Stat 5014 Schedule

Bob Settlage

Fall 2017

9:00-9:50 a.m.	Wednesday, SMYTH 232

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Course Website:	https://github.com/rsettlage/STAT_5014

Tentative schedule:

Lecture	Date	Topic
1	30-Aug	Introductions, Reproducible Research, R, Rstudio, Rmarkdown, LaTeX
2	6-Sep	Rprojects and Git, loading, munging and summarizing data
3	13-Sep	R functions and logic, good programming practices
4*	20-Sep	Projecting knowledge in plots, multipanel plots
5	27-Sep	R's apply family of functions
6*	4-Oct	Dual treatment of vector and matrix math in R, speed considerations
7	11-Oct	Parallel computing in R
8	18-Oct	Rnotebooks, bash/sed/awk, text mining
9	25-Oct	Python in Rnotebooks
10	1-Nov	Jupyter notebooks, R in Jupyter
11*	8-Nov	Interactive visualizations
12	15-Nov	No class
-	22-Nov	Thanksgiving Break
13	29-Nov	Big datasets, scripts, scheduler
14	6-Dec	Open
15	13-Dec	Open
-	Final	None