

## Appendix 4. Individual speaker vowel plots

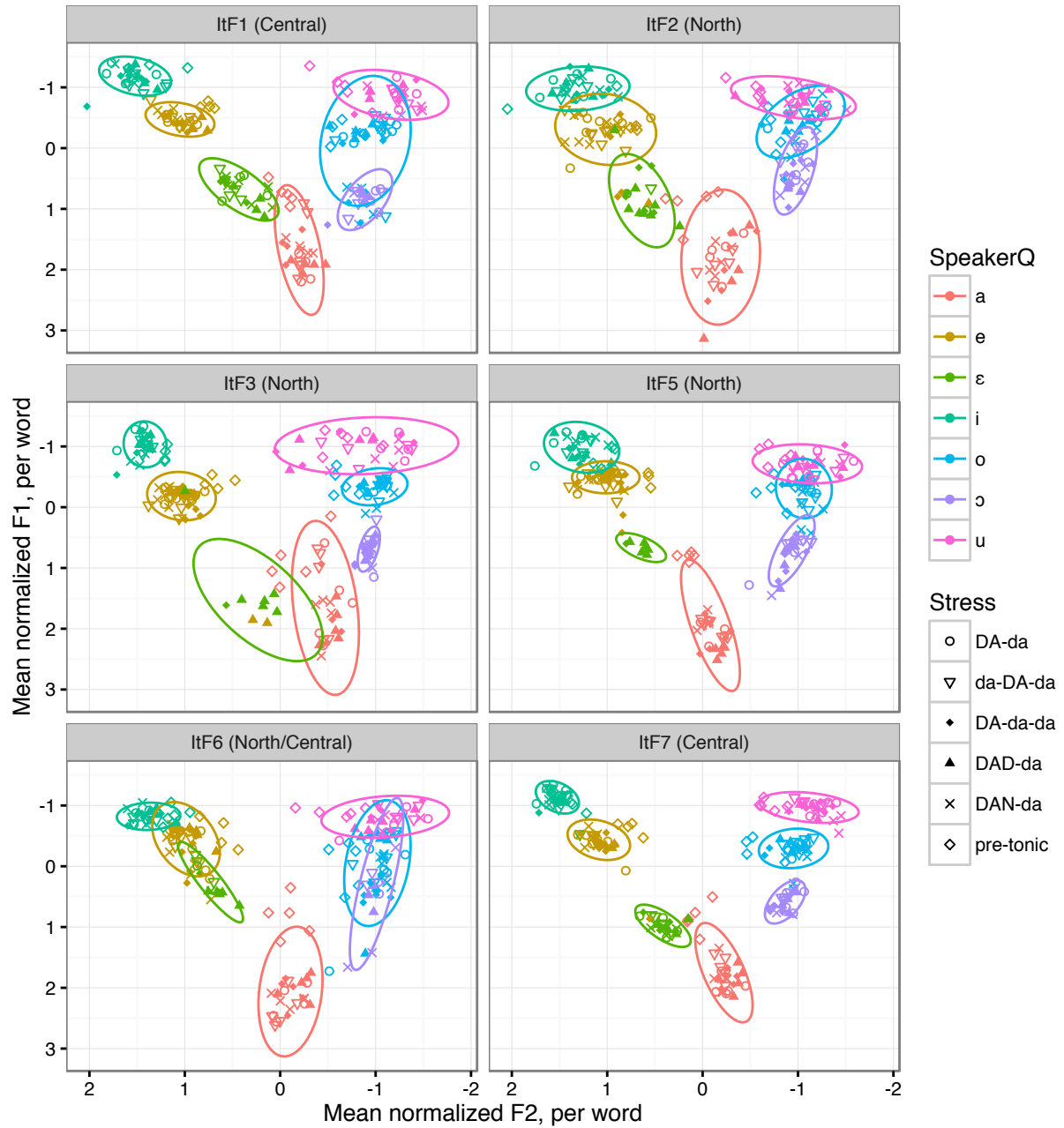


Figure A4.1. Vowel spaces of speakers ItF1 – ItF7, including stressed and unstressed vowels. Axes are Lobanov normalized F1, F2 with one mean value per word. Color shows vowel quality (mid vowel quality judged by speaker); shape shows stress context. Ellipses show 95% confidence interval per vowel.

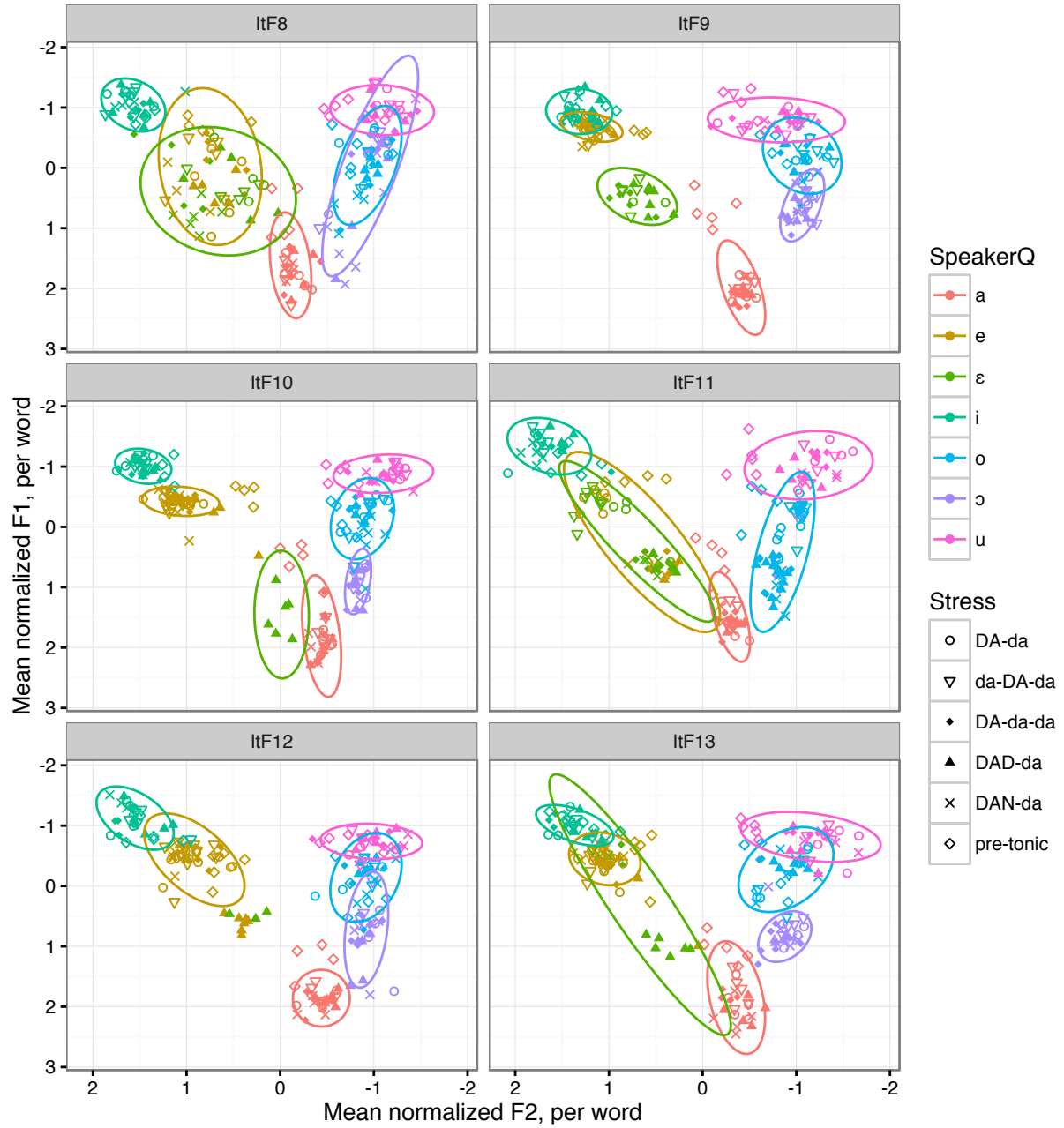


Figure A4.2. Vowel spaces of speakers ItF8 – ItF13, including stressed and unstressed vowels. Axes are Lobanov normalized F1, F2 with one mean value per word. Color shows vowel quality (mid vowel quality judged by speaker); shape shows stress context. Ellipses show 95% confidence interval per vowel. Note that ItF11 and ItF12 have only six ellipses, because they judged too few words as either /ɔ/ (ItF11) or /ε/ (ItF12) for an ellipse to be calculated (see Appendix 2 for details).

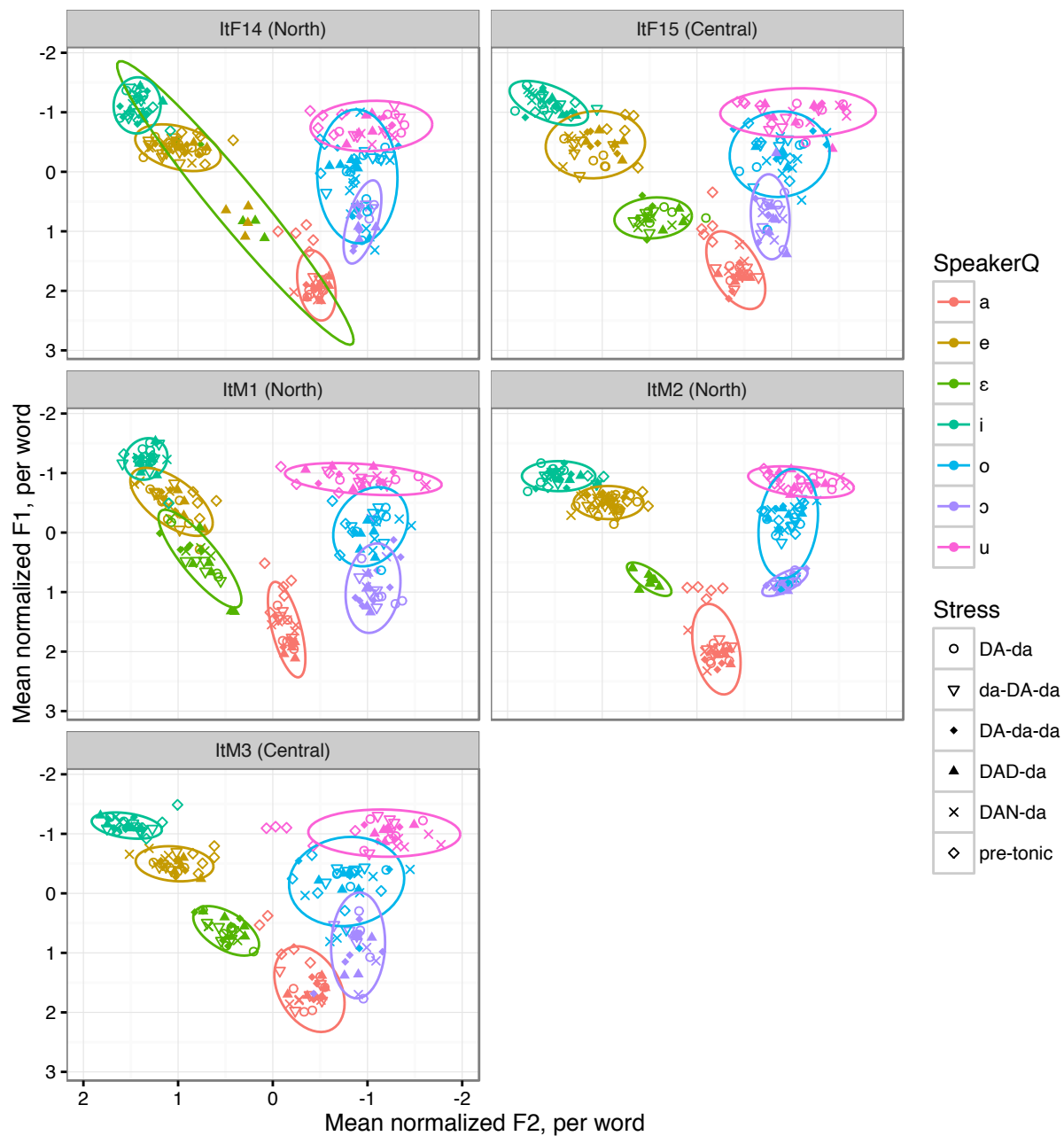


Figure A4.3. Vowel spaces of speakers ItF14 – ItM3, including stressed and unstressed vowels. Axes are Lobanov normalized F1, F2 with one mean value per word. Color shows vowel quality (mid vowel quality judged by speaker); shape shows stress context. Ellipses show 95% confidence interval per vowel.