Goal

The goal of this project is to acquire competition data from the internet, clean it, and use it to compute ratings.

Rules

Here are some rules.

1. The data must come from a source outside of the course material. It should not be from something we've used in class (in particular, NCAA D3 Football and SCAC Women's Basketball.)

2. You should use at least two different rating methods. We've seen Colley, Google PageRank, The Oracle. We'll see the Massey method later, and the SCACScrape.R file has code for implementing it.

3. The analysis must be yours.

4. You may work in groups of size 1-3.

Requirements

The finished project must contain:

1. A description of your project.

2. A discussion of the method or methods involved.

3. Analysis of the results, including explanation of the differences, if any.

4. The code used to gather the data and produce the results so that the instructor can reproduce them.

Possible Sources

We've already seen the Massey data site https://masseyratings.com/data. Other possible sources include conference websites, sports news and reference sites, esports sites. Chess sites.

Timeline

- Friday, October 8: Project introduced

- Friday, October 15: Topic/partners should be decided on and approved by me

- Friday, October 29: Status reports

- Friday, November 5: Project due