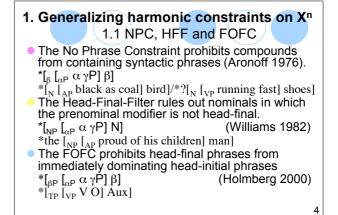
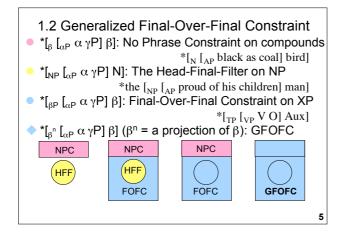


Outline

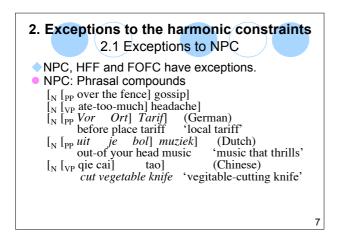
- 1. Generalizing harmonic constraints on Xⁿ NPC, HFF, FOFC > GFOFC
- Exceptions to the harmonic constraints NPC: phrasal compounds, HFF: phrasal modifiers in prenominal position, FOFC: headinitial DP/PP in head-final VP, etc.
- **3. Size sensitivity in the harmonic constraints** The harmonic constraints can be violated only if contained phrases are not too long.
- GFOFC on the syntax-phonology interface Left/right-branching structure, compound/phrase, etc.
- 5. Conclusion

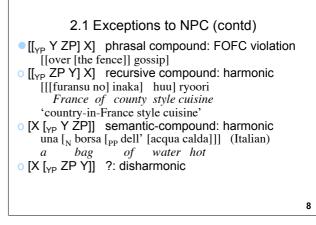


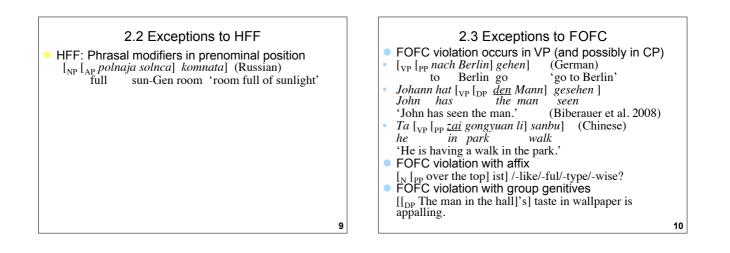


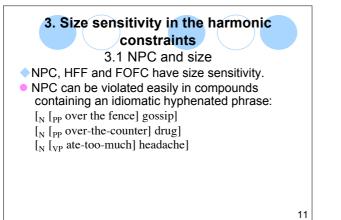
- 1.3 Phrasal Affixation ruled out by (G)FOFC *[_{βⁿ} [_{αP} α γP] β] (βⁿ = a projection of β): GFOFC
- β^{β} = a head including affixes
- Phrasal Affixation (Ackema and Neeleman 2004) *[$_{AffixP}$ [$_{\alpha P} \alpha \gamma P$] Affix] (Biberauer et al. 2008) *[$_{AffixP}$ [$_{NP}$ history of science] ist]
- cf. [[generative grammar] ian] (bracketting paradox)
- Phrasal compound or affixation? Stem or affix?
 *?XP-like, -ful, -type, -wise (cf. Dalton-Puffer and Plag 2000)

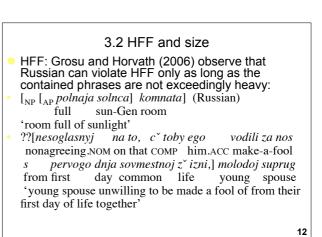
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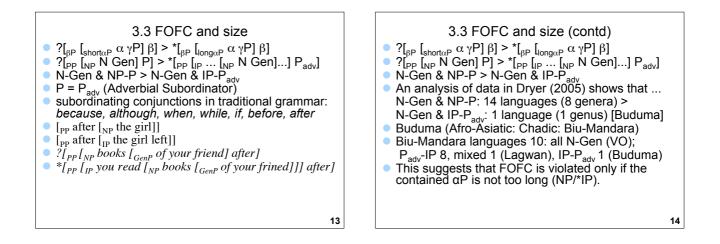


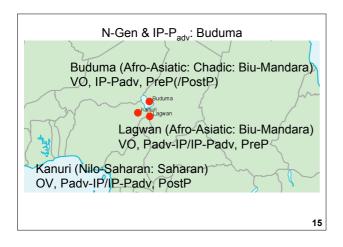


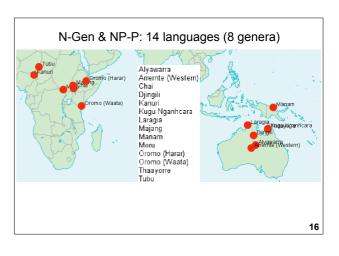


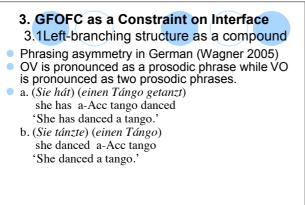


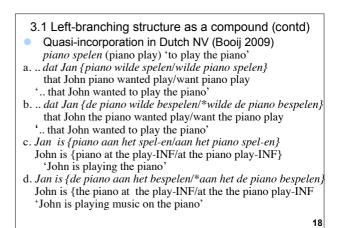


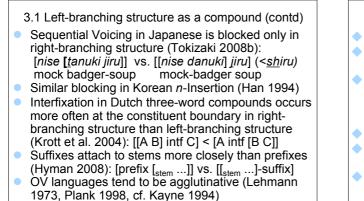




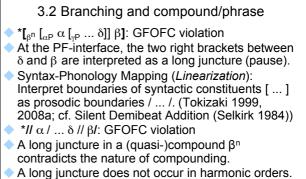




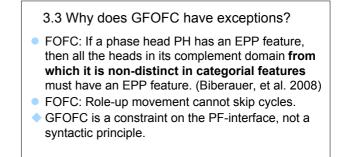




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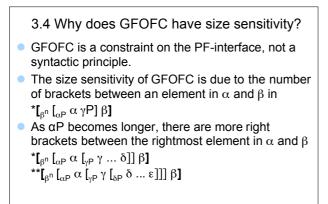


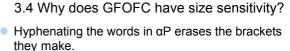
3.2 Branching and compound/phrase In GFOFC configuration *[_{βⁿ} [_{αP} α [_{γP} ... δ]] β], β^n is a left-branching structure and therefore a (quasi-)compound, and α^n is a phrase. (1) *[$_{\beta^n}$ [$_{\alpha P} \alpha$ [$_{\gamma P} \dots \delta$]] β]: GFOFC violation (comp) $I \alpha / \dots \delta / \beta I$ a comp containing a phrase (2) $[_{\beta^{n}} [_{\alpha P} [_{\gamma P} ... \delta] \alpha] \beta]$: head-final (compound) /// ... $\delta / \alpha / \beta /$ a comp containing a co a comp containing a comp (3) $[_{\beta^n} \beta [_{\alpha P} \alpha [_{\gamma P} \dots \delta]]]$: head-initial (phrase) /β/α/...δ/// a phrase containing a phrase (4) $[_{\beta^n} \beta \ [_{\alpha P} \ [_{\gamma P} \dots \delta] \ \alpha \]]$: Initial-Over-Final (phrase) /β// ...δ/α// a phrase containing a comp 21





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- [_N [_{PP} over [the counter]] drug]
 [_N [over-the-counter] drug]
- [_N [_{VP} ate [too much]] headache]
 [_N [ate-too-much] headache]

3.4 Why is the violation of GFOFC allowed in certain languages?

- The No Phrase Constraint can be violated in phrasal compounds in Germanic and Chinese.
- The Head-Final-Filter can be violated in Russian.
- The Final-Over-Final Constraint can be violated in German and Chinese.
- GFOFC can be violated if the main stress position matches the unmarked word-stress location in the language: Right-oriented stress in Germanic (weight-sensitive, antepenult or penult) (cf. Tokizaki and Kuwana 2009)

| 3.4 Why is the violation of GFOFC | | | | | | | | |
|---------------------------------------|---------------------|-----------------------|---------------------|---|--|--|--|--|
| allowed in certain languages? (contd) | | | | | | | | |
| | FOFC viol | PhrComp | Word stress | | | | | |
| German | DP/PP V | [Y ZP] X | R-orient | | | | | |
| Dutch | ?DP/PP V | [Y ZP] X | R-orient | | | | | |
| Afrikaans | | [Y ZP] X | ? | | | | | |
| English | DP 's | [Y ZP] X | R-orient | | | | | |
| Chinese | PP V, IP Part | [Y ZP] X | Tone | | | | | |
| Japanese Thai | - VP I?, IP Part | [ZP Y] X 2X IV 7P1 | simple Tone Tone | | | | | |
| | e VP I, IP Part | | Tone | | | | | |
| Yoruba | ? | ?X IY ZPI | Tone | | | | | |
| Romance | - | ?X Y ZP | R-edge | | | | | |
| Indonesian | 1? | ?X [Y ZP] | Penult | | | | | |
| | | | | | | | | |
| | | | 2 | 6 | | | | |

| 3.4 Why is the violation of GFOFC allowed in certain languages? (contd) | | | | | | | | | |
|---|--------------|-----|--------|-----|--------|--------|----|--|--|
| <u>Language</u> | <u>GrGen</u> | Phr | C DP-V | PP- | V VP-I | IP-Prt | | | |
| German | | + | + | + | - | - | | | |
| Dutch | | + | +? | +? | | | | | |
| Afrikaans | | + | | | | | | | |
| English | + | + | - | _ | - | - | | | |
| Chinese | | + | | + | | + | | | |
| Japanese | | - | | | | | | | |
| Thai | | - | | | +? | + | | | |
| Vietnames | е | | _ | | | + + | | | |
| Yoruba | | _ | | | | | | | |
| Romance | | - | | | | | | | |
| Indonesian | 1 | _ | | | | | | | |
| | | | | | | | 27 | | |

