

Context (sequence thus far)	Probability of next symbol		
	$P(\mathbf{a}) = 0.425$	$P(\mathbf{b}) = 0.425$	$P(\square) = 0.15$
b	$P(\mathbf{a} \mid \mathbf{b}) = 0.28$	$P(\mathbf{b} \mid \mathbf{b}) = 0.57$	$P(\square \mid \mathbf{b}) = 0.15$
bb	$P(\mathbf{a} \mid \mathbf{bb}) = 0.21$	$P(\mathbf{b} \mid \mathbf{bb}) = 0.64$	$P(\square \mid \mathbf{bb}) = 0.15$
bbb	$P(\mathbf{a} \mid \mathbf{bbb}) = 0.17$	$P(\mathbf{b} \mid \mathbf{bbb}) = 0.68$	$P(\square \mid \mathbf{bbb}) = 0.15$
bbba	$P(\mathbf{a} \mid \mathbf{bbba}) = 0.28$	$P(\mathbf{b} \mid \mathbf{bbba}) = 0.57$	$P(\square \mid \mathbf{bbba}) = 0.15$