

Kristine Miyamoto: tikzDevice Plots for Example 2.2.1 in paper from 20111208, 2013-10-22 21:13

```
## Loading required package: methods
## Loading required package: filehash
## filehash: Simple key-value database (2.2-1
## 2012-03-12)
## tikzDevice: R Graphics Output in LaTeX Format (v0.6.2-92-0ad2792)
## LaTeX found in the PATH using the command: pdflatex
## XeLaTeX found in the PATH using the command: xelatex
## LuaLaTeX found in the PATH using the command: lualatex
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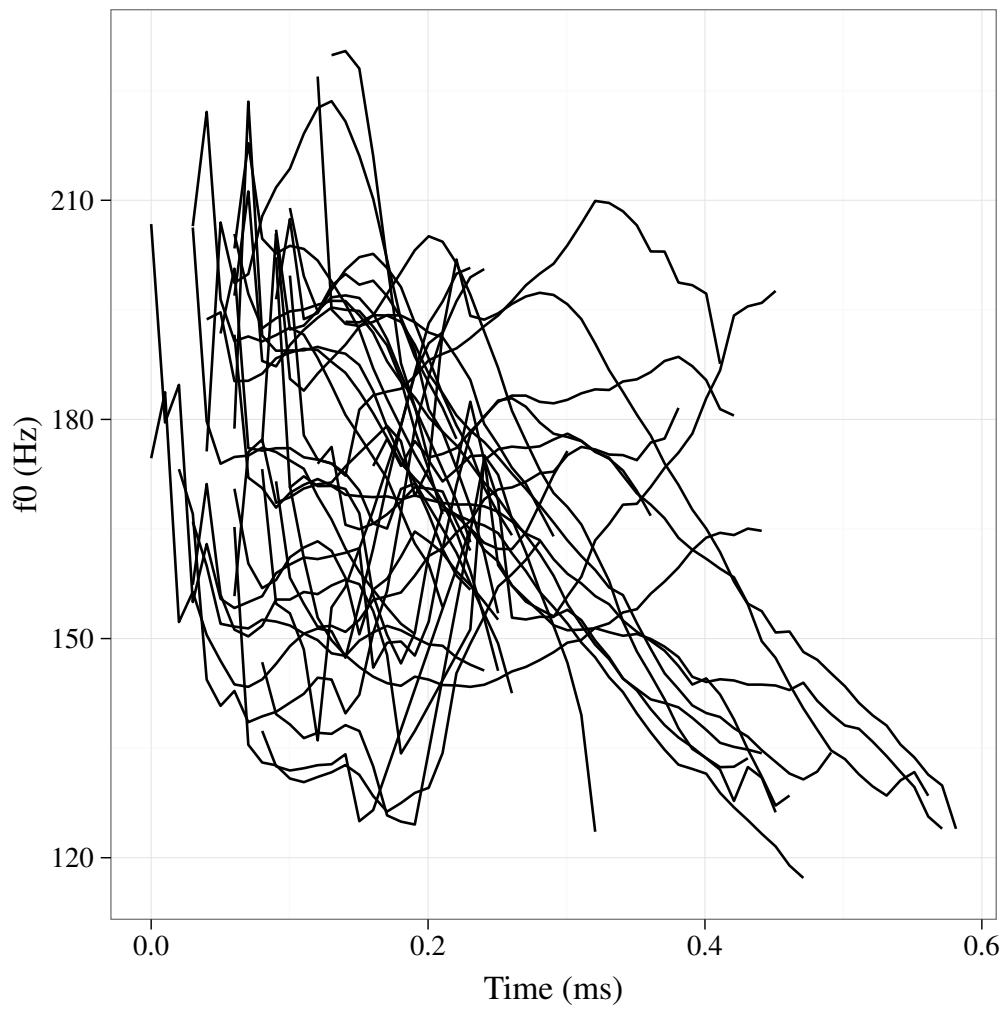


Figure 1: f0 contours from all recorded elicitation items from 20111208-6-KIY-AP-NPS-VPS.

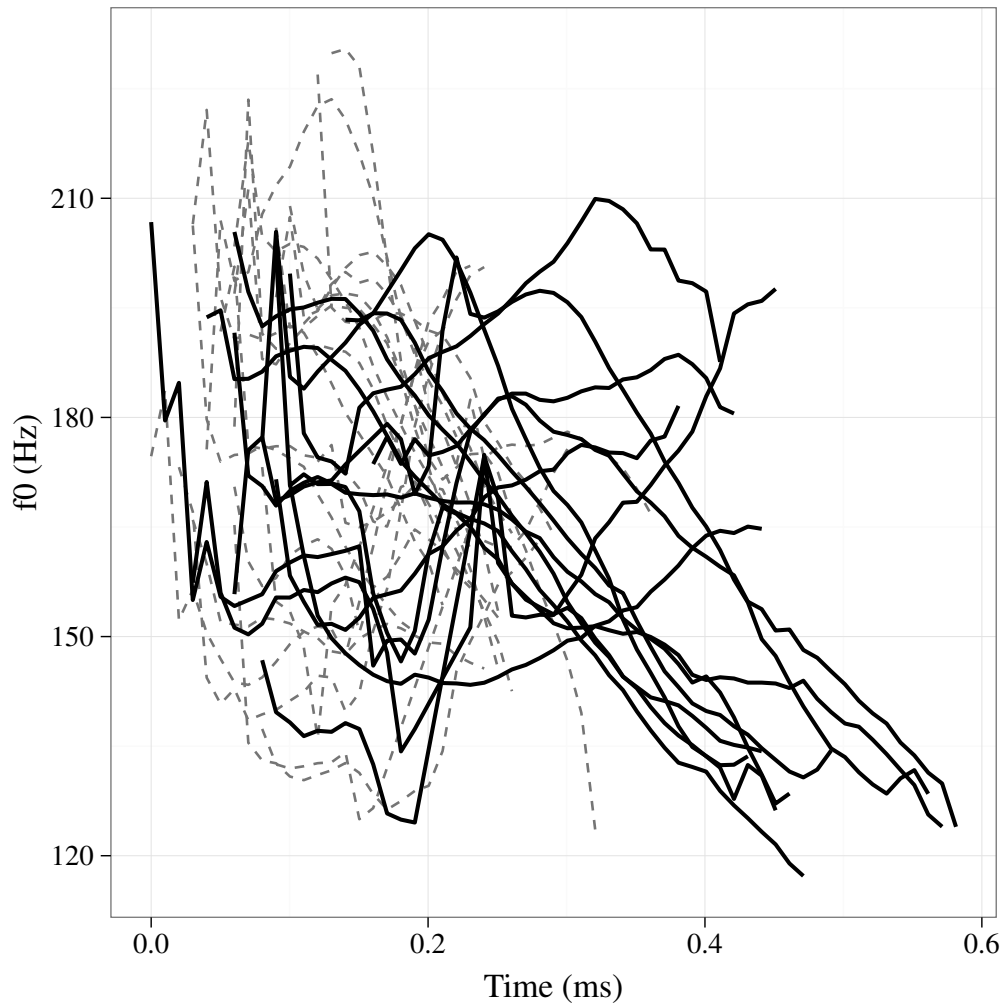


Figure 2: f0 contours from all recorded elicitation items from 20111208-6-KIY-AP-NPS-VPS.

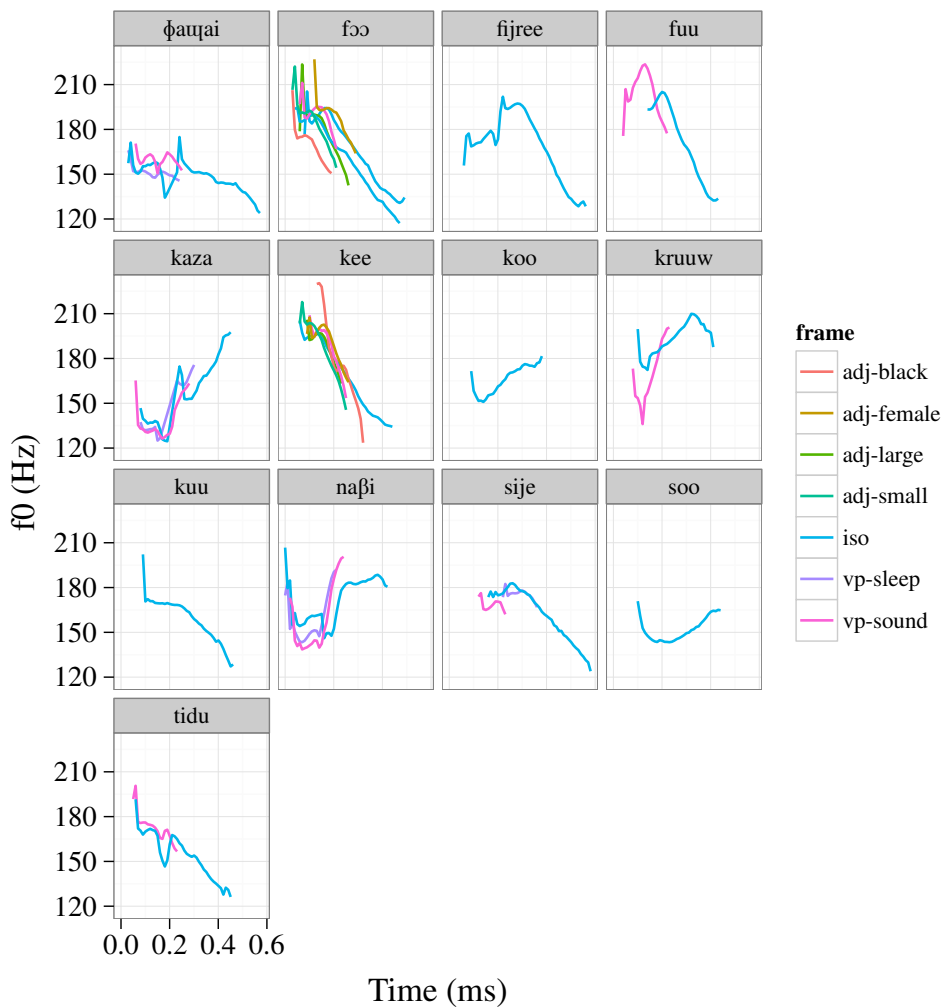


Figure 3: f0 contours from all recorded elicitation items from 20111208-6-KIY-AP-NPS-VPS, faceted by target and color-coded within the target facets by frame. foo and kee appear to have the most tokens. Across frames, pitch contours for target words look pretty similar.

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Let's try looking at just foo, kee, kaza, parai, nabi, sije

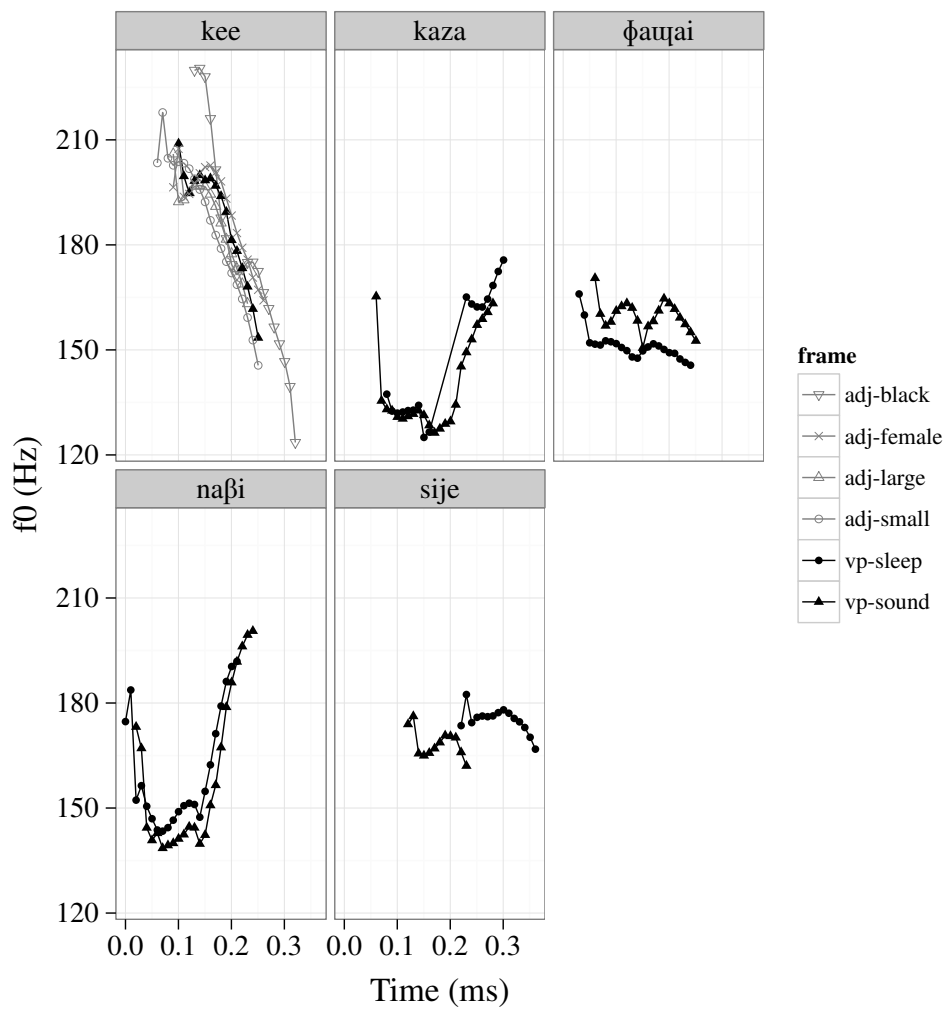


Figure 4: f0 contours for just foo, kaza, kee, nabij, parai, siji, no isolation frame. Color by frame.

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Compare this to if you don't do a facet plot:

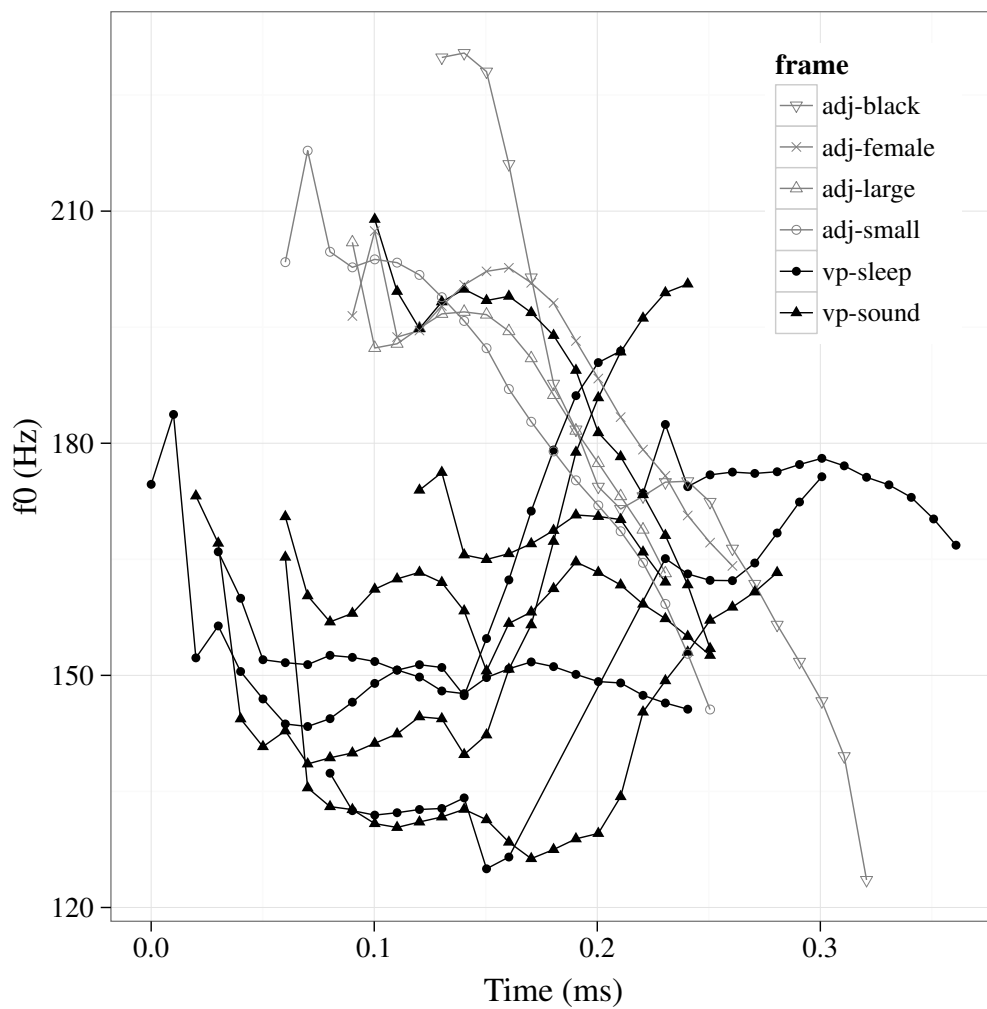


Figure 5: f0 contours for just foo, kaza, kee, nabij, parai, siji, no isolation frame. Not faceted.

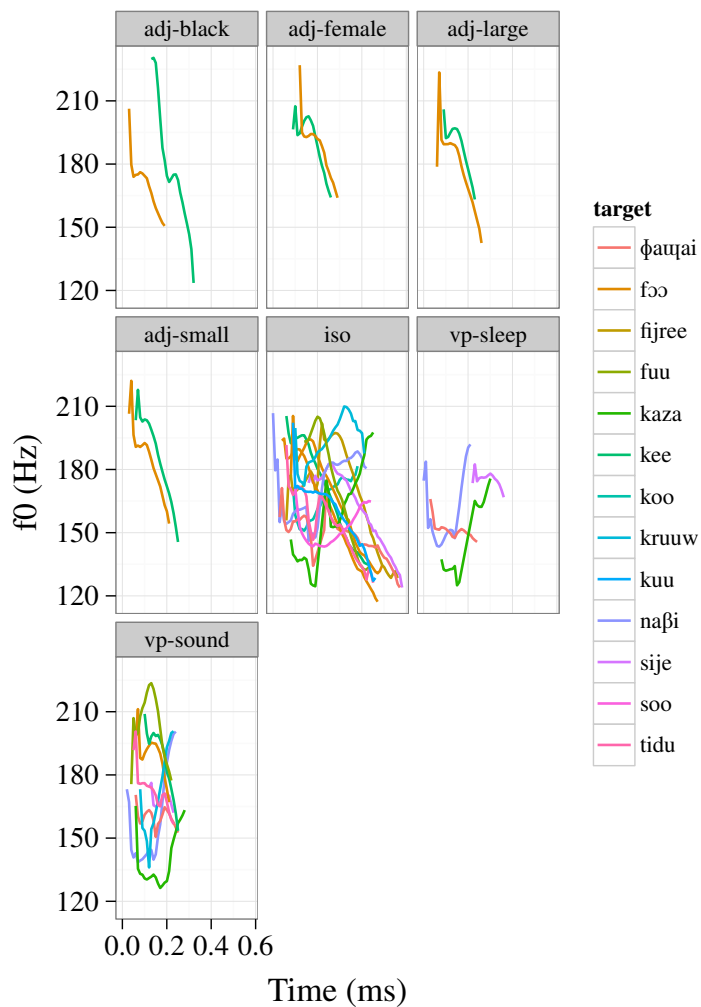


Figure 6: f0 contours from all recorded elicitation items from 20111208-6-KIY-AP-NPS-VPS, faceted by frame and color-coded within the target facets by target. Iso and vp-sound show big messes.

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Let's work with only the non-adjective frames since they only have two substitution items each.

Let's subset by syllable number and frame, lex.class.

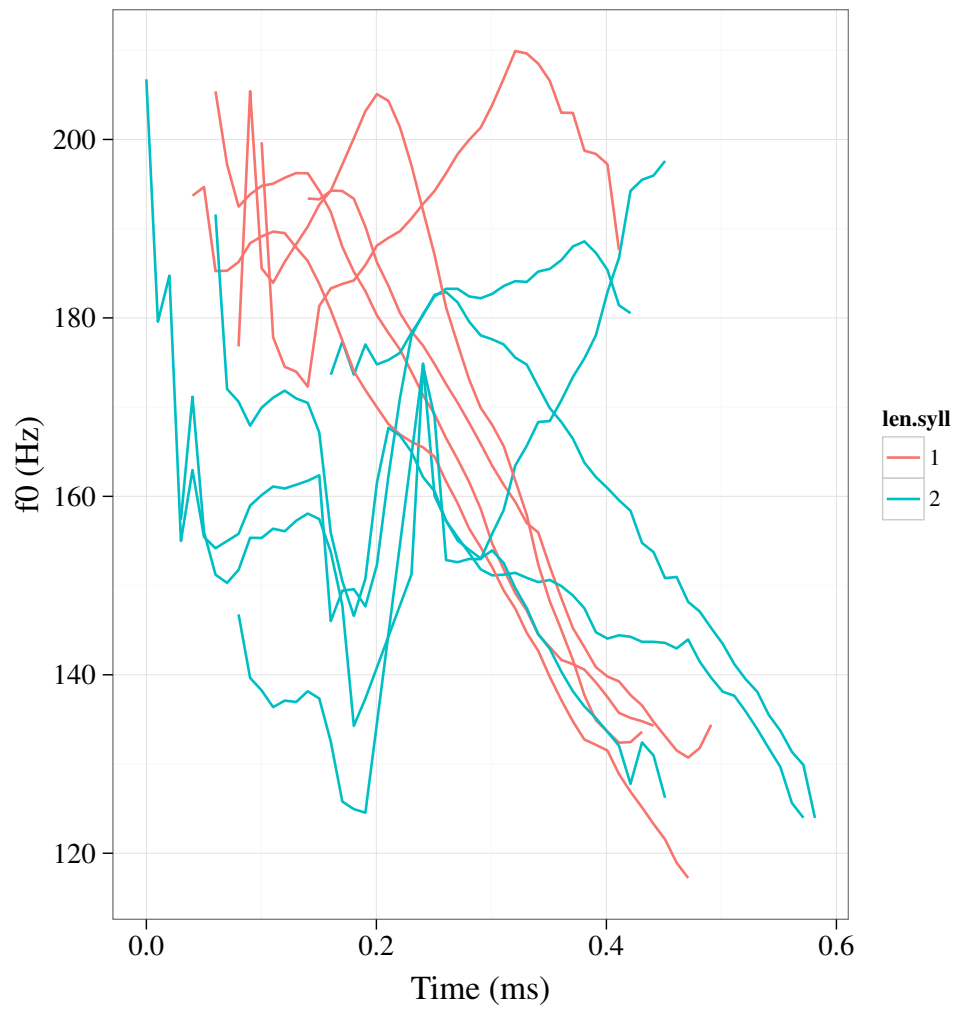


Figure 7: f0 contours from all recorded elicitation items from 20111208-6-KIY-AP-NPS-VPS in the isolation context, color coded by number of syllables

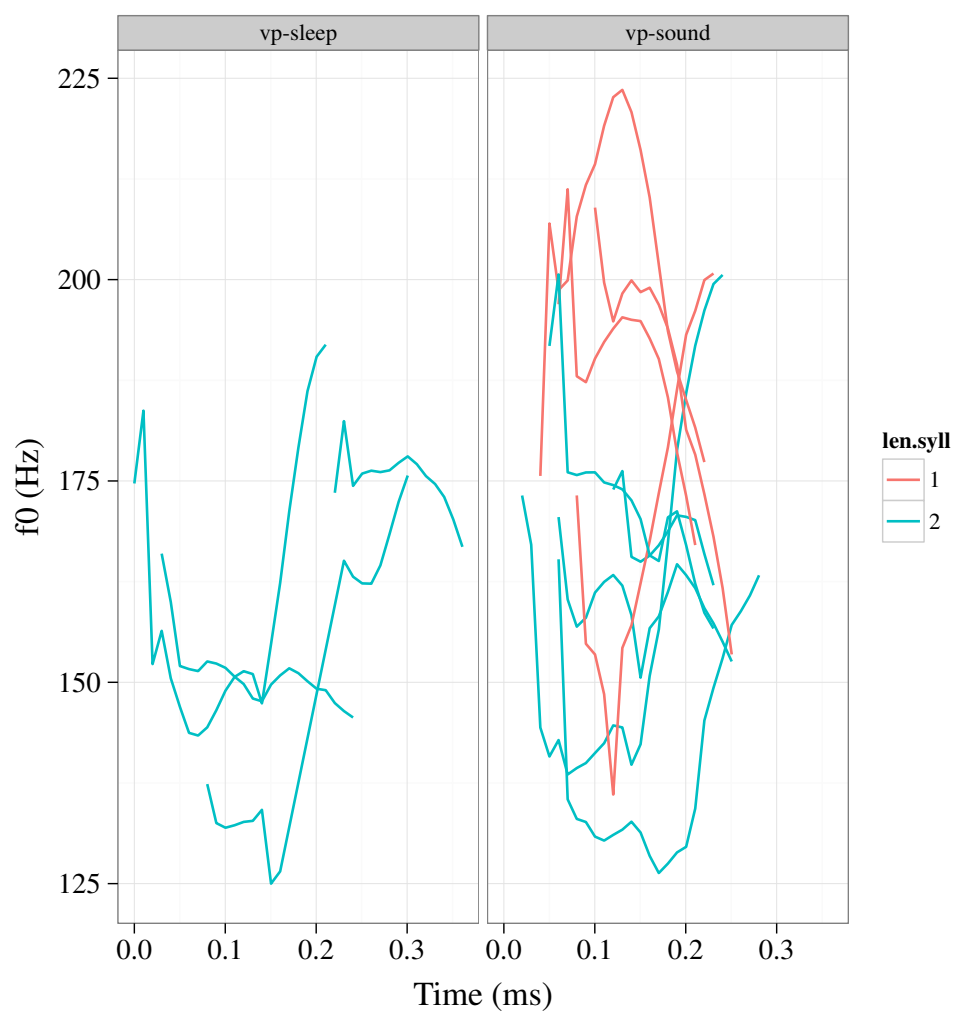


Figure 8: f0 contours for vp frames, faceted by frame and color coded by number of syllables.