

Bus 701: Advanced Statistics

Fall 2014

Presentation: Critical discussion of chapters from the following books:

- TALEB, N.N.: *Foiled by Randomness: The Hidden Role of Chance in Life and in the Markets*. Penguin, 2007.
- TALEB, N.N.: *Antifragile: Things That Gain from Disorder*. Random House, 2010.
- PENTLAND, A.: *Social Physics: How Good Ideas Spread — The Lessons from a New Science*. Penguin Press HC, 2014.

The following will also be helpful:

- KAHNEMAN, D.: *Thinking, Fast and Slow*. Penguin, 2012.
- TALEB, N.N.: *The Black Swan: The Impact of the Highly Improbable*, second edition. Random House, 2010.

Research Project:

- **Option 1:** Contribution to an analysis of a dataset relating to one of the following:
 - Project 1: the green segmentation / purchase channel choice project
 - Project 2: the environmental optimism project
 - Project 3: the “football duck” project
- **Option 2:**
 - Project 4: contribution to our WaveComp R package
- **Option 3:**
 - Project 5: contribution to a forecasting project