Sentiment Analysis:
Subjectivity, Opinion and Point of View
Computational Linguistics Fall School
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Schedule

07.09.2009
Introduction, terminology, organisation: Pang & Lee (2008a)
Precursors: Carbonell (1979), Wilks & Bien (1984), Wiebe (1990)

08.09.2009
Subjectivity, private states, point of view: Wiebe (1990), **Wiebe (1994)**, Wiebe & Bruce (1995)
Annotating private state, opinions, emotions: Wiebe et al. (1999), Wilson & Wiebe (2003), **Wiebe et al. (2005)**, Wilson & Wiebe (2005), Somasundaran et al. (2008a)

09.09.2009
Lexicon induction: Hatzivassiloglou & McKeown (1997), Hatzivassiloglou & Wiebe (2000), Turney (2002), Yu & Hatzivassiloglou (2003), Riloff et al. (2003), Turney & Littman (2003), Hu & Liu (2004), Esuli & Sebastiani (2006b), Kaji & Kitsuregawa (2007)
Sentiment lexicon creation: Esuli & Sebastiani (2006a), Esuli & Sebastiani (2006b), Esuli & Sebastiani (2007)

10.09.2009
Sentiment polarity classification: Thumbs up – thumbs down
Pang et al. (2002), Turney (2002)

11.09.2009
Subjectivity detection – Recent work

features for subjectivity detection (Wiebe et al. (2004), **Wilson et al. (2005)**; BLOG track at TREC '06: Ounis et al. (2006); subsentential analysis: Esuli & Sebastiani (2006a), **Takamura et al. (2006)**, Mihalcea et al. (2007)
Subjectivity detection – Weakly supervised and unsupervised approaches: Riloff et al. (2003), Riloff & Wiebe (2003), Wiebe & Riloff (2005)

14.09.2009
Invited Speaker: Manfred Klenner, University of Zürich: Compositionality in Polarity Classification Polanyi & Zaenen (2004), Moilanen & Pulman (2007), Choi & Cardie (2008), **Klenner et al. (2009a), Klenner et al. (2009b)** and **Demo of the PolArt-system**

15.09.2009
Sentiment polarity classification: Why do reviewers like or dislike a product? Kim & Hovy (2006a), Qin et al. (2008), Branavan et al. (2008)

16.09.2009
Degrees of polarity Wilson et al. (2004), Pang & Lee (2005), Goldberg & Zhu (2006), Mao & Lebanon (2007)

17.09.2009
Incorporating discourse structure: Pang & Lee (2004), Devitt & Ahmad (2007), **Somasundaran et al. (2008a), Somasundaran et al. (2008b)**, Somasundaran et al. (2009)
Features: Parts-of-speech (adjectives, nouns), syntax, language models
beyond unigrams: Dave et al. (2003), Kim & Hovy (2006b); adjectives Hatzivassiloglou & McKeown (1997), Hatzivassiloglou & Wiebe (2000), Mullen & Collier (2004), Whitelaw et al. (2005); syntax: Dave et al. (2003), **Gamon (2004)**, Kudo & Matsumoto (2004), **Ng et al. (2006)**

18.09.2009
Applications:
Background on political discourse: Laver et al. (2003), Mullen & Malouf (2006), Mullen & Malouf (2008), **Martin & Vanberg (2008)**

Invited Speaker: Franz Wanner, University of Konstanz: Visual Sentiment Analysis of RSS News Feeds Featuring the US Presidential Election in 2008
Wanner et al. (2009)

Political orientation of websites: Grefenstette et al. (2004), **Lin & Hauptmann (2006)**, Lin et al. (2006)

Further topics:
Unsupervised approaches: Pang & Lee (2008b)
Interaction topic–sentiment: Hurst & Nigam (2004), Mullen & Collier (2004), Eguchi & Lavrenko (2006), Eguchi & Shah (2006), Kim & Hovy (2007), Mei et al. (2007)
Summarization and question answering: opinion-oriented summarization Beineke et al. (2004), Zhou & Hovy (2005), Ku et al. (2006), Carenini et al. (2006), Zhang (2008); perspective detection for summarization Seki et al. (2004), Seki et al. (2005), Seki et al. (2006); question answering Cardie et al. (2003), Wiebe et al. (2003)
Deception detection: Burgoon et al. (2003), Zhou et al. (2003), Graciarena et al. (2006), **Bachenko et al. (2008), Hancock et al. (2008)**
Emotion recognition: Subasic & Huettner (2001), Liu et al. (2003), **Alm et al. (2005)**
Humor recognition: Mihalcea & Strapparava (2006)

Credits

Credits (most likely) depend on three criteria:

1. your regular attendance plus your contributions – make yourself known to me (1/3);

2. (brief) daily homework: two questions about yesterday's lecture – either per email before 7:00am or *before* the day's lecture; we will talk about some of the questions in the beginning of each lecture (1/3);

3. two short tests on Sept. 11th and Sept. 17th (1/3).

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