Picturing the Pedagogy of Feedback

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Goal: To use sentiment analysis to visualize feedback pedagogy from courses in the gamified LMS, Gradecraft.

Sentiment Scoring

Parsed Data

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Lecture:
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boring: 28 felt: 19 dry: 13 bland: 8 confusing 7

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Exams:

hard: 18 structured: 12

not difficult: 12

not covered: 12

This **text analysis** method uses a predefined or learned **dictionary of positive and negative words/strings**.

Positive Word Examples:

Accomplish, adore, consistent, enjoy, evenly, liked, supported, and win.

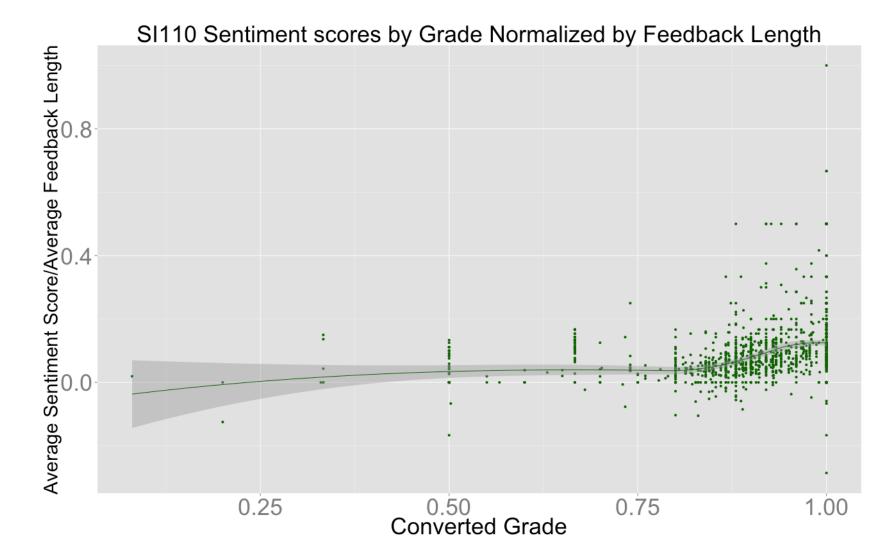
Negative Word Examples:

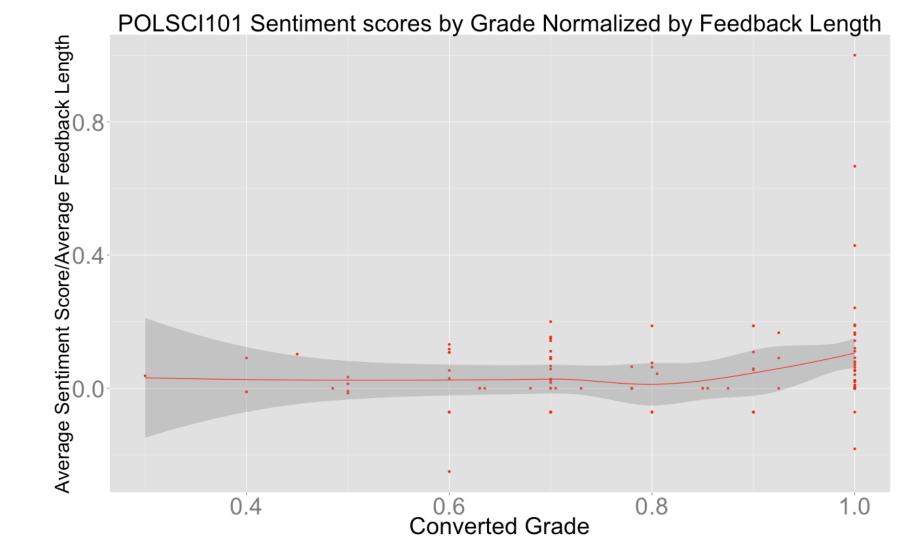
Dislike, agonizing, buggy, excessive, illogical, nasty, oversimplify, and yawn.

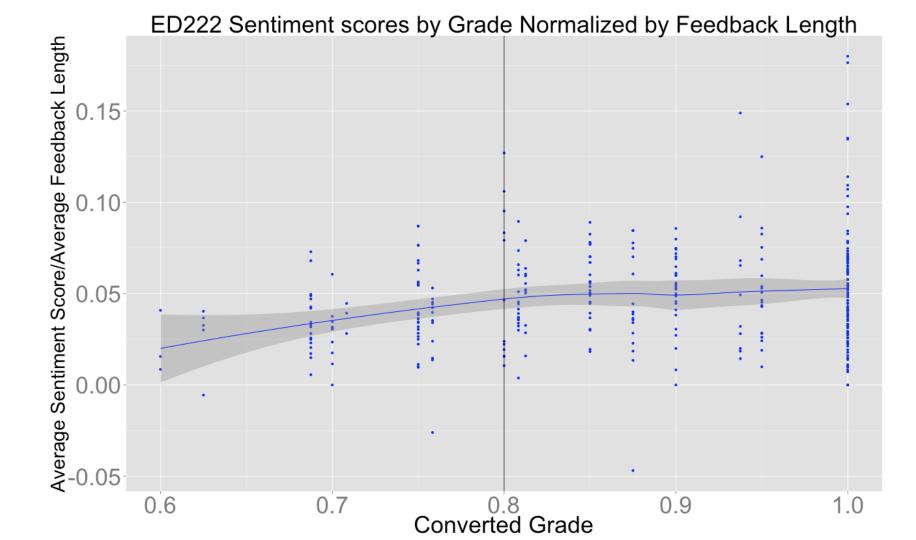
Sentiment Score

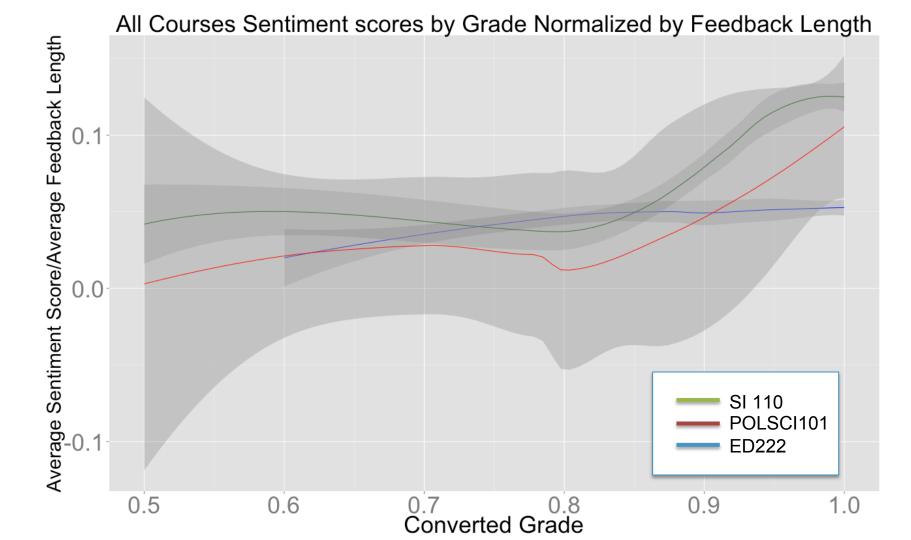
Lecture Score: -28 - 8 - 7 = -43

Exam Score: -18 + 12 = -6





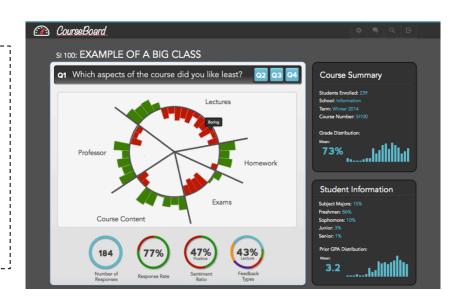




The Future

Analyzing student end of the year surveys 2008-2014.

Building an analytics tool for instructors.



See you at SLAM in the Fall!

^{*}Holman, Cait, Retrieved from GradeCraft LMS (2014).

^{*} Liu, Bing. Sentiment Dictionary accessed (2014) at: http://www.cs.uic.edu/~liub/FBS/sentiment-analysis.html#lexicon