

INTRODUCTION TO NATURAL LANGUAGE PROCESSING Fall 2019, Graded Quiz #3

Do **NOT** answer on this sheet. This sheet **WON'T** be graded.

All this quiz will make use of (portions of) the following SCFG and lexicon which are here provided on a separate page for convenience:

1	S	->	NP	VP	[0.2]	
2	S	->	S	Conj	S	[A]
3						
4	NP	->	Det	NS	[0.5]	
5	NP	->	Det	Adj	NS	[0.2]
6	NP	->	NP	PNP	[B]	
7	NP	->	NP	VP	[C]	
8	NP	->	NS	[0.1]		
9						
10	NS	->	N	[D]		
11	NS	->	N	NS	[0.7]	
12						
13	VP	->	AV	PNP	[E]	
14	VP	->	AV	NP	[0.4]	
15						
16	AV	->	V	[0.5]		
17	AV	->	Adv	V	[F]	
18						
19	PNP	->	Prep	NP	[G]	

a	Det	0.4
adventure	N	0.2
console	N	0.1
<Date>	N	0.1
first	Adj	0.7
first	Adv	1
for	Prep	0.8
game	N	0.2
great	Adj	0.3
is	V	0.5
<Name>	N	0.2
on	Prep	0.2
released	V	0.5
the	Det	0.6
video	N	0.2

When referring to a rule, it'll be numbered according to the above line numbers; e.g., the rule R_{13} is VP -> AV PNP (and R_{12} does not exist). S is the top-level symbol.