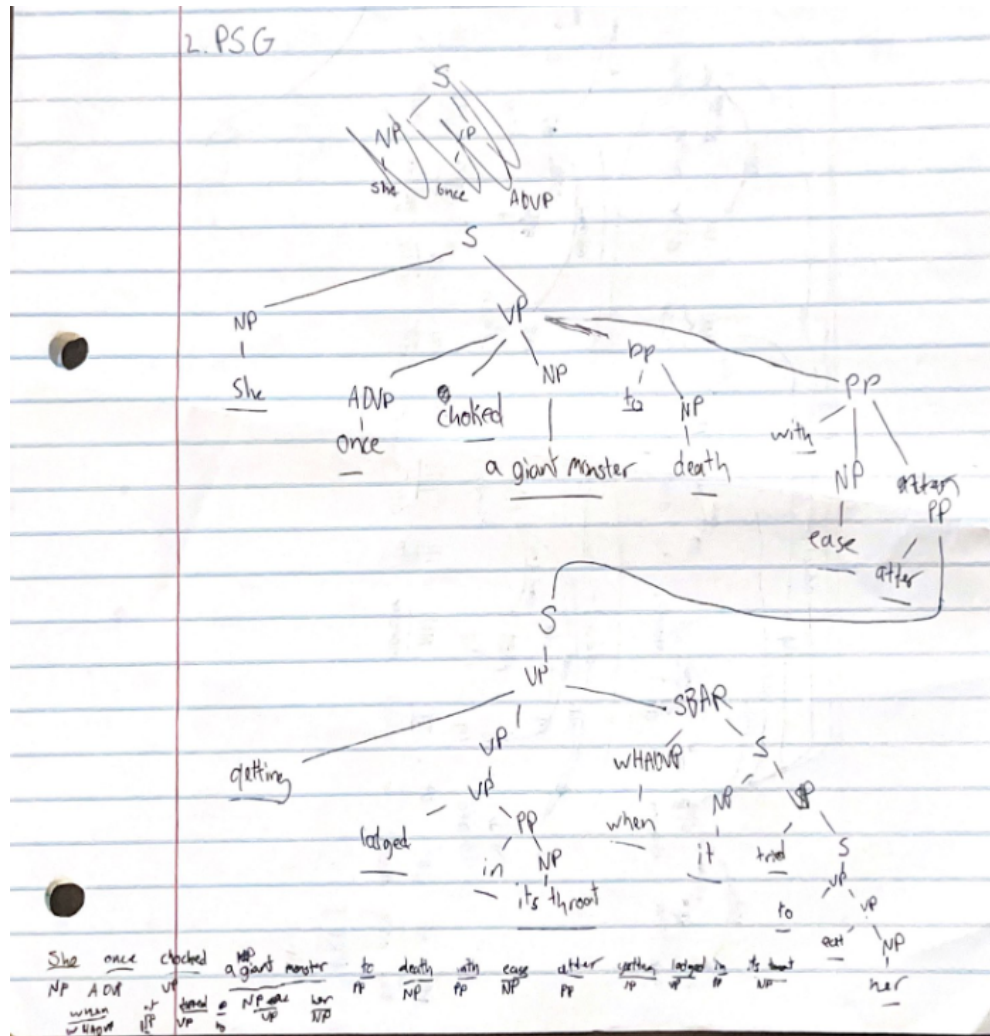


Portfolio Assignment: Sentence Parsing

Sentence: She once choked a giant monster to death with ease after getting lodged in its throat when it tired to eat her.

2. PSG



NP: She, a giant monster, death, ease, its throat, it, her

VP: choked, getting, lodged, tired, to, eat

PP: to, with, after, in

WHADVP: when

NP: Is a Noun Phrase which is a word or group of word that functions as the subject, object.

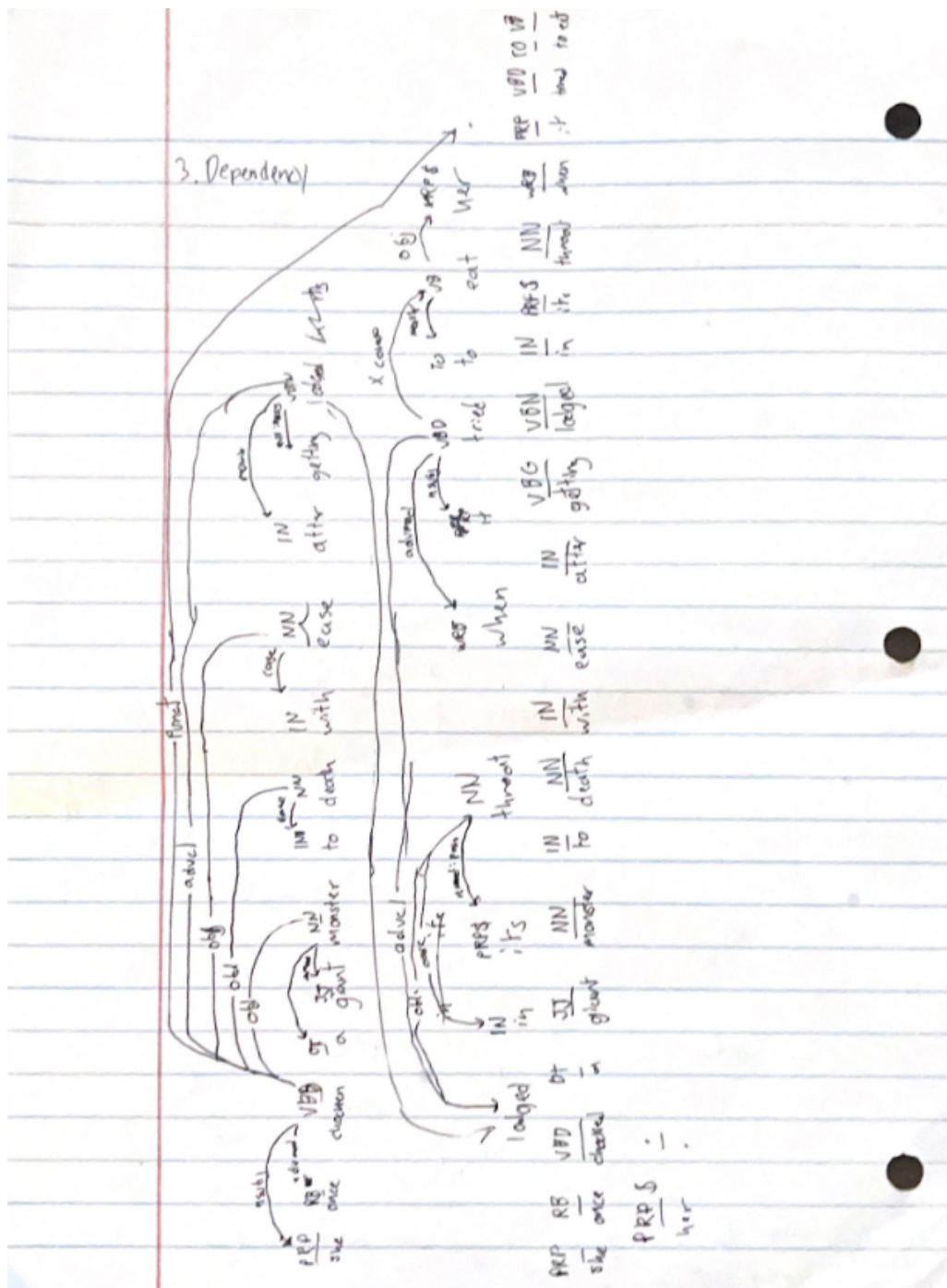
VP: Is a Verb Phrase which is was a word or group of words that function as the verb with at least one auxiliary words.

PP: Is a Prepositional phrase are adjective or adverb describing other words or phrases.

SBAR: Is a Subordinate Clause that contains subject and verb, but can not form a complete sentence.

S: simple declarative clause

3.



Punct: (Choked, .)

Advcl: {choked modify lodged}, {lodged, modify tried}

Obl: {ease describes context to choked},{death describe context to choked},{throat describe context to lodged},

Obj: {monster is the object of choked},{her is the object of eat}

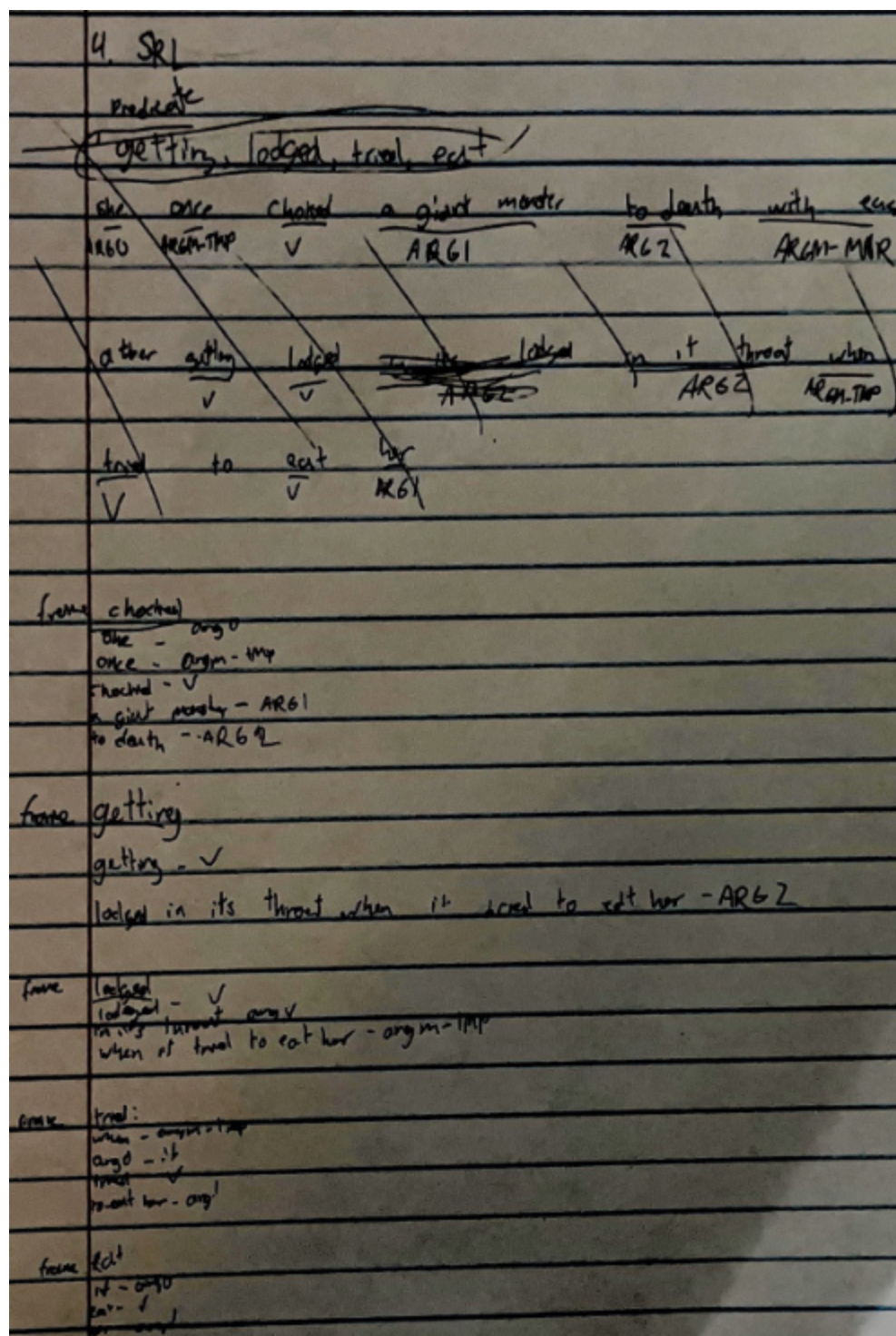
Case: {to is the syntactic word to death}, {with is the syntactic word to case}, {in is the syntactic word to threat}

Nmod: {its nominal modifiers threat}

Mark: {to introduces eat}, {after introduces lodged}

Advmod: {when modify tired}

4.



She was the arg0 for the first predicate(choked), therefore she was the agent of the sentences with the giant monster as the passive actor and the to death was the arg2 or the instrument. In the 2nd predicate getting, she was the arg1 as the passive actor, with arg2 of lodged in its throats when it tried to eat her as the instrument to arg1. In the third predicate, lodged in its throat was the instrument of lodged.

In the fourth predicate, tired the to eat her phrase the the arg0 which is the agent of the sentence.

In conclusion out of the parser, I think dependency is the best performing parser as it gives the clearest context out of all the parser. The pros of dependency, it gives direct relations with other words into separating into reverse trees. The cons of dependency, is that its gives difficult to a human to process as the linking words which gets confusing. The next best performing parser is the PSG. The pros of psg is that it break the sentence into constituents or phrases which get broken down further till the most basic from. Its easy for a computer to parse as all of the steps are recurvises. The con is that in my sentences there was many different broken down parts initials, making the tree long and difficult to read. Lastly the SRL parser the next best, pro of the SRL that tag all of the words with a specific tag, making organizing best. The con is that the sentence brokeage is based on verb.