

PNAS Template for Supplementary Information

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Using the template

Specify the title, author list, and corresponding authors with the `\title`, `\author` and `\correspondingauthor` commands. The cover page will be automatically generated with the relevant description of the SI, by the `\maketitle` command.

Figures should be placed on separate pages with legends set immediately below each figure. Table titles should be set immediately above each table. Note that tables extending beyond the width of the page can be included in the PDF or provided as separate dataset files. Oversized/nonstandard page sizes are accepted as part of your SI Appendix file.

References cited in the SI text should be included in a separate reference list at the end of this SI file: (?) and (?).

Supporting information for Brief Reports is limited to extended methods, essential supporting datasets, and videos (no additional tables or figures).

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19

20 **Supplementary Information for**

21 **Your main manuscript title**

22 **Author1, Author2 and Author3 (complete author list)**

23 **Corresponding Author name.**

24 **E-mail: author.two@email.com**

25 **This PDF file includes:**

- 26 Supplementary text
- 27 Figs. S1 to S66 (not allowed for Brief Reports)
- 28 Legends for Movies S1 to S3
- 29 Legends for Dataset S1 to S2

30 **Other supplementary materials for this manuscript include the following:**

- 31 Movies S1 to S3
- 32 Datasets S1 to S2

33 **Supporting Information Text**

34 **Subhead.** Type or paste text here. This should be additional explanatory text such as an extended technical description of
35 results, full details of mathematical models, etc.

36 **Heading**

37 **Subhead.** Type or paste text here. You may break this section up into subheads as needed (e.g., one section on “Materials”
38 and one on “Methods”).

39 **Materials.** Add a materials subsection if you need to.

40 **Methods.** Add a methods subsection if you need to.

41 **1. Quotation Aggregation**

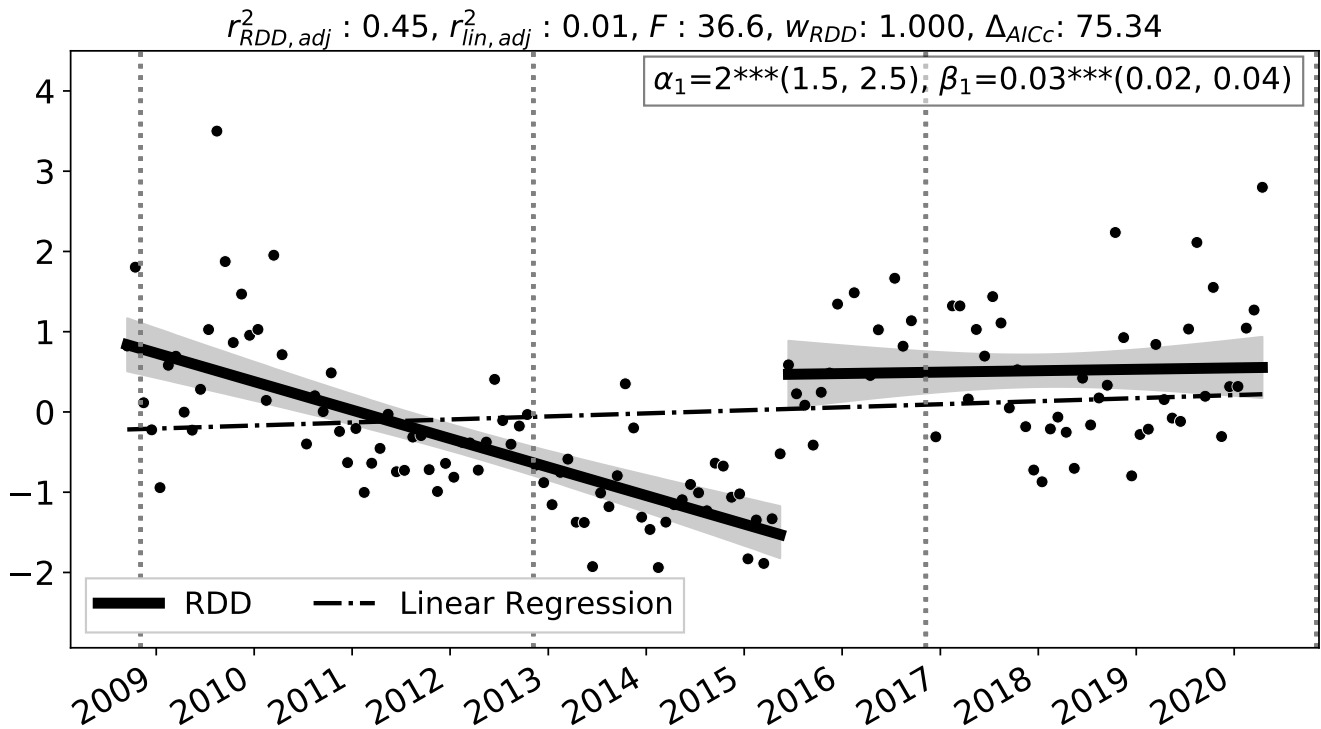


Fig. S1. Neg. Emotion (empath): Quotation Aggregation

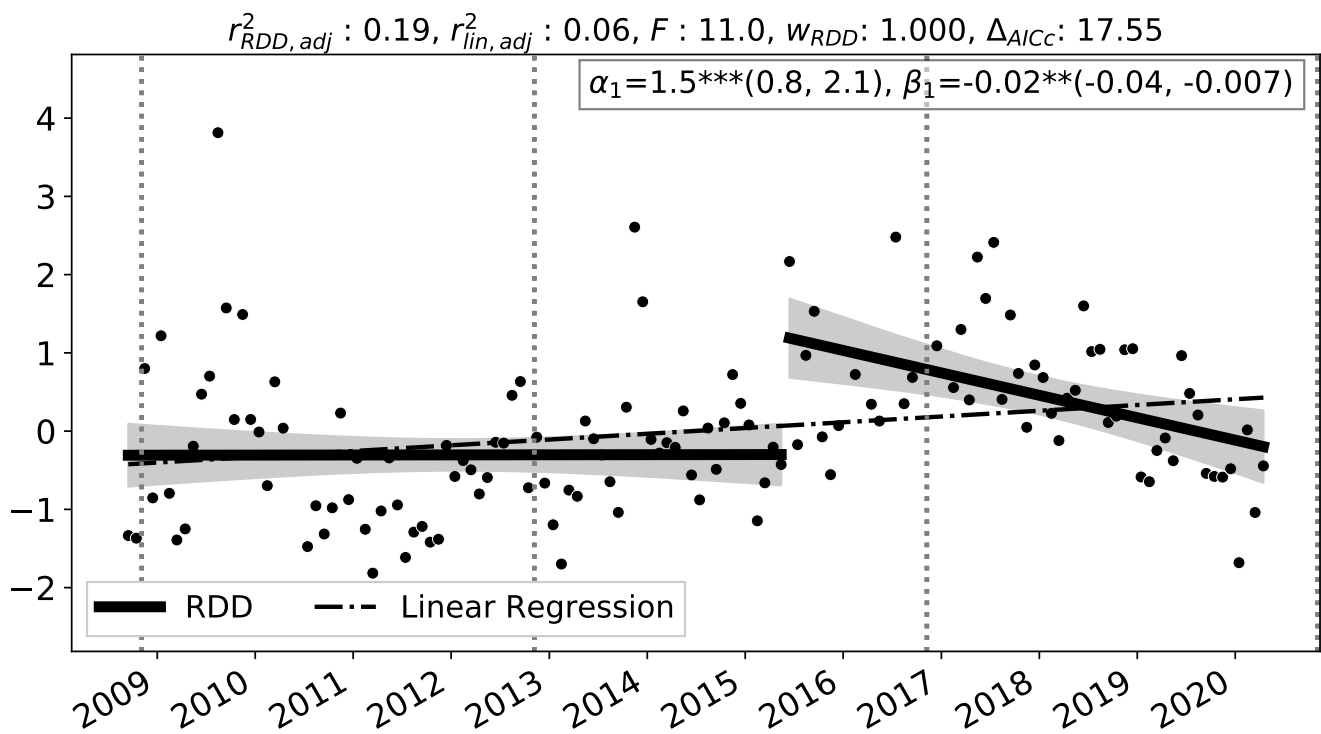


Fig. S2. Pos. Emotion (empath): Quotation Aggregation

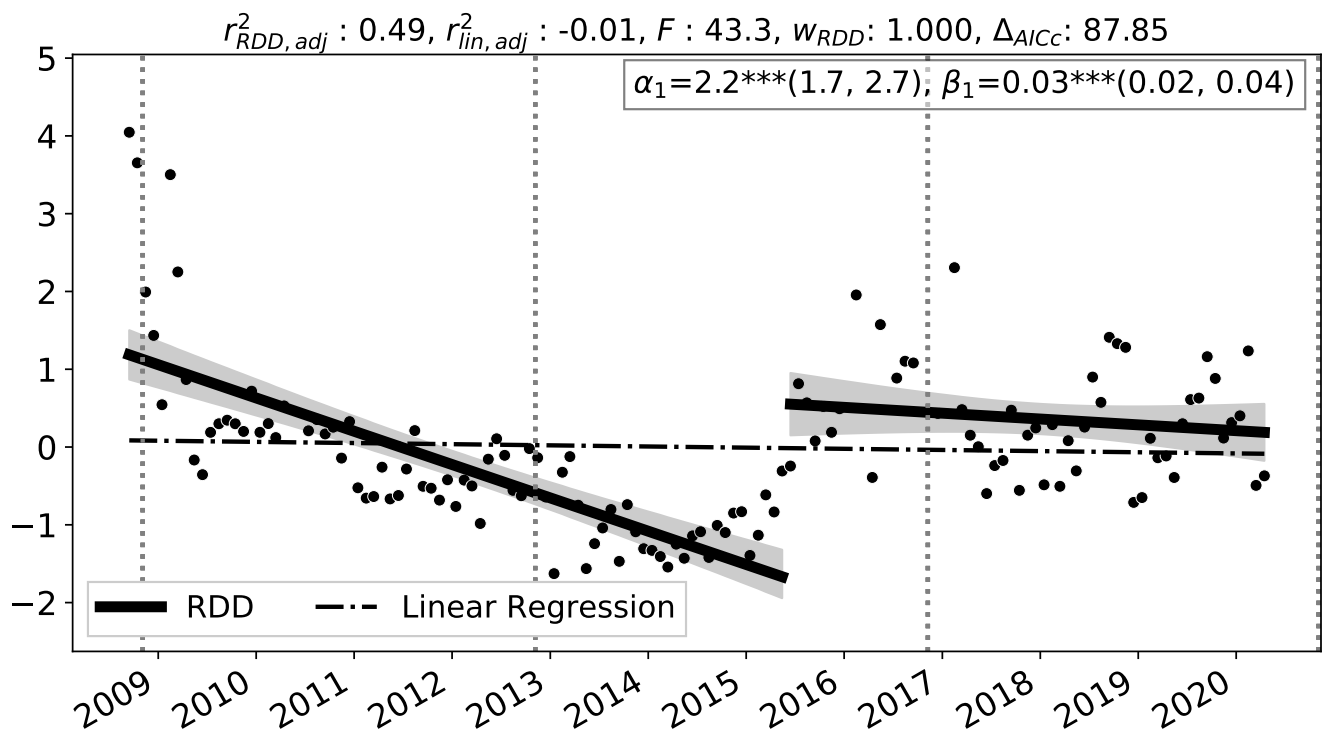


Fig. S3. Swearing (empath): Quotation Aggregation

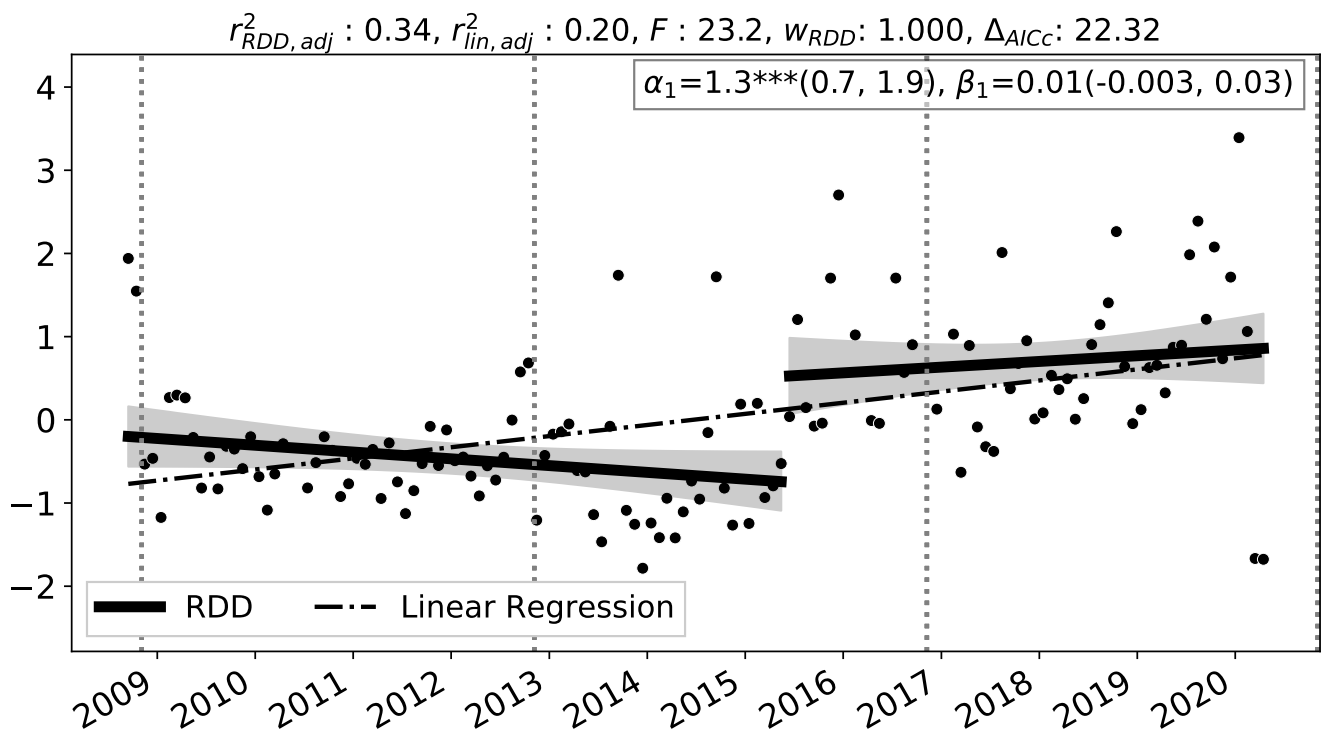


Fig. S4. Anger: Quotation Aggregation

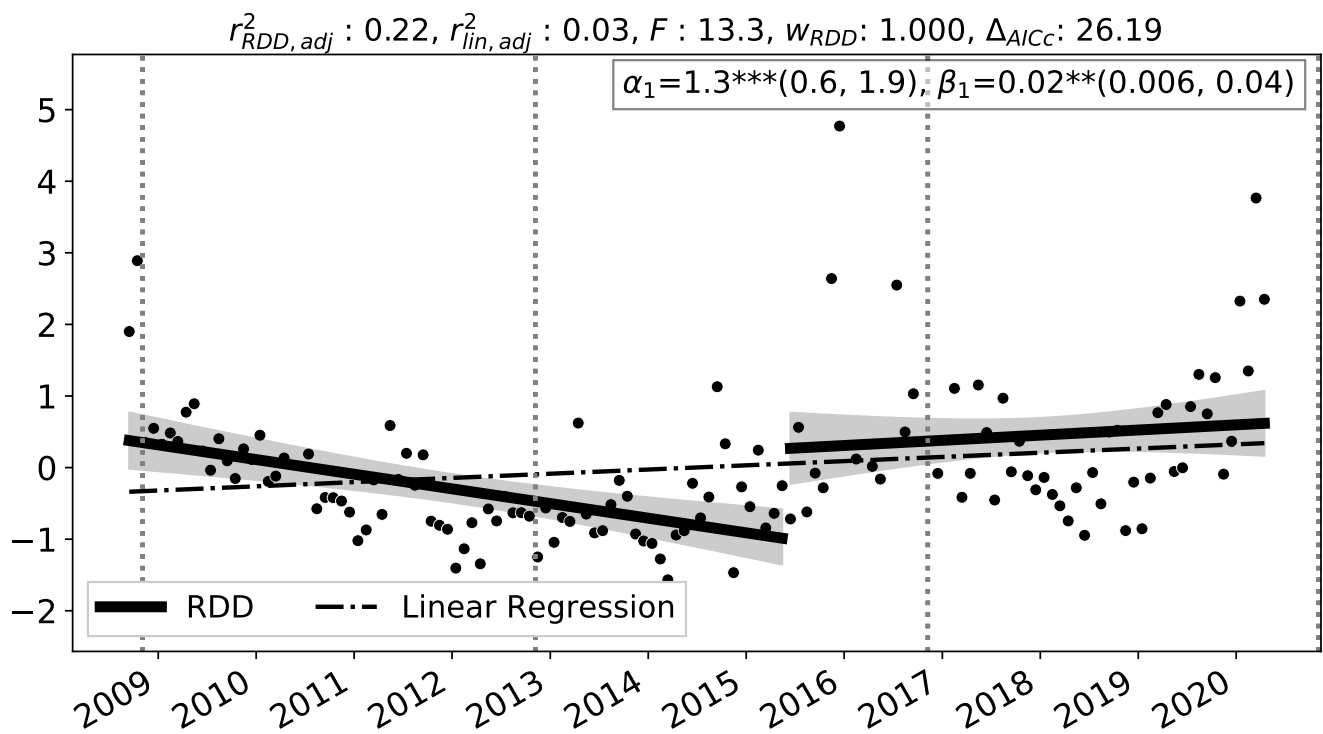


Fig. S5. Anxiety: Quotation Aggregation

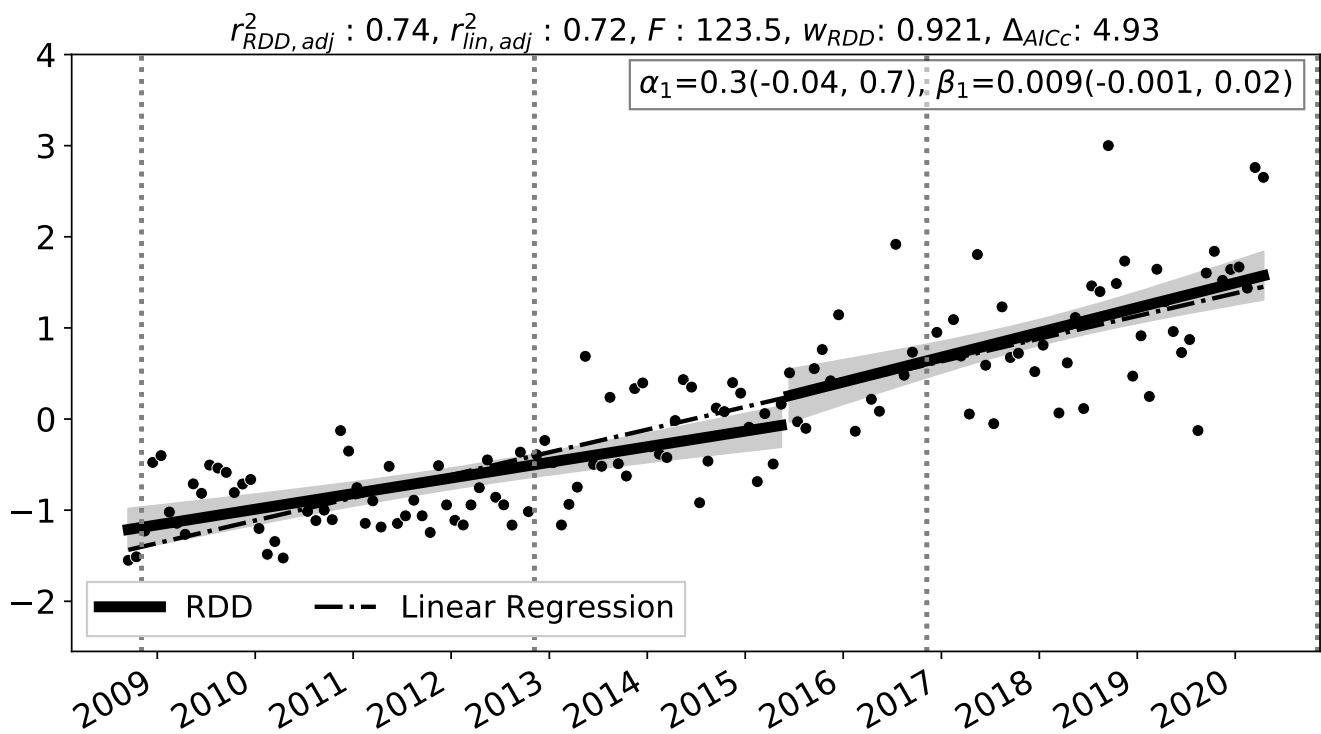


Fig. S6. Certainty: Quotation Aggregation

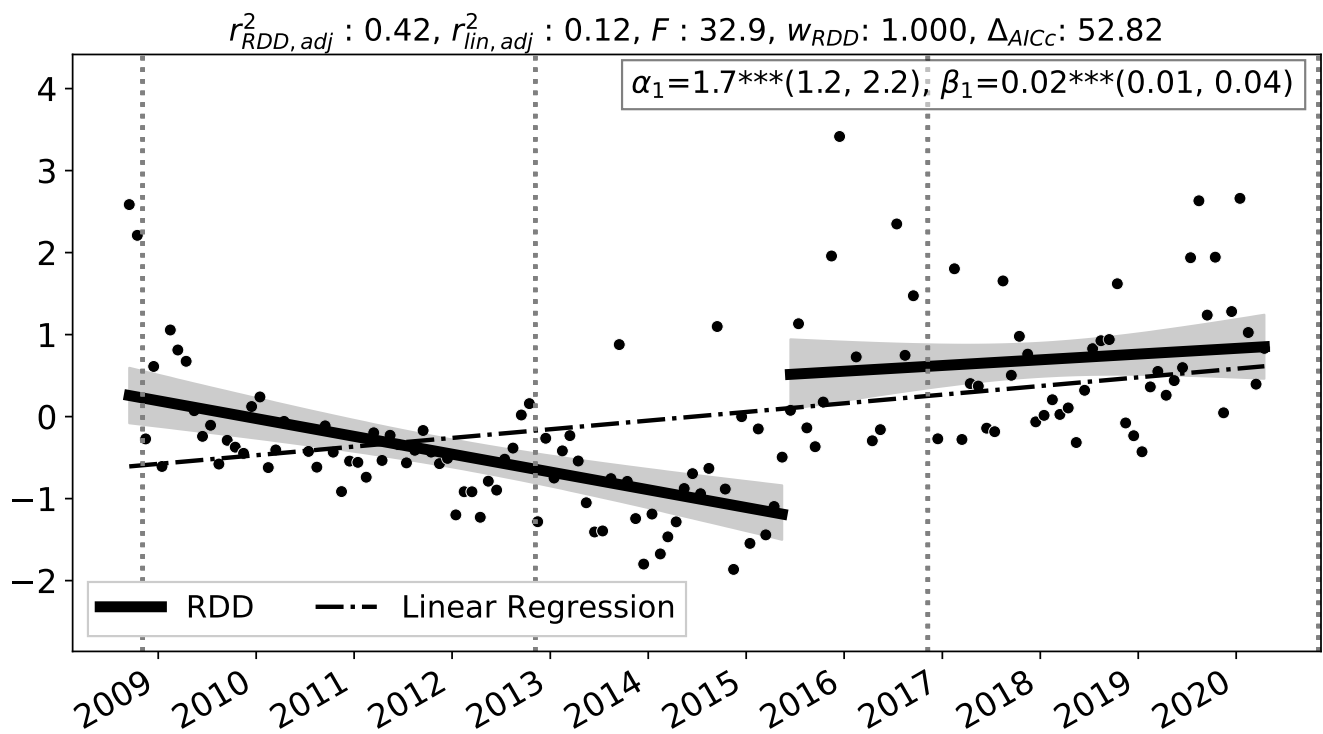


Fig. S7. Negative Emotions: Quotation Aggregation

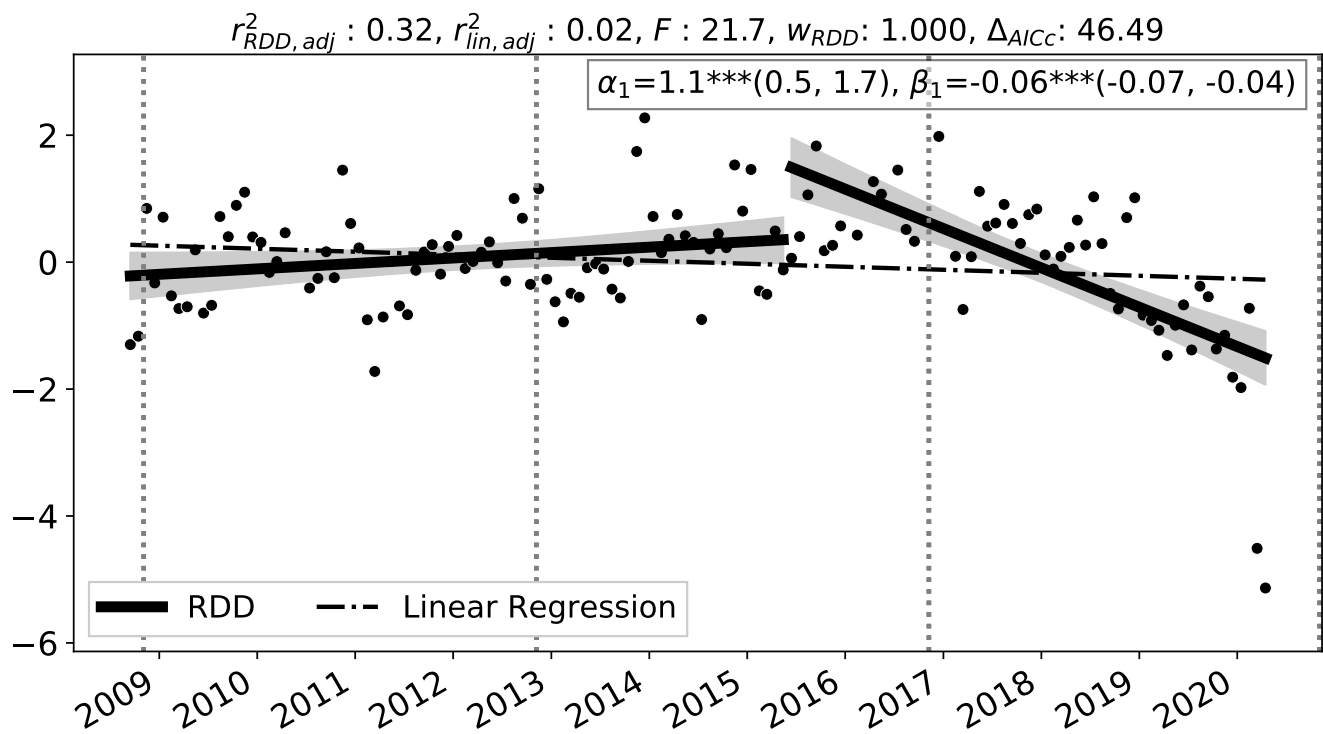


Fig. S8. Positive Emotions: Quotation Aggregation

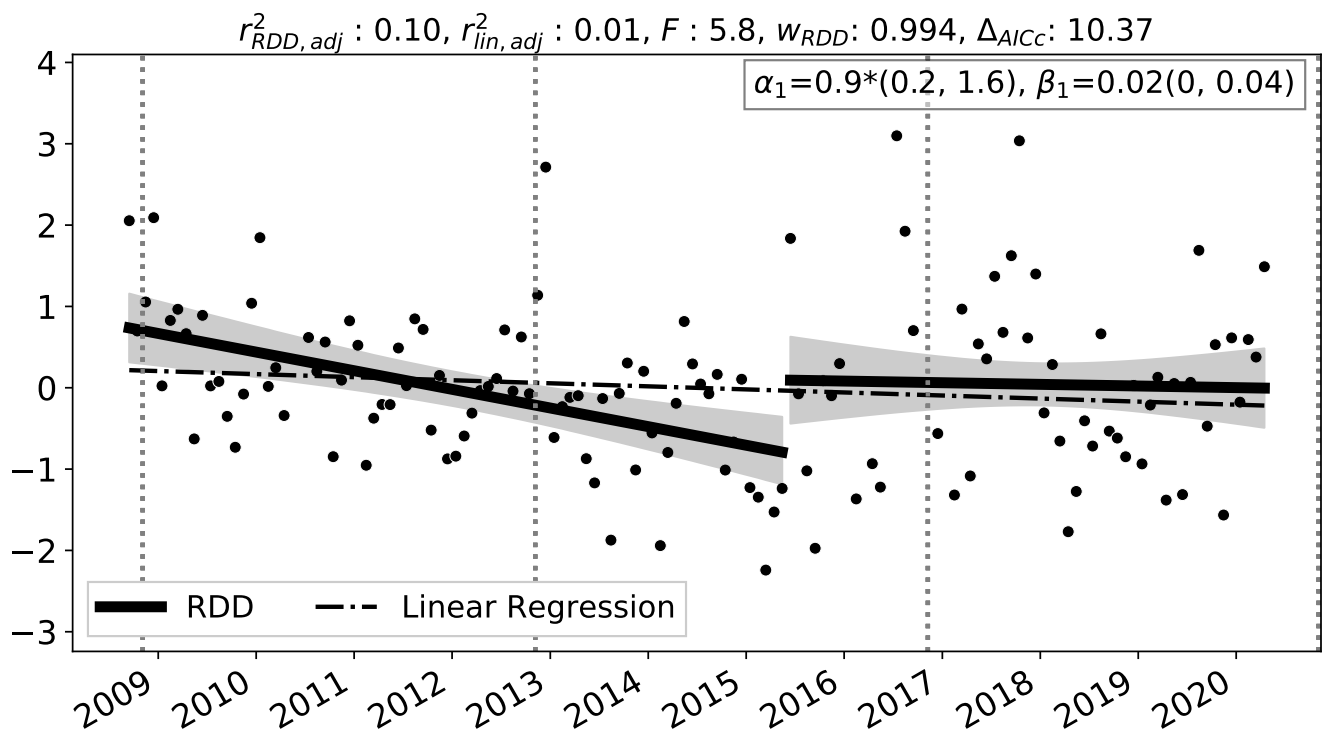


Fig. S9. Sadness: Quotation Aggregation

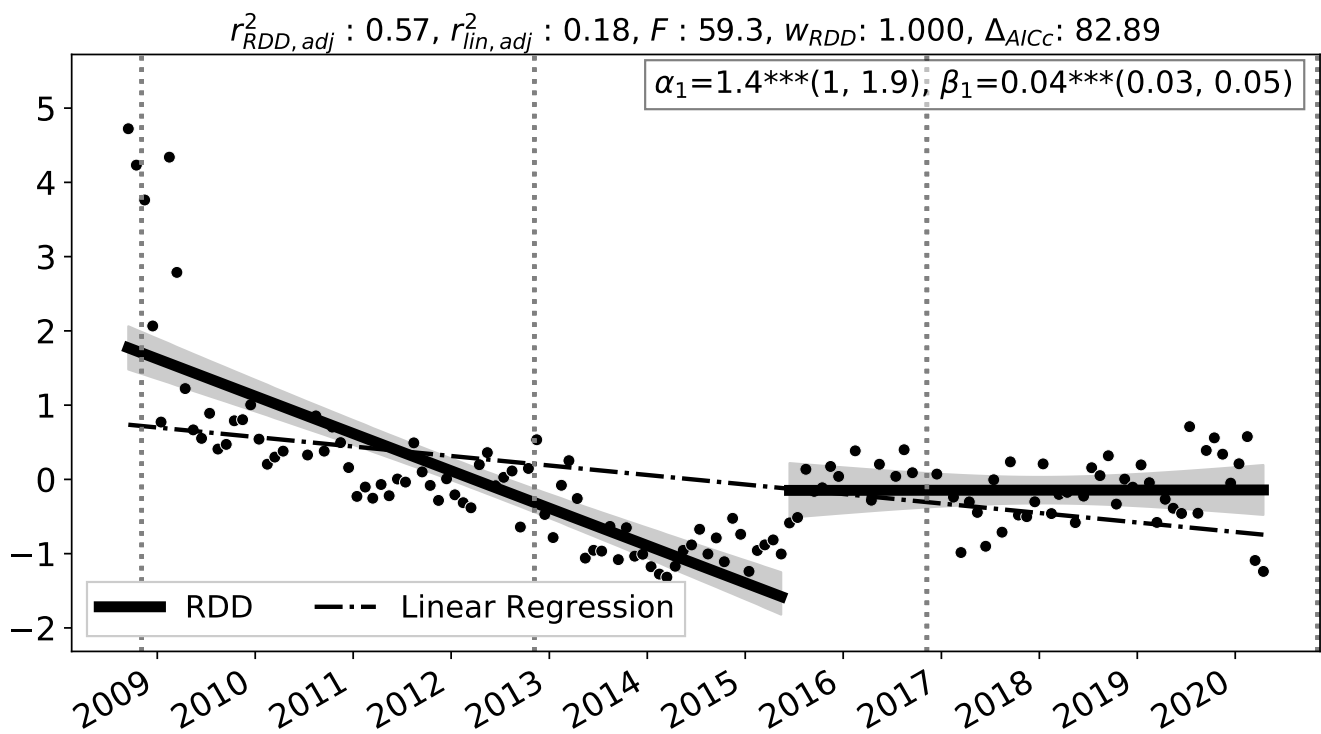


Fig. S10. Swearing Terms: Quotation Aggregation

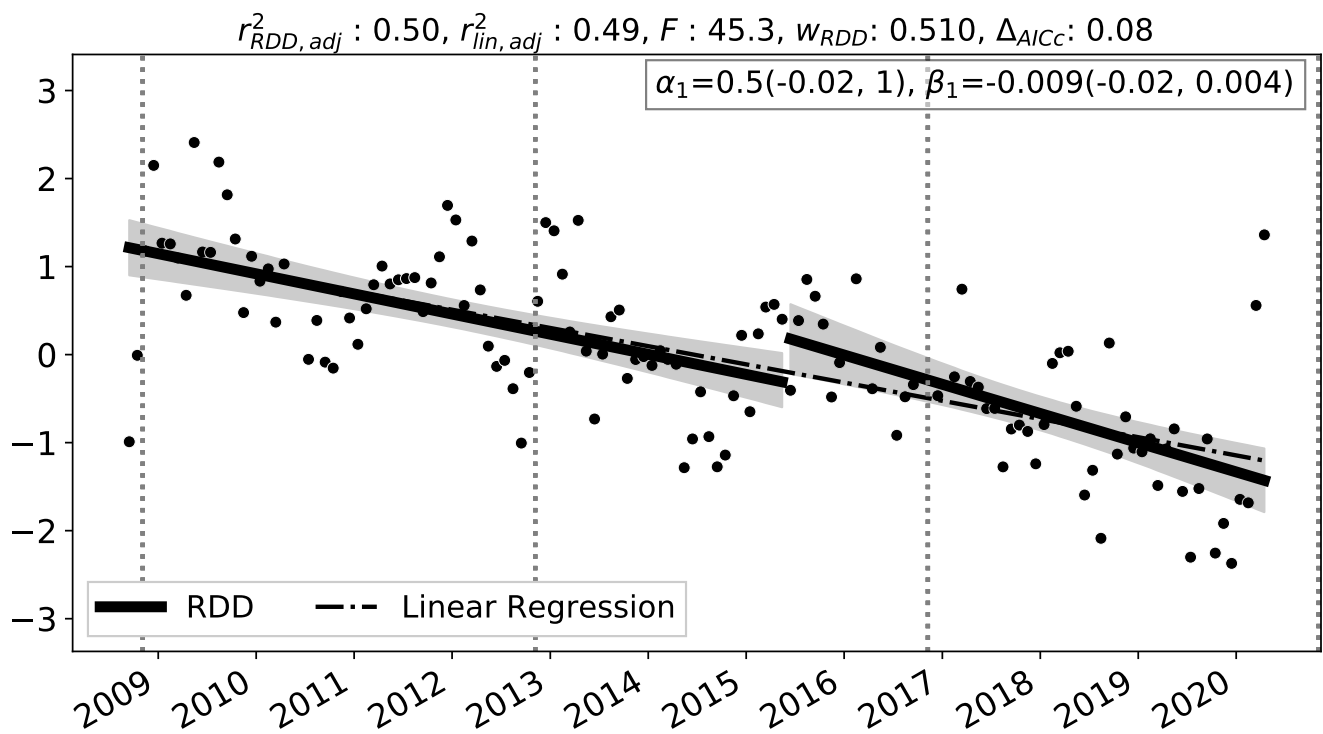


Fig. S11. Tentativeness: Quotation Aggregation

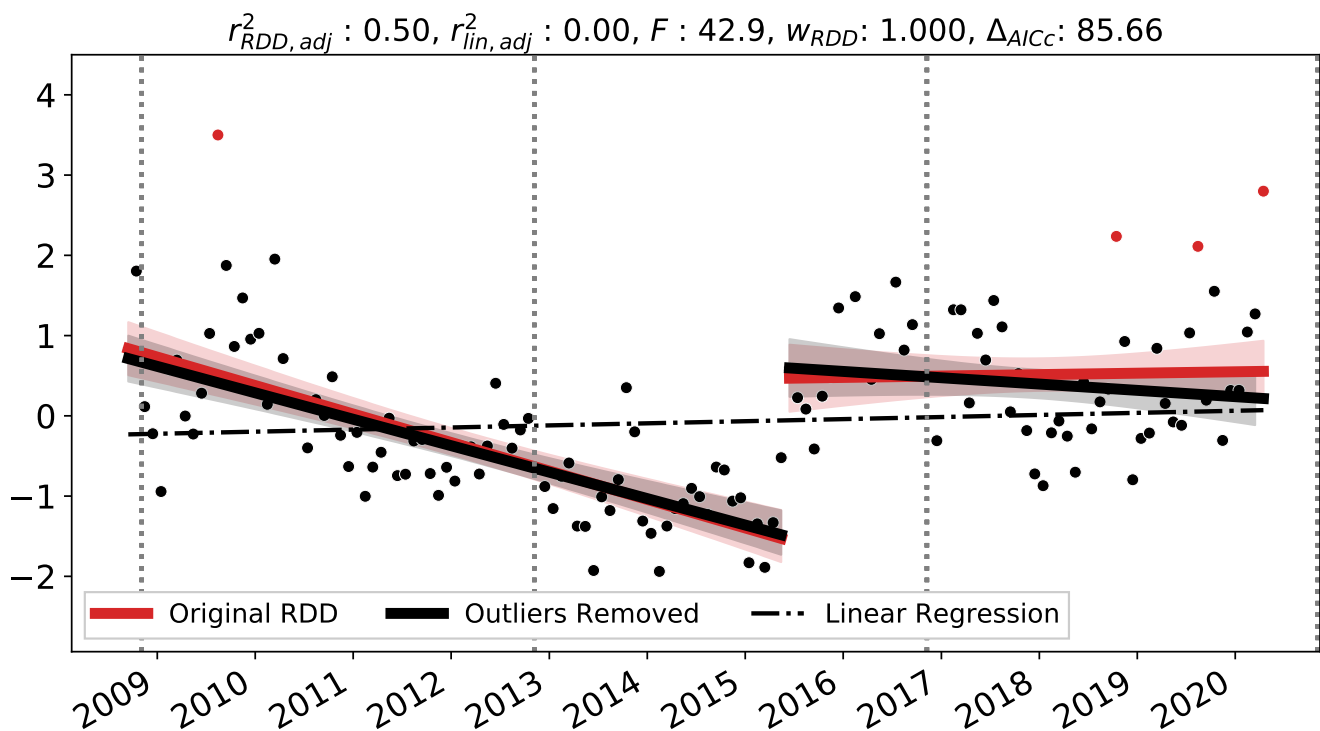


Fig. S12. Neg. Emotion (empath): Quotation Aggregation (Outliers removed)

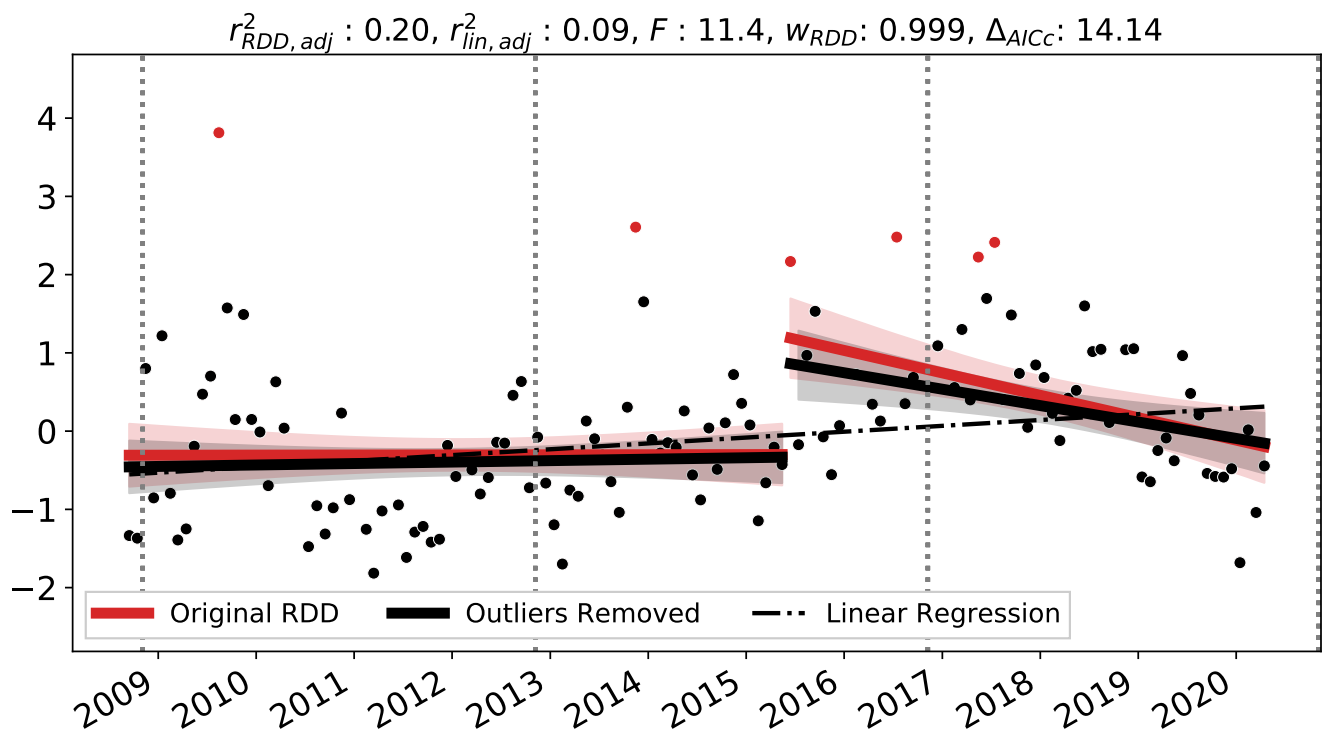


Fig. S13. Pos. Emotion (empath): Quotation Aggregation (Outliers removed)

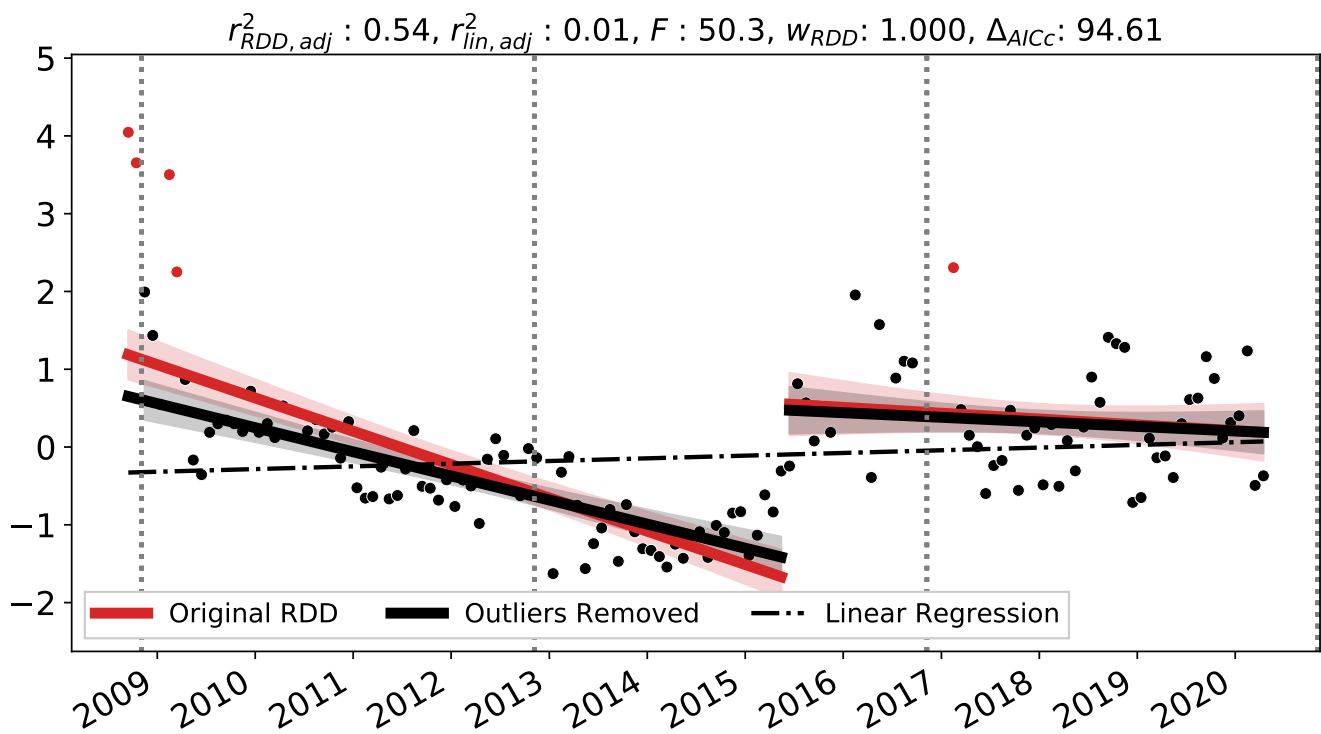


Fig. S14. Swearing (empath): Quotation Aggregation (Outliers removed)

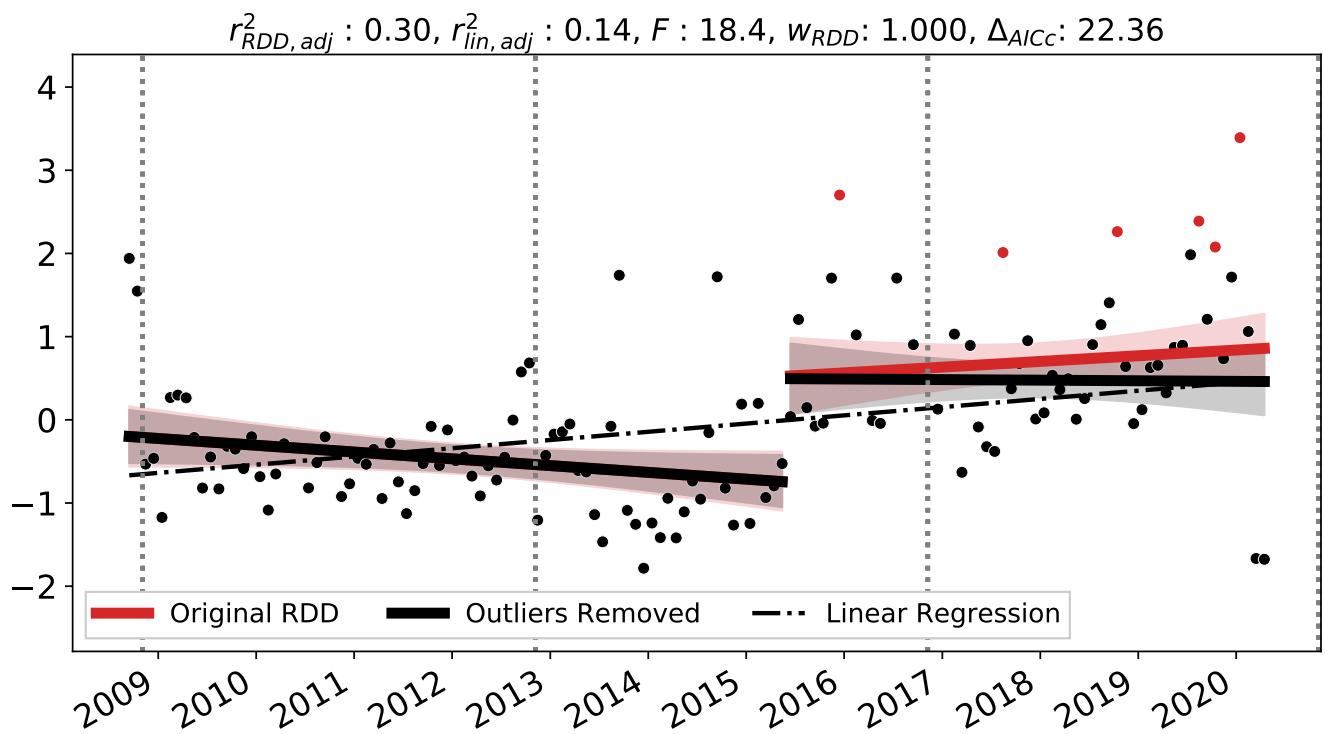


Fig. S15. Anger: Quotation Aggregation (Outliers removed)

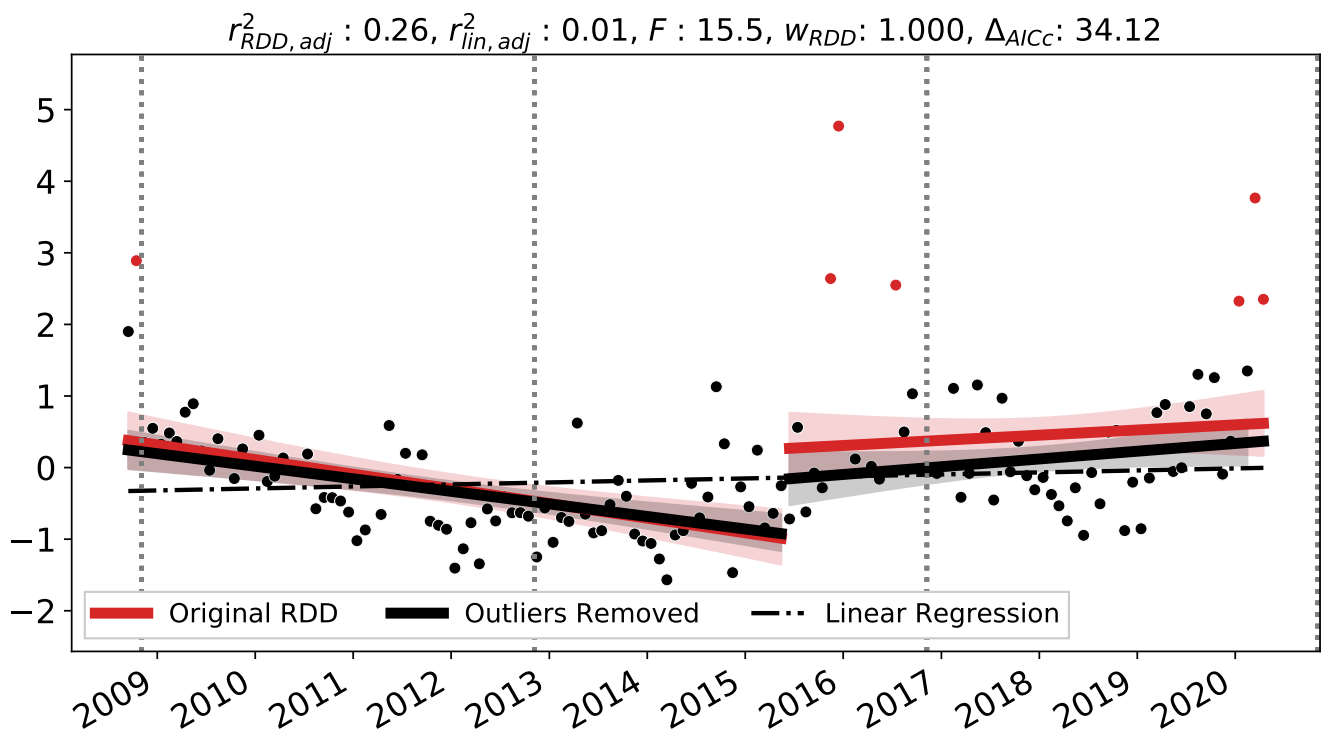


Fig. S16. Anxiety: Quotation Aggregation (Outliers removed)

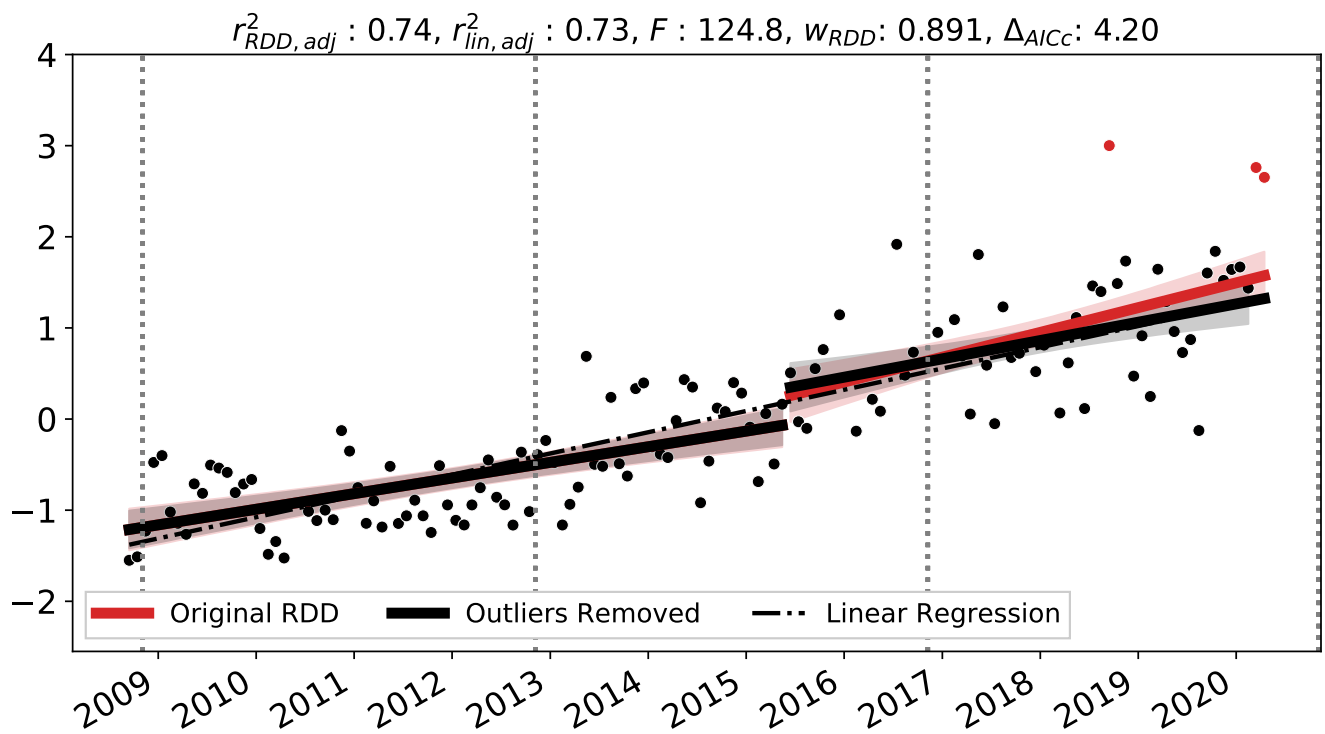


Fig. S17. Certainty: Quotation Aggregation (Outliers removed)

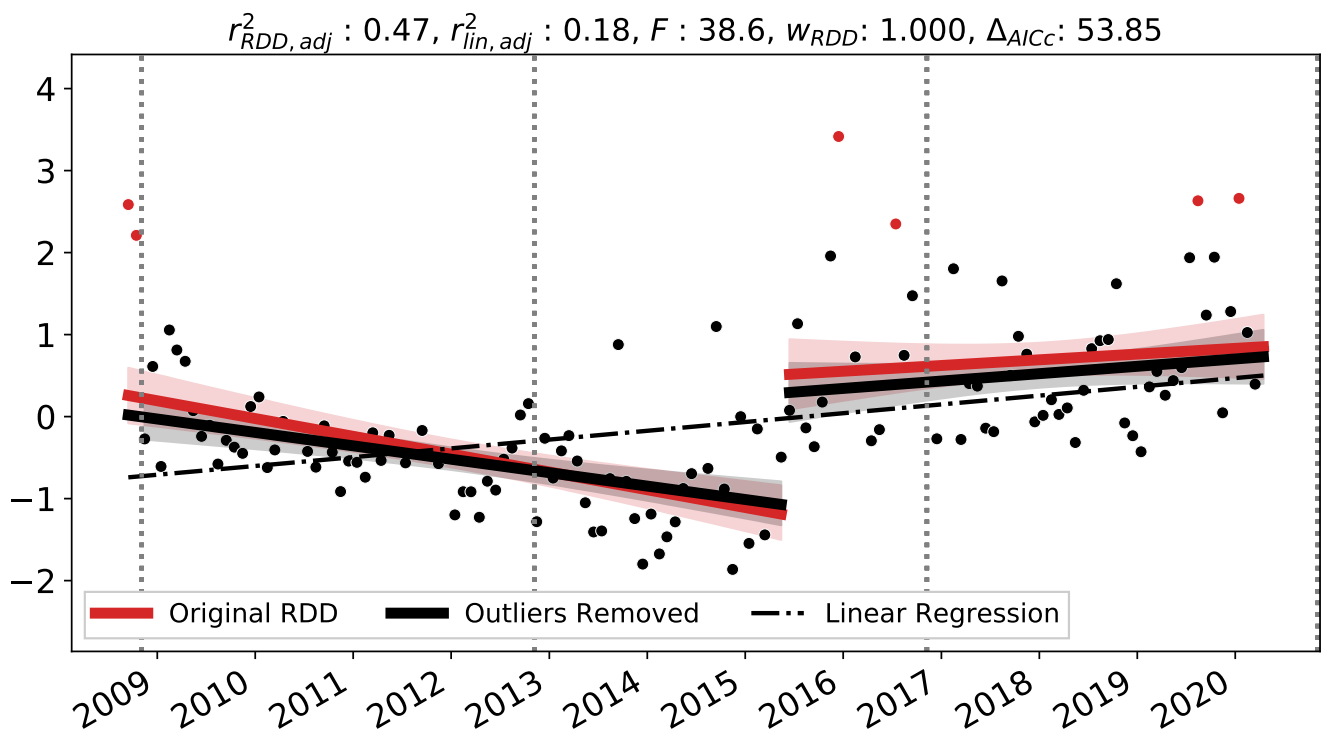


Fig. S18. Negative Emotions: Quotation Aggregation (Outliers removed)

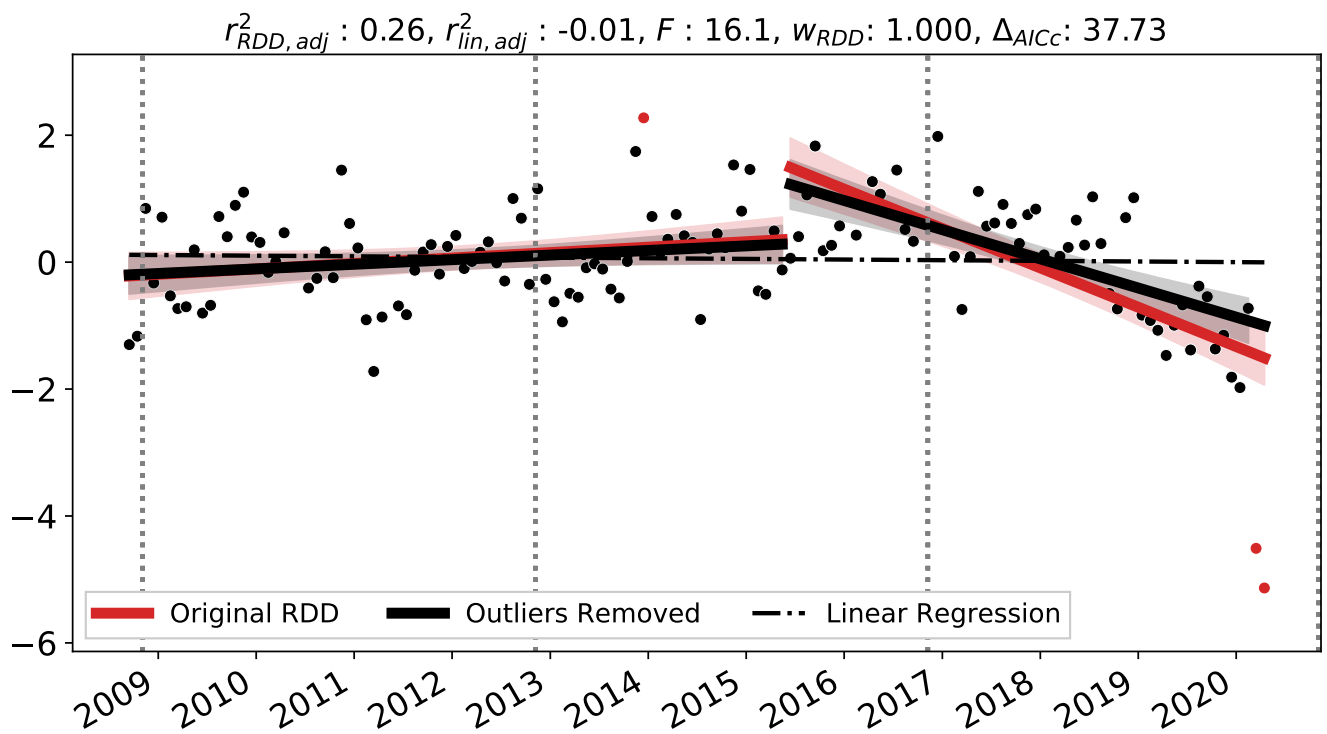


Fig. S19. Positive Emotions: Quotation Aggregation (Outliers removed)

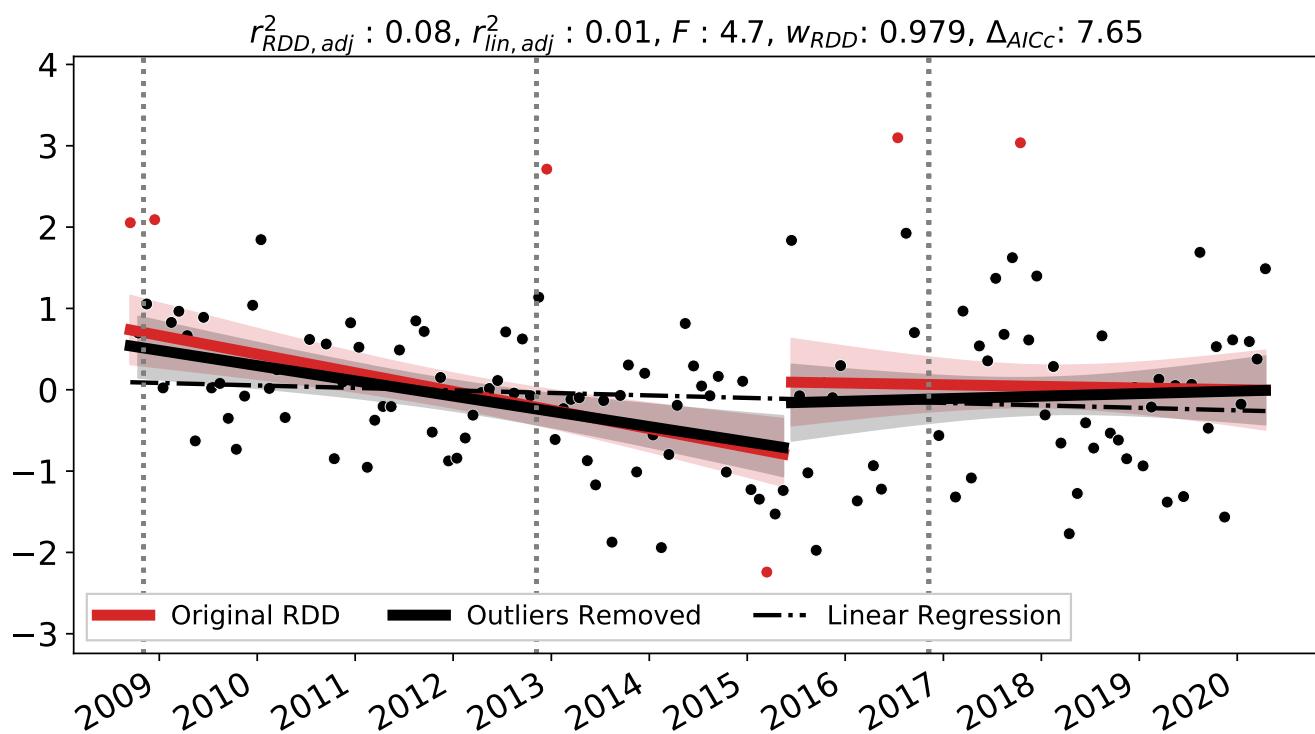


Fig. S20. Sadness: Quotation Aggregation (Outliers removed)

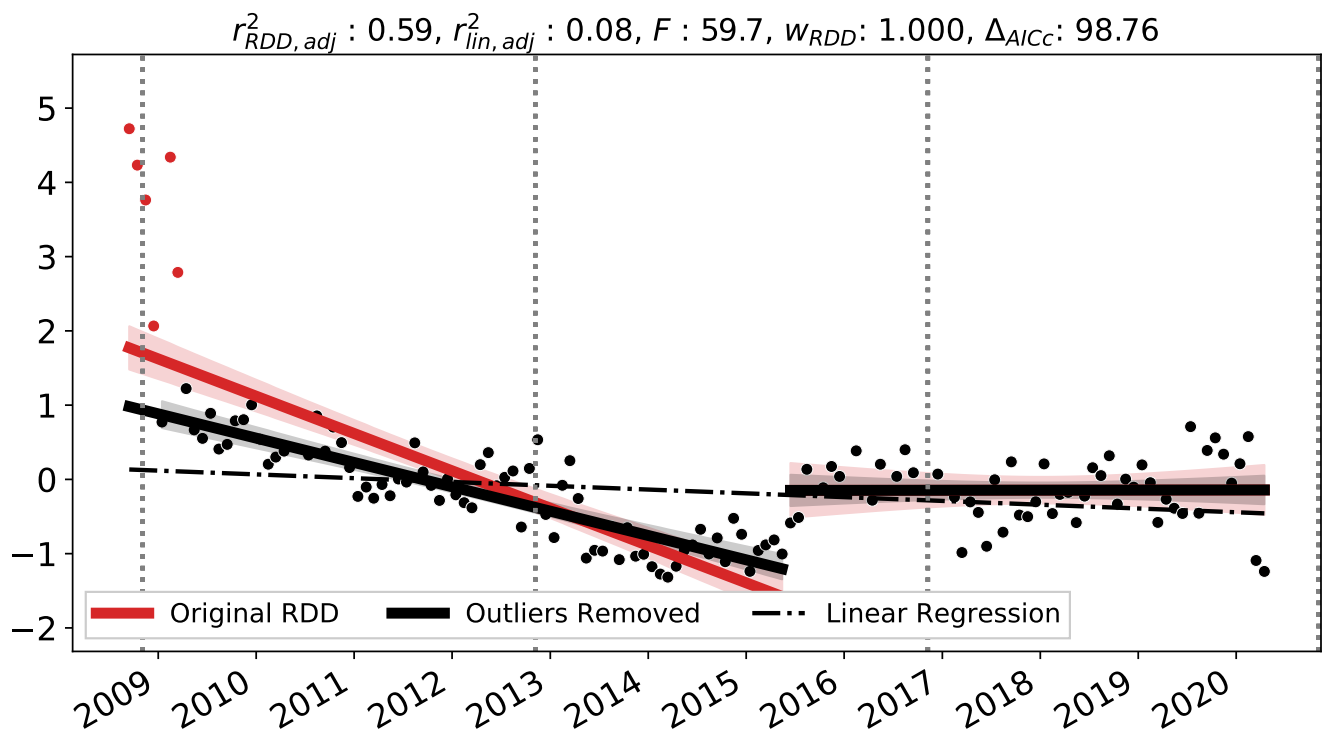


Fig. S21. Swearing Terms: Quotation Aggregation (Outliers removed)

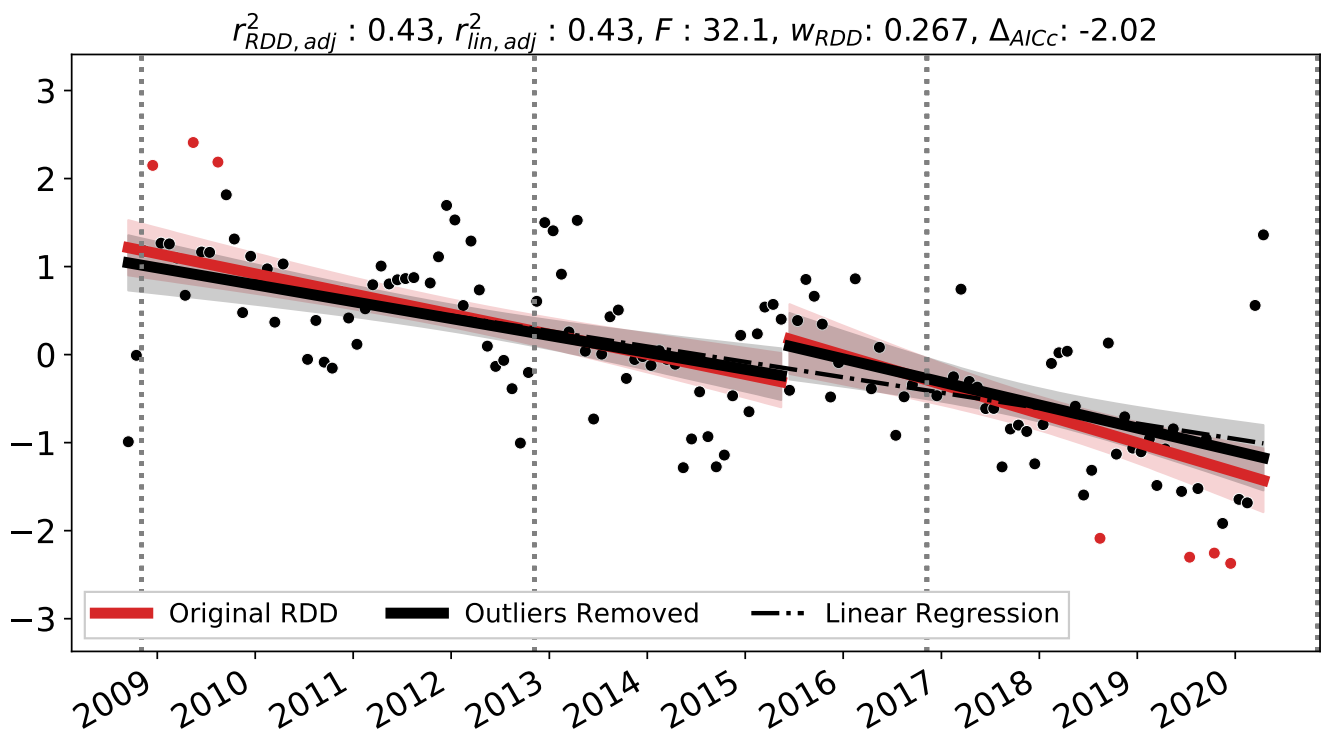


Fig. S22. Tentativeness: Quotation Aggregation (Outliers removed)

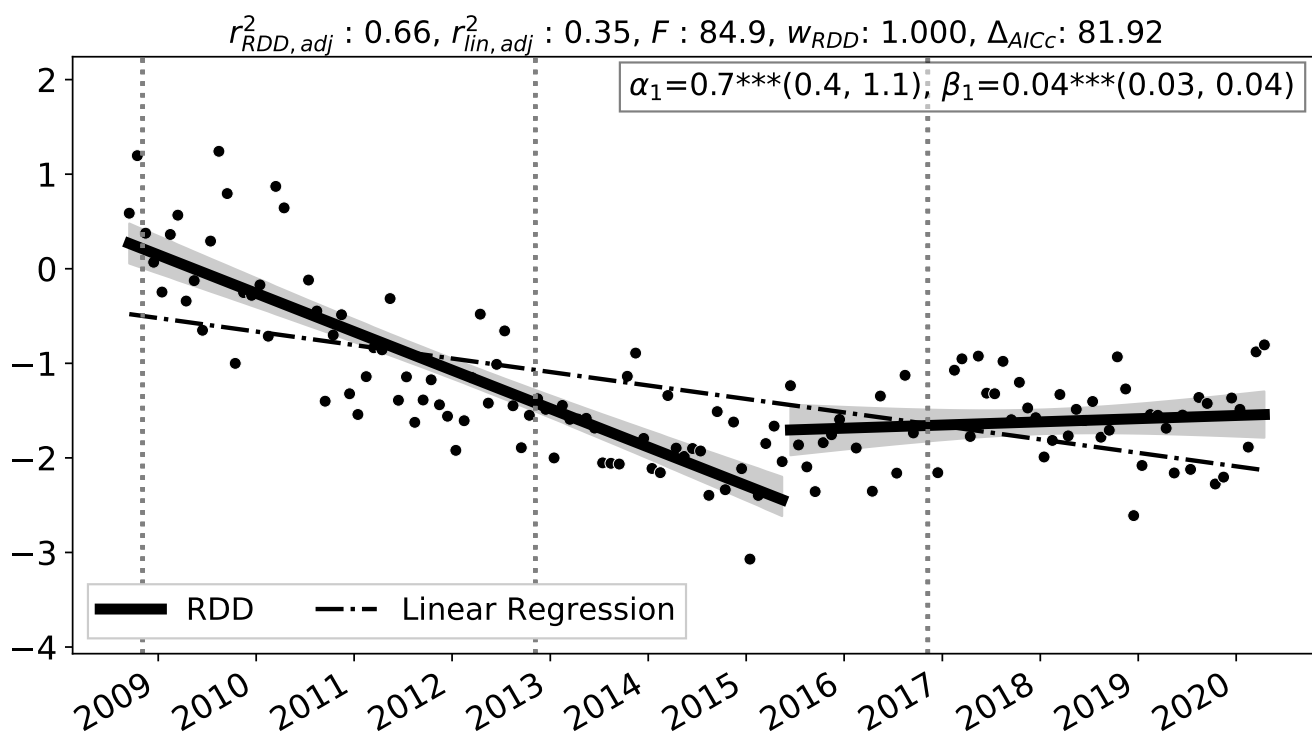


Fig. S23. Neg. Emotion (empath): Speaker Aggregation

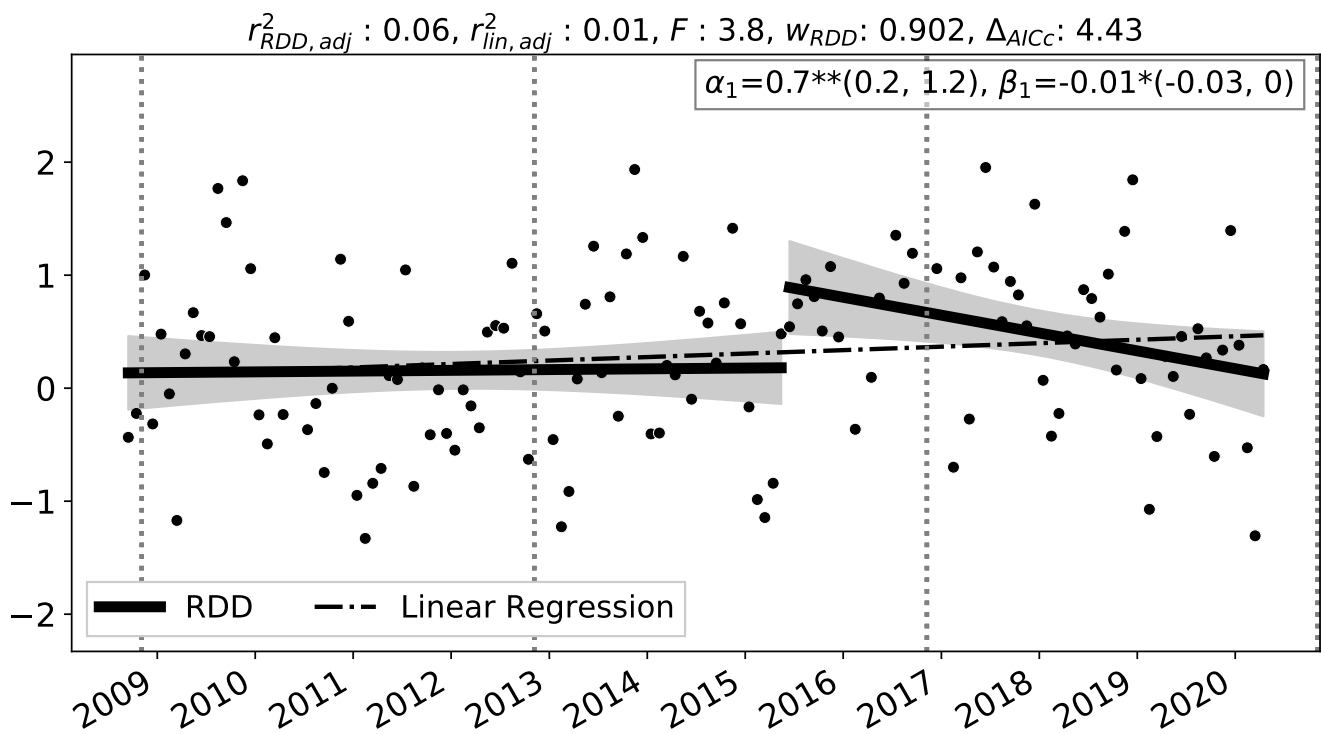


Fig. S24. Pos. Emotion (empath): Speaker Aggregation

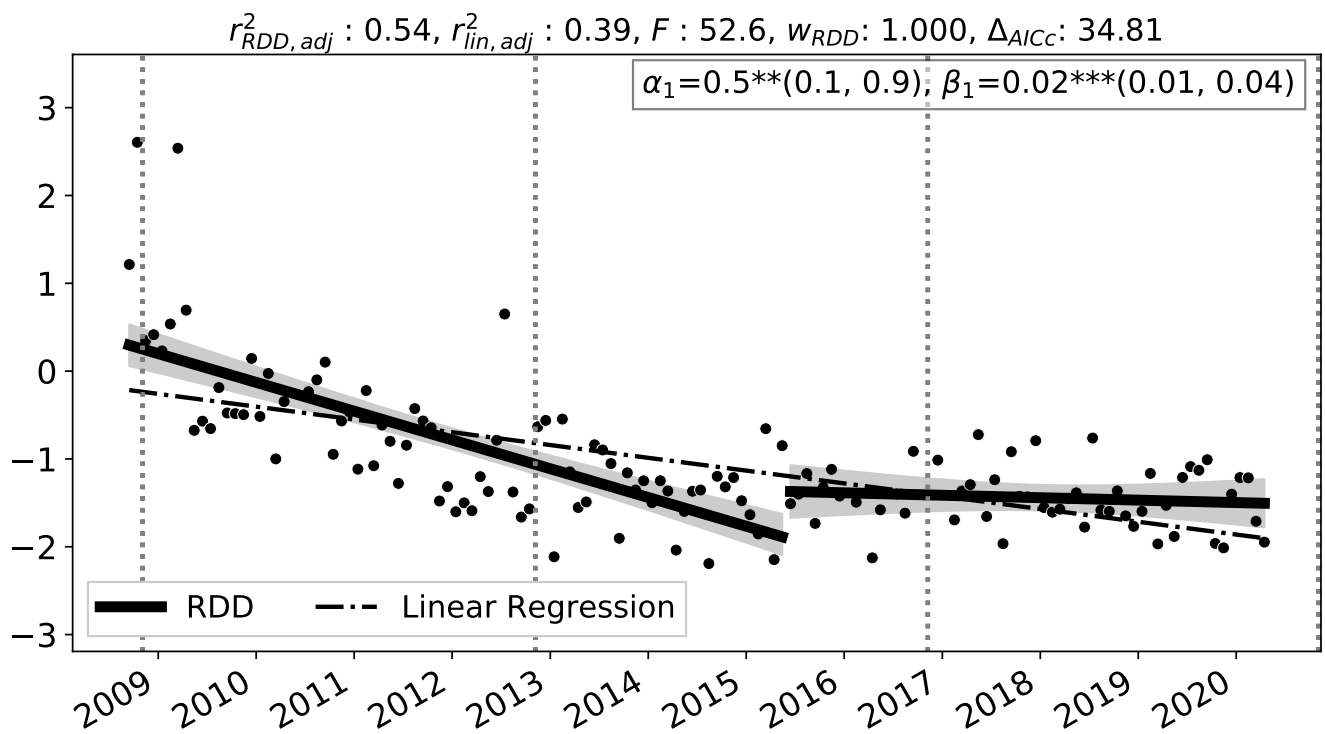


Fig. S25. Swearing (empath): Speaker Aggregation

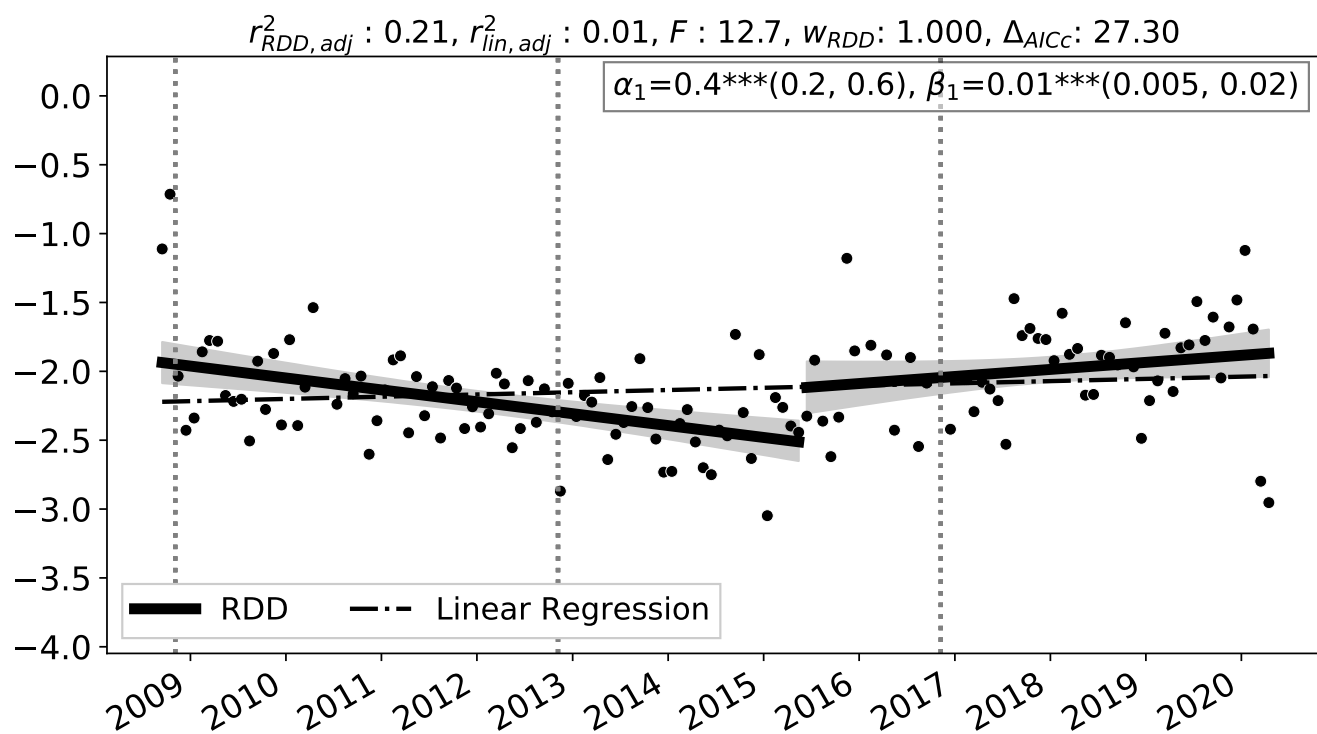


Fig. S26. Anger: Speaker Aggregation

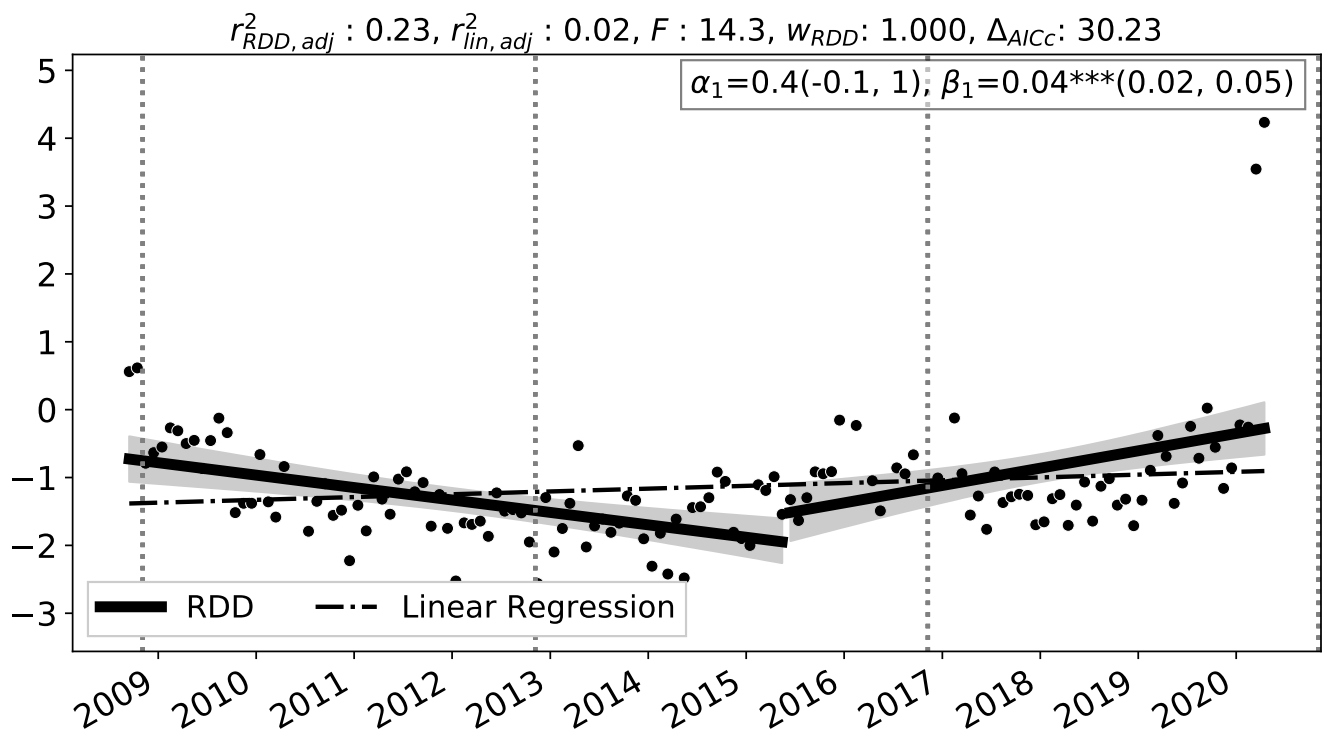


Fig. S27. Anxiety: Speaker Aggregation

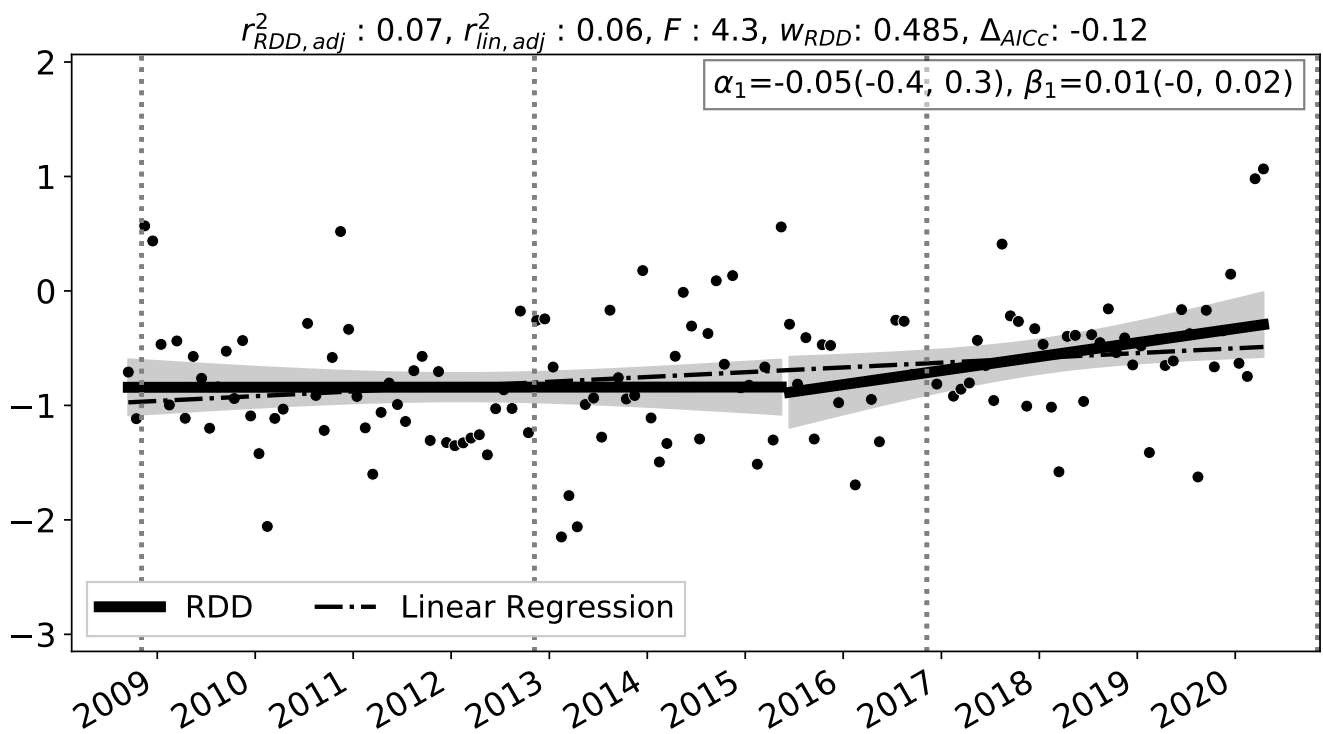


Fig. S28. Certainty: Speaker Aggregation

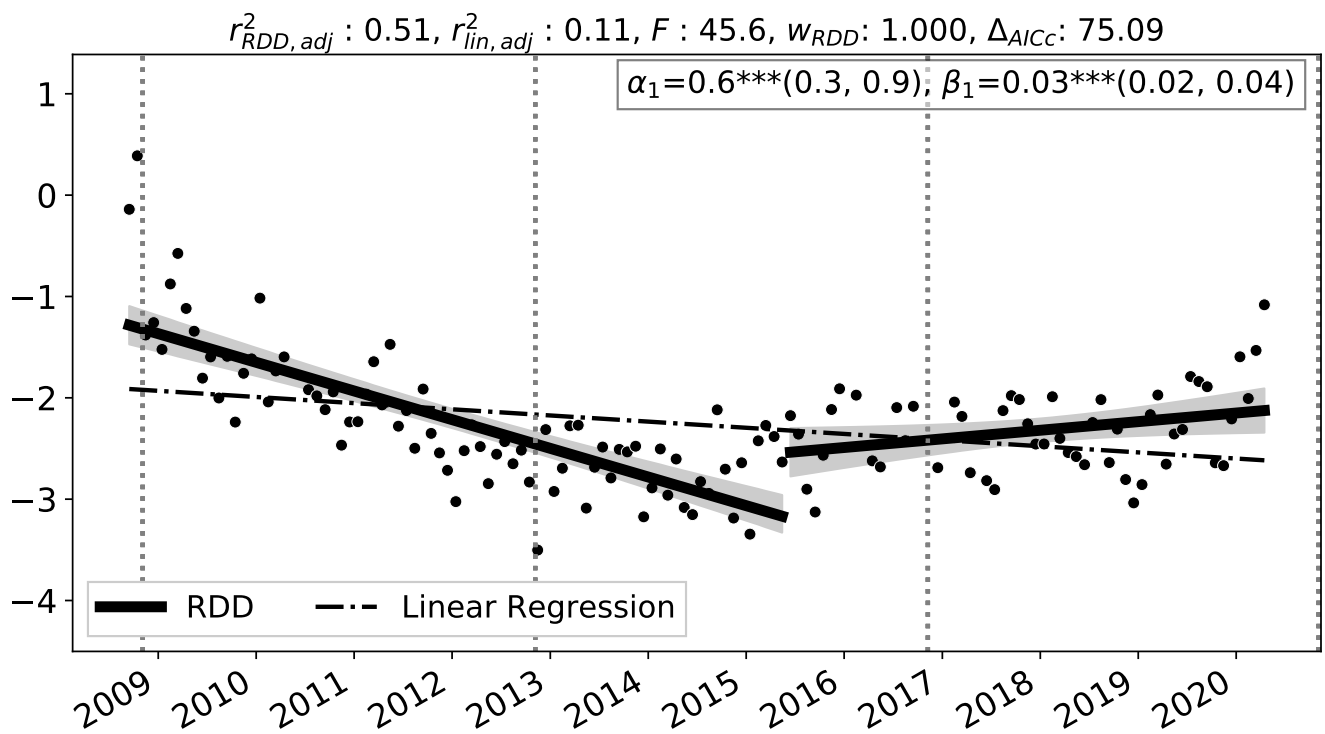


Fig. S29. Negative Emotions: Speaker Aggregation

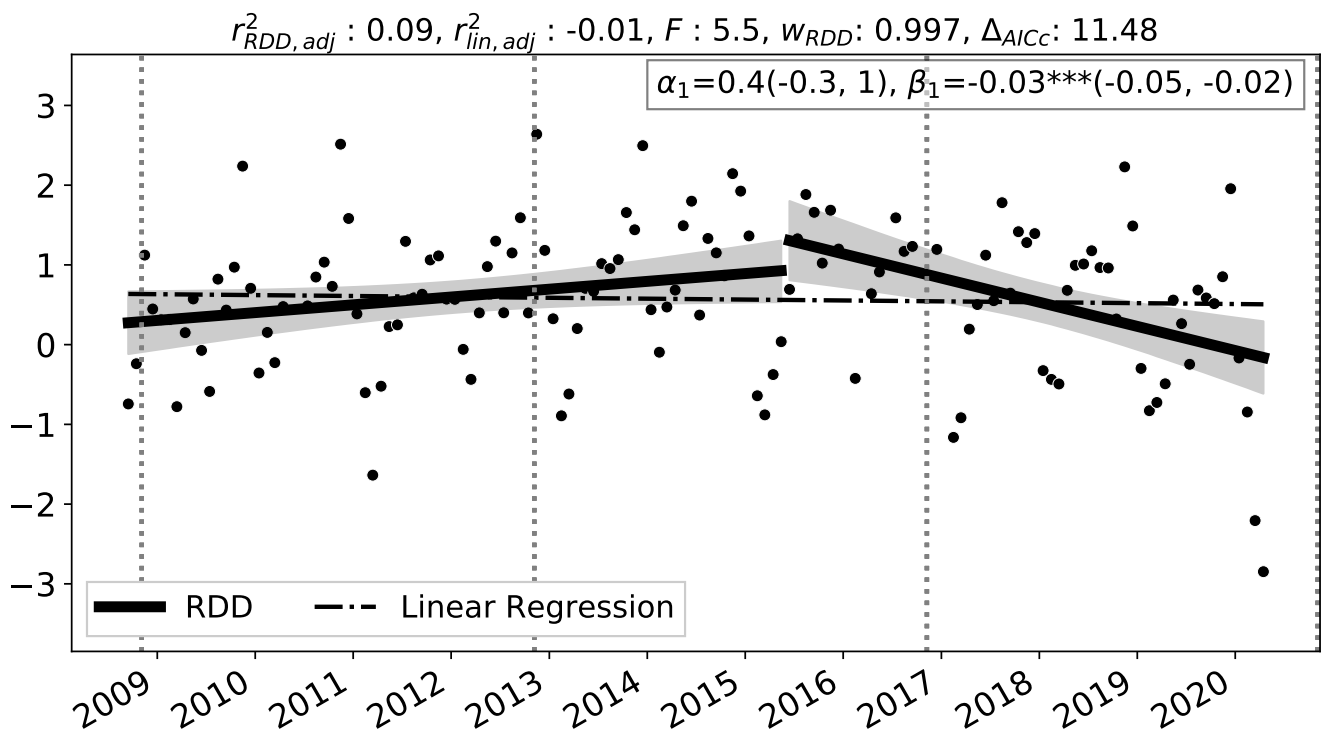


Fig. S30. Positive Emotions: Speaker Aggregation

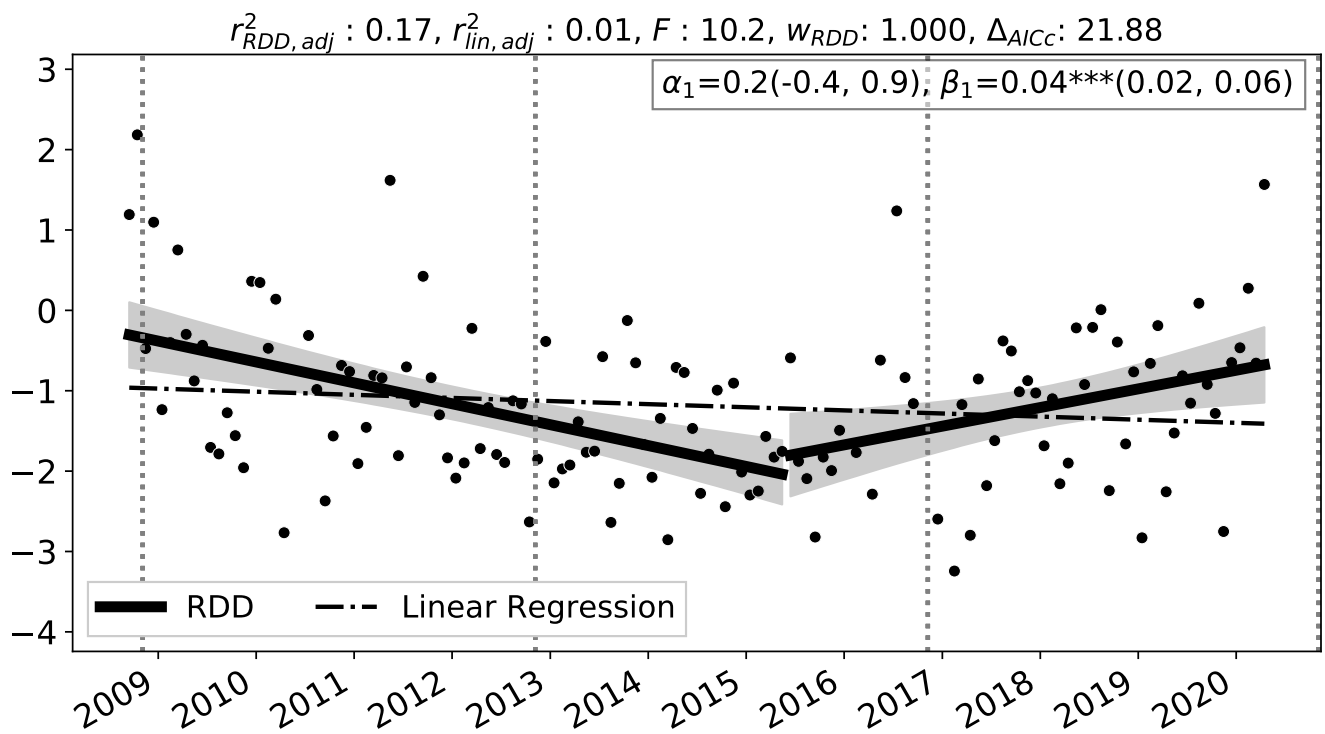


Fig. S31. Sadness: Speaker Aggregation

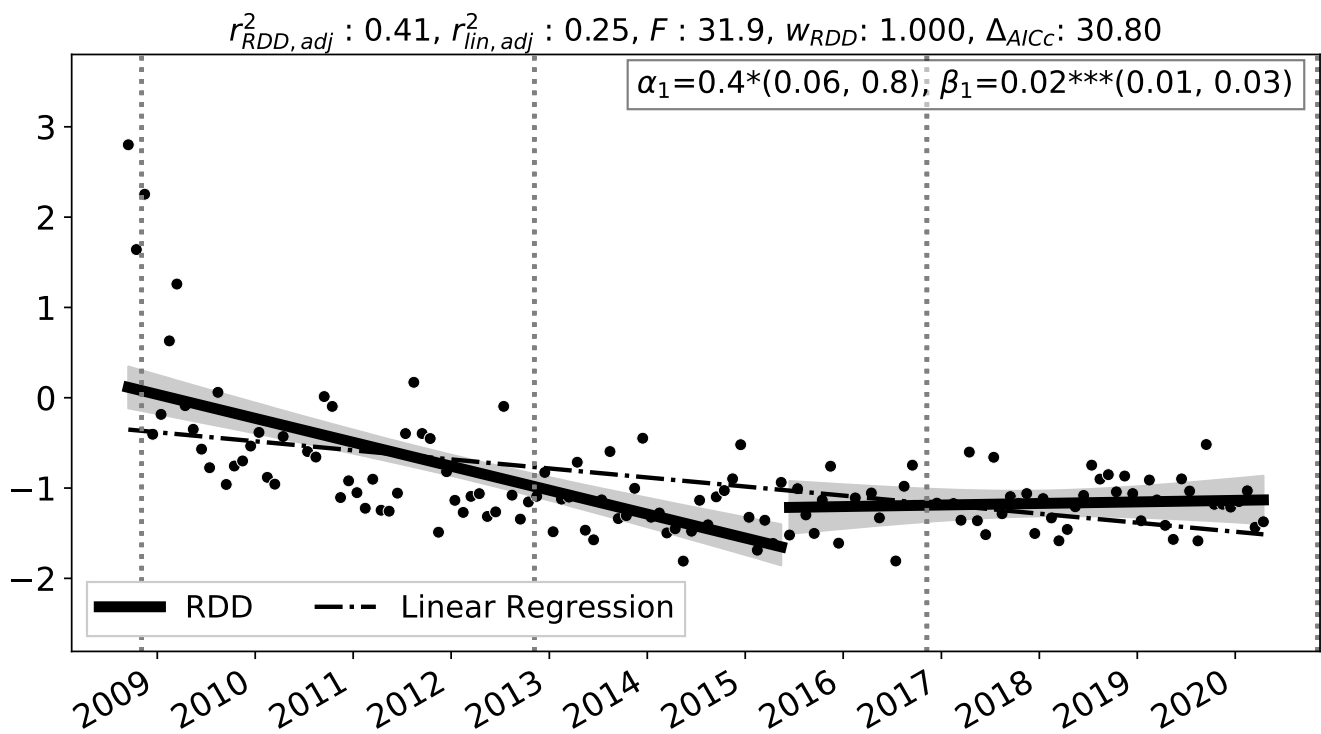


Fig. S32. Swearing Terms: Speaker Aggregation

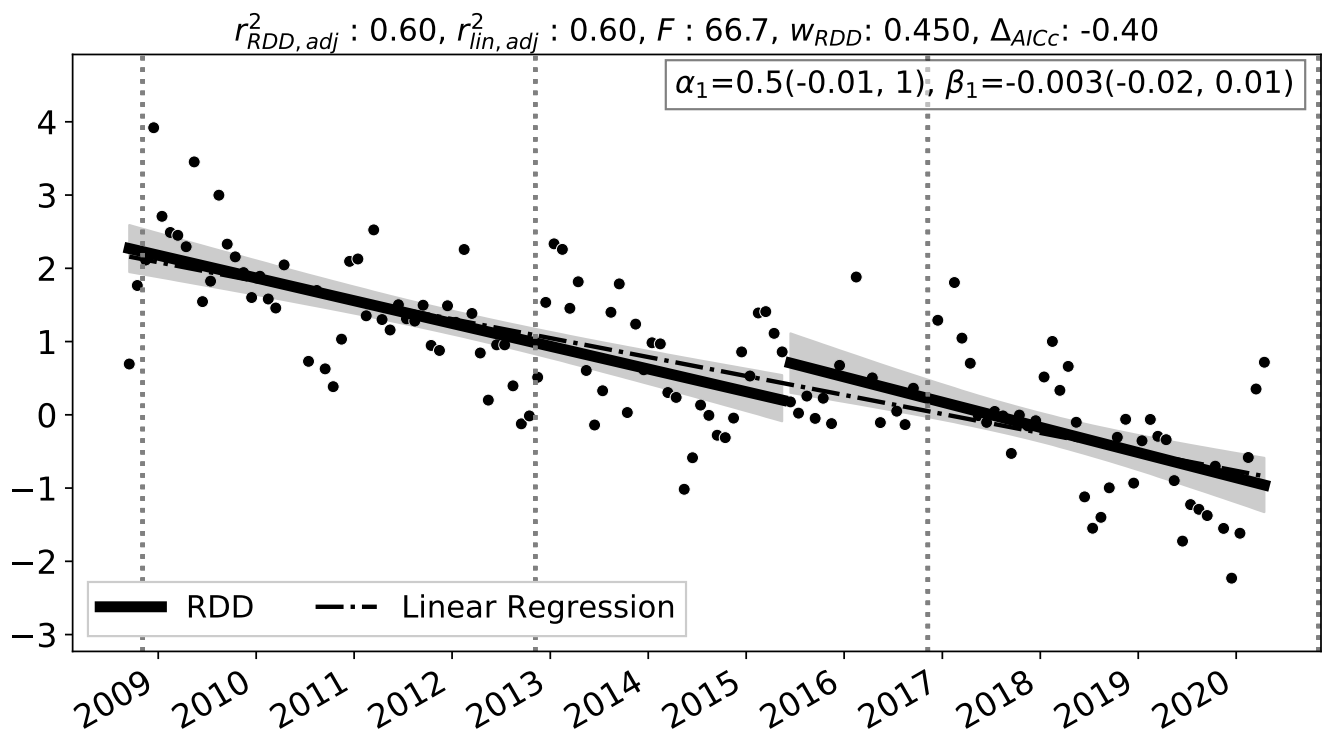


Fig. S33. Tentativeness: Speaker Aggregation

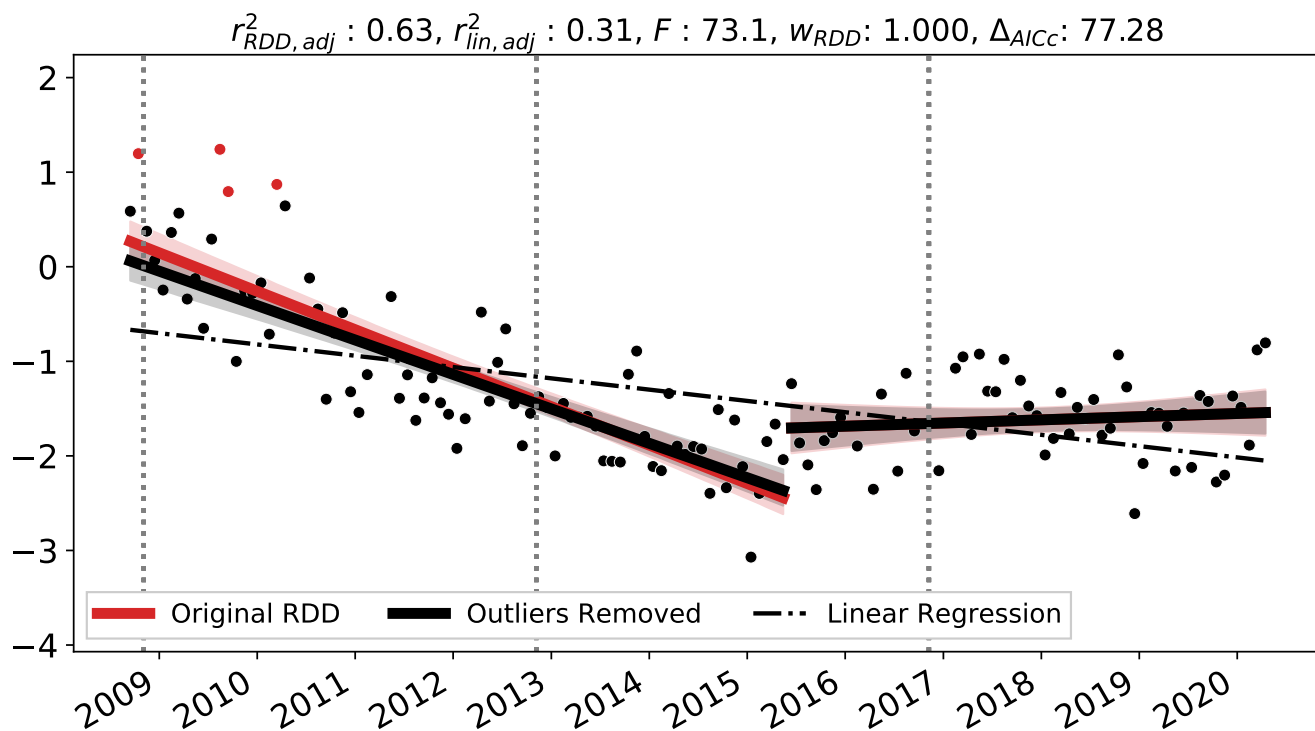


Fig. S34. Neg. Emotion (empath): Speaker Aggregation (Outliers removed)

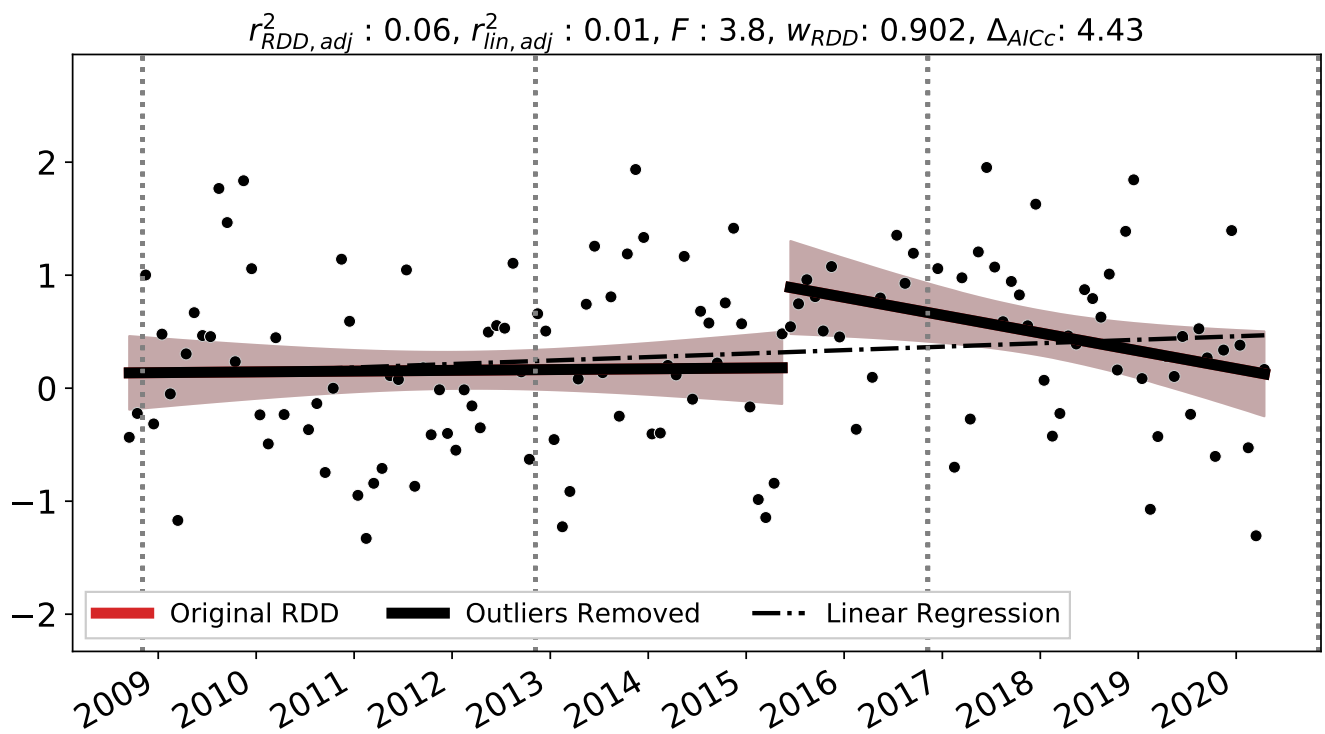


Fig. S35. Pos. Emotion (empath): Speaker Aggregation (Outliers removed)

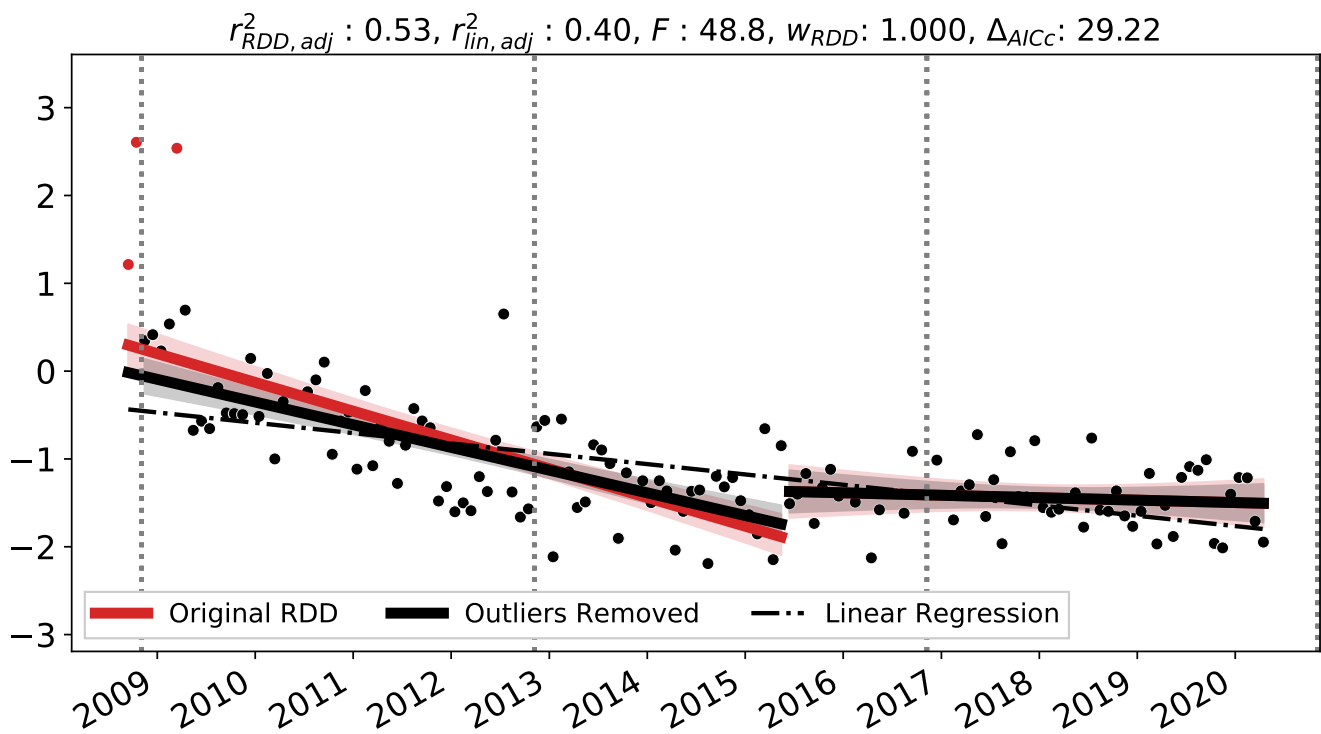


Fig. S36. Swearing (empath): Speaker Aggregation (Outliers removed)

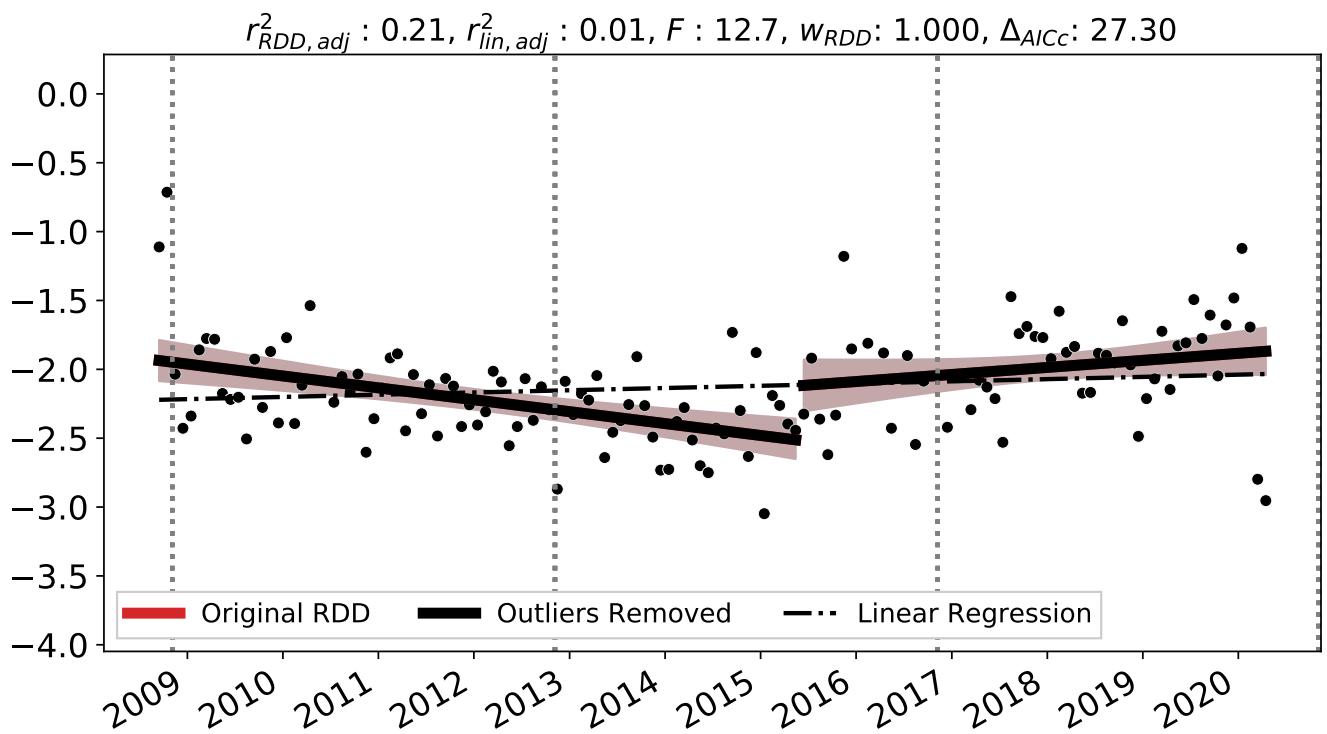


Fig. S37. Anger: Speaker Aggregation (Outliers removed)

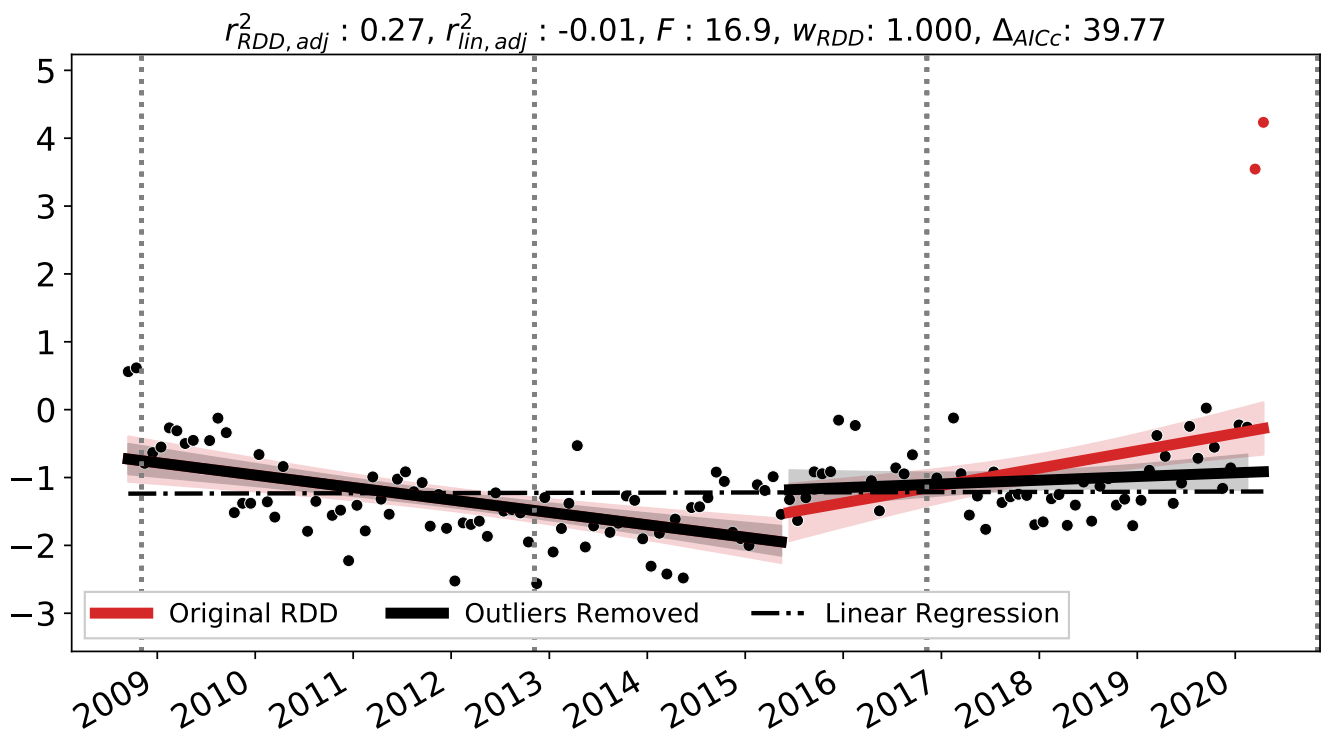


Fig. S38. Anxiety: Speaker Aggregation (Outliers removed)

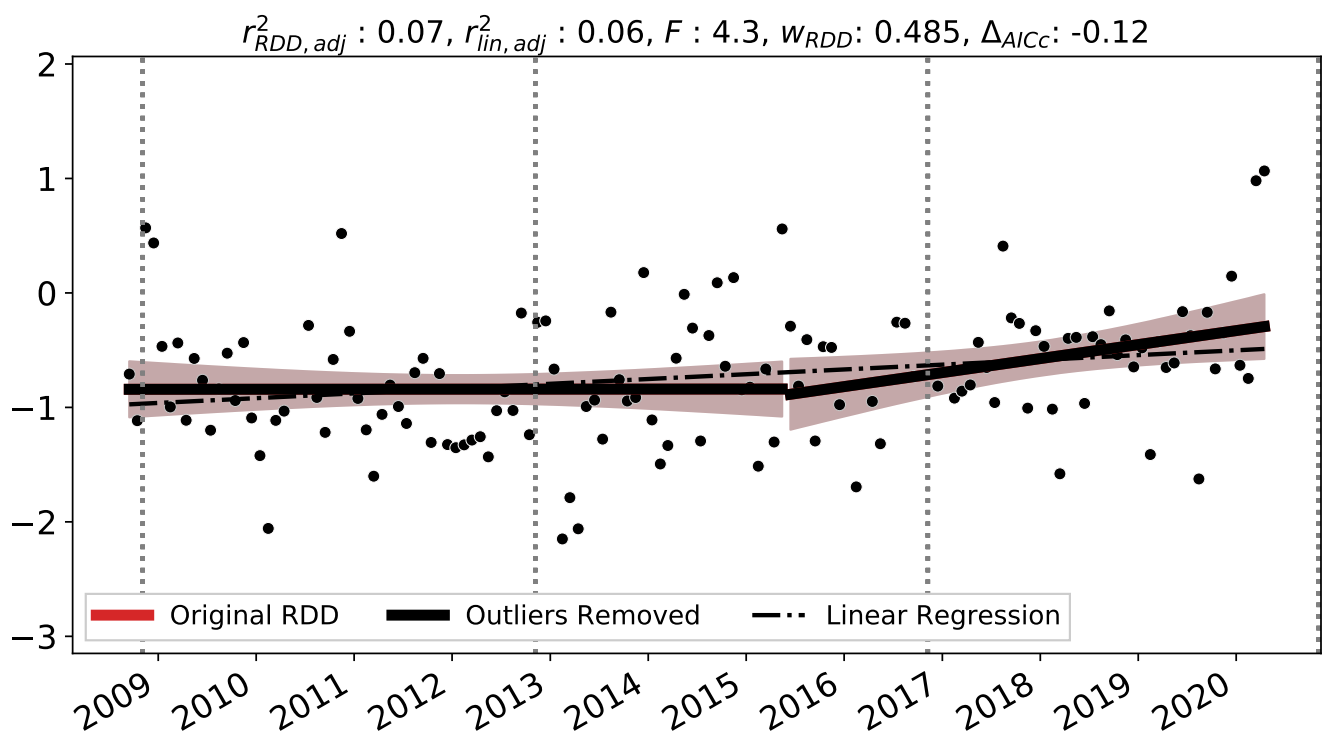


Fig. S39. Certainty: Speaker Aggregation (Outliers removed)

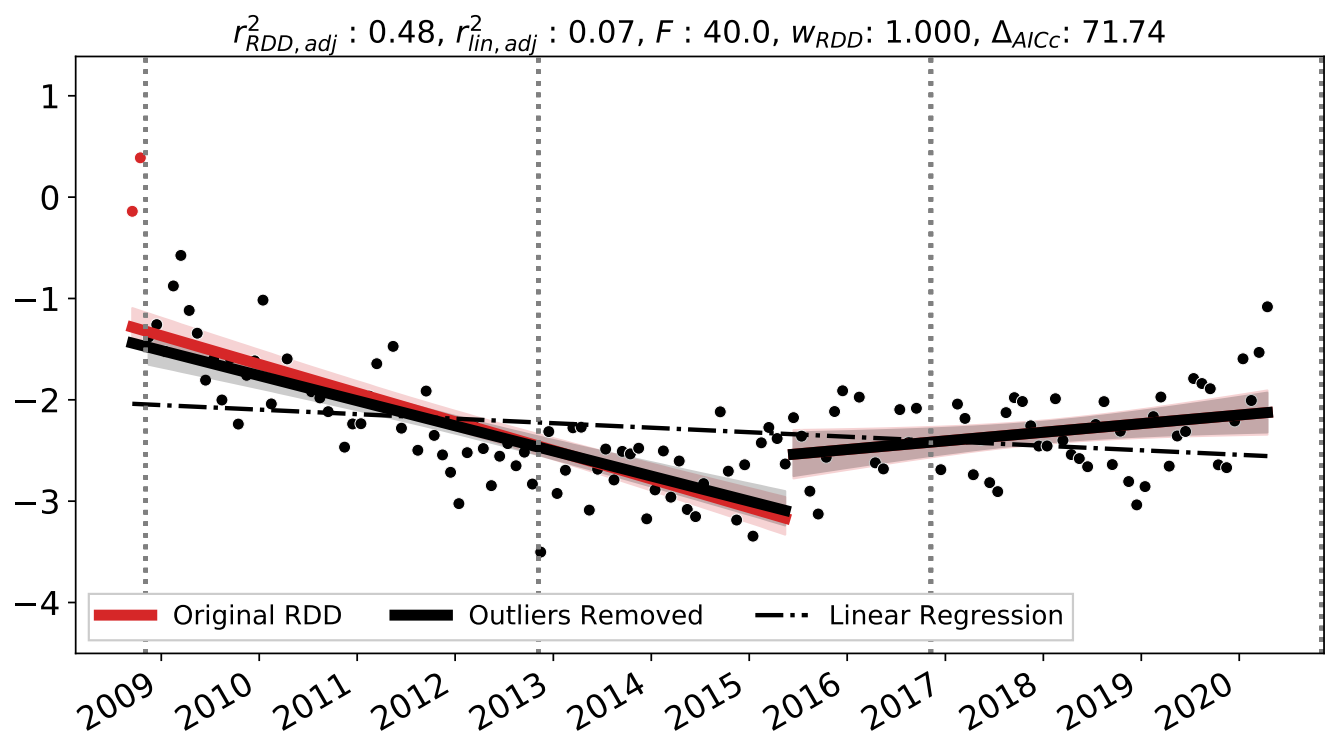


Fig. S40. Negative Emotions: Speaker Aggregation (Outliers removed)

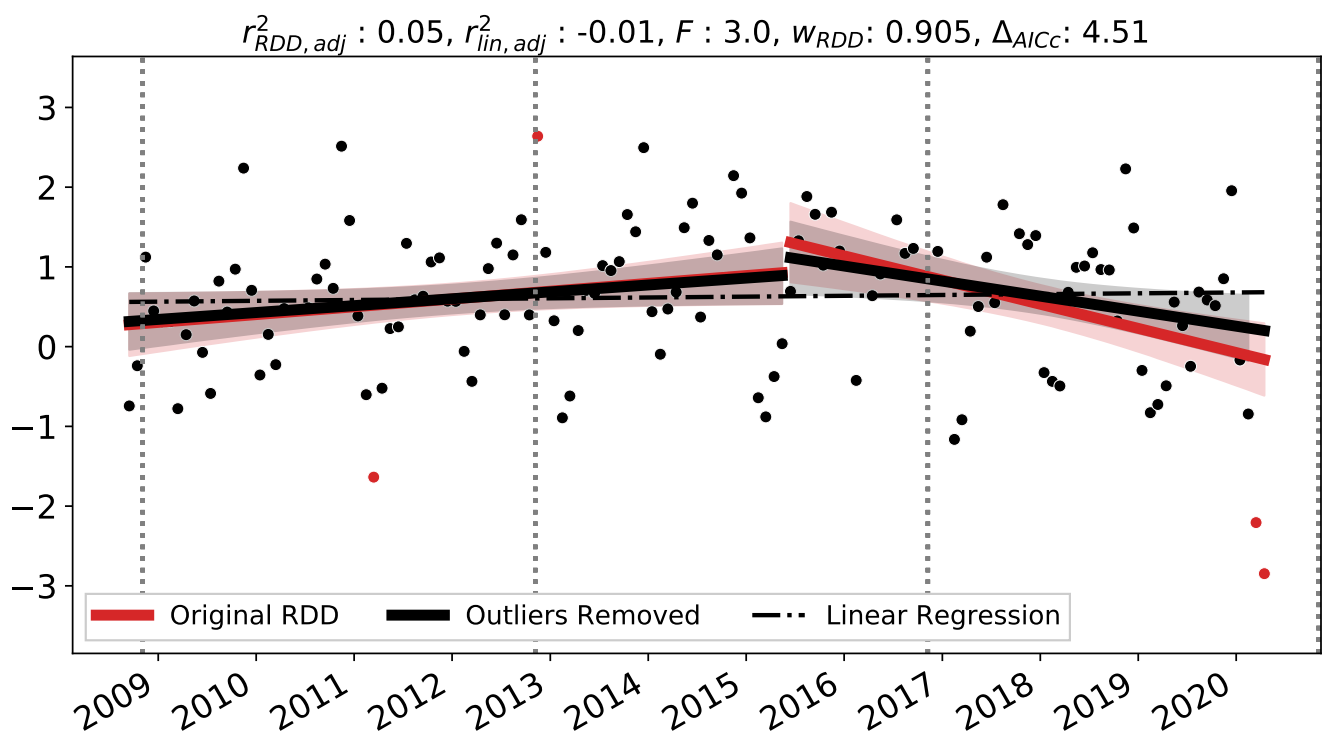


Fig. S41. Positive Emotions: Speaker Aggregation (Outliers removed)

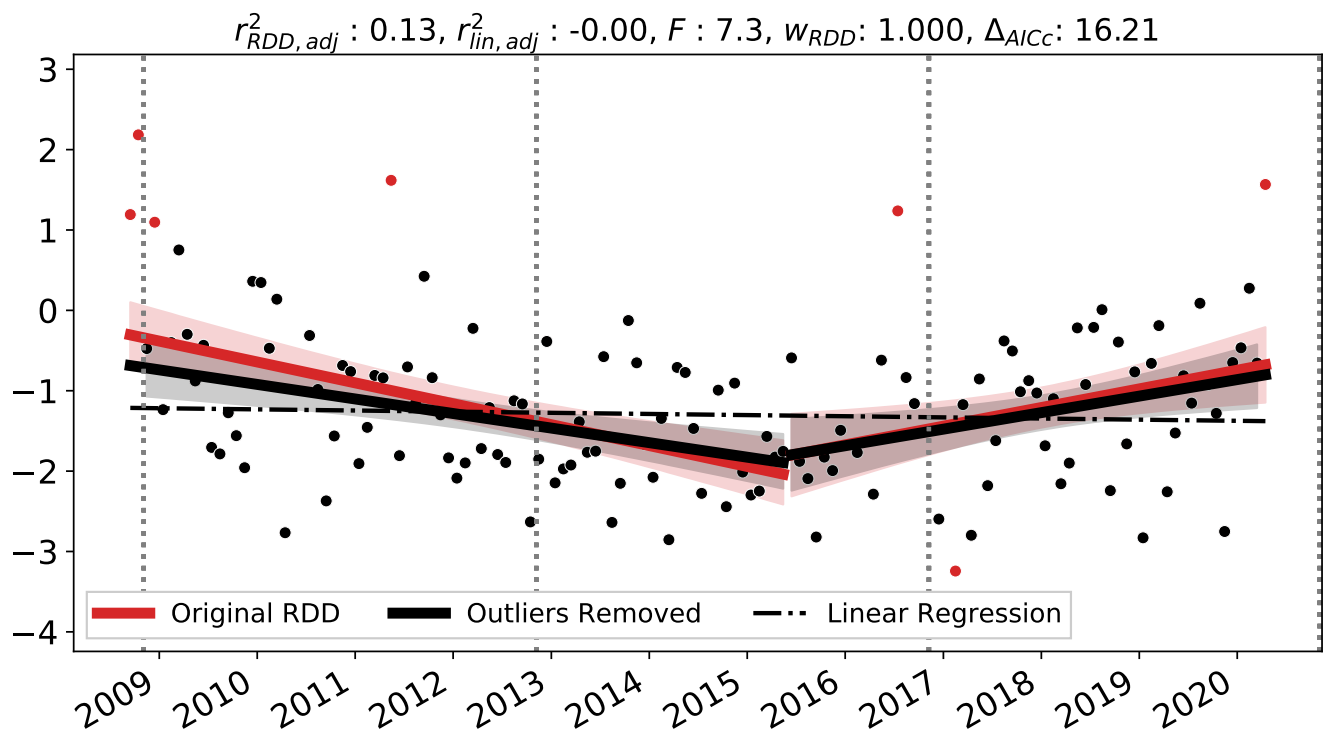


Fig. S42. Sadness: Speaker Aggregation (Outliers removed)

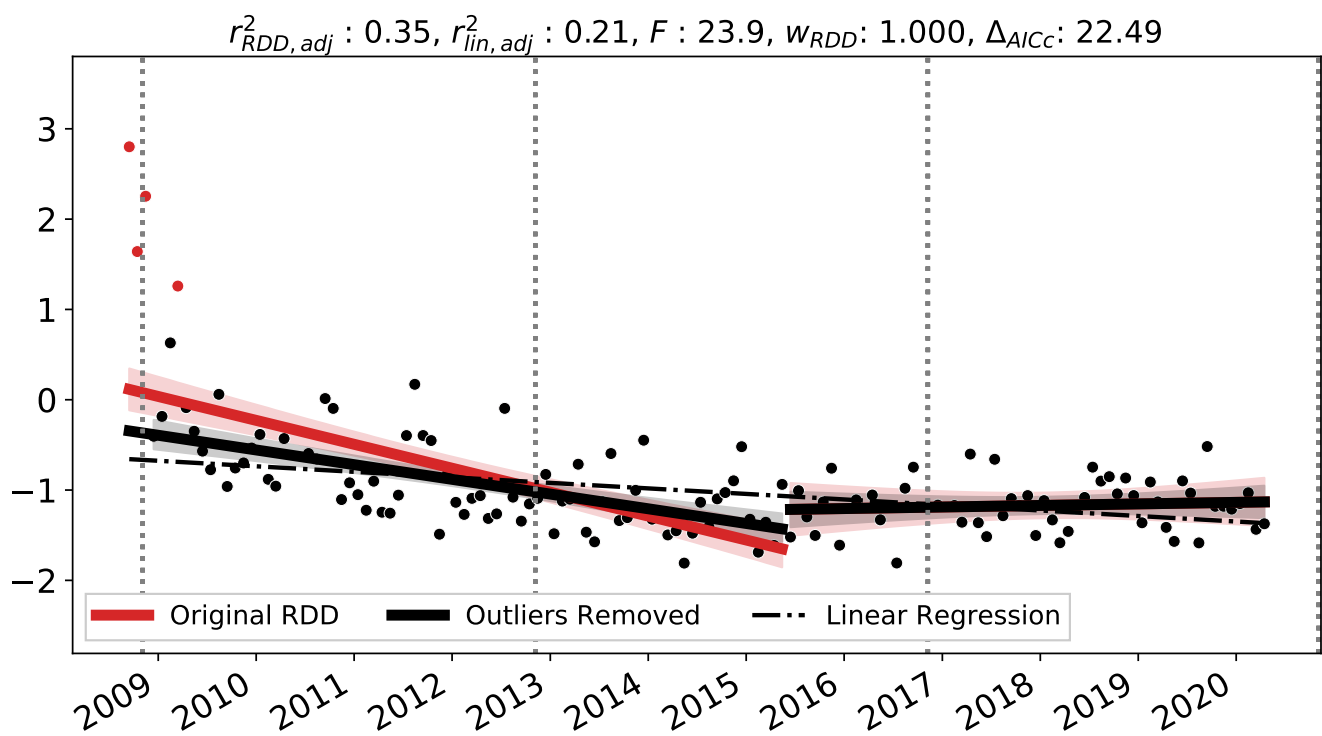


Fig. S43. Swearing Terms: Speaker Aggregation (Outliers removed)

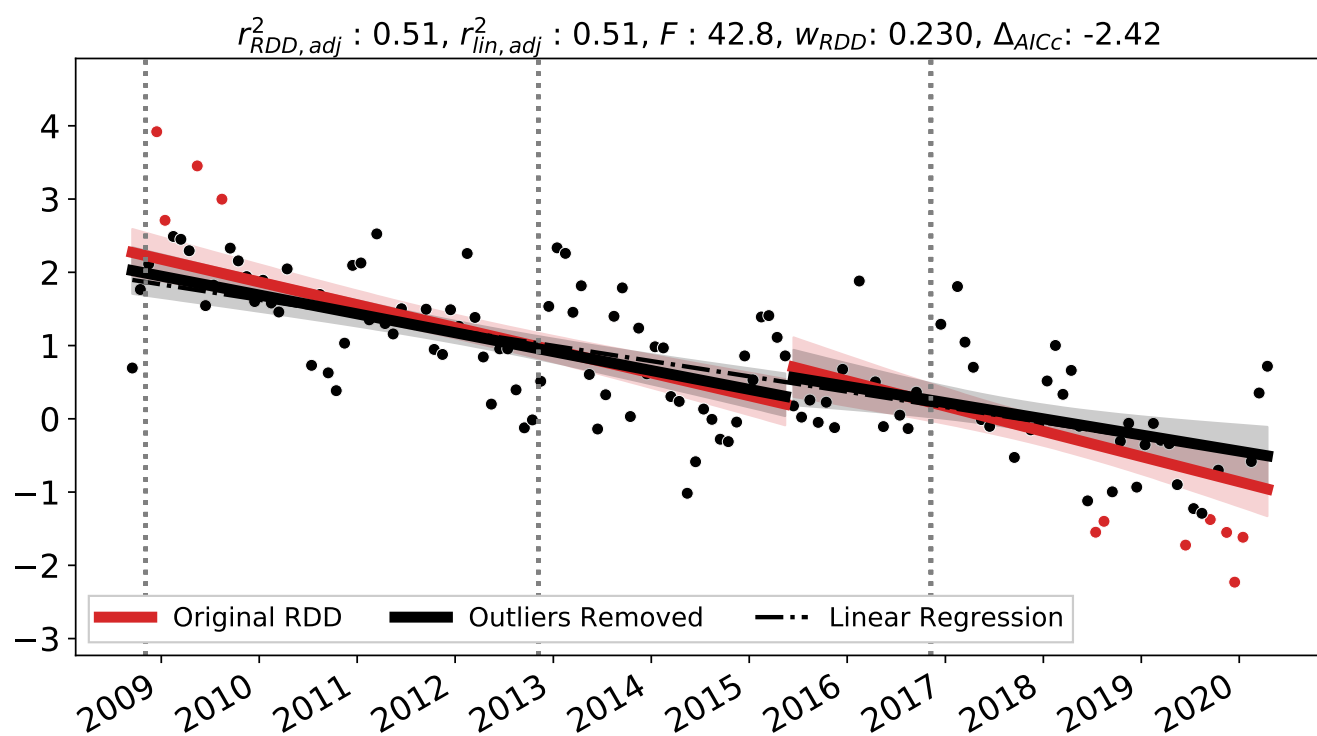


Fig. S44. Tentativeness: Speaker Aggregation (Outliers removed)

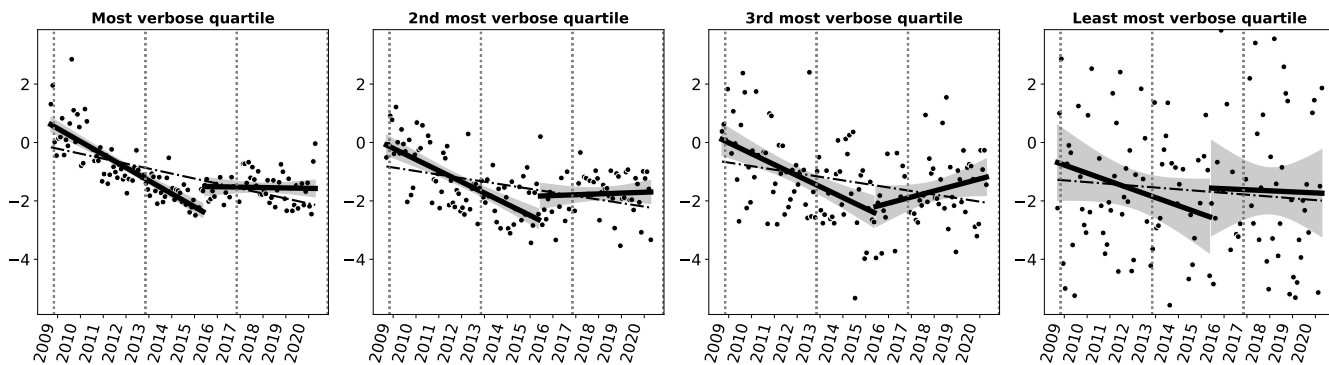


Fig. S45. Neg. Emotion (empath): Speaker Aggregation with Speakers Divided in Verbosity Quartiles

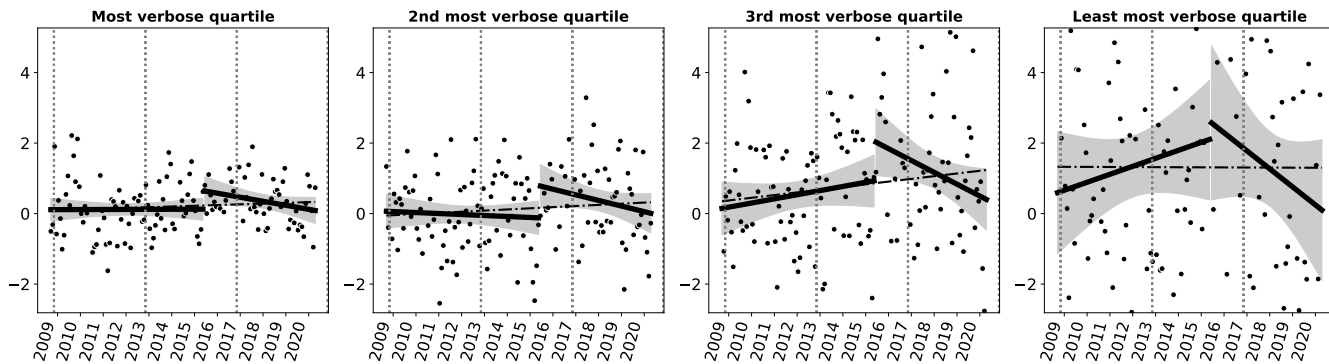


Fig. S46. Pos. Emotion (empath): Speaker Aggregation with Speakers Divided in Verbosity Quartiles

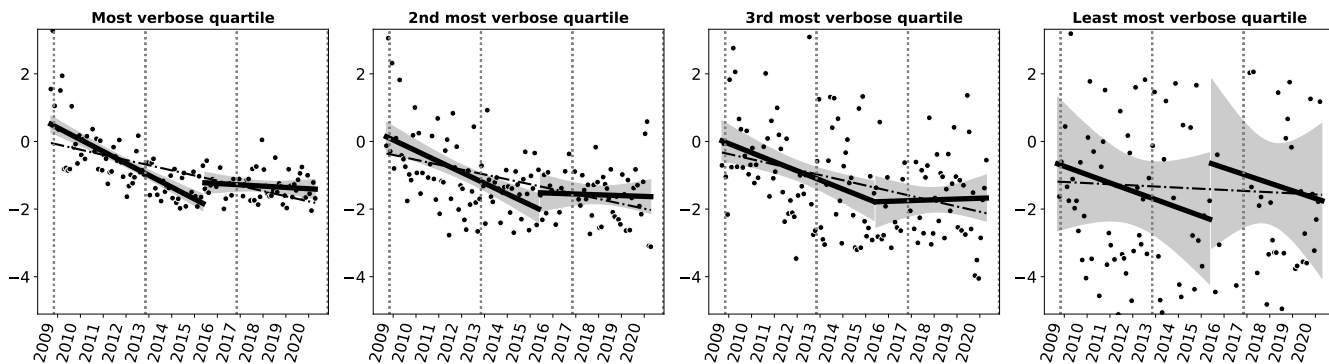


Fig. S47. Swearing (empath): Speaker Aggregation with Speakers Divided in Verbosity Quartiles

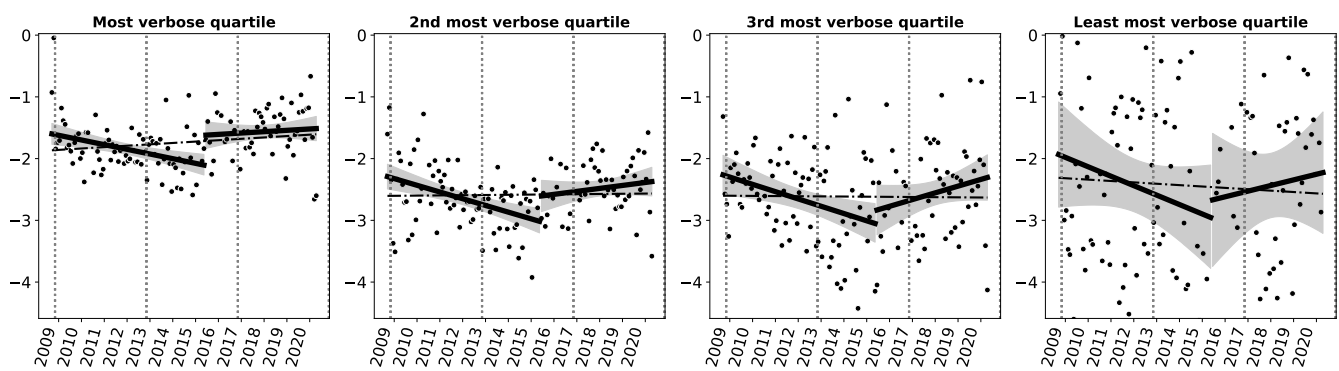


Fig. S48. Anger: Speaker Aggregation with Speakers Divided in Verbosity Quartiles

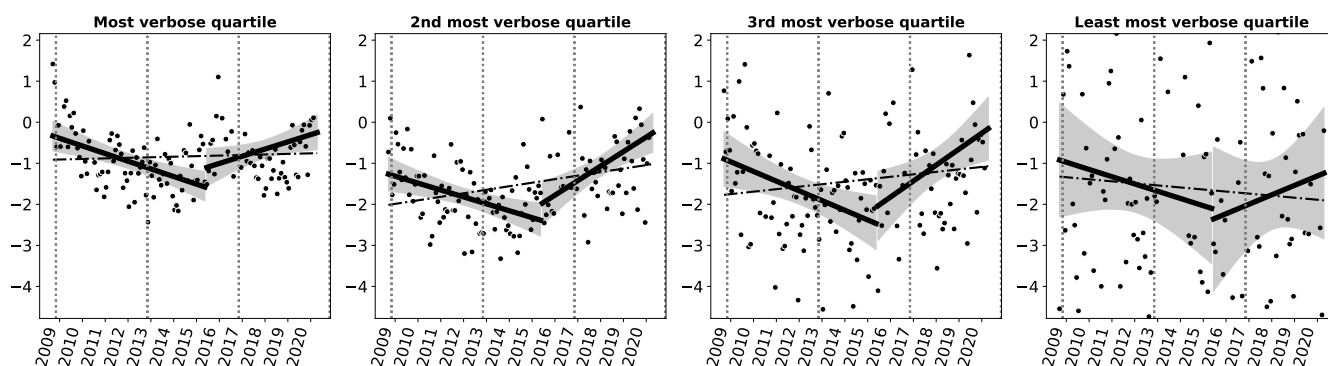


Fig. S49. Anxiety: Speaker Aggregation with Speakers Divided in Verbosity Quartiles

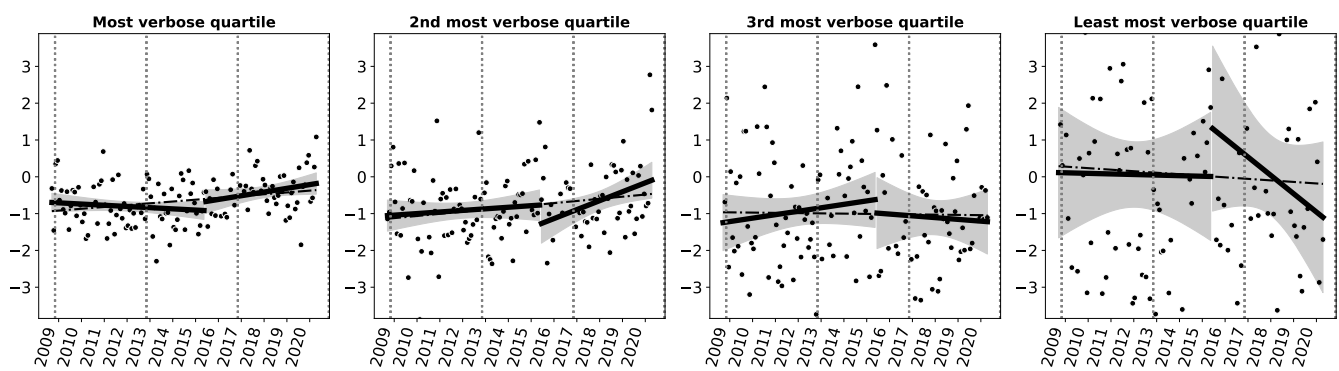


Fig. S50. Certainty: Speaker Aggregation with Speakers Divided in Verbiage Quartiles

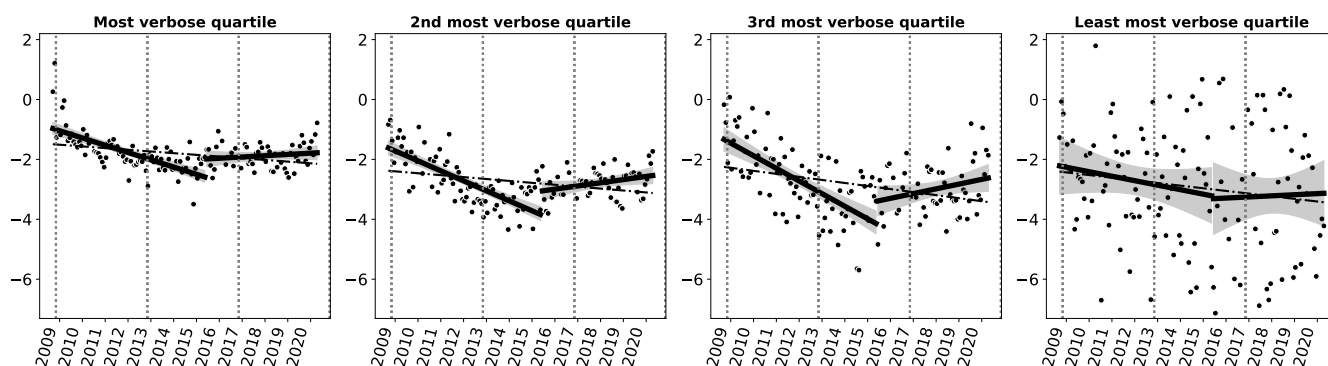


Fig. S51. Negative Emotions: Speaker Aggregation with Speakers Divided in Verbosity Quartiles

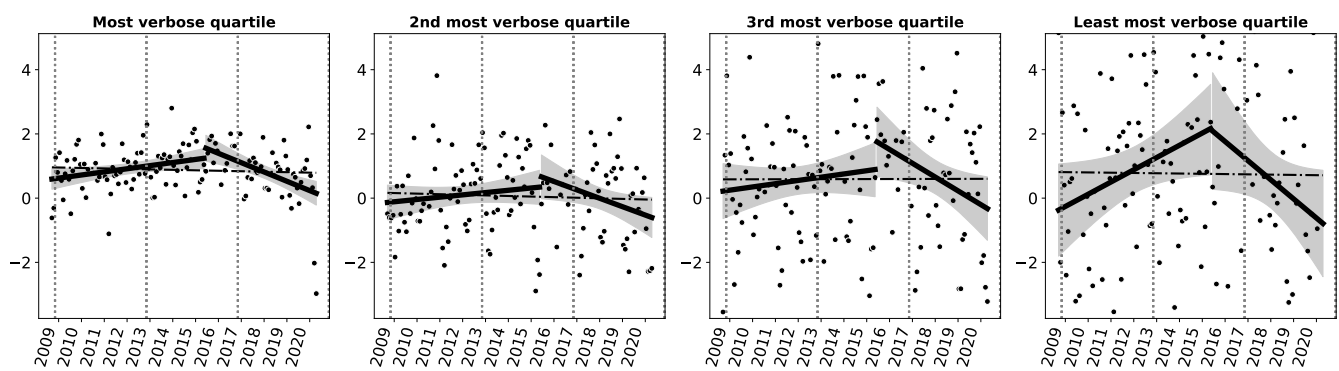


Fig. S52. Positive Emotions: Speaker Aggregation with Speakers Divided in Verbosity Quartiles

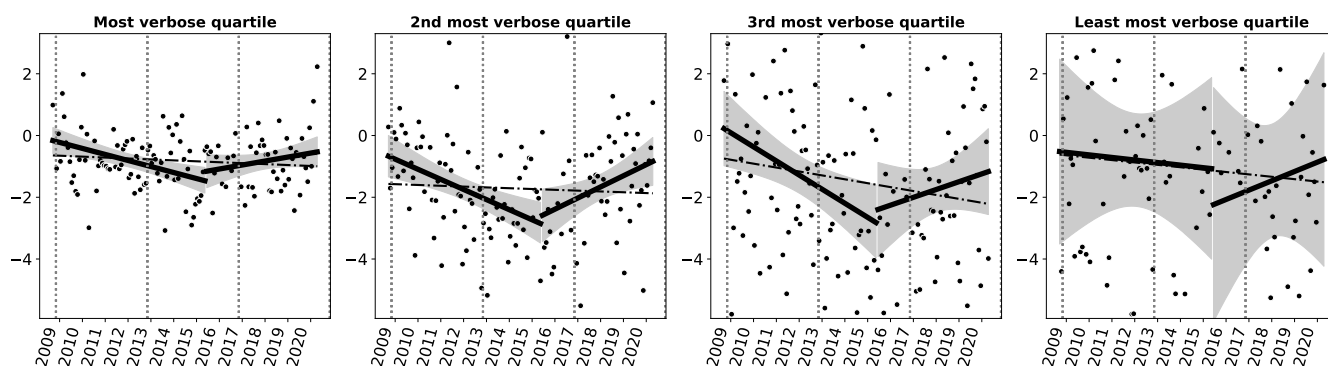


Fig. S53. Sadness: Speaker Aggregation with Speakers Divided in Verbosity Quartiles

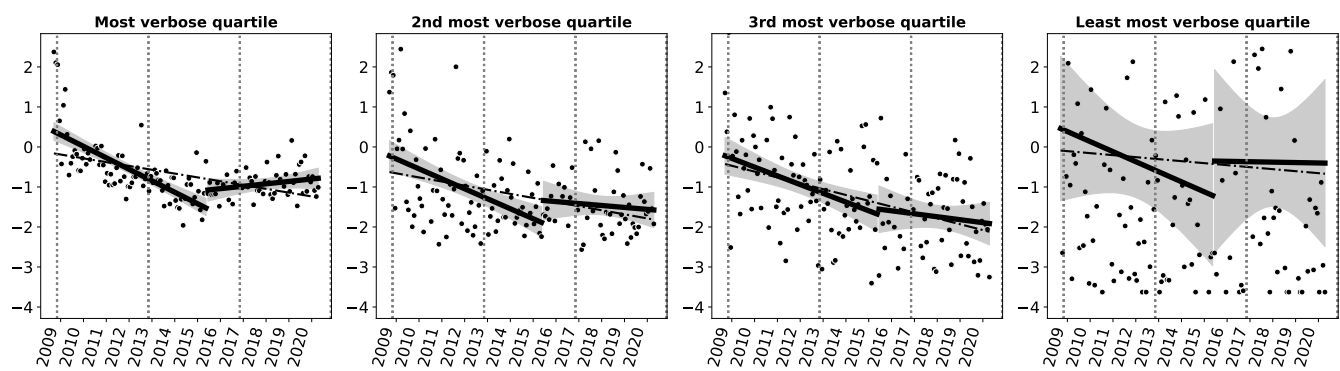


Fig. S54. Swearing Terms: Speaker Aggregation with Speakers Divided in Verbosity Quartiles

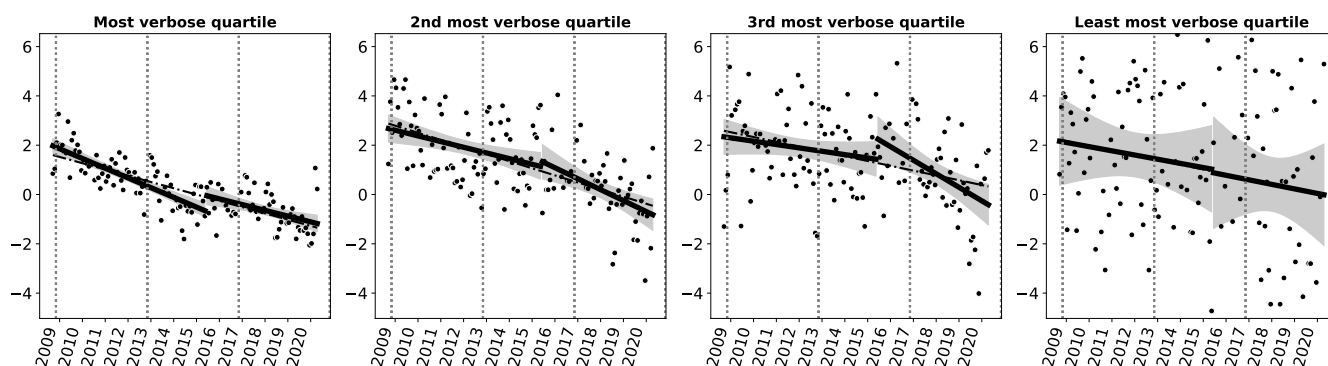


Fig. S55. Tentativeness: Speaker Aggregation with Speakers Divided in Verbosity Quartiles

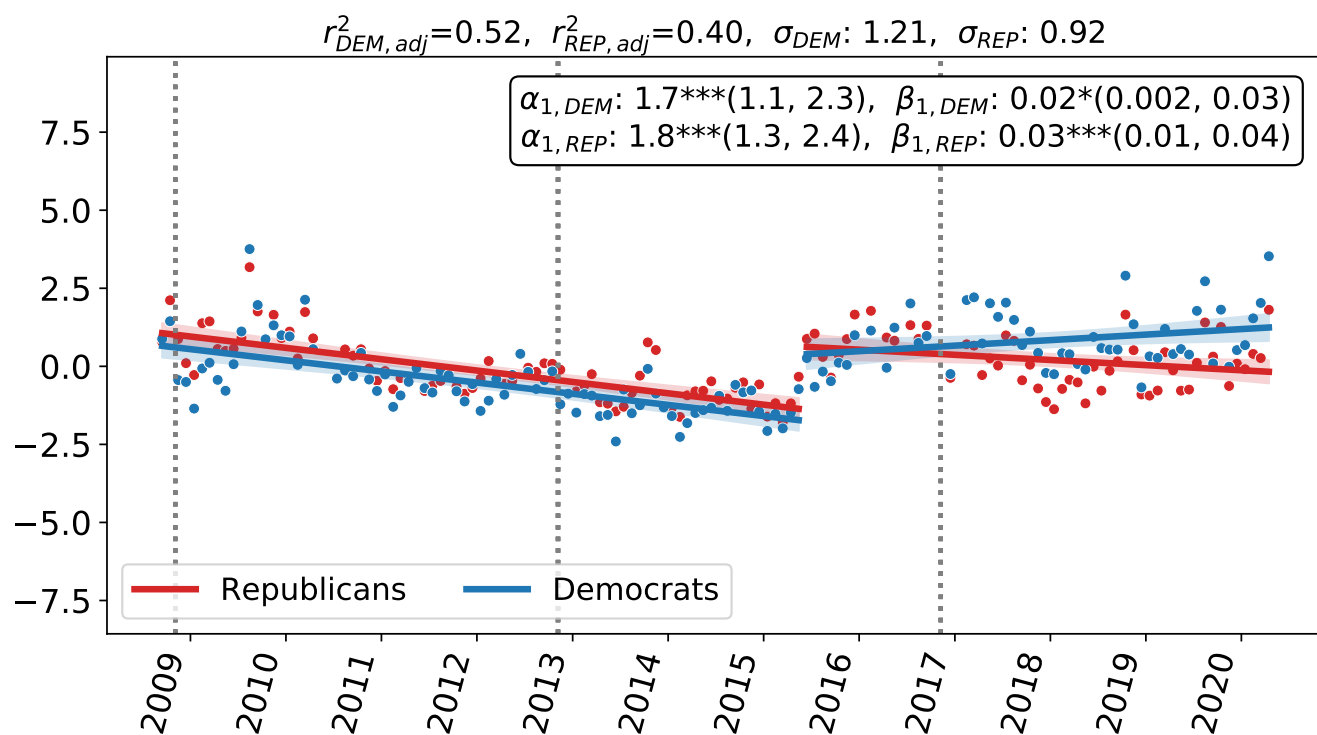


Fig. S56. Neg. Emotion (empath): Quotation Aggregation, Separated for Parties

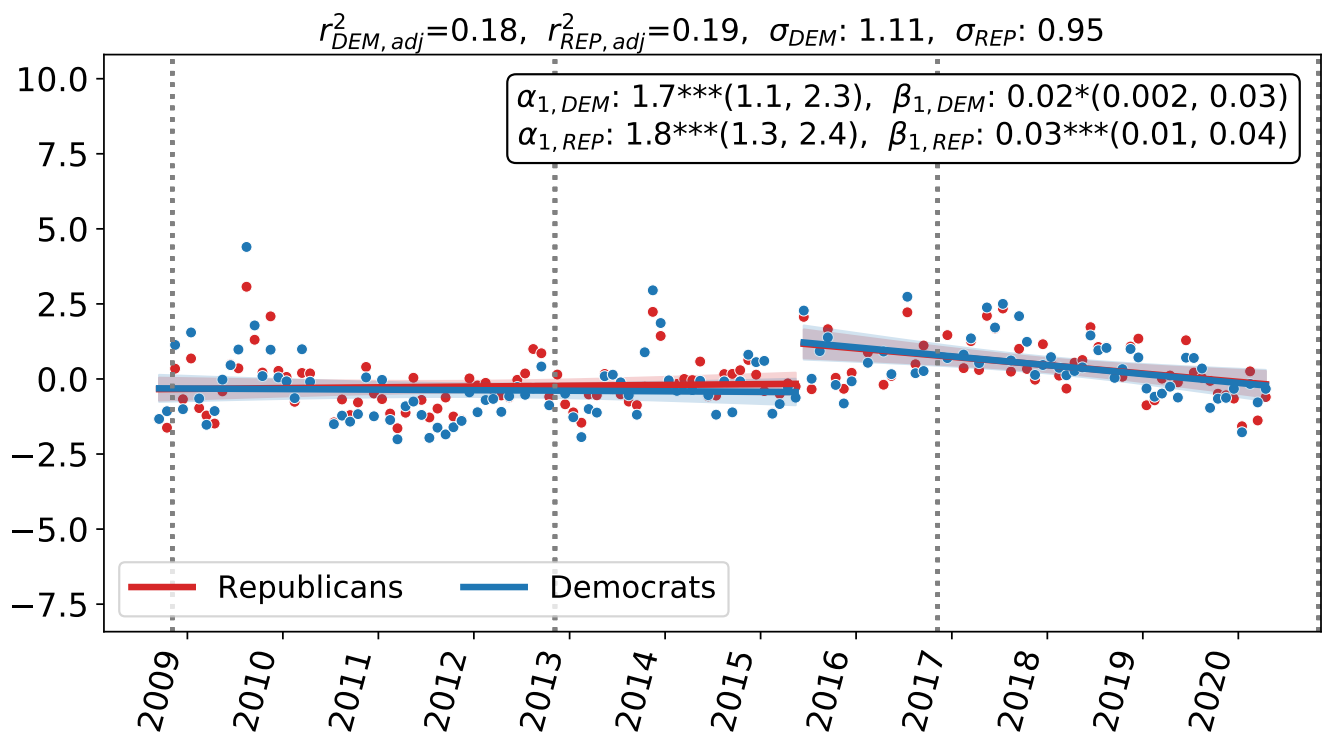


Fig. S57. Pos. Emotion (empath): Quotation Aggregation, Separated for Parties

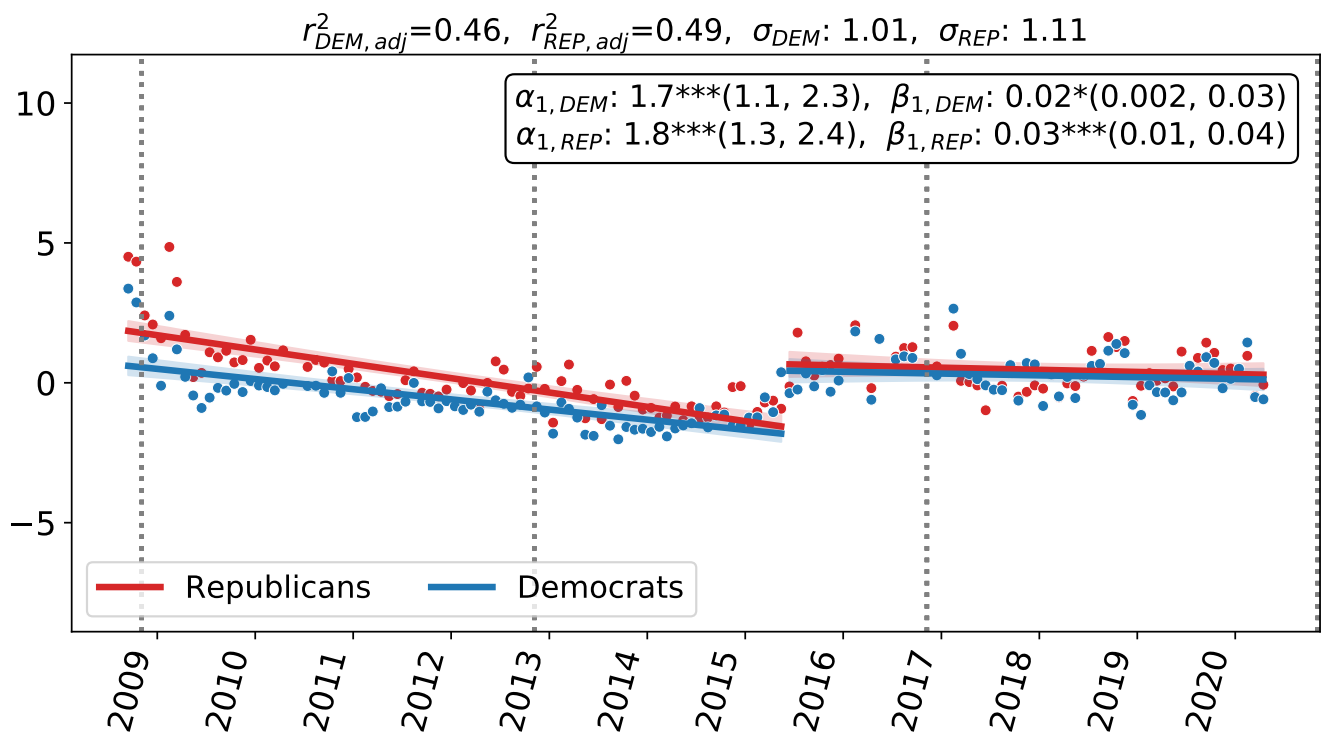


Fig. S58. Swearing (empath): Quotation Aggregation, Separated for Parties

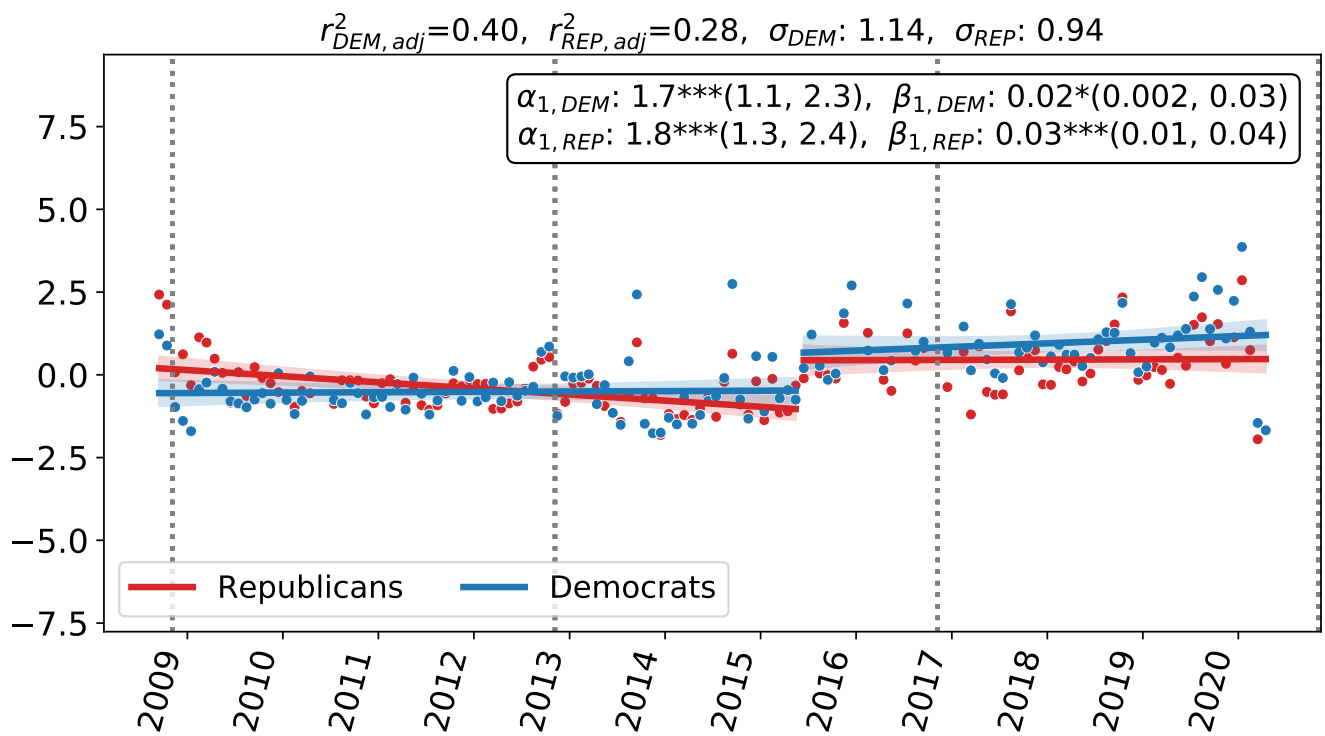


Fig. S59. Anger: Quotation Aggregation, Separated for Parties

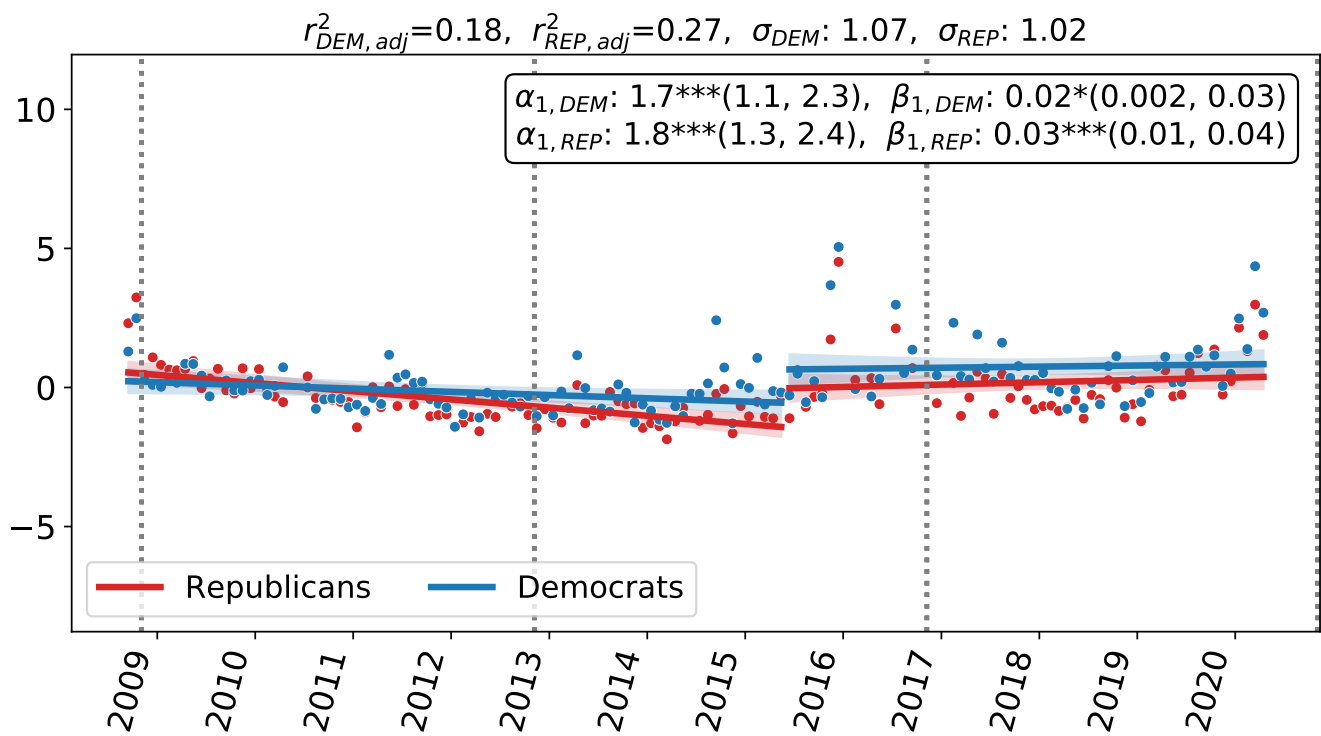


Fig. S60. Anxiety: Quotation Aggregation, Separated for Parties

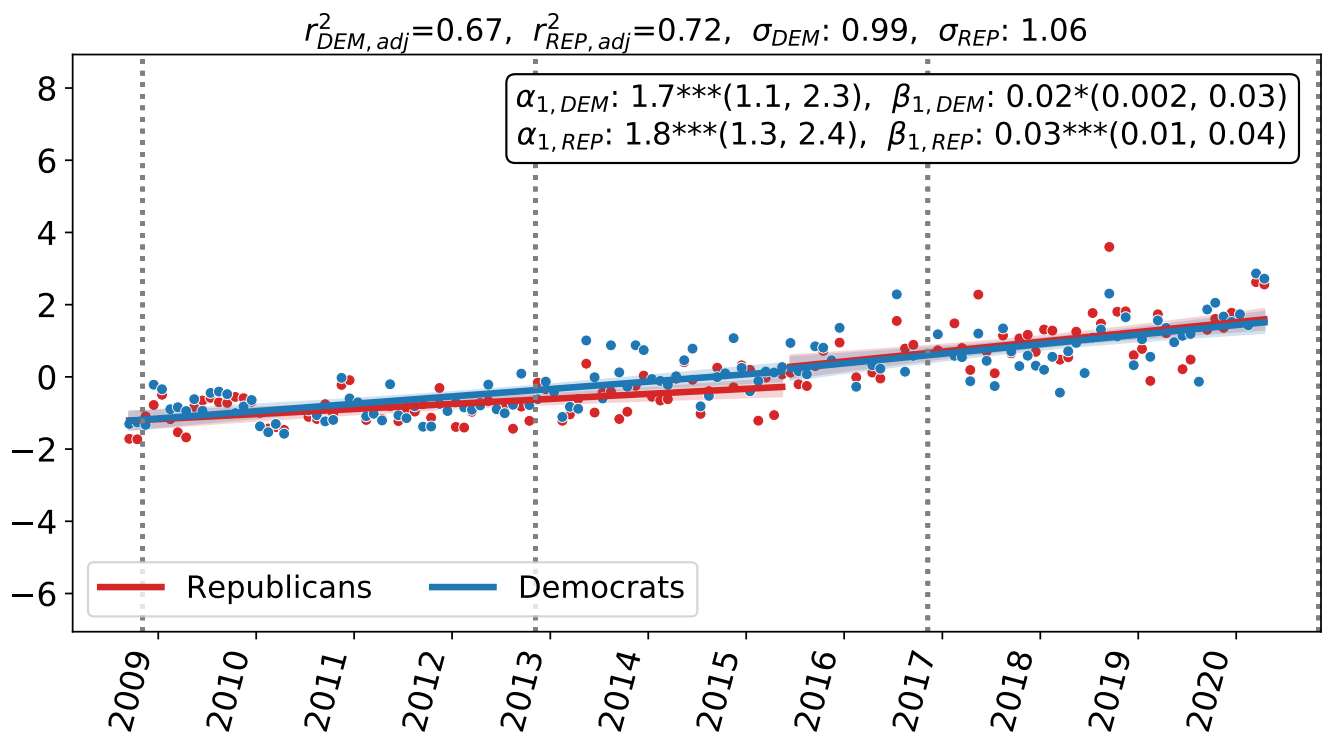


Fig. S61. Certainty: Quotation Aggregation, Separated for Parties

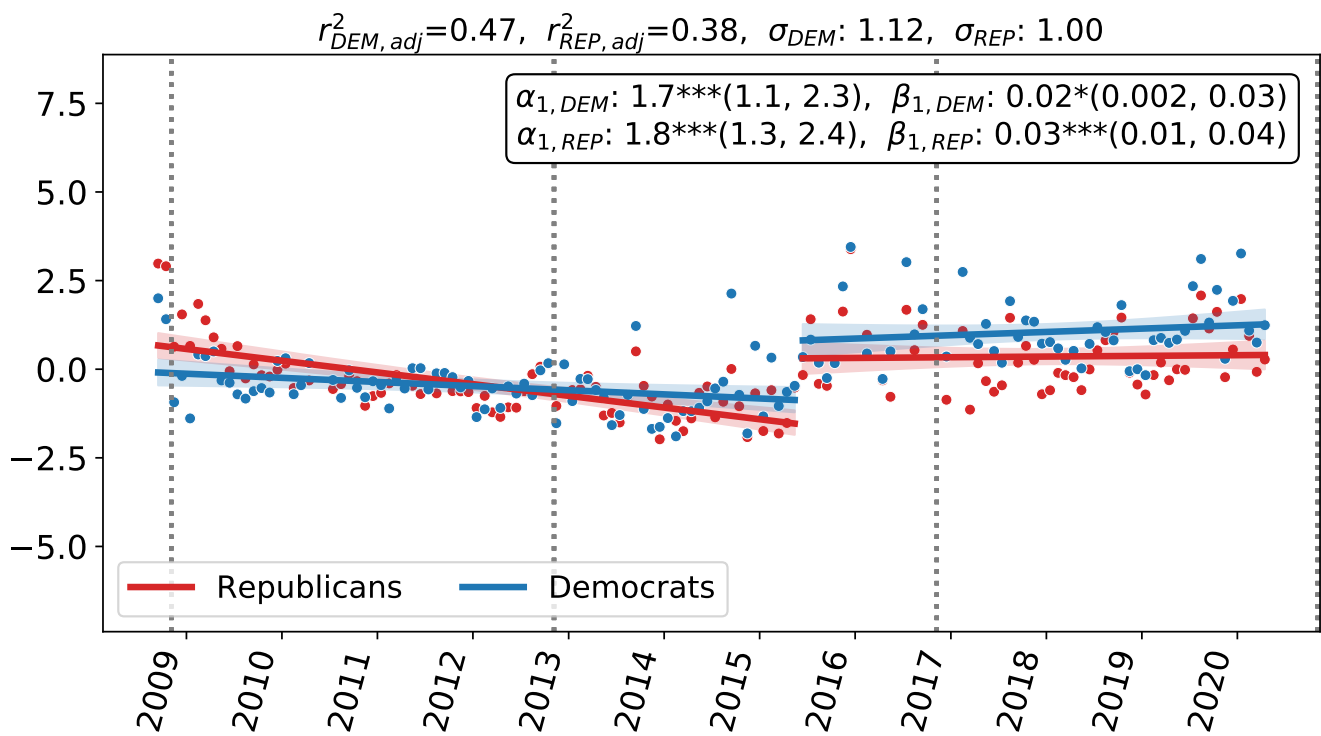


Fig. S62. Negative Emotions: Quotation Aggregation, Separated for Parties

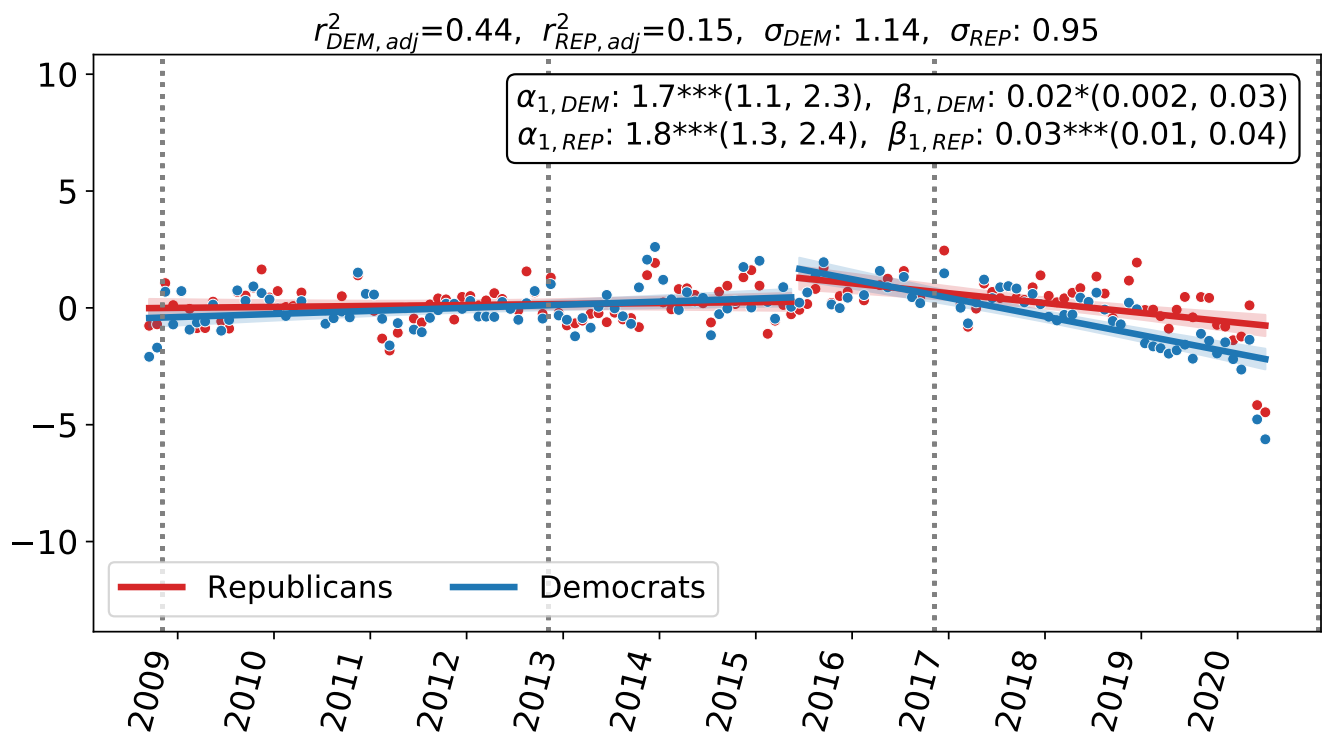


Fig. S63. Positive Emotions: Quotation Aggregation, Separated for Parties

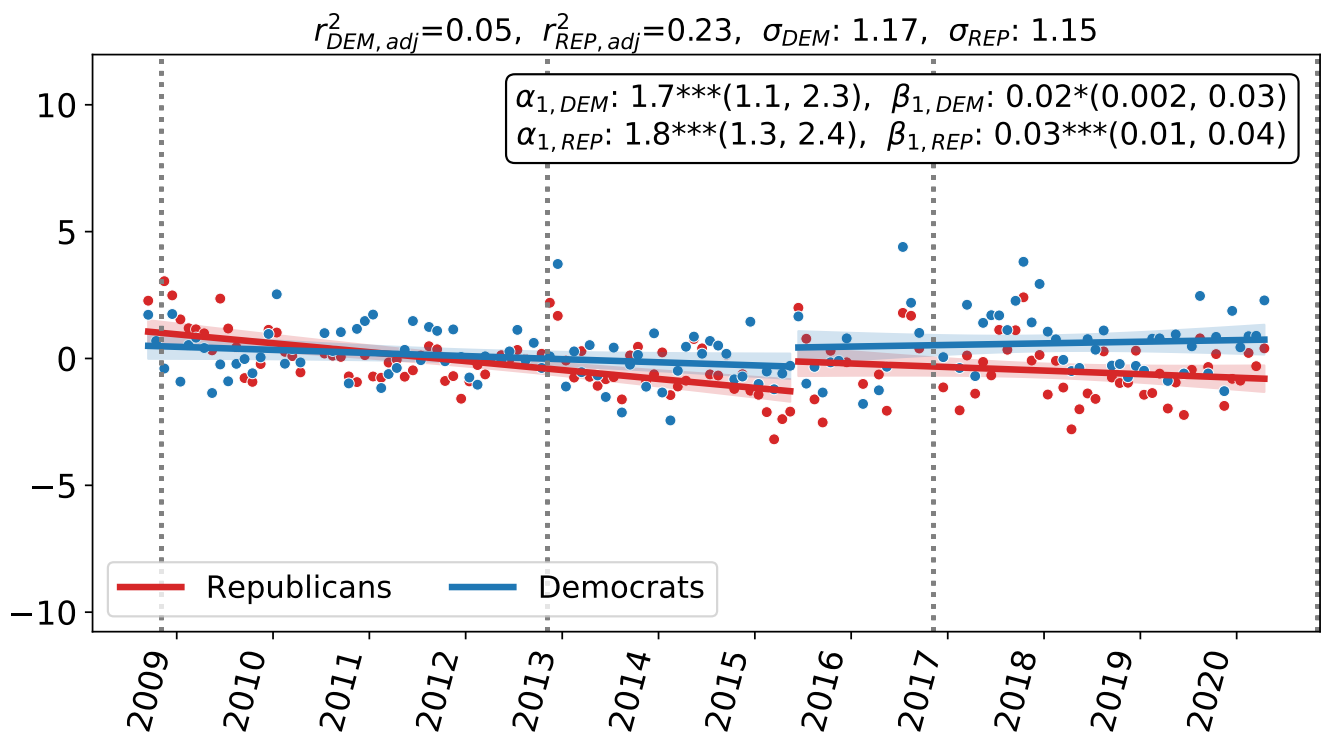


Fig. S64. Sadness: Quotation Aggregation, Separated for Parties

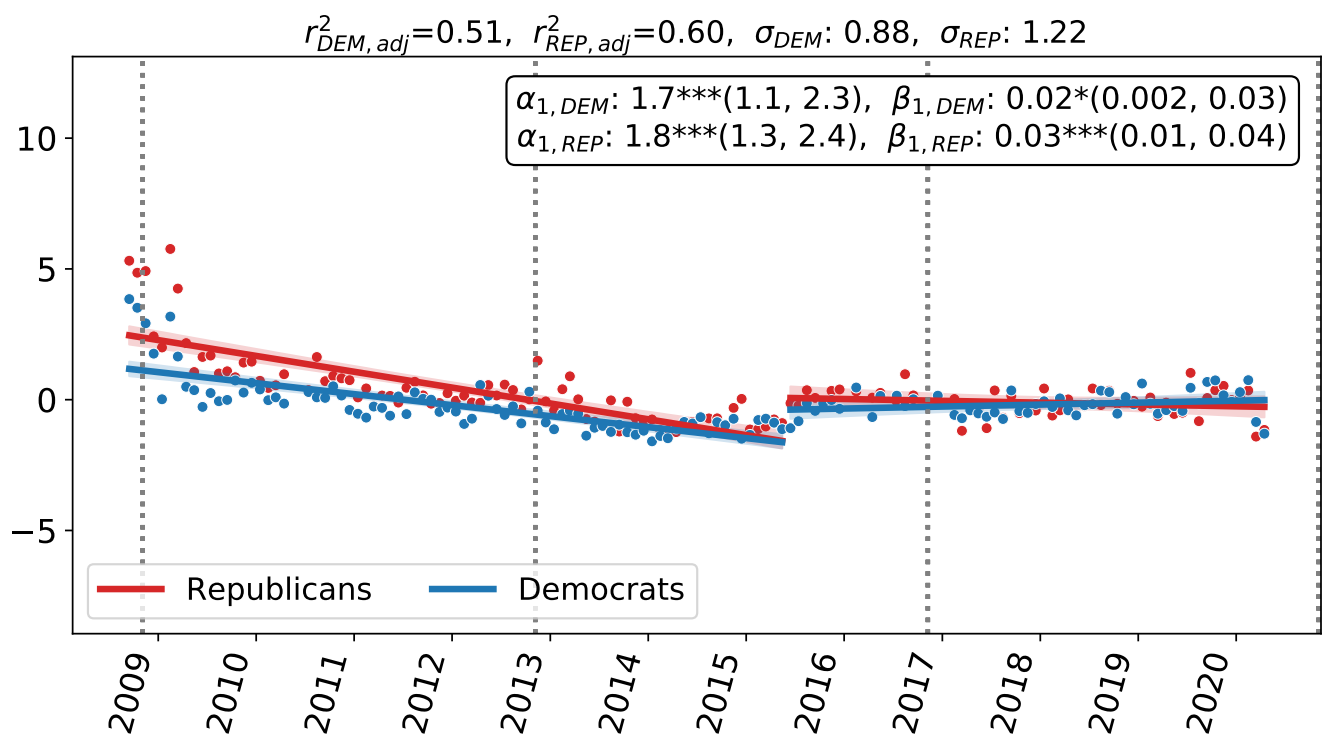


Fig. S65. Swearing Terms: Quotation Aggregation, Separated for Parties

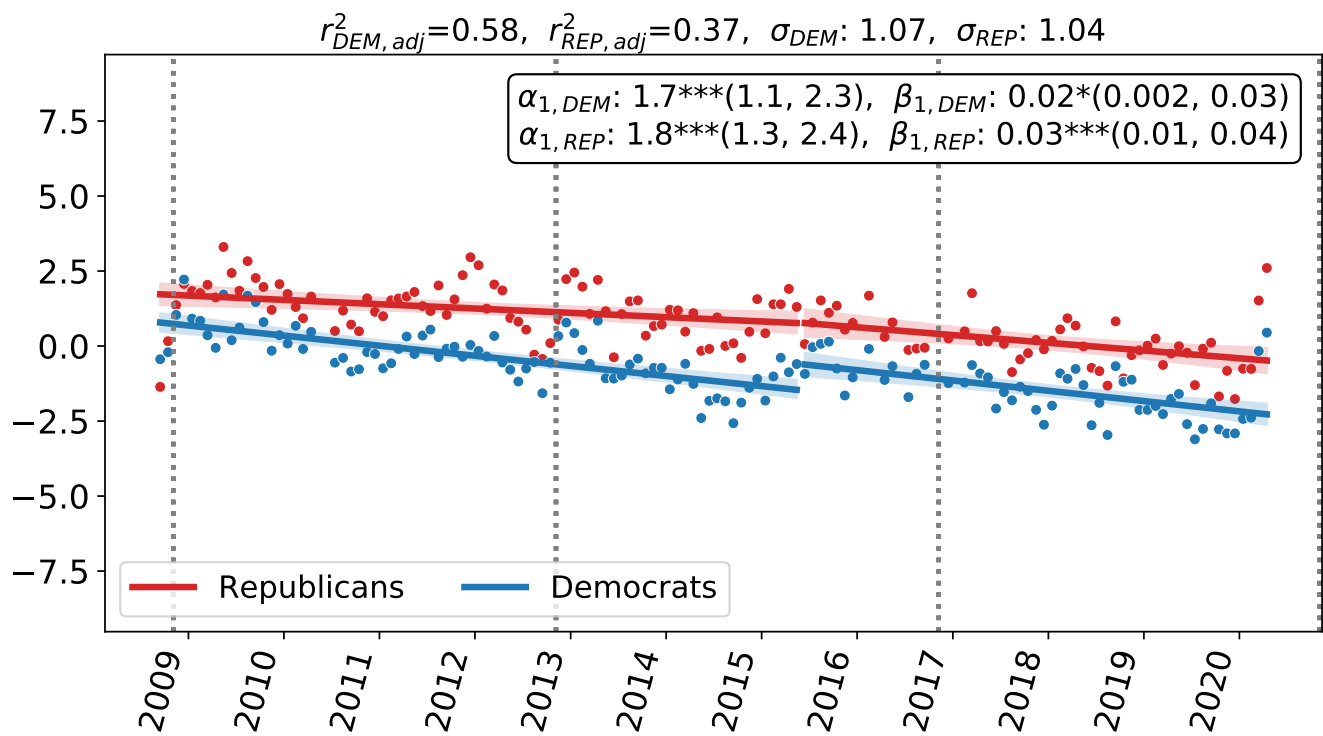


Fig. S66. Tentativeness: Quotation Aggregation, Separated for Parties

Species	CBS	CV	G3
1. Acetaldehyde	0.0	0.0	0.0
2. Vinyl alcohol	9.1	9.6	13.5
3. Hydroxyethylidene	50.8	51.2	54.0

47 **Movie S1.** Type legend for the movie here.

48 **Movie S2.** Type legend for the other movie here. Adding longer text to show what happens, to decide on
49 alignment and/or indentations.

50 **Movie S3.** A third movie, just for kicks.

51 **SI Dataset S1 (dataset_one.txt)**

52 Type or paste legend here.

53 **SI Dataset S2 (dataset_two.txt)**

54 Type or paste legend here. Adding longer text to show what happens, to decide on alignment and/or indentations for
55 multi-line or paragraph captions.