

	$\sigma$	$\beta$	action	arc added to $\mathcal{A}$
1.	[ROOT]	<i>they like bagels with lox</i>	SHIFT	
2.	[ROOT, <i>they</i> ]	<i>like bagels with lox</i>	ARC-LEFT	( <i>they</i> $\leftarrow$ <i>like</i> )
3.	[ROOT]	<i>like bagels with lox</i>	ARC-RIGHT	(ROOT $\rightarrow$ <i>like</i> )
4.	[ROOT, <i>like</i> ]	<i>bagels with lox</i>	ARC-RIGHT	( <i>like</i> $\rightarrow$ <i>bagels</i> )
5.	[ROOT, <i>like, bagels</i> ]	<i>with lox</i>	SHIFT	
6.	[ROOT, <i>like, bagels, with</i> ]	<i>lox</i>	ARC-LEFT	( <i>with</i> $\leftarrow$ <i>lox</i> )
7.	[ROOT, <i>like, bagels</i> ]	<i>lox</i>	ARC-RIGHT	( <i>bagels</i> $\rightarrow$ <i>lox</i> )
8.	[ROOT, <i>like, bagels, lox</i> ]	$\emptyset$	REDUCE	
9.	[ROOT, <i>like, bagels</i> ]	$\emptyset$	REDUCE	
10.	[ROOT, <i>like</i> ]	$\emptyset$	REDUCE	
11.	[ROOT]	$\emptyset$	DONE	