

Gluing (SVC-type) Complex Predicates

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ALS 2010, University of Queensland

Tariana - Aikhenvald 2003

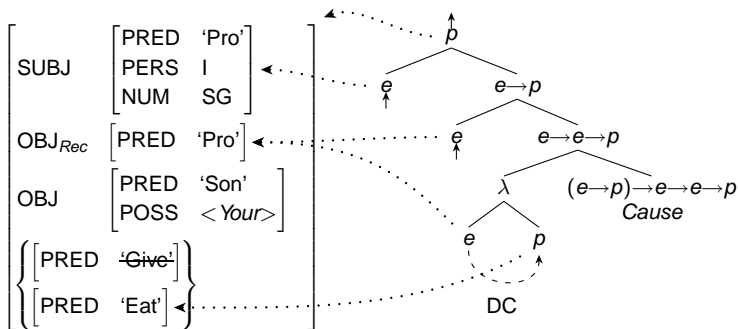
- a)** ma [wa-wa wa-dana] wa-yarupe=nuku
let's 1PL-read/play 1PL-write 1PL-thing=TOPIC
'Let's read and write up our language!' (symmetric SVC,
coordinate structure semantics)
- b)** ka:ru-ka nuha [nu-a=mahka
fear-DECL I 1SG-give=RECPAST:NONVIS
nu-hyã=niki] piri=nuku di-a=pidana
1SG-eat=COMPLT 2SG.son=TOPIC 3SGNF-say-REMPAST:INFR
'Being afraid, I let (the fish) eat your son, he said.'
(asymmetric SVC, causative semantics)

$$V \rightarrow \begin{matrix} V^* \\ \downarrow \in \uparrow \end{matrix}$$

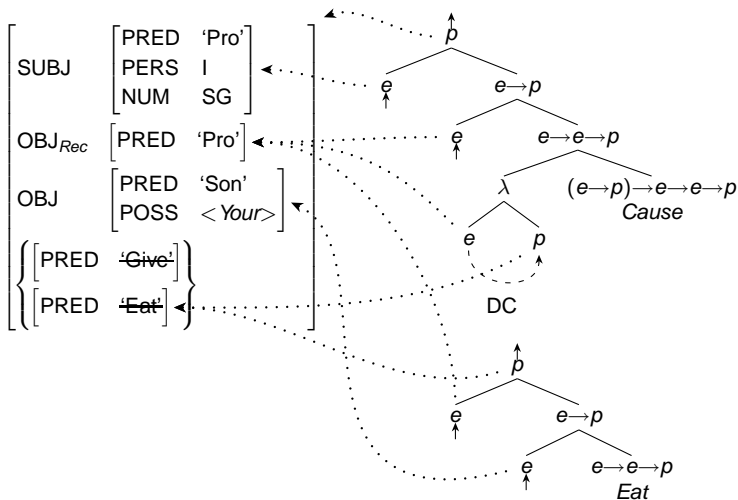
Tariana - Causative (asymmetric) SVC

SUBJ	<table><tr><td>PRED</td><td>'Pro'</td></tr><tr><td>PERS</td><td>I</td></tr><tr><td>NUM</td><td>SG</td></tr></table>	PRED	'Pro'	PERS	I	NUM	SG
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OBJ _{Rec}	<table><tr><td>PRED</td><td>'Pro'</td></tr></table>	PRED	'Pro'				
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OBJ	<table><tr><td>PRED</td><td>'Son'</td></tr><tr><td>POSS</td><td><Your></td></tr></table>	PRED	'Son'	POSS	<Your>		
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POSS	<Your>						
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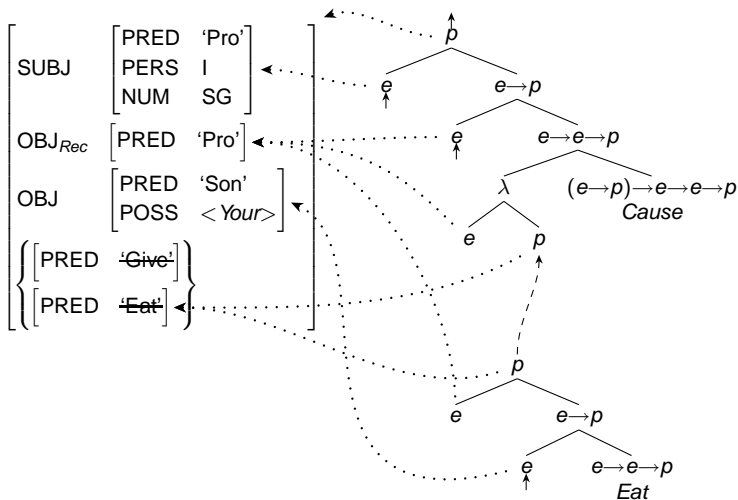
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Permissive Causative Explication

3-place causative causative

X did something to Y
because of this, Y did Z

Permissive causative

It could have happened like this:
 X does something to Y
 because of this, Y doesn't do Z
X didn't do this
because of this, Y did Z

Tariana - Symmetric SVCs

MOOD	HORT										
SUBJ	<table><tr><td>PRED</td><td>'Pro'</td></tr><tr><td>PERS</td><td>I</td></tr><tr><td>NUM</td><td>PL</td></tr></table>	PRED	'Pro'	PERS	I	NUM	PL				
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Tariana - Symmetric SVCs

$$f: \begin{bmatrix} \mathcal{GF}_1 & [\] \\ \vdots \\ \mathcal{GF}_n & [\] \\ \left\{ \begin{array}{l} f_1: [\] \\ \vdots \\ f_m: [\] \end{array} \right\} \end{bmatrix}$$

Tariana - Symmetric SVCs

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Tariana - Symmetric SVCs

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$$\lambda P_1 \dots P_m x_1 \dots x_n. \bigwedge_{i=1}^m P_i(x_1) \dots (x_n)$$

Tariana - Symmetric SVCs

$$f: \left[\begin{array}{ll} \text{SUBJ} & g: \left[\begin{array}{c} \end{array} \right] \\ \text{OBJ} & h: \left[\begin{array}{c} \end{array} \right] \\ \left\{ \begin{array}{l} f_1: \left[\begin{array}{ll} \text{PRED} & \text{'Read'} \end{array} \right] \\ f_2: \left[\begin{array}{ll} \text{PRED} & \text{'Write'} \end{array} \right] \end{array} \right\} \end{array} \right]$$

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Read : $(f \text{ OBJ})_e \multimap (f \text{ SUBJ})_e \multimap f_{1p}$

Write : $(f \text{ OBJ})_e \multimap (f \text{ SUBJ})_e \multimap f_{2p}$

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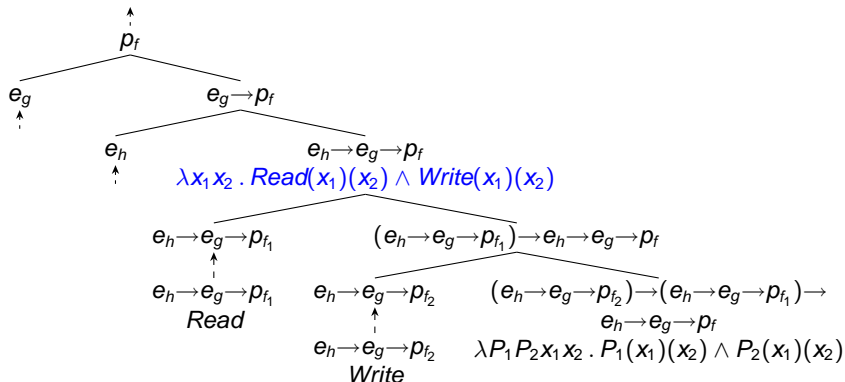
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Tariana - Symmetric SVCs



Tariana - Symmetric SVCs Lexicalized

[dima di-ñha di-emhani-pidana] kuphe-nuku
he.sleep he-eat he-walk-REM.P.REP fish-TOP.NON.A.S

He went fishing for several days; lit; 'he ate, walked and slept with respect to fish' (c.f. 'Eat, sleep and breathe unit testing')

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$$f: \left[\begin{array}{l} \text{SUBJ } g: [] \\ \text{OBJ } h: [\text{PRED 'Fish'}] \\ \left\{ \begin{array}{l} f_1: [\text{PRED 'Eat'}] \\ f_2: [\text{PRED 'Walk'}] \\ f_3: [\text{PRED 'Sleep'}] \end{array} \right\} \end{array} \right] \quad \lambda x. \text{Go_on_a_fishing_trip} : g_e \multimap f_p$$

[mhaĩsiki tara-tha] pi-kare phia
be.hungry(S_{io}) be.hard(S_o) 2sg-heart you

Your heart is hunger-hard; you don't feel much hunger