Study question for Steriade 1999

Notes
p. 244-245 The theory of Lexical Phonology and Morphology: the idea is that “early” affixation is subjected to a set of rules/constraint ranking at Level 1 (and then also Level 2), but “late” affixation is subjected only to rules at Level 2.

So if –ism is added to bureaucrat at Level 1, stress rules will apply to the whole word (bureaucratism). But if invalid passes through Level 1 on its own and gets stress (invalid), that stress won’t change if –ism is then added at Level 2 (invalidism).

<table>
<thead>
<tr>
<th>Level 1</th>
<th>add affixes, if any</th>
<th>bureaucrat</th>
<th>invalid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>apply stress</td>
<td>bureaucratism</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td>buréaucratism</td>
<td>invalid</td>
</tr>
</tbody>
</table>

| Level 2 | add affixes, if any | -- | -- |

Steriade takes “Level 1” to mean “stress-shifting” and “Level 2” to mean non-stress shifting. And she’s arguing that the difference is actually not one of level-ordering, or of affix version, but rather of whether another form of the same word exists with the needed stress pattern.

Question
Just an exercise to help you check your comprehension rather than a deep-thinking question. Steriade talks on pp. 265-267 about what happens at an accentual-phrase boundary, which requires one last set of constraints for French. Check the whole analysis by making tableaux for these two utterances (suppose they’re grammatical). Include Steriade’s constraints *HIATUS, (12), (17), (18), Lex P-∀ loose, (24), (26) plus a constraint *BREAK (“don’t extend a morpheme across an AP boundary”).

Note that ‘healthy’ has citation forms sain [sɛ̃] (masc.) and saine [sen] (fem.)

J’en ai un sain, éléphant ‘I have a healthy one, a male elephant’
J’en ai un s[ɛ $ e]léphant
J’en ai un s[en $ e]éléphant
J’en ai un s[ē $ e]léphant
J’en ai un s[fē $ e]léphant
J’en ai un s[ē $ ne]léphant
J’en ai un s[ē $ ne]léphant

(see other side for other tableau)
J'en ai une saine, éléphante  ‘I have a healthy one, a female elephant’
J’en ai une s[e $ e]léphante
J’en ai une s[en $ e]léphante
J’en ai une s[en $ e]léphante
J’en ai une s[en $ e]léphante
J’en ai une s[en $ e]léphante
J’en ai une s[en $ e]léphante
J’en ai une s[en $ e]léphante
J’en ai une s[en $ e]léphante