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**Dear Editor,**

Department of Swedish Language and Multilingualism

I am submitting for consideration in *Phonetica* my paper “The static and dynamic acoustics of Central Swedish vowels”. I present static and dynamic analyses of all 21 vowels of Central Swedish, using a new release of a recently recorded vowel corpus, the SwehVd. The characteristics of SwehVd along the primary determinants to vowel identity, F1 and F2, are subsequently compared against vowel data recorded one generation ago, to investigate potential vowel shifts in the space.

I present two studies. In Study 1, the acoustic cues and cue correlations are analysed at the steady state of the vowel in static analyses, and across formant trajectories, in dynamic analyses. Some previously reported hypotheses in the literature are evaluated, for instance, the importance of F3 for unrounded-rounded high front vowel distinctions, the extent to which long-short vowel pairs differ in quality, diphthongization and formant movements in the long and short vowels. Study 2 then investigates to what extent this up-to-date characterization of all 21 categories differs from previous mappings of the entire space. I use an unreleased database of talkers of the same variety recorded one generation ago to assess potential shifts in the space over the last 20 years.

The goal of the present study is to expand on previous work by mapping the entire vowel space of 21 categories using both static and dynamic analyses…

On the next page, I suggest reviewers with relevant expertise.

Respectfully,

Anna Persson

**Reviewers with relevant expertise**

* *Johan Gross* (University West, Division of Educational Science and Languages, [johan.gross@hv.se](mailto:johan.gross@hv.se)): expert in Swedish phonetics