

11 States

Vowel	<—	(2,5,9)	The transition
Space	<—>	(10)	3 —> 4 is
Consonant	<—	(3,4,6,7,8,11)	strong. t
Final Letter	<—>	(2,5,6,7,11)	dominates 3,
Initial Letter	<—>	(2,3,4,8,9)	h dominates 4,
Vowel Follower	<—	(7)	l dominates 1,
Vowel Preceder	<—	(4,8)	and i is entered
Final Letter	<—	(6)	90% of the time
Post-Consonant	<—	(1)	from 3 (t
			dominated).

More detailed analysis has shown that l in le and lo combination arises from state 1.

12 States

Vowel	<—	(2,5,8,10)	
Space	<—>	(11)	
Consonant	<—	(1,6,7,9,12)	The transition
Final Letter	<—>	(1,3,4,7,8,9,10)	12 —> 4 is
Initial Letter	<—>	(4,5,6,10,12)	strong. t
Vowel Follower	<—	(3,9)	dominates 12,
Vowel Preceder	<—	(6)	h dominates 4.
Final Letter	<—	(1)	
Consonant Follower	<—	(4,2)	
E	<—	(8)	

A vowel following state is next to appear although the most common digraph (pair of adjacent letters) th, begins to influence the models at about this point (6 states) and a consonant follower state containing h appears. As with the vowel states almost all the implicative properties which present themselves persist through 12 states.

As may be guessed, a vowel precedent state next shows itself, and this is essentially the last new state type. What does happen when more states are added is that the space state becomes implicative in both directions, as does a final letter state. This is what the model is willing to "spend" its parameters on, and it is interesting to note that rather than reflect new properties, the new model has "chosen" to strengthen the properties governing its behavior in smaller versions. There is, despite the remarks above concerning the persistence of properties, a trend toward states dominated by single letters, and the "e" state in the 12 state model is the strongest example of this, although the remarks alongside the models point out other instances. The reader may notice how h becomes more and more powerful in one state.

IV. The Letters of the Alphabet

The letters themselves may be examined from the point of view we have been developing here. To fix ideas