

Table 6: The TA1 grammar, consisting of 50 terminals and 28 rules

σ	\Rightarrow s1 s2 s3 s4
s1	\Rightarrow prec np2 vp ptag
s2	\Rightarrow frec np2 vp ftag
s3	\Rightarrow frec iv6 iv55
s4	\Rightarrow <i>that</i> np2 iv5 iv6 iv4 np2
np	\Rightarrow art noun propn
np2	\Rightarrow <i>the</i> noun propn
propn	\Rightarrow p vp2 p
pp	\Rightarrow p <i>and</i> p vp6 p p <i>and</i> p vp6
vp	\Rightarrow iv <i>and</i> com
vp2	\Rightarrow <i>who</i> tv np
com	\Rightarrow np iv2
rec	\Rightarrow p vp5 <i>that</i> rec p vp5 <i>that</i>
frec	\Rightarrow pf vp5 <i>that</i> rec
ftag	\Rightarrow , <i>doesn't she</i> ?
prec	\Rightarrow pp <i>that</i> rec
ptag	\Rightarrow , <i>don't they</i> ?
iv5	\Rightarrow <i>is</i> iv5-ex
iv55	\Rightarrow <i>is</i> iv55-ex
iv6	\Rightarrow <i>to</i> iv6-ex
art	\Rightarrow <i>the</i> <i>a</i>
noun	\Rightarrow <i>cat</i> <i>dog</i> <i>horse</i> <i>cow</i> <i>rabbit</i> <i>bird</i>
p	\Rightarrow <i>Joe</i> <i>Beth</i> <i>Jim</i> <i>Cindy</i> <i>Pam</i> <i>George</i>
pf	\Rightarrow <i>Beth</i> <i>Cindy</i> <i>Pam</i>
vp5	\Rightarrow <i>believes</i> <i>thinks</i>
vp6	\Rightarrow <i>believe</i> <i>think</i>
iv	\Rightarrow <i>meows</i> <i>barks</i>
iv2	\Rightarrow <i>laughs</i> <i>jumps</i> <i>flies</i>
iv5-ex	\Rightarrow <i>easy</i> <i>tough</i> <i>eager</i>
iv55-ex	\Rightarrow <i>easy</i> <i>tough</i>
iv6-ex	\Rightarrow <i>please</i> <i>read</i>
iv4	\Rightarrow <i>annoys</i> <i>worries</i> <i>disturbs</i> <i>bothers</i>
tv	\Rightarrow <i>scolds</i> <i>loves</i> <i>adores</i> <i>worships</i>