

# SIMPLE PCFG FOR A SUBSET OF ENGLISH

Grammar	Prob.	Lexicon
S → NP VP	0.8	Det → the   a   that   this
S → Aux NP VP	0.1	0.6 0.2 0.1 0.1
S → VP	0.1	Noun → book   flight   meal   money
NP → Pronoun	0.2	0.1 0.5 0.2 0.2
NP → Proper-Noun	0.2	Verb → book   include   prefer
NP → Det Nominal	0.6	0.5 0.2 0.3
Nominal → Noun	0.3	Pronoun → I   he   she   me
Nominal → Nominal Noun	0.2	0.5 0.1 0.1 0.3
Nominal → Nominal PP	0.5	Proper-Noun → Houston   NWA
VP → Verb	0.2	0.8 0.2
VP → Verb NP	0.5	Aux → does
VP → VP PP	0.3	1.0
PP → Prep NP	1.0	Prep → from   to   on   near   through
		0.25 0.25 0.1 0.2 0.2