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were correct, including these new tuples can only hurt our prediction. Therefore, this algorithm should not perform as well as Collins' with our test data.

### **My Pseudo-Biased Backed-off Algorithm**

I created a version of a back-off algorithm that I called pseudo-biased (for lack of a better name). In this version, I wanted the training to mimic the training of a typical Perceptron learner. The trained data contains almost the same identical tuples as the Collins and Naïve. Except in this version, two entries for V and N attachment respectively are replaced with one general tuple only i 501 x N attachment respectively are



