

# AMS 597: Statistical Computing

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# Group Project

- 9 groups (8 groups with 5 members, 1 group with 6 member).
- Each group will write an R package implementing a statistical method of a paper.
- The R package has to be complete and contains a vignette describing how to use the R package.
- The R package is due May 02, 2017 at 2.30 PM.

# Group Project

- Some of the grading criteria include:
- Is the R package implementing the required method correctly?
- Has it considered all possible scenarios?
- Is the R package user friendly (vignette, help files, warning messages)?
- What is the computational speed?

# Group Project

- Some useful links:
- [http://kbroman.org/pkg\\_primer/](http://kbroman.org/pkg_primer/)
- [http://kbroman.org/Tools4RR/assets/lectures/08\\_rpack\\_withnotes.pdf](http://kbroman.org/Tools4RR/assets/lectures/08_rpack_withnotes.pdf)
- <https://hilaryparker.com/2014/04/29/writing-an-r-package-from-scratch/>
- <https://cran.r-project.org/doc/contrib/Leisch-CreatingPackages.pdf>

# Group Project

- If you have concerns with free-riding/non contributing members of the group and are not able to resolve it within the group, please speak to the instructor.