

# Lab Report 4

We modified the *CONLL* corpus to read the test set.

We created a *HashMap* in Java to store word pair frequencies and iterated through each sentence and each list to find words and heads with dependency relation *SS*. These were added to the map and the number of occurrences stored. The same was then done for triples, starting with relation *OO* and then *SS*.

<b>Pairs</b>	<b>occurrences</b>	<b>Triples</b>	<b>occurrences</b>
det är	319	man gifter sig	29
som är	210	jag tycker är	25
man kan	207	jag tror är	19
Det är	198	Man vänder sig	18
man har	130	jag tror är	17

We wrote our own classes *Pair* and *Triple* and had some problems with the *equals* and *hashCode* functions that we were eventually able to fix. The rest of the lab was pretty straightforward.