

Practice with basic OT formalism

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I. Which of the following tableaux, if any, provides a valid argument that B >> C?

(1)

/in/	B	C
a. ↗ out1	*	
b. out2	*	*

(2)

/in/	B	C
a. ↗ out1		
b. out2	*	*

(3)

/in/	B	C
a. ↗ out1		*
b. out2	*	*

(4)

/in/	B	C
a. ↗ out1	*****	*****
b. out2	*****	*****


(5)

/in/	B	C
a. ↗ out1		
b. out2		*


(6)

/in/	A	B	C
a. ↗ out1			*
b. out2	*	*	

(7)

/in/	A	B	C
a.  out1	*		*
b. out2	*	*	


(8)

/in/	B	C	A
a.  out1		*	
b. out2	*		*

(9) How would you add shading to the tableaux above?


II. Strategies in OT phonology

(10) You're halfway through working on a problem. You've come up with the following tableau:

/in/	A	B
a.  out1		*
b. out2		*

What does your analysis need?

(11) A particular input *in* has exactly three candidates associated with it: *out1*, *out2*, *out3*. UG contains exactly three constraints: *A*, *B*, *C*. Suppose after analyzing other examples, you come up with the following tableau in language L1:

/in/	A	B	C
a.  out1			*
b. out2	*	*	
c. out3		*	*

So L1 has the mapping *in/* → *out1*.

Do you predict that there will be a language L2 with the mapping *in/* → *out2*?

Do you predict that there will be a language L3 with the mapping *in/* → *out3*?

If either of your predictions turned out to be false, how would you improve the theory?

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