rilta\_plots : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/3 Time Points/zFigures/x3t\_rilta\_lta\_plots : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/3 Time Points/zFigures/x3t\_rilta\_rilta\_plots : Folder containing generated figures for analyses.

- Simulations/STUDY\_1/3 Time Points/zHeatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/3 Time Points/zHeatmaps/z2t\_r\_r\_heatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/3 Time Points/zHeatmaps/z3t\_l\_l\_heatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/3 Time Points/zHeatmaps/z3t\_l\_r\_heatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/3 Time Points/zHeatmaps/z3t\_r\_l\_heatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_1/3 Time Points/zViolator Plots : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/zViolator Plots/z3t\_lta\_lta\_violator\_plots : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/zViolator Plots/z3t\_lta\_rilta\_violator\_plots : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/zViolator Plots/z3t\_rilta\_lta\_violator\_plots : General folder containing project-related files.

- Simulations/STUDY\_1/3 Time Points/zViolator Plots/z3t\_rilta\_rilta\_violator\_plots : General folder containing project-related files.

- Simulations/STUDY\_2 : General folder containing project-related files.

- Simulations/STUDY\_2/1\_LTA\_GEN\_LTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_2/1\_LTA\_GEN\_LTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_2/2\_LTA\_GEN\_RILTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_2/2\_LTA\_GEN\_RILTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_2/3\_RILTA\_GEN\_LTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_2/3\_RILTA\_GEN\_LTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_2/4\_RILTA\_GEN\_RILTA\_ANALYZED : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_2/4\_RILTA\_GEN\_RILTA\_ANALYZED\_REP : Folder containing input, output, and CSV files for simulation runs.

- Simulations/STUDY\_2/Child\_Docs : General folder containing project-related files.

- Simulations/STUDY\_2/images : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_LTA\_files : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_LTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_LTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_LTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_LTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_LTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_RILTA\_files : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_RILTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_RILTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_RILTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_RILTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_RILTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_LTA\_files : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_LTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_LTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_LTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_LTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_LTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_RILTA\_files : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_RILTA\_files/figure-html : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_RILTA\_files/libs : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_RILTA\_files/libs/bootstrap : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_RILTA\_files/libs/clipboard : General folder containing project-related files.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_RILTA\_files/libs/quarto-html : General folder containing project-related files.

- Simulations/STUDY\_2/zFigures : Folder containing generated figures for analyses.

- Simulations/STUDY\_2/zHeatmaps : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_2/zHeatmaps/z2t\_lta\_lta\_tables : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_2/zHeatmaps/z2t\_lta\_rilta\_tables : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_2/zHeatmaps/z2t\_rilta\_lta\_tables : Folder containing heatmaps visualizing simulation results.

- Simulations/STUDY\_2/zViolator\_Plots : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_2/zViolator\_Plots/z\_rilta\_lta\_violator\_plots : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_2/zViolator\_Plots/z2t\_lta\_lta\_violator\_plots : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_2/zViolator\_Plots/z2t\_lta\_rilta\_violator\_plots : Folder containing plots highlighting label switching violations.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_LTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_LTA\_RILTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_LTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_RILTA\_SCRAPE.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_1/2 Time Points/Study\_1\_2T\_RILTA\_RILTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_LTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_LTA\_RILTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_LTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_1/3 Time Points/Study\_1\_3T\_RILTA\_RILTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_LTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_2/Study\_F\_2T\_LTA\_RILTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_LTA.qmd : Quarto file for documentation or analysis.

- Simulations/STUDY\_2/Study\_F\_2T\_RILTA\_RILTA.qmd : Quarto file for documentation or analysis.