

# Package as Analysis

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# Welcome

This is a manual on how to use the standard R package framework for data analysis. Though potentially more work, especially at the start, the purpose of using the R package framework is to maintain a clear and reproducible analysis.

## 0.1 Advantages

There are many advantages to using this framework. Here are just a few, though I am sure you will find there are many others:

- Because this is a standard framework, other will be able to navigate the directories and files adeptly.
- The implementation of tests on functions and subroutines will make bugs easier to find and increase overall confidence in the validity of the analysis
- This is a seamless mixture of scripts and markdown files for the separation of functions and analysis
- Complete documentation of functions makes returning to code later much easier!
- The analysis can take advantage of normal R package tools such as Travis-CL and Codecov integration, pkgdown, and devtools (build checks, documentation, etc.).



# Chapter 1

## Purpose

in progress





## Chapter 2

# Getting Started

in progress



## Chapter 3

# Framework

in progress