

Project and attach probabilities (conditioned on left corner and goal slot)							
l. corner	goal categ.	P(attach)	Pr(X1)	Pr(START)	Pr(X2)	Pr(X3)	sum
.	START-slot3						0
.	X1-slot3	711					711
.	X2-slot3						0
.	X3-slot3						0
.	X3-slot5	289					289
START	START-slot3						0
START	X1-slot3						0
START	X2-slot3						0
START	X3-slot3						0
START	X3-slot5						0
X1	START-slot3	9				285	294
X1	X1-slot3	20					20
X1	X2-slot3	702					702
X1	X3-slot3				5	10	15
X1	X3-slot5	57					57
X2	START-slot3	702	1				703
X2	X1-slot3	283					283
X2	X2-slot3		123		247		370
X2	X3-slot3						0
X2	X3-slot5				102		102
X3	START-slot3	289					289
X3	X1-slot3						0
X3	X2-slot3		57				57
X3	X3-slot3						0
X3	X3-slot5	2					2
a	START-slot3				998	2	1000
a	X1-slot3						0
a	X2-slot3	2			724		726
a	X3-slot3						0
a	X3-slot5						0
attachment	START-slot3						0
attachment	X1-slot3						0
attachment	X2-slot3						0
attachment	X3-slot3						0
attachment	X3-slot5						0
b	START-slot3						0
b	X1-slot3	74					74
b	X2-slot3	754	596		5		1355
b	X3-slot3	289	8				297
b	X3-slot5						0

Table 1: Left corner probabilities computed directly from labels in treebank

Shift probabilities (conditioned on starred nonT and its right sister)				
starCat.	goalCat.	Sh(b)	Sh(a)	Sh(.)
START-slot2	START-slot3		1000.0	
X1-slot2	X1-slot3	74.0		711.0
X2-slot2	X2-slot3	1355.0	726.0	
X3-slot2	X3-slot3	297.0		
X3-slot4	X3-slot5			289.0

Table 2: Left corner probabilities estimated from treebank