**Anlo Ewe phrasing and tone**

Data from Clements 1977; Clements 1978; Kenstowicz 1994; Kager & Zonneveld 1999; Clements, Michaud & Patin 2010.

* **These data illustrate the basic tone alternation**, plus items that don’t undergo it, for contrast.
  + Don’t worry about phrases yet—just use these data to figure out the basic tone changes
  + Anlo Ewe has four surface tones: low ( ˋ ), mid ( ˉ ), high( ˊ ), and superhigh( )
  + To get started, I suggest that, without yet worrying about syntactic or prosodic structure, you make a tableau for ‘behind a tree’.
  + To rule out \*[ àtyí m­­e̋gbé ], you’ll need to invent a rather arbitrary markedness constraint—there are multiple options that could work.
  + Don’t worry, here or below, about why the mid tone becomes superhigh ( ) instead of high or low or whatever. That is, include in your tableaux candidates with and without the change to superhigh, but not candidates with other possible tone changes (unless you have an idea to explain why superhigh! but I don’t expect you to)

Non-IPA: “y”= glide [ j ].

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| **/ input /**  + gloss | **[ output ]** | translation |
| / àtyíkē-ó /  medicine-*plural* | [ àtyi̋ke̋-ó ] | ‘medicines’ |
| / àtyí mēgbé /  tree behind | [ àtyi̋ me̋gbé ] | ‘behind a tree’ |
| / èkpé dyí /  stone on | *no change* | ‘on a stone’ |
| / èkpé mēgbé /  stone behind | [ èkpe̋ me̋gbé ] | ‘behind a stone’ |
| / m- èkpé drzá-gé /  I stone sell-*future* | *no change* | ‘I’m going to sell a stone’ |
| / m- èkpé flē-gé /  I stone buy-*future* | [ m-èkpe̋ fle̋-gé ] | ‘I’m going to buy a stone’ |
| / ākplɔ̄ dyí /  spear on | *no change* | ‘on a spear’ |
| / ākplɔ̄ mēgbé /  spear behind | *no change* | ‘behind a spear’ |
| / m- ākplɔ̄ drzá-gé /  I spear sell-*future* | *no change* | ‘I’m going to sell a spear’ |
| / m- ākplɔ̄ flē-gé /  I spear buy-*future* | *no change* | ‘I’m going to buy a spear’ |
| / àtyíkē dyí /  medicine on | [ àtyi̋ke̋ dyí ] | ‘on medicine’ |
| / àtyíkē mēgbé /  medicine behind | *no change* | ‘behind medicine’ |
| / m- àtyíkē flē-gé /  I medicine buy-*future* | *no change* | ‘I’m going to buy medicine’ |
| / m- àtyíkē drzágé /  I medicine sell-*fut* | [ m- àtyi̋ke̋ **drza̋**-gé ] | ‘I’m going to sell medicine’  **Note this one well! Three underlying tones change** |
| / nyɔ́nūví-á-wó vá /  girl-*definite-plural* come | [ nyɔ̋nűvi̋-a̋-wő vá ] | ‘the girls came’  **Note here also the multiple changes** |
| / ākɔ̄ɖú dyí /  banana on | *no change* | ‘on a banana’ |
| / ākɔ̄ɖú mēgbé /  banana behind | [ ākɔ̄ɖű me̋gbé ] | ‘behind a banana’ |
| / m- ākɔ̄ɖú drzá-gé /  I banana sell-*future* | *no change* | ‘I’m going to sell a banana’ |
| / m- ākɔ̄ɖú flē-gé /  I banana buy-*future* | [ m- ākɔ̄ɖű fle̋-gé ] | ‘I’m going to buy a banana’ |

* **Getting ready for the phrasal part**
  + I suggest you next draw some syntactic trees of the data above and below.
  + In ‘Abla and Kofi’ below there are different levels at which you could do the conjunction. You may not be able to decide till you have the analysis worked out.
  + As you see, in this language a complement sometimes precedes its head and sometimes follows.
  + Ignore the proclitic **subject pronoun / m(e)- /**  ‘I’. Pronouns are often different from full words, especially when they move to a syntactically unexpected position.
  + In ‘the girls came’, above, you may need to assume a VP-internal subject to make your analysis work later on (depends exactly on how you decide to explain the aspect of the data where more than one tone changes).
* **Identifying the phonological phrases**
  + In the data below, the tone change doesn’t apply, although the input tones are similar to those in the data above.
  + Look at your trees and experiment with ideas for how p-phrases might be formed, to explain this difference.

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| **/ input /** | **[ output ]** | translation |
| / kpɔ́ ānyí /  see bee | *no change* | ‘saw a bee’ |
| / àblá kplé kōfí /  Abla and Kofi | *no change* | ‘Abla and Kofi’ |
| / mē ná àtyí kōfí /  I gave stick Kofi | *no change* | ‘I gave a stick to Kofi’ |
| / mē xé fē né kɔ̀dzó /  I paid debt to Kwadzo | *no change* | ‘I paid a debt to Kwadzo’ |
| / m- āmē yɔ́-gé kā dyí /  I person call-*future* line on | *no change* | ‘I’m going to call someone on the phone’ |
| / mē yī ɖé tɔ̄-tó /  I go to river-side | *no change* | ‘I went to the riverside’ |
| / mí ā-dzó /  we *future*-leave | *no change* | ‘We will leave’ |

**Reference**

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