**2019 S2 R Workshop Plan**

1.Basic Framework

1.1 Goal

Help beginners or students without any knowledge of programming language get more comfortable in learning basic concept of R language. The workshop will mainly focus on “tidyverse” collection.

1.2 Workshop Content

* Workshop1 - Introduction to R and RStudio (Week 2)
  + R
  + RStudio
* Workshop2 - Introduction to R Markdown (Week 3)
  + R Markdown
* Workshop3 - Data Visualization (Week 4)
  + ggplot2
* Workshop4 - Data Type and Import Data (Week 5)
  + tibble
  + readr
  + stringr
* Workshop5 - Data Wrangling 1 (Week 6)
  + tidyr
  + dplyr
* Workshop6 - Data Wrangling 2 (Week 7)
  + Handle missing value

1.3 Workshop Setting

* Advertising form Week 0 to Week 1
* Workshop begin at Week 2, end at Week 7
* One workshop per week, one hour per workshop

1.4 Room Booking

* Capacity: 50-100
* 1 hour workshop per week
* Same time of the week from week 2 to week 7
* Easy to find

1.5 Finalize Room Location and Workshop Timetable

* Wait for confirmation of Room Booking

2.Crew

2.1 Advisor

* Dianne Cook
* Patricia Menendez

2.2 Speaker

2.3 Helper

* Jiaying Wu
* Yijia Pan
* Sherry Zhang
* Zihui Li

2.4 Organizer

* Jiaying Wu
* Yijia Pan

2.5 Benefit for Crew member

3.Workshop material

3.1 R Markdown in Interactive Tutorial template

* Workshop1 (Wait for finalize)
* Workshop2 (Wait for finalize)
* Workshop3 (In progress)
* Workshop4 (In progress)
* Workshop5 (Wait for start)
* Workshop6 (Wait for start)

3.2 Website for Workshop

3.3 Load to Server

4.Advertising

4.1 Email students by Lecture

* Rob J Hyndman - ETC3550 (Wait for Confirm)
* David Frazier - ETC3400 & ETC3460 (Wait for Confirm)
* Nick Tierney - ETC1010 (Plan to contact)
* Catherine Forbes - ETC2420 (Plan to contact)
* Klaus Ackermann - ETC3555 (Plan to contact)
* Didier Nibbering - ETC3580 (Plan to contact)

4.2 Cooperate with student society

* Economics Student Society of Australia (ESSA) ---- (Plan to contact)

4.3 Poster in campus