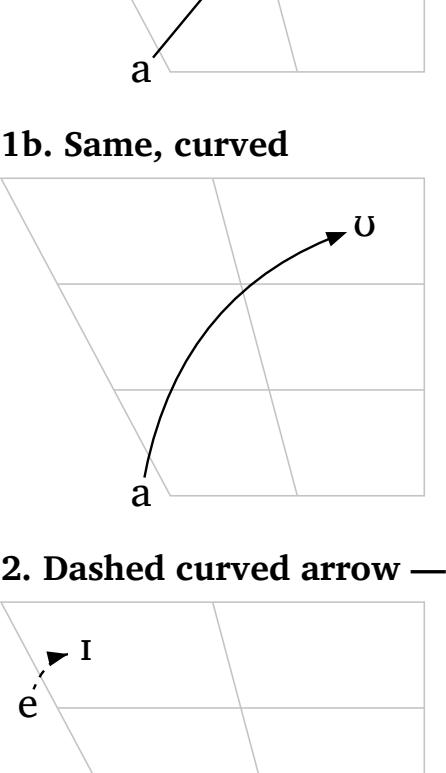
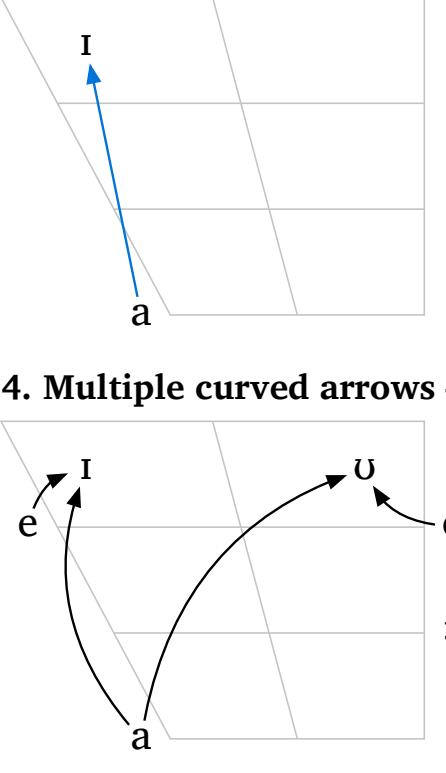


Arrows

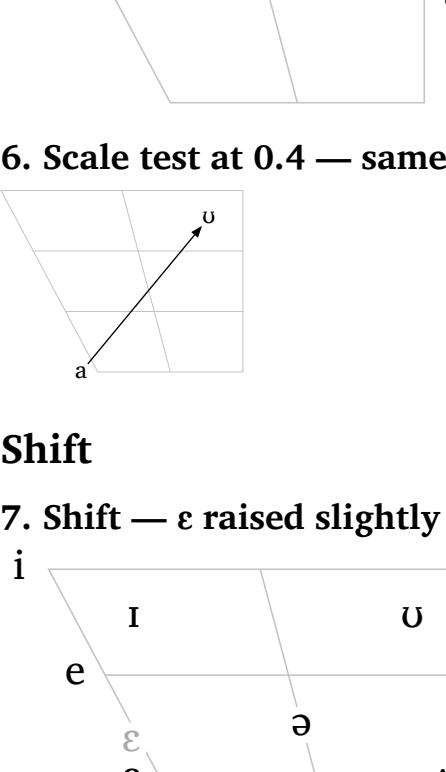
1a. Solid arrow — diphthong au (“out”), straight



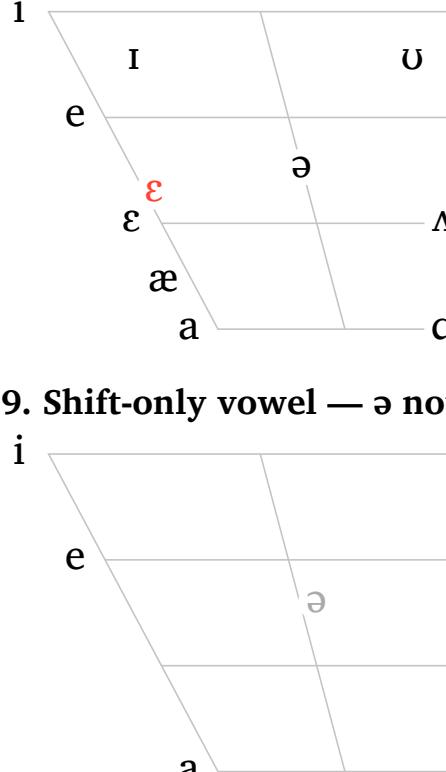
1b. Same, curved



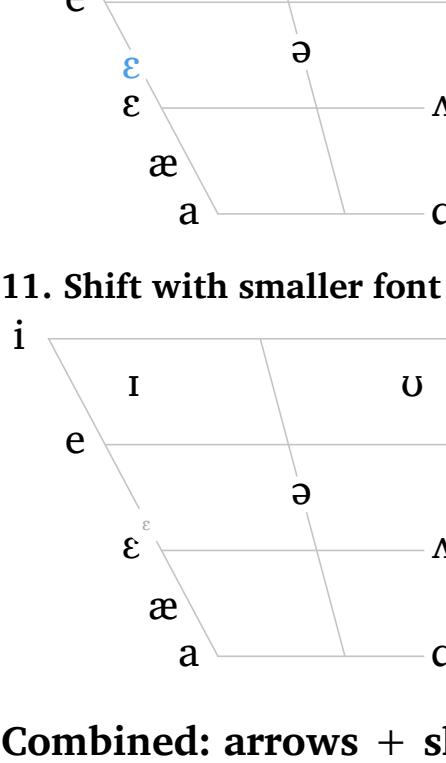
2. Dashed curved arrow — diphthong ei (“day”)



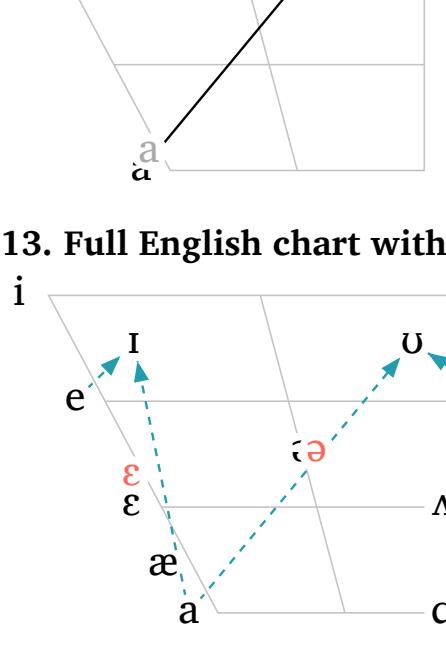
3. Colored arrow (blue) — diphthong ai (“my”)



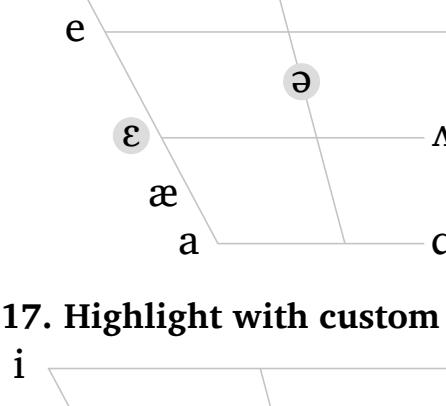
4. Multiple curved arrows — English diphthongs ei, ai, au, ou



5. Red dashed arrow — diphthong ɔɪ (“boy”)

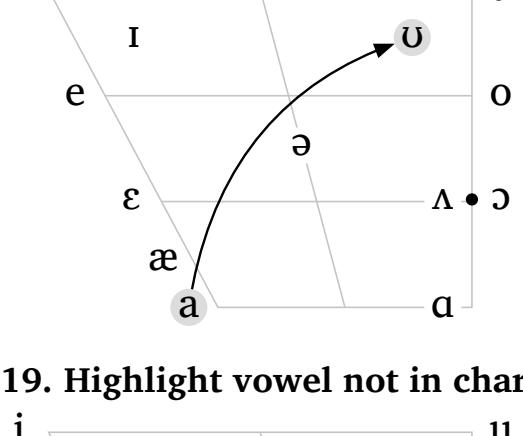


6. Scale test at 0.4 — same au arrow, smaller chart

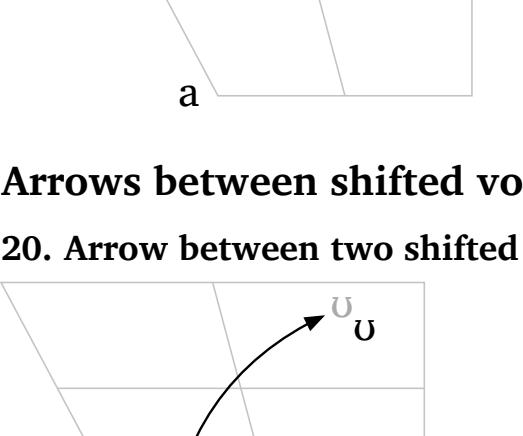


Shift

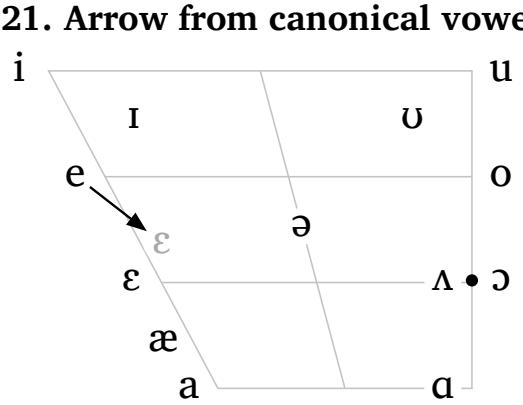
7. Shift — ε raised slightly (default gray)



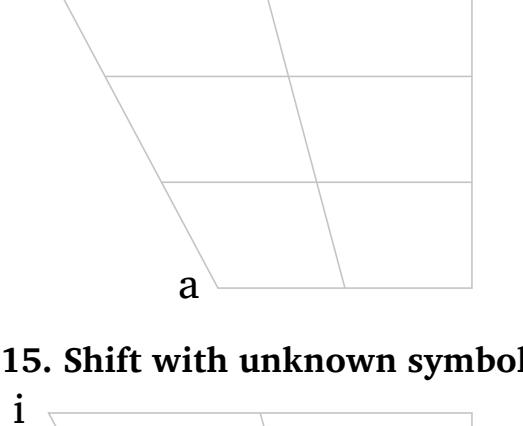
8. Shift with red color



9. Shift-only vowel — ə not in base set, created by shift



10. Multiple shifts — allophones of ε and o in blue



11. Shift with smaller font size (10pt)

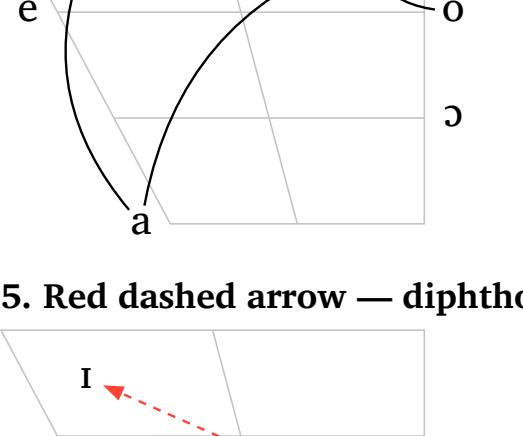


12. Arrow + shift — diphthong au with shifted allophone of a

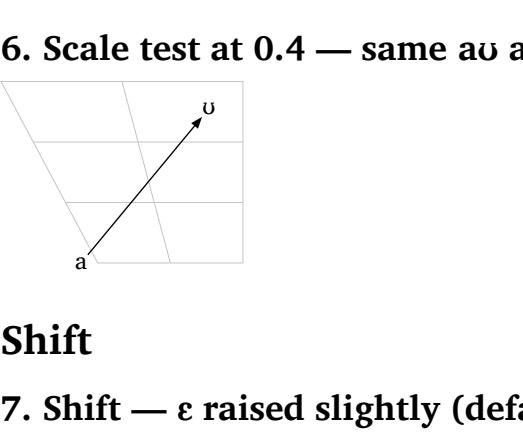
13. Full English chart with diphthong arrows and allophone shifts

Highlight

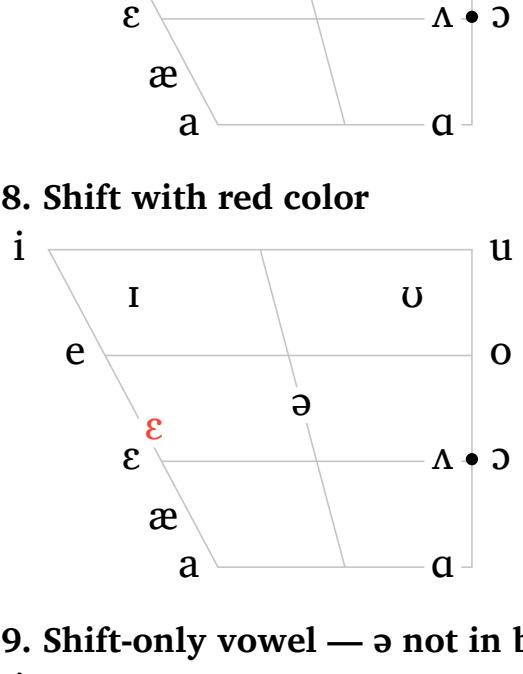
16. Highlight three vowels (default light gray)



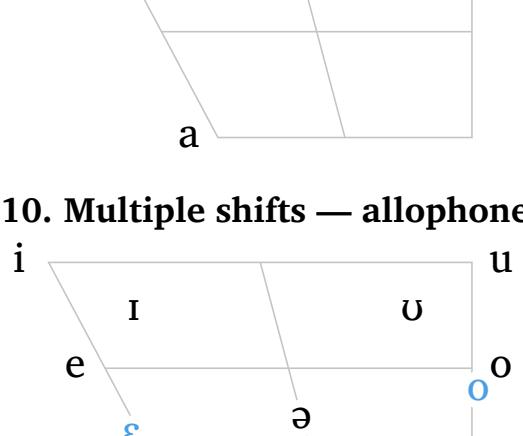
17. Highlight with custom color



18. Highlight + arrows combined

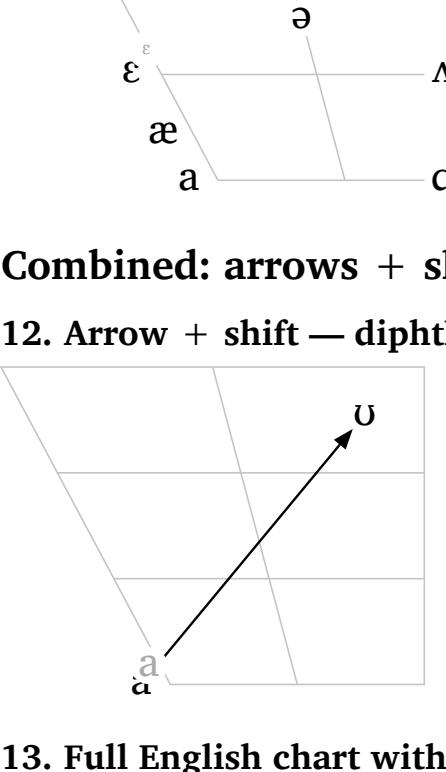


19. Highlight vowel not in chart — should silently skip

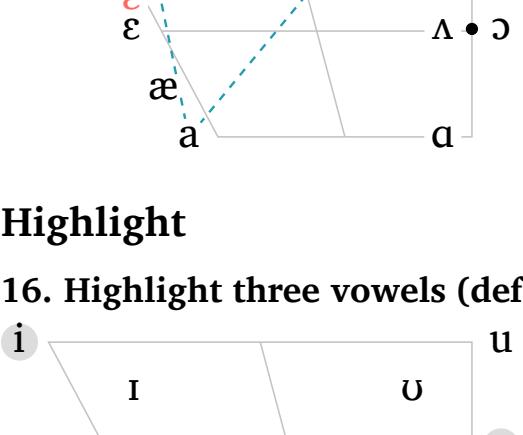


Arrows between shifted vowels

20. Arrow between two shifted vowels

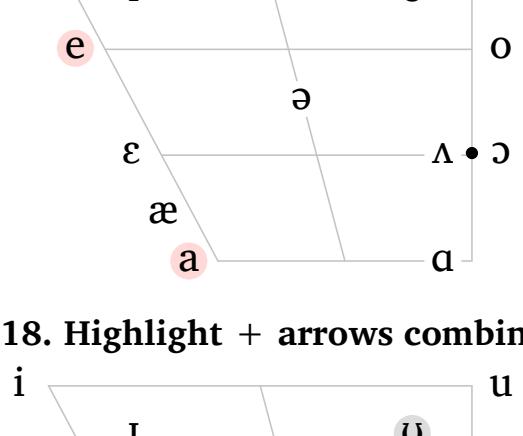


21. Arrow from canonical vowel to a shifted one



Edge cases

14. Arrow with one unknown symbol — should skip silently



15. Shift with unknown symbol — should skip silently

