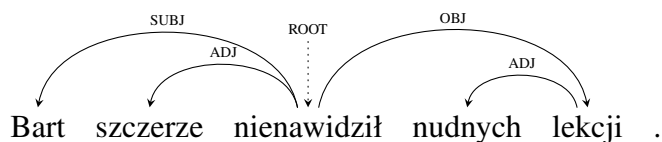


1. *Bart szczerze nienawidził nudnych lekcji.* (wersja z „tradycyjnym” uzgodnieniem – w regułach)

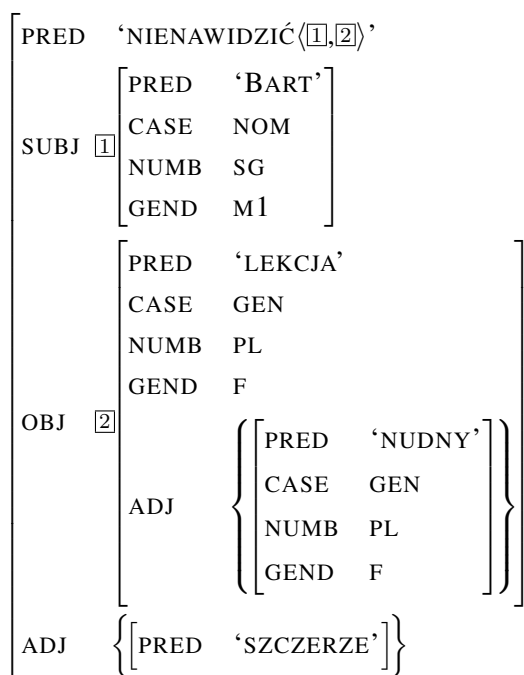
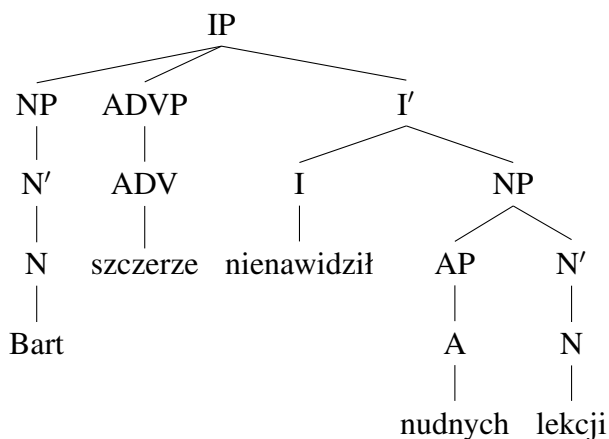


Leksykon:

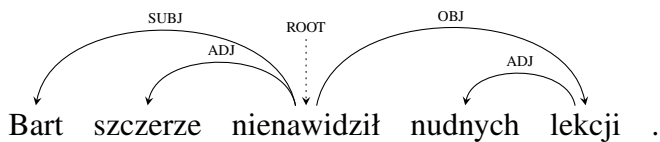
- I  $\rightarrow$  *nienawidził*  
 $(\uparrow \text{ PRED}) = \text{'NIENAWIDZIĆ'}(\langle \text{SUBJ}, \text{OBJ} \rangle)$   
 $(\uparrow \text{ SUBJ CASE}) = \text{NOM}$   
 $(\uparrow \text{ SUBJ NUMB}) = \text{SG}$   
 $(\uparrow \text{ SUBJ GEND}) = \text{M1}$   
 $(\uparrow \text{ OBJ CASE}) = \text{GEN}$
- N  $\rightarrow$  *Bart*  
 $(\uparrow \text{ PRED}) = \text{'BART'}$   
 $(\uparrow \text{ CASE}) = \text{NOM}$   
 $(\uparrow \text{ NUMB}) = \text{SG}$   
 $(\uparrow \text{ GEND}) = \text{M1}$
- N  $\rightarrow$  *lekcji*  
 $(\uparrow \text{ PRED}) = \text{'LEKCJA'}$   
 $(\uparrow \text{ CASE}) = \text{GEN}$   
 $(\uparrow \text{ NUMB}) = \text{PL}$   
 $(\uparrow \text{ GEND}) = \text{F}$
- A  $\rightarrow$  *nudnych*  
 $(\uparrow \text{ PRED}) = \text{'NUDNY'}$   
 $(\uparrow \text{ CASE}) = \text{GEN}$   
 $(\uparrow \text{ NUMB}) = \text{PL}$   
 $(\uparrow \text{ GEND}) = \text{F}$
- ADV  $\rightarrow$  *szczerze*  
 $(\uparrow \text{ PRED}) = \text{'SZCZERZE'}$

Reguły:

- IP  $\rightarrow$  NP ADVP I'  
 $(\uparrow \text{ SUBJ}) = \downarrow \quad \downarrow \in (\uparrow \text{ ADJ}) \quad \uparrow = \downarrow$
- I'  $\rightarrow$  I NP  
 $\uparrow = \downarrow \quad (\uparrow \text{ OBJ}) = \downarrow$
- NP  $\rightarrow$  AP\* N'  
 $\downarrow \in (\uparrow \text{ ADJ}) \quad \uparrow = \downarrow$   
 $(\uparrow \text{ CASE}) = (\downarrow \text{ CASE})$   
 $(\uparrow \text{ GEND}) = (\downarrow \text{ GEND})$   
 $(\uparrow \text{ NUMB}) = (\downarrow \text{ NUMB})$
- N'  $\rightarrow$  N  
 $\uparrow = \downarrow$
- AP  $\rightarrow$  A  
 $\uparrow = \downarrow$
- ADVP  $\rightarrow$  ADV  
 $\uparrow = \downarrow$



# 1. *Bart szczerze nienawidził nudnych lekcji.* (wersja z uzgodnieniem w leksykonie)

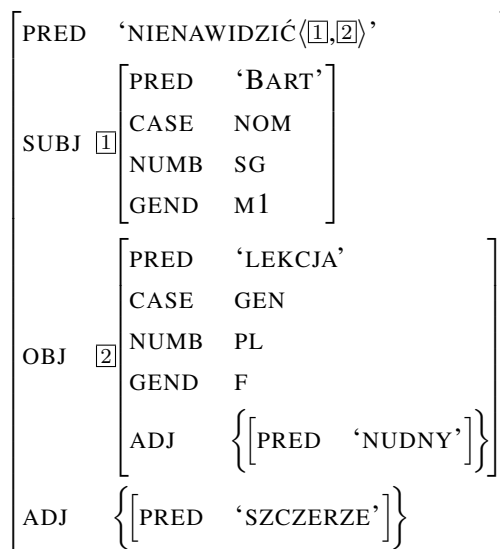
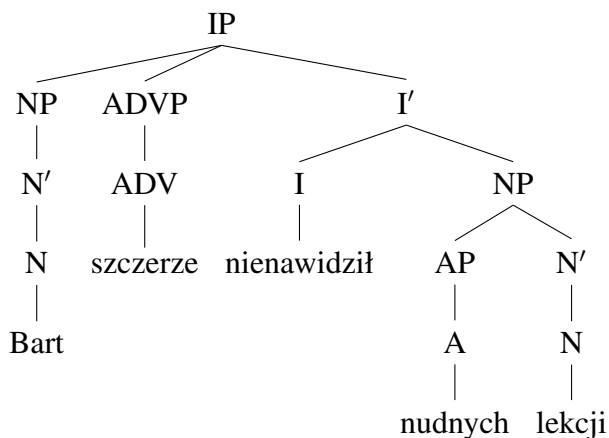


Leksykon:

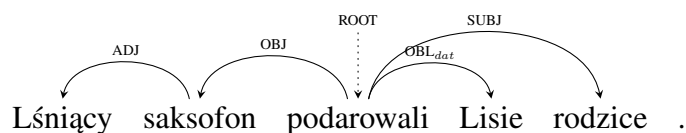
- I → *nienawidził*  
 $(\uparrow \text{ PRED}) = \text{'NIENAWIDZIĆ'}$   
 $(\uparrow \text{ SUBJ CASE}) = \text{NOM}$   
 $(\uparrow \text{ SUBJ NUMB}) = \text{SG}$   
 $(\uparrow \text{ SUBJ GEND}) = \text{M1}$   
 $(\uparrow \text{ OBJ CASE}) = \text{GEN}$
- N → *Bart*  
 $(\uparrow \text{ PRED}) = \text{'BART'}$   
 $(\uparrow \text{ CASE}) = \text{NOM}$   
 $(\uparrow \text{ NUMB}) = \text{SG}$   
 $(\uparrow \text{ GEND}) = \text{M1}$
- N → *lekcji*  
 $(\uparrow \text{ PRED}) = \text{'LEKCJA'}$   
 $(\uparrow \text{ CASE}) = \text{GEN}$   
 $(\uparrow \text{ NUMB}) = \text{PL}$   
 $(\uparrow \text{ GEND}) = \text{F}$
- A → *nudnych*  
 $(\uparrow \text{ PRED}) = \text{'NUDNY'}$   
 $((\text{ADJ} \in \uparrow) \text{ CASE}) = \text{GEN}$   
 $((\text{ADJ} \in \uparrow) \text{ NUMB}) = \text{PL}$   
 $((\text{ADJ} \in \uparrow) \text{ GEND}) = \text{F}$
- ADV → *szczerze*  
 $(\uparrow \text{ PRED}) = \text{'SZCZERZE'}$

Reguły:

- IP → NP ADVP I'  
 $(\uparrow \text{ SUBJ}) = \downarrow$   $\downarrow \in (\uparrow \text{ ADJ})$   $\uparrow = \downarrow$
- I' → I NP  
 $\uparrow = \downarrow$   $(\uparrow \text{ OBJ}) = \downarrow$
- NP → AP\* N'  
 $\downarrow \in (\uparrow \text{ ADJ})$   $\uparrow = \downarrow$
- N' → N  
 $\uparrow = \downarrow$
- AP → A  
 $\uparrow = \downarrow$
- ADVP → ADV  
 $\uparrow = \downarrow$

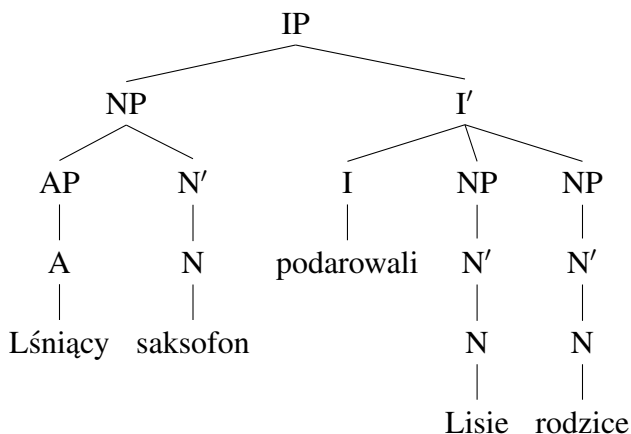


## 2. *Lśniący saksofon podarowali Lisie rodzice.* (wersja z „tradycyjnym” uzgodnieniem – w regułach)



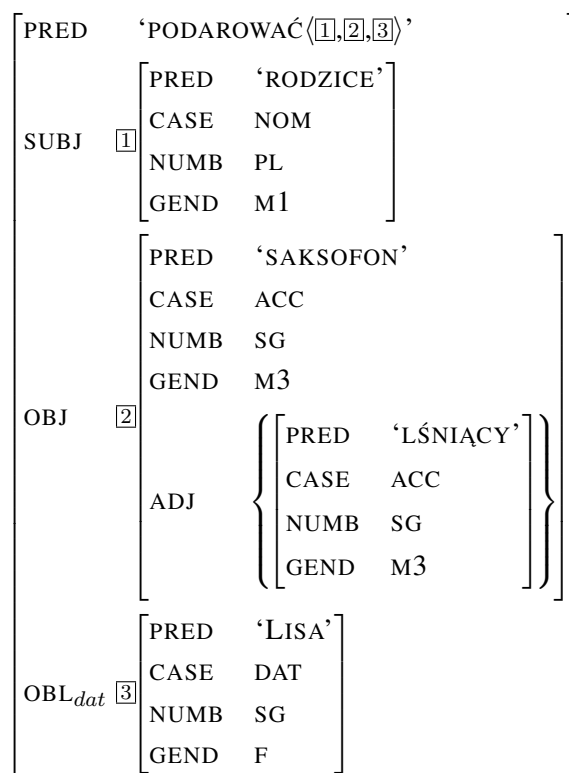
Leksykon:

- I → *podarowali*  
 $(\uparrow \text{ PRED}) = \text{'PODAROWAĆ'}$   
 $(\uparrow \text{ SUBJ CASE}) = \text{NOM}$   
 $(\uparrow \text{ SUBJ NUMB}) = \text{PL}$   
 $(\uparrow \text{ SUBJ GEND}) = \text{M1}$   
 $(\uparrow \text{ OBJ CASE}) = \text{ACC}$   
 $(\uparrow \text{ OBL}_{\text{dat}} \text{ CASE}) = \text{DAT}$
- N → *rodzice*  
 $(\uparrow \text{ PRED}) = \text{'RODZIC'}$   
 $(\uparrow \text{ CASE}) = \text{NOM}$   
 $(\uparrow \text{ NUMB}) = \text{PL}$   
 $(\uparrow \text{ GEND}) = \text{M1}$
- N → *Lisie*  
 $(\uparrow \text{ PRED}) = \text{'LISA'}$   
 $(\uparrow \text{ CASE}) = \text{DAT}$   
 $(\uparrow \text{ NUMB}) = \text{SG}$   
 $(\uparrow \text{ GEND}) = \text{F}$
- N → *saksofon*  
 $(\uparrow \text{ PRED}) = \text{'SAKSOFON'}$   
 $(\uparrow \text{ CASE}) = \text{ACC}$   
 $(\uparrow \text{ NUMB}) = \text{SG}$   
 $(\uparrow \text{ GEND}) = \text{M3}$
- A → *lśniący*  
 $(\uparrow \text{ PRED}) = \text{'LŚNIAĆ'}$   
 $(\uparrow \text{ CASE}) = \text{ACC}$   
 $(\uparrow \text{ NUMB}) = \text{SG}$   
 $(\uparrow \text{ GEND}) = \text{M3}$

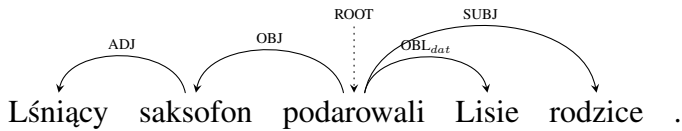


Reguły:

- IP → NP I'  
 $(\uparrow \text{ OBJ}) = \downarrow \quad \uparrow = \downarrow$
- I' → I NP NP  
 $\uparrow = \downarrow \quad (\uparrow \text{ OBL}_{\text{dat}}) = \downarrow \quad (\uparrow \text{ SUBJ}) = \downarrow$
- NP → AP\* N'  
 $\downarrow \in (\uparrow \text{ ADJ}) \quad \uparrow = \downarrow$   
 $(\uparrow \text{ CASE}) = (\downarrow \text{ CASE})$   
 $(\uparrow \text{ GEND}) = (\downarrow \text{ GEND})$   
 $(\uparrow \text{ NUMB}) = (\downarrow \text{ NUMB})$
- N' → N  
 $\uparrow = \downarrow$
- AP → A  
 $\uparrow = \downarrow$



## 2. *Lśniący saksofon podarowali Lisie rodzice.* (wersja z uzgodnieniem w leksykonie)



Leksykon:

- I → *podarowali*  
 $(\uparrow \text{ PRED}) = \text{'PODAROWAĆ'}$   
 $(\uparrow \text{ SUBJ CASE}) = \text{NOM}$   
 $(\uparrow \text{ SUBJ NUMB}) = \text{PL}$   
 $(\uparrow \text{ SUBJ GEND}) = \text{M1}$   
 $(\uparrow \text{ OBJ CASE}) = \text{ACC}$   
 $(\uparrow \text{ OBL}_{\text{dat}} \text{ CASE}) = \text{DAT}$
- N → *rodzice*  
 $(\uparrow \text{ PRED}) = \text{'RODZIC'}$   
 $(\uparrow \text{ CASE}) = \text{NOM}$   
 $(\uparrow \text{ NUMB}) = \text{PL}$   
 $(\uparrow \text{ GEND}) = \text{M1}$
- N → *Lisie*  
 $(\uparrow \text{ PRED}) = \text{'LISA'}$   
 $(\uparrow \text{ CASE}) = \text{DAT}$   
 $(\uparrow \text{ NUMB}) = \text{SG}$   
 $(\uparrow \text{ GEND}) = \text{F}$
- N → *saksofon*  
 $(\uparrow \text{ PRED}) = \text{'SAKSOFON'}$   
 $(\uparrow \text{ CASE}) = \text{ACC}$   
 $(\uparrow \text{ NUMB}) = \text{SG}$   
 $(\uparrow \text{ GEND}) = \text{M3}$
- A → *lśniący*  
 $(\uparrow \text{ PRED}) = \text{'LŚNIAĆ'}$   
 $((\text{ADJ} \in \uparrow) \text{ CASE}) = \text{ACC}$   
 $((\text{ADJ} \in \uparrow) \text{ NUMB}) = \text{SG}$   
 $((\text{ADJ} \in \uparrow) \text{ GEND}) = \text{M3}$

Reguły:

- IP → NP I'  
 $(\uparrow \text{ OBJ}) = \downarrow \quad \uparrow = \downarrow$
- I' → I NP NP  
 $\uparrow = \downarrow \quad (\uparrow \text{ OBL}_{\text{dat}}) = \downarrow \quad (\uparrow \text{ SUBJ}) = \downarrow$
- NP → AP\* N'  
 $\downarrow \in (\uparrow \text{ ADJ}) \quad \uparrow = \downarrow$
- N' → N  
 $\uparrow = \downarrow$
- AP → A  
 $\uparrow = \downarrow$

