Final Code - Table of Contents

[twjohnsun@gmail.com](mailto:twjohnsun@gmail.com)

**Using the Table of Contents:** All files within the *“Final Code”* folder are listed below and are sorted and grouped by their basic purpose. The names of files are written with blue ink to make them easier to find.

**Note:** For simplicity I have arranged most of the functions into their own individual file, with the most common exception being small support formulas that primarily exist for another formula to function smoothly.

1. Master File
   1. Master.R
      1. This file includes all of the functions but no example code as a resource for quickly loading all of the needed function for use.
2. Data Collection and Organization
   1. DataScrape.R
   2. DataConfigure.R
   3. BasicDataGenerator.R
   4. PartialDataSimulator.R
   5. FullSeasonGenerator.R
3. Tools
   1. Tools.R
      1. This file contains six functions but you would seldom need to use them on their own. It would be useful to be familiar with them, but for regular use just read tem in by using the Master File.
4. Optimization and Ranking
   1. LARCOptimization.R
   2. LARCRank.R
5. Data Evaluation
   1. LARCProbability.R
   2. LARCCompare.R
   3. ProgressPredict.R
6. Simulation
   1. NonPredictiveSimulation.R
   2. ProgressPredictforSimulation.R
7. Specific Examples and Tasks
   1. Employees.R
      1. This is the employee example Dr. Wayne Larsen created.
   2. TMZeroVSOne.R
      1. These are tests to see if it matters where the strengths of the Thurstone-Mosteller model are centered or not.
   3. NCAA.R
      1. The NCAA actual data and analyses, I think it will need some tweaking if you want to use it.
   4. SimpleCases.R
      1. Some simple data that can be used to explain LARC