

1 Determining PSR rules for Other Languages

10. HIXKARYANA

(Data from Derbyshire 1985)

Look carefully at the following data from a Carib language from Brazil (the glosses have been slightly simplified from the original):

- a) Kuraha yonyhoryeno biyekomo.
bow made boy
"The boy made a bow."
- b) Newehyatxhe woriskomo komo.
take-bath women all
"All the women take a bath."
- c) Toto heno komo yonoye kamara.
person dead all ate jaguar
"The jaguar ate all the people."

Now answer the following questions about Hixkaryana:

- 1) Is there any evidence for a determiner category in Hixkaryana? Be sure to consider quantifier words as possible determiners (like *some* and *all*).
- 2) Is there evidence for an AP rule in Hixkaryana?
- 3) Posit an NP rule to account for Hixkaryana. (Be careful to do it for the second line, the word-by-word gloss, in these examples not the third line.)
- 4) Posit a VP rule for Hixkaryana.
- 5) Posit an S rule for Hixkaryana.
- 6) What is the part of speech of *newehyatxhe*? How do you know?
- 7) Draw the trees for (a) and (c) using the rules you posited above. (Hint: if your trees don't work, then you have probably made a mistake in the rules.)
- 8) Give bracketed diagrams for the same sentences.

2 Determining PSR and Movements for Other Languages

Consider the following German sentences:

2.1 In the main clause

- (1) Ich lese ein Buch.
I read a book.
'I read a book.'
- (2) Ich lese ein Buch heute.
I read a book today.
'I read a book today.'
- (3) Ich muss ein Buch lesen.
I must one book read.
'I must read a book.'
- (4) Ich habe ein Buch gelesen.
I have one book read.
'I have read a book.'
- (5) Heute muss ich ein Buch lesen.
Today must I one book read.
'I must read a book today.'
- (6) Ein Buch muss ich lesen.
a book must I read.
'I must read a book.'

2.2 In embedded clause

- (7) Sie weiß, dass ich ein Buch lesen muss.
she know, that I one book read must.
'She knows that I must read a book.'
- (8) Sie weiß, dass ich ein Buch gelesen habe.
she know, that I one book read have.
'She knows that I have read a book'

2.3 Questions

- (9) Lesen Sie das Buch?
Read you the book?
'Do you read the book(formal)?'
- (10) Müssen Sie das Buch lesen?
Must you the book read?
'Must you read the book?'

- (11) * Lesen das Buch Sie?
Read the book you?
Intended: do you read the book(formal)?

Questions:

1. What is the basic word order in German?
2. Formulate an NP rule
3. Formulate a VP rule
4. Formulate a TP rule
5. Where does the adverb *heute* 'today' attach to? Formulate an adjunct rule to account for the position of *heute*.
6. What movements are needed to generate sentences in 1.1 and 1.2? Formulate two movement rules in words, and draw the underlying structure and the surface structure. Draw the trees for (5) as an example
7. What movement is needed to generate sentences in 1.3 with your phrase structure rules? Draw the trees for (9) as an example.