

W-1-3

線形順序を排した英語軟口蓋音軟化の分析

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1. 本研究の背景と目的

本発表では非時系列音韻論の枠組みを用いて英語の軟口蓋音軟化の過程を考察し、当該理論の妥当性を探る。英語の軟口蓋音軟化の多くは、語基の終端に位置する軟口蓋閉鎖音/k, g/が、前舌母音で始まる接尾辞によって後続される場合に観察され、/k/は/s, ʃ/と、/g/は/dʒ/と交替する。この過程は従来、交替の対象となる子音と母音の前後関係に依存した同化現象として分析されてきたが、何故/k/は/ʃ/と、/g/は/z, ʒ/と交替しないのかについての明示的説明は与えられてこなかった。これに対し本発表では、非時系列音韻論では、/k, g/が/s, ʃ/や/dʒ/と交替し、/ʃ/や/z, ʒ/とは交替しないという事実は、線形情報に言及することなく、音韻的最小単位であるエレメントが形成する階層構造上の位置に言及することで説明される、と論じる。具体的には、軟口蓋音軟化は、構造構築上および外在化上主要な役割を果たしている位置に挟まれた部分を対象とする同化現象であるとみなす。

2. 英語の軟口蓋音軟化

(1) a. /k/ → /s/ / ___ /ɪ/

authentic	/ɔ:θentɪk/	authenticity	/ɔ:θentɪsɪti/
cyclic	/saɪklɪk/	cyclicality	/saɪklɪsɪti/
periodic	/pɪərɪɒdɪk/	periodicity	/pɪərɪədɪsɪti/
tonic	/tɒnɪk/	tonicity	/təʊnɪsɪti/

b. /k/ → /s/ / ___ /ɪ/

exotic	/ɪgzɒtɪk/	exoticism	/ɪgzɒtɪsɪzəm/
fanatic	/fənætɪk/	fanaticism	/fənætɪsɪzəm/
historic	/hɪstɒrɪk/	historicism	/hɪstɒrɪsɪzəm/
skeptic	/skeptɪk/	specticism	/skeptɪsɪzəm/

c. /k/ → /s/ / ___ /ɪ/ (cf. /aɪ/ -ise/-ize in current surface pronunciation)

critic	/krɪtɪk/	criticise	/krɪtɪsaɪz/
italic	/ɪtælɪk/	italicise	/ɪtælsaɪz/
public	/pʌblɪk/	publicise	/pʌblɪsaɪz/
romantic	/rəʊmæntɪk/	romanticise	/rəʊmæntɪsaɪz/

(2) /k/ → /ʃ/ / ___ /ɪ/

electric	/ɪlektɪk/	electrician	/ɪlektɪʃən/
music	/mju:zɪk/	musician	/mju:zɪʃən/

- (3) /g/ → /dʒ/ / ___ /ɪ, i/
- | | | | |
|----------|------------------|---------|--------------------|
| analogue | /ænə l g/ | analogy | /ənə l dʒi/ |
| rigor | /rɪ g ə/ | rigid | /rɪ ɟ ɪd/ |

3. 非時系列音韻論における子音の音韻構造

- (4) エレメント (Nasukawa 2016, Backley 2011)

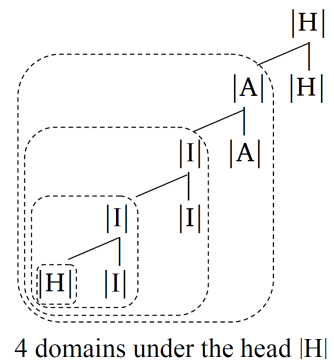
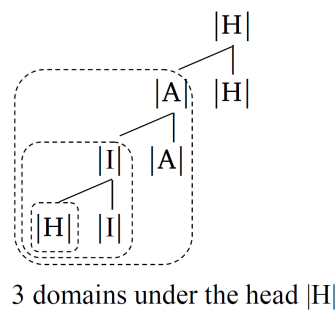
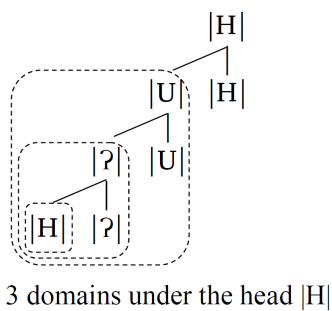
	Realisation in C	Realisation in V
A	uvular, coronal PoA	non-high Vs
I	palatal, dental PoA	front Vs
U	labial, velar PoA	rounded Vs
ʔ	oral or glottal occlusion	creaky voice (laryngealised Vs)
H	aspiration, voicelessness	high tone
N	nasality, obstruent voicing	nasality, low tone

- (5) 主要部と依存部の役割 (Nasukawa & Backley 2015)

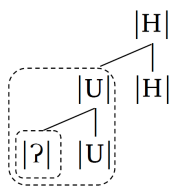
Heads are structurally important (obligatory) but recessive in contrastive terms; on the other hand, dependents are structurally recessive (optional) but rich in contrastive terms.

(6) HEADS	structure-building
	information-poor, smaller modulation
DEPENDENTS	non-structure-building
	information-rich, bigger modulation

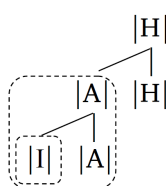
- (7) 軟口蓋閉鎖音 舌頂摩擦音 硬口蓋齒莖摩擦音
a. /k/ c. /s/ e. /ʃ/



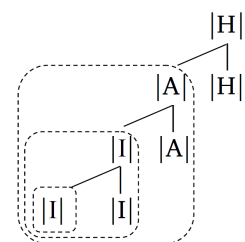
- b. /g/



- d. /z/



- f. /ʒ/



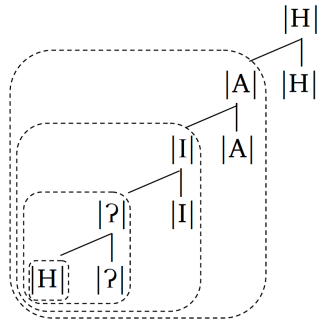
2 domains under the head |H|

2 domains under the head |H|

3 domains under the head |H|

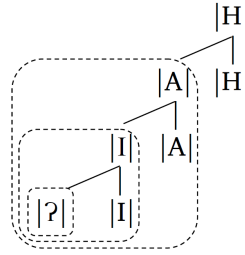
硬口蓋歯茎破擦音

g. /tʃ/



4 domains under the head |H|

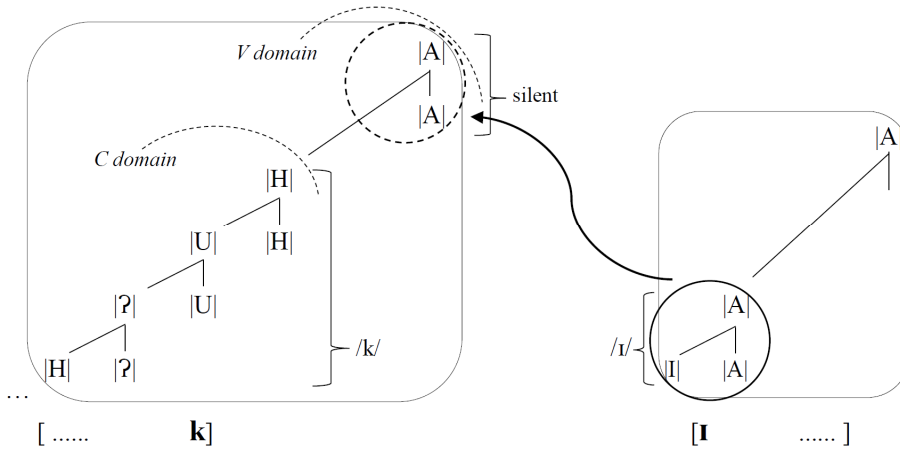
h. /dʒ/



3 domains under the head |H|

4. 非時系列音韻論における軟口蓋音軟化

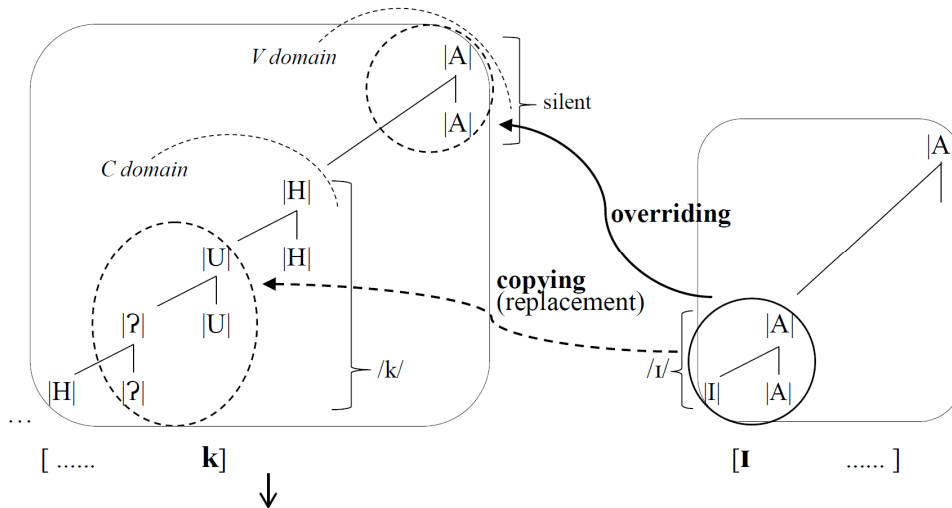
(8) 英語の接尾辞付加

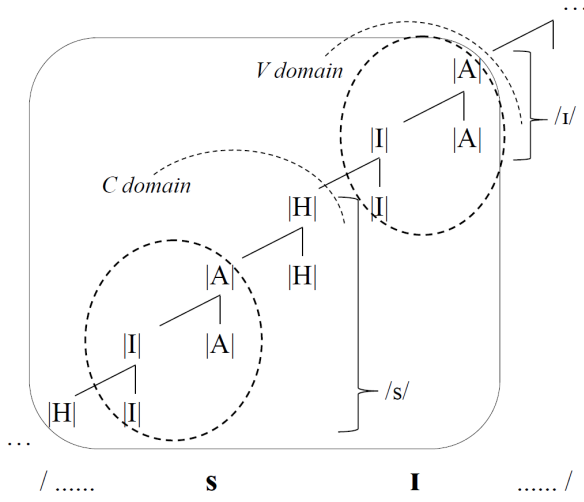


(9) ALT NONHI-NONLOW_{SUFF} WITH HI_{BAS}V

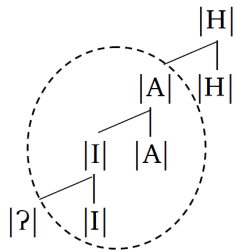
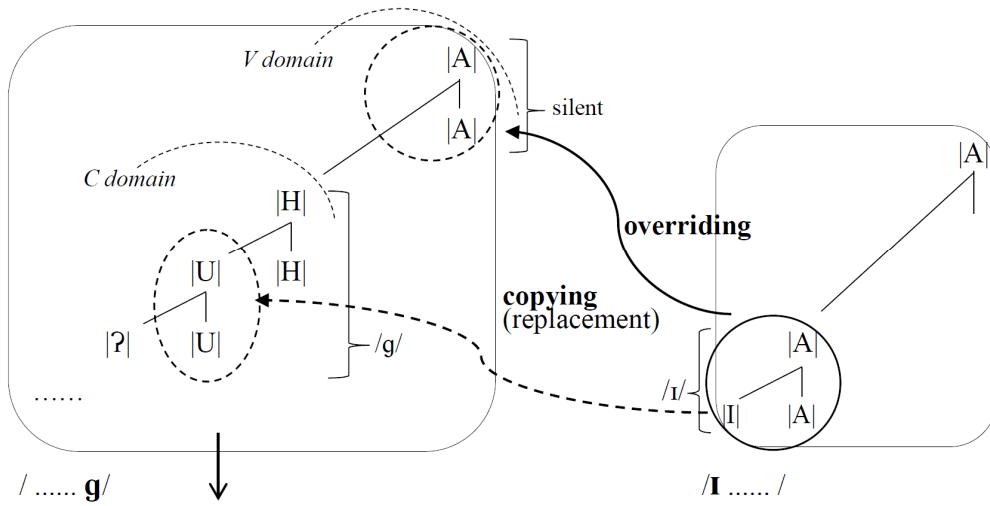
Alternate an expression which is neither highest nor lowest in the consonantal domain of the base with the copied lowest vocalic domain of the suffix.

(10) /k/~/s/





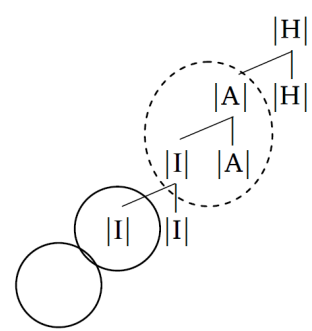
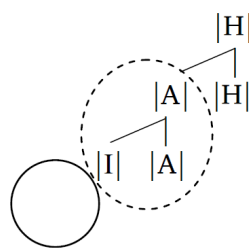
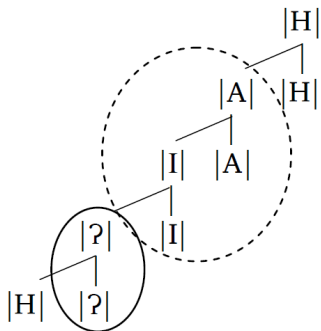
(11) /g/~/dʒ/



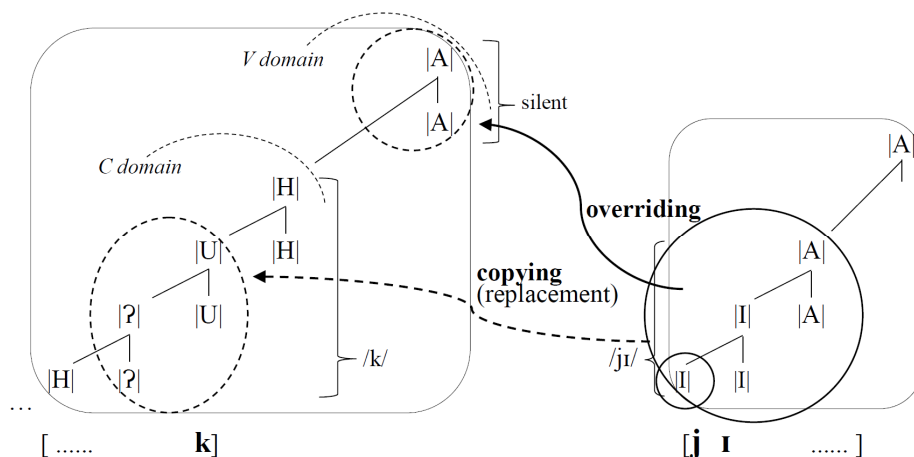
(12) a. */k/~/tʃ/

b. */g/~/z/

c. */g/~/ʒ/



(13) /k/ → /ʃ/ / ___/ɪ/



5. 結論

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