Lab4: PoS Tagging of WSJ Sentences

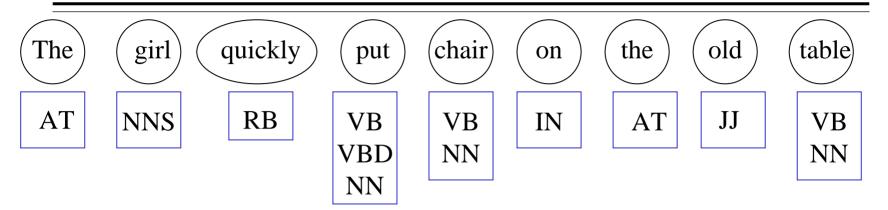| The	girl	quickly	put	chair	on	the	old	table
AT	NNS	RB	VB VBD NN	VB NN	IN	AT	JJ	VB NN

- **Use the given training and testing sentences (guidelines for PoS tagging provided)**
- **Use WorldNet to associate each word in each test sentence all possible PoS tags**
- **Consider each word as a state, and the associated tags as potential outputs emitted from each state**
- **Estimate Markov models of PoS tags, and use them to find the most likely sequence of PoS tags for each sentence**
- **Solve the problem with dynamic programming based Viterbi search**
- **Provide both the best and correct tagging sequences and the corresponding probabilities. Describe possible ways you can improve the performance?**

CSIP