

## Tableaux for the Turkish Vowel Simulation

Appendix to “Phonological Acquisition in Optimality Theory,” by Bruce Hayes. To appear in Kager, Rene, Pater, Joe, and Zonneveld, Wim, (eds.), *Fixing Priorities: Constraints in Phonological Acquisition*, Cambridge University Press.; downloadable from Web page <http://www.linguistics.ucla.edu/people/hayes/acquisition/>.

/i i/	ALIGNL	ID(RD)/INIT	ID(HI)	*O	ALIGNR	*ROUND	ID(RD)
☞ [i i]							
*[i e]			*!				
*[e i]			*!				
*[e e]			*!*				
*[u u]		*!				**	**
*[u i]		*!			*	*	*
*[u e]		*!	*		*	*	*
*[u o]		*!	*	*		**	**
*[o u]		*!	*	*		**	**
*[o i]		*!	*	*	*	*	*
*[o e]		*!	**	*	*	*	*
*[o o]		*!	**	**		**	**
*[i u]	*!					*	*
*[e u]	*!		*			*	*
*[i o]	*!		*	*		*	*
*[e o]	*!		**	*		*	*

/i e/	ALIGNL	ID(RD)/INIT	ID(HI)	*O	ALIGNR	*ROUND	ID(RD)
☞ [i e]							
*[i i]			*!				
*[e e]			*!				
*[e i]			*!*				
*[u e]		*!			*	*	*
*[u o]		*!		*		**	**
*[u u]		*!	*			**	**
*[u i]		*!	*		*	*	*
*[o e]		*!	*	*	*	*	*
*[o o]		*!	*	**		**	**
*[o u]		*!	**	*		**	**
*[o i]		*!	**	*	*	*	*
*[i o]	*!			*		*	*
*[i u]	*!		*			*	*
*[e o]	*!		*	*		*	*
*[e u]	*!		**			*	*

/e i/	ALIGNL	ID(RD)/INIT	ID(HI)	*O	ALIGNR	*ROUND	ID(RD)
☞ [e i]							
*[i i]			*!				
*[e e]			*!				
*[i e]			*!*				
*[o u]		*!		*		**	**
*[o i]		*!		*	*	*	*
*[u u]		*!	*			**	**
*[u i]		*!	*		*	*	*
*[o e]		*!	*	*	*	*	*
*[o o]		*!	*	**		**	**
*[u e]		*!	**		*	*	*
*[u o]		*!	**	*		**	**
*[e u]	*!					*	*
*[i u]	*!		*			*	*
*[e o]	*!		*	*		*	*
*[i o]	*!		**	*		*	*

/e e/	ALIGNL	ID(RD)/INIT	ID(HI)	*O	ALIGNR	*ROUND	ID(RD)
☞ [e e]							
*[i e]			*!				
*[e i]			*!				
*[i i]			*!*				
*[o e]		*!		*	*	*	*
*[o o]		*!		**		**	**
*[u e]		*!	*		*	*	*
*[o u]		*!	*	*		**	**
*[u o]		*!	*	*		**	**
*[o i]		*!	*	*	*	*	*
*[u u]		*!	**			**	**
*[u i]		*!	**		*	*	*
*[e o]	*!			*		*	*
*[e u]	*!		*			*	*
*[i o]	*!		*	*		*	*
*[i u]	*!		**			*	*

/u u/	ALIGNL	ID(RD)/INIT	ID(HI)	*O	ALIGNR	*ROUND	ID(RD)
☞ [u u]						**	
*[u i]					*!	*	*
*[u e]			*!		*	*	*
*[u o]			*!	*		**	
*[o u]			*!	*		**	
*[o i]			*!	*	*	*	*
*[o e]			*!*	*	*	*	*
*[o o]			*!*	**		**	
*[i i]		*!					**
*[e i]		*!	*				**
*[i e]		*!	*				**
*[e e]		*!	**				**
*[i u]	*!	*				*	*
*[e u]	*!	*	*			*	*
*[i o]	*!	*	*	*		*	*
*[e o]	*!	*	**	*		*	*

/u e/	ALIGNL	ID(RD)/INIT	ID(HI)	*O	ALIGNR	*ROUND	ID(RD)
☞ [u e]					*	*	
*[u o]				*!		**	*
*[u u]			*!			**	*
*[u i]			*!		*	*	
*[o e]			*!	*	*	*	
*[o o]			*!	**		**	*
*[o u]			*!*	*		**	*
*[o i]			*!*	*	*	*	
*[i e]		*!					*
*[e e]		*!	*				*
*[i i]		*!	*				*
*[e i]		*!	**				*
*[i o]	*!	*		*		*	**
*[i u]	*!	*	*			*	**
*[e o]	*!	*	*	*		*	**
*[e u]	*!	*	**			*	**

/o u/	ALIGNL	ID(RD)/INIT	ID(HI)	*O	ALIGNR	*ROUND	ID(RD)
☞ [o u]				*		**	
*[o i]				*	*!	*	*
*[u u]			*!			**	
*[u i]			*!		*	*	*
*[o e]			*!	*	*	*	*
*[o o]			*!	**		**	
*[u e]			*!*		*	*	*
*[u o]			*!*	*		**	
*[e i]		*!					**
*[e e]		*!	*				**
*[i i]		*!	*				**
*[i e]		*!	**				**
*[e u]	*!	*				*	*
*[i u]	*!	*	*			*	*
*[e o]	*!	*	*	*		*	*
*[i o]	*!	*	**	*		*	*

/o e/	ALIGNL	ID(RD)/INIT	ID(HI)	*O	ALIGNR	*ROUND	ID(RD)
☞ [o e]				*	*	*	
*[o o]				**!		**	*
*[u e]			*!		*	*	
*[o u]			*!	*		**	*
*[u o]			*!	*		**	*
*[o i]			*!	*	*	*	
*[u u]			*!*			**	*
*[u i]			*!*		*	*	
*[e e]		*!					*
*[i e]		*!	*				*
*[e i]		*!	*				*
*[i i]		*!	**				*
*[e o]	*!	*		*		*	**
*[e u]	*!	*	*			*	**
*[i o]	*!	*	*	*		*	**
*[i u]	*!	*	**			*	**