

## Appendix B

Rankings of individual speakers' mean difference between /ʃ/ and /ç/ for each acoustic parameter, separated by vowel context. One speaker, NP, was excluded due to missing productions in the /a/ context.

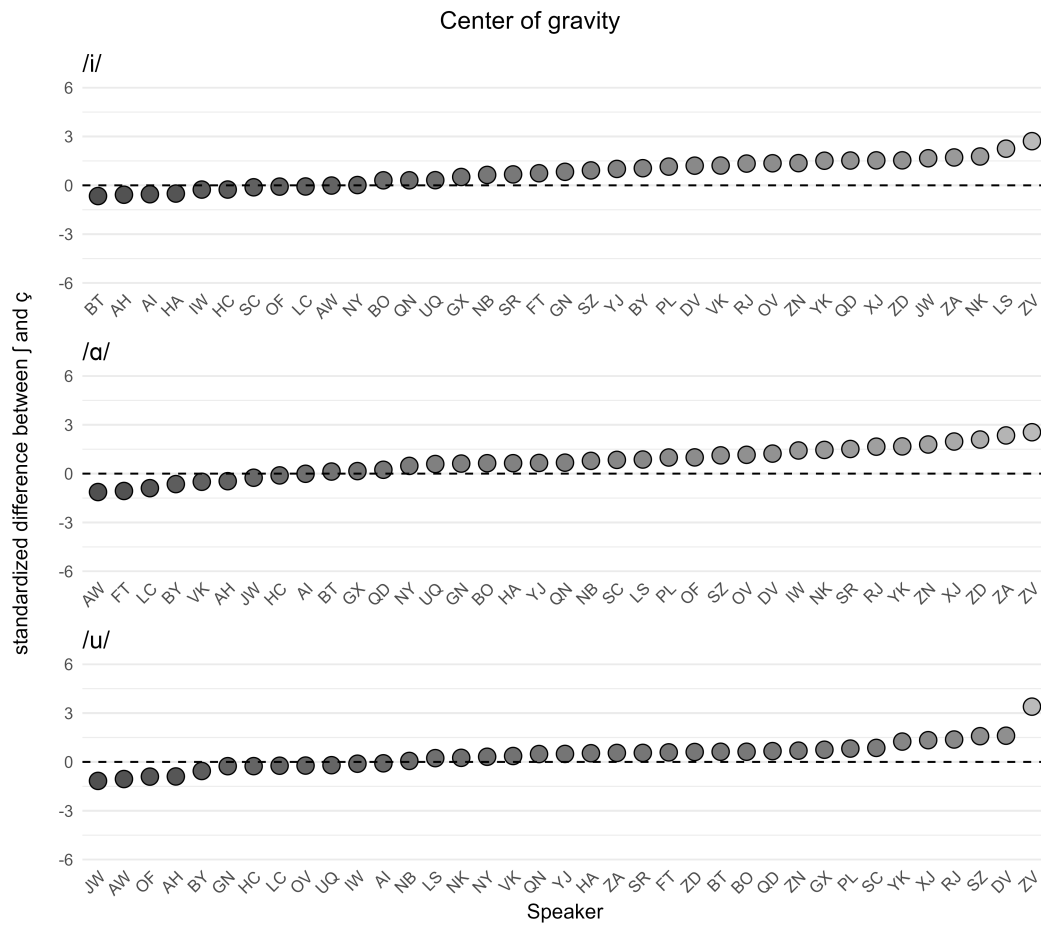


Figure A1: Individual speakers' mean difference between /ʃ/ and /ç/ for center of gravity, separated by vowel context.

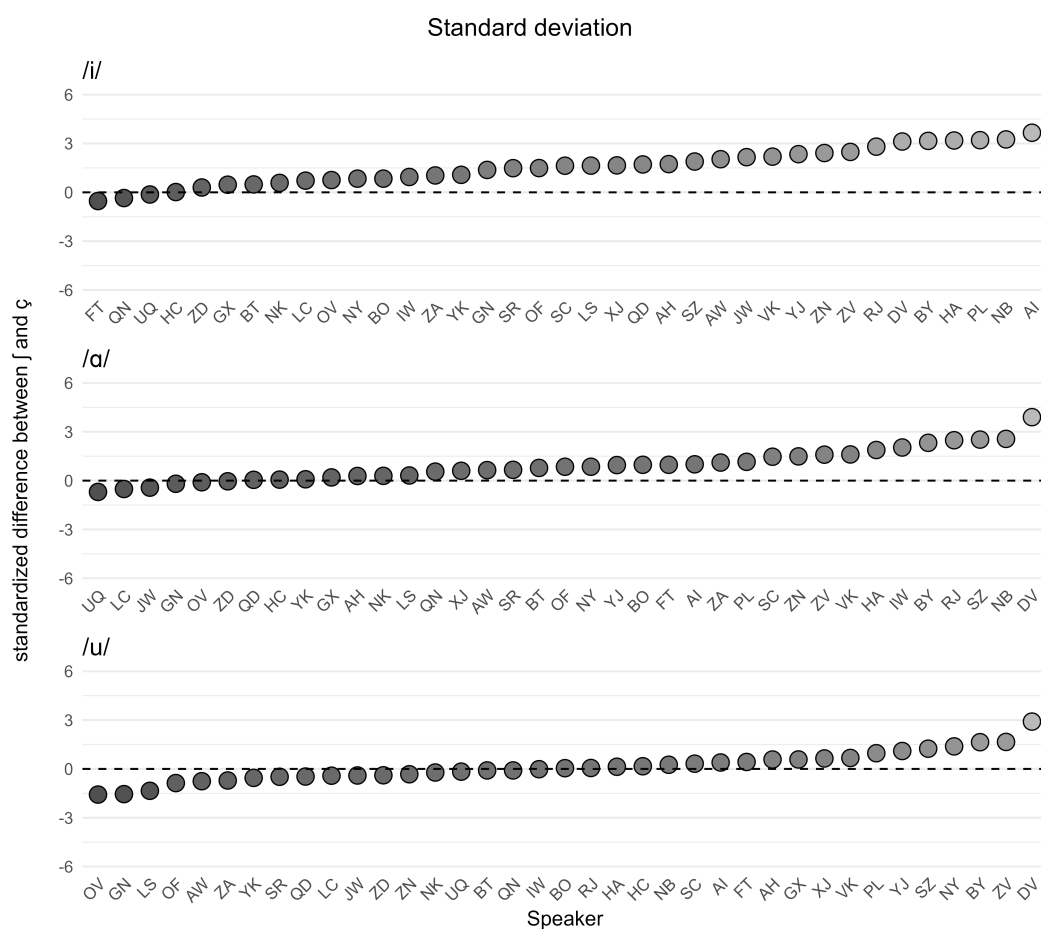


Figure A2: Individual speakers' mean difference between /j/ and /ç/ for standard deviation, separated by vowel context.

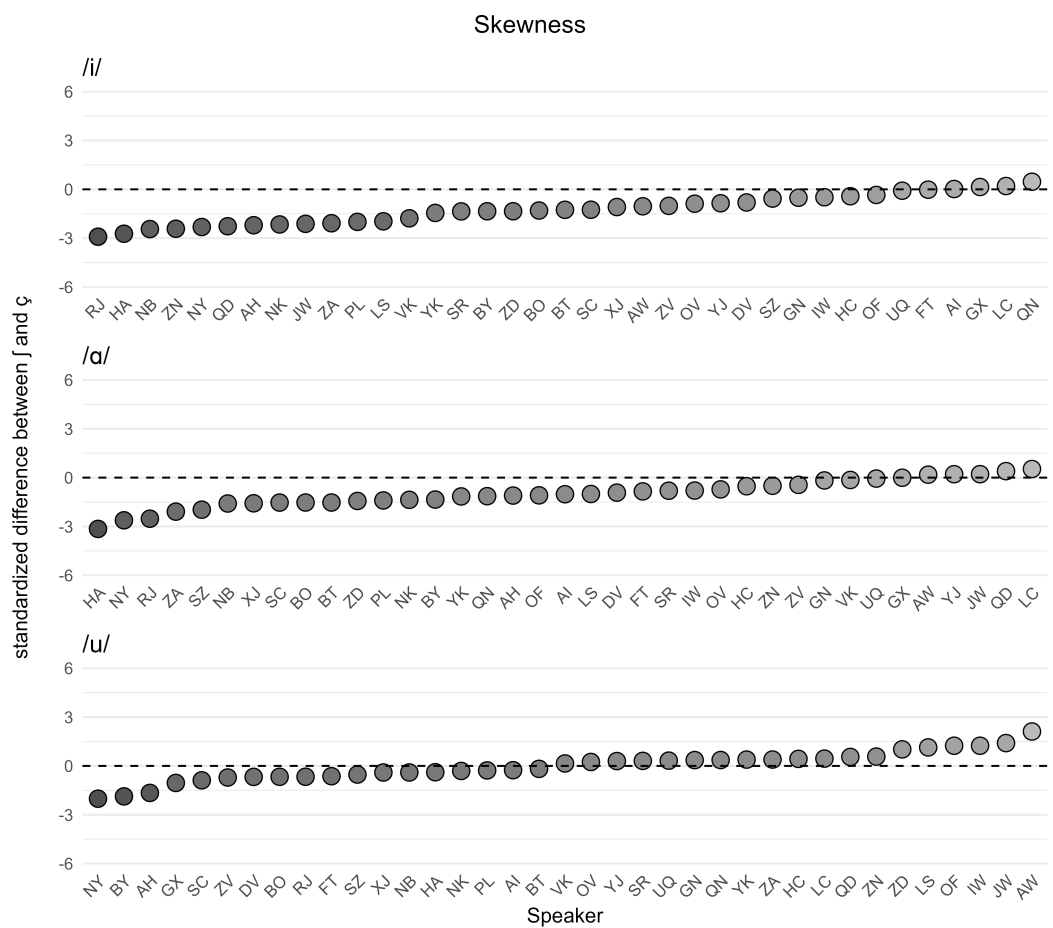


Figure A3: Individual speakers' mean difference between /j/ and /ç/ for skewness, separated by vowel context.

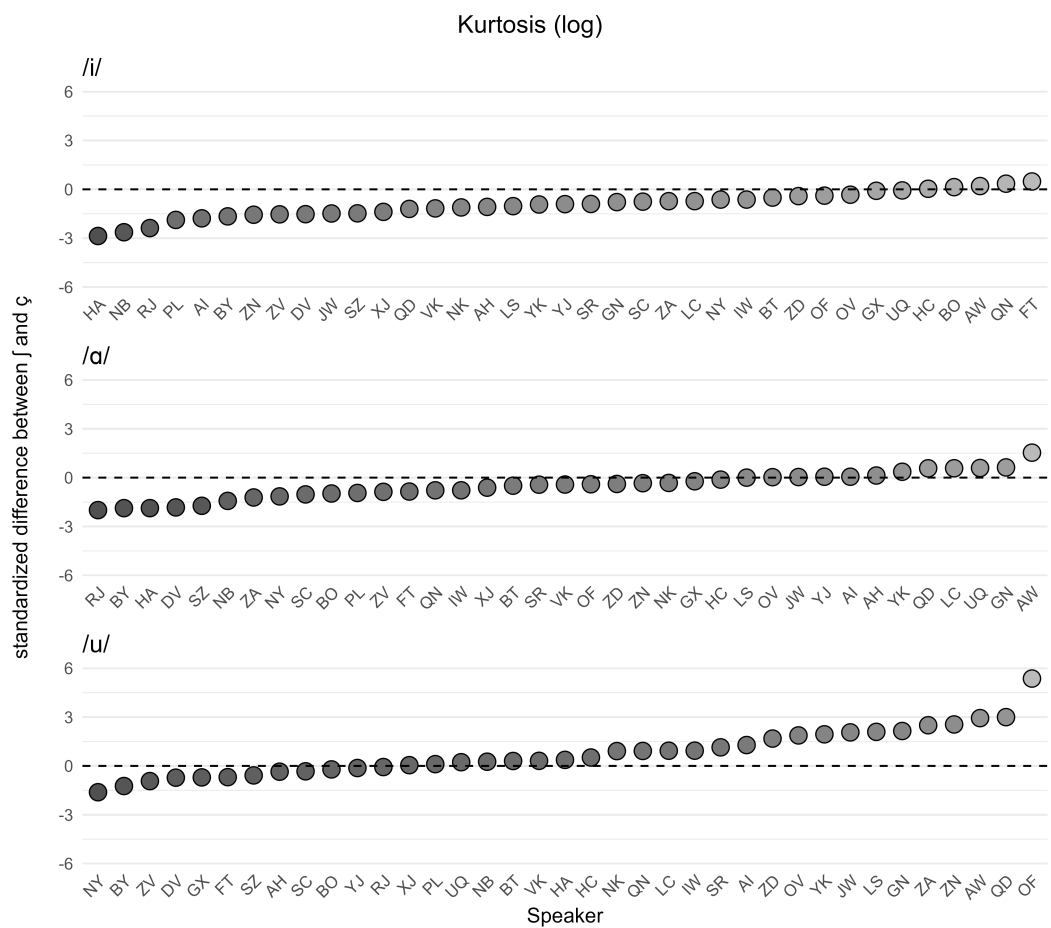


Figure A4: Individual speakers' mean difference between /j/ and /ç/ for kurtosis (log), separated by vowel context.

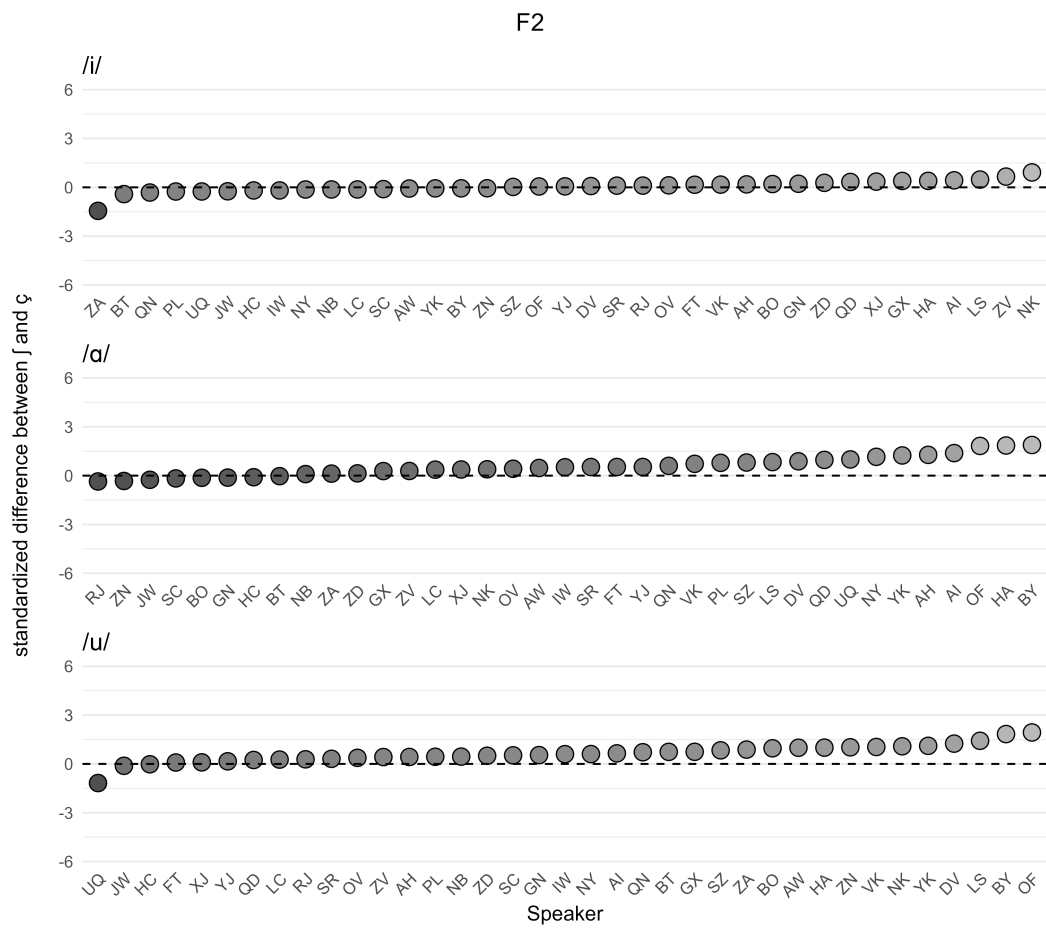


Figure A5: Individual speakers' mean difference between /j/ and /ç/ for F2, separated by vowel context.

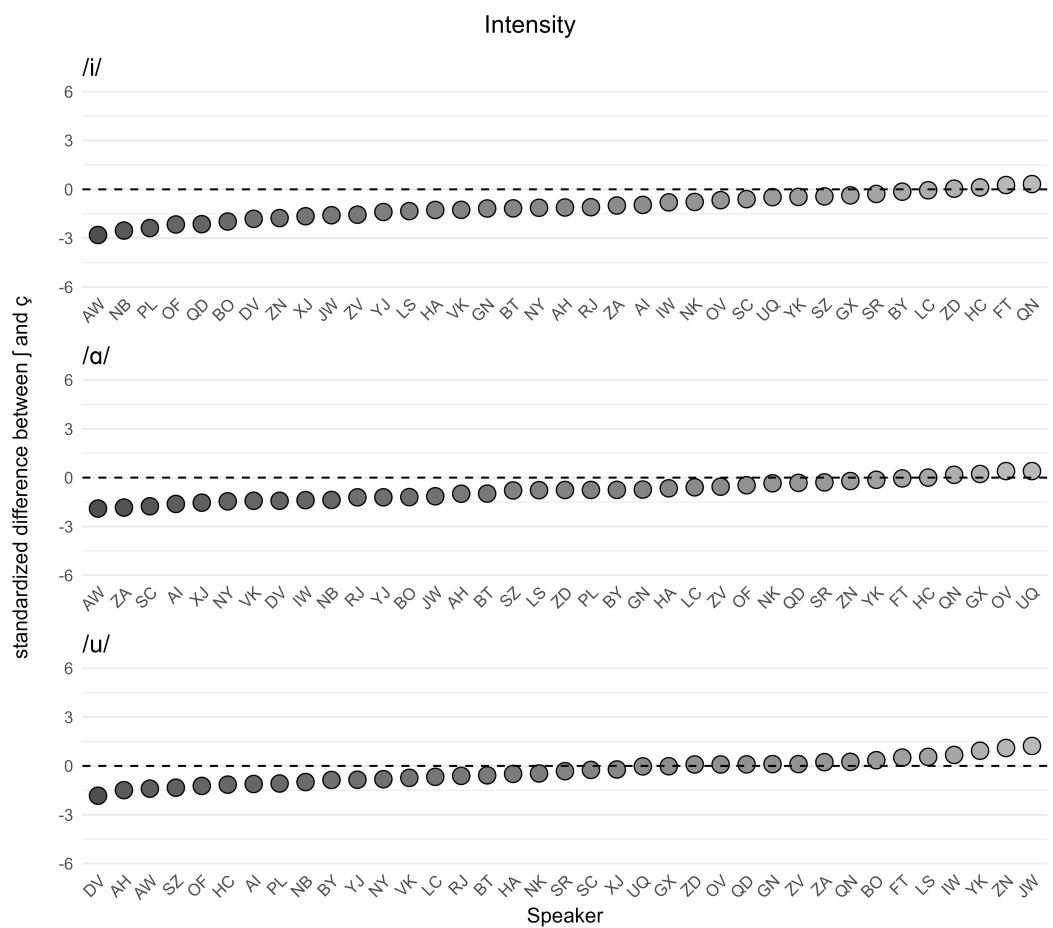


Figure A6: Individual speakers' mean difference between /j/ and /ç/ for intensity, separated by vowel context.

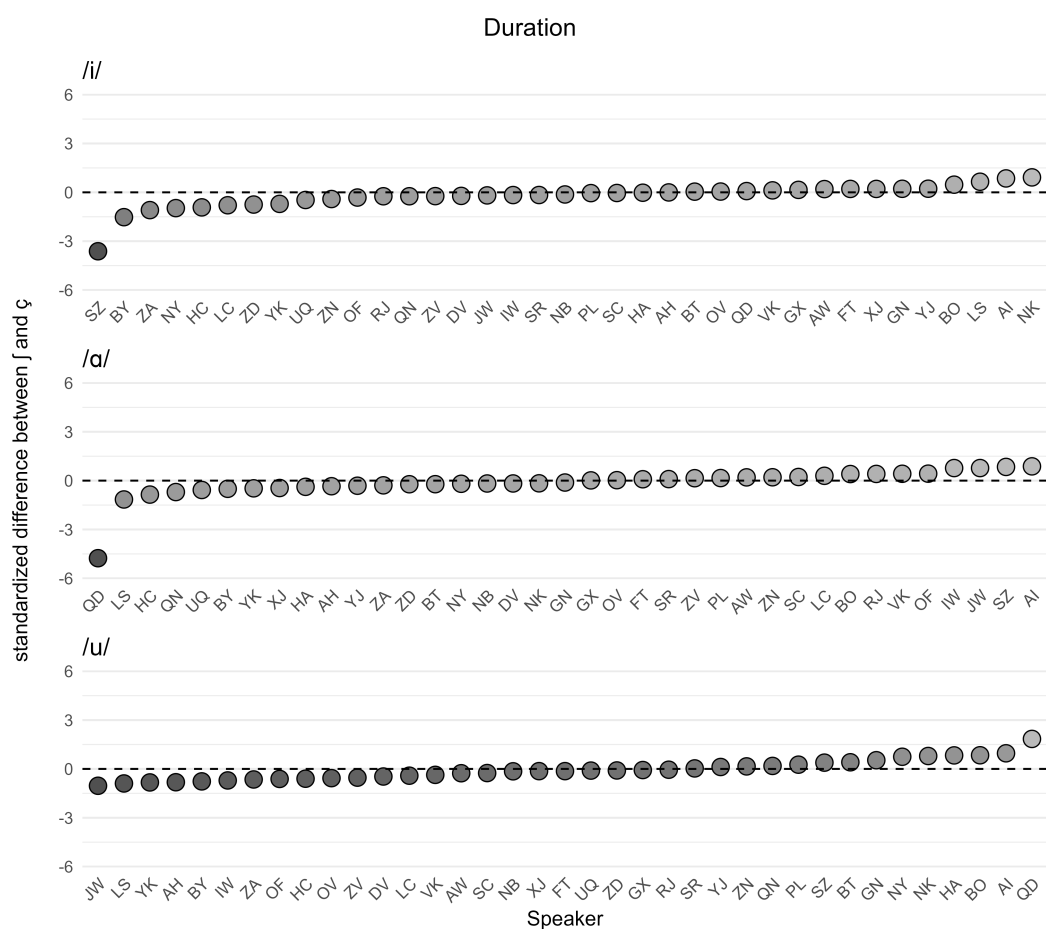


Figure A7: Individual speakers' mean difference between /j/ and /ç/ for duration, separated by vowel context.

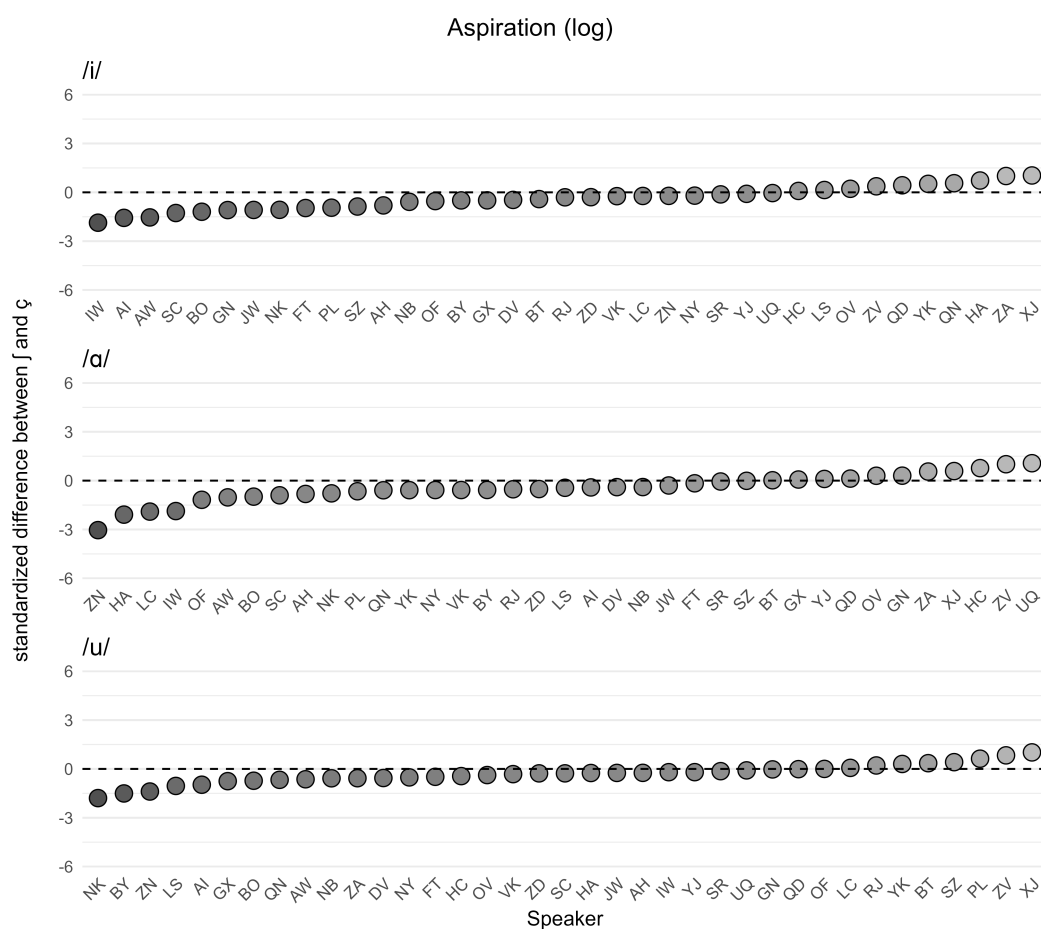


Figure A8: Individual speakers' mean difference between /ʃ/ and /ç/ for aspiration (log), separated by vowel context.