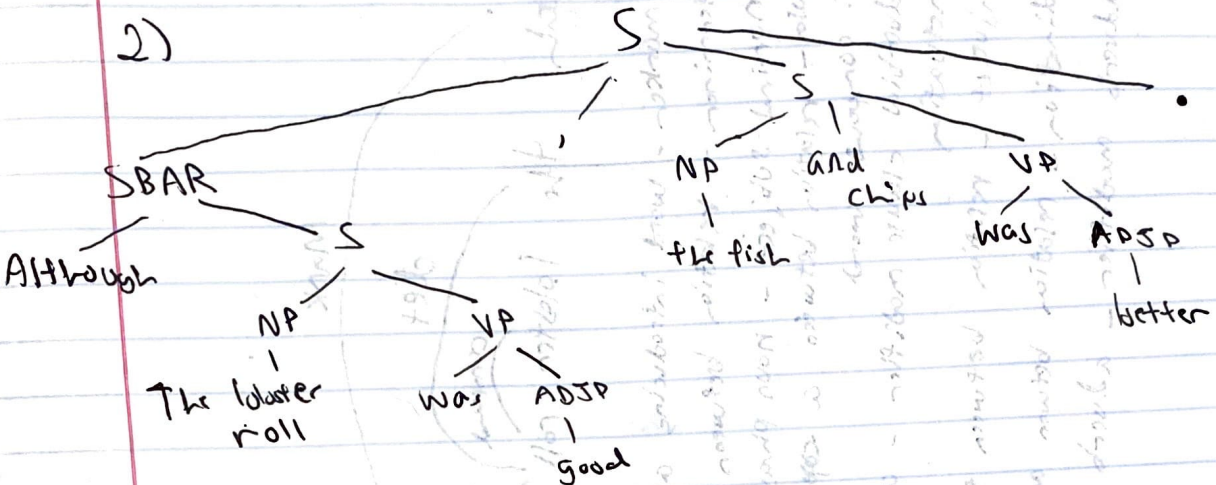
Sentence Parsing

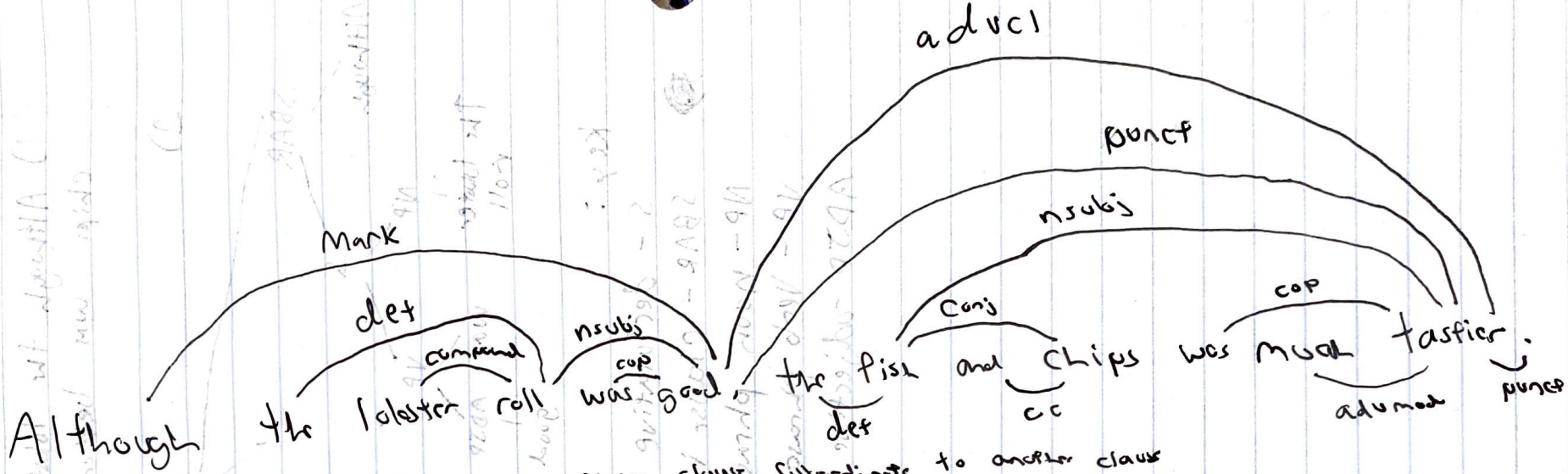
1) Although the lobster roll was good, the fish and chips was better

2)



Key:

- S - declarative clause
- SBAR - clause introduced by a subordinating conjunction
- NP - noun phrase
- VP - verb phrase
- ADJP - adjective phrase



mark: marker - word introducing a finite clause subordinate to another clause
det: determiner - relation between head of an NP and its determiner
nsubj: nominal subject - noun phrase which is the syntactic subject of a clause
cop: copula - relation between a ~~copular~~ complement of a copular verb and another copular verb
compound: compound word
advcl: adverbial clause modifier - a clause modifying the verb
punct: punctuation
conj: conjunct - relation between two elements connected by a conjunction
cc: coordination - relation between an element of a conjunct and coordinating conjunction word
advmod: adverb modifier - adverb that modifies the meaning of the word

4) 2 frames for was

1. Although [Arg 1: the lobster roll] [V: was] [Arg 2: good], the fish and chips was much tastier

2. [Argm-Adv: Although the lobster roll was good], [Arg 1: the fish and chips] [V: was] [Arg 2: much tastier]

Arg1 and Arg2 are arguments
V is the verb
Argm-Adv is the modifier-adverbial

Argm-adv is a modifier and adds more info
Arg 1 is the passive actor
Arg 2 is the [redacted] instrument or attribute

5) When looking at PSG parsing the pros about using a tree is that it shows each token sub-phrases and shows the hierarchy of how they fall into the sentence. This helps a lot when parsing as it becomes easier to build structure based off of rules that can be seen from certain patterns of sentence structures. The issue with it though is that it is difficult to get certain grammatical syntax and rules from certain phrases. When using dependency parsing it is easier to see how certain sub-phrases and words are dependent on each other and make sentences much more understandable. The cons of using dependency parsing is that it is a little harder to understand, but personally it is the best to use for building a sentence structure property.

The pros of using Semantic role label parsing is that for each construct there is a specific role that is known in relation to other words in the sentence. The downside to using SRL parse is that it is harder to build certain full phrase and syntactically correct sentence because only some arguments are picked up.