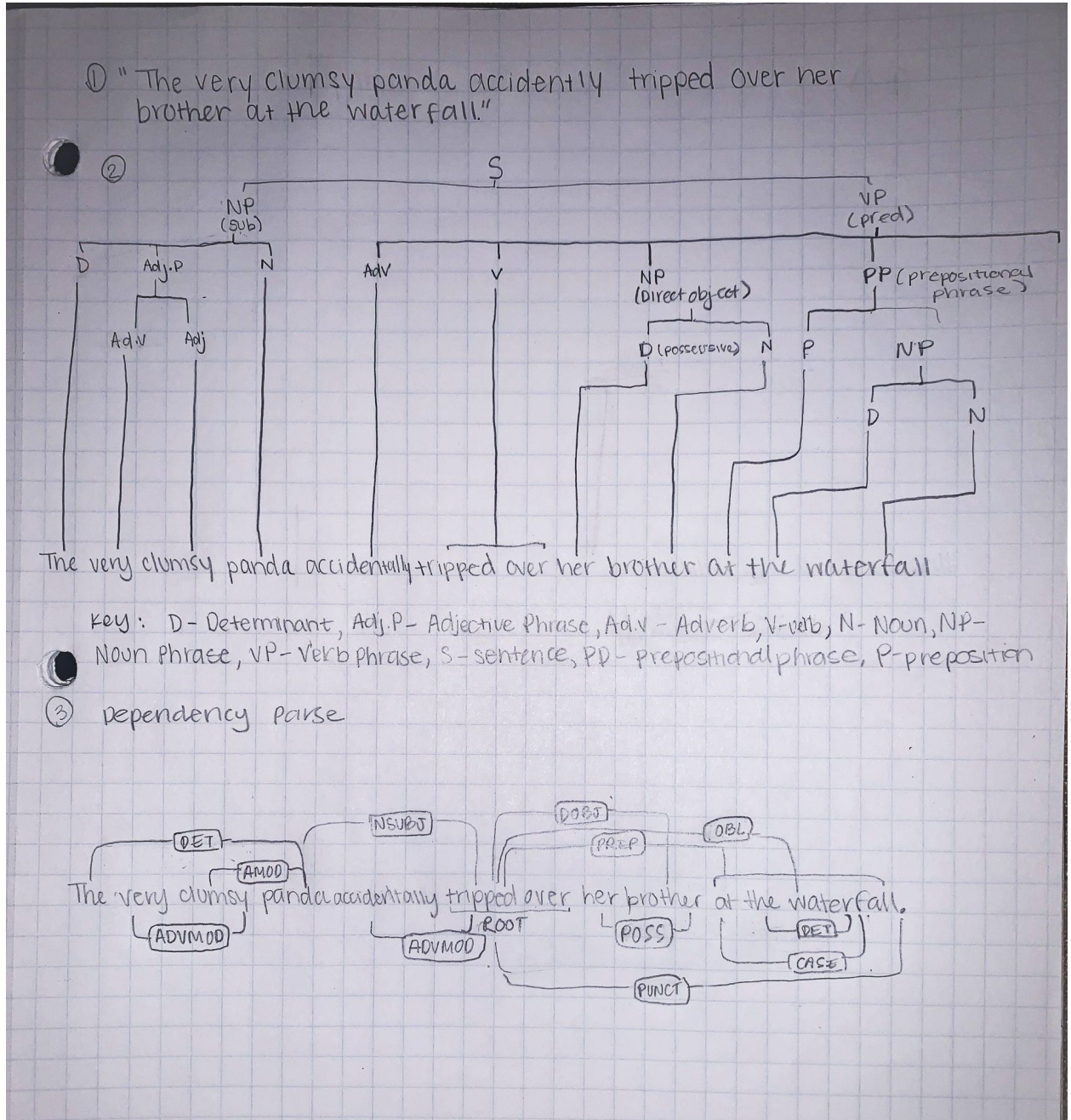


1. "The very clumsy panda accidentally tripped over her brother at the waterfall"



2. PSG parse tree
3. Dependency parse tree
 - Uses: ADVMOD, DET, AMOD, NSUBJ, OBL, CASE, POSS, PUNCT and PREP
 - ADVMOD: An adverb modifier of a word is a (non-clausal) adverb or adverb-headed phrase that serves to modify the meaning of the word.

- AMOD: An adjectival modifier of an NP is any adjectival phrase that serves to modify the meaning of the NP
- DET: A determiner is the relation between the head of an NP and its determiner.
- DOBJ: The direct object of a VP is the noun phrase which is the (accusative) object of the verb.
- NSUBJ: A nominal subject is a noun phrase that is the syntactic subject of a clause.
- POSS: The possession modifier relation holds between the head of an NP and its possessive determiner, or a genitive 's complement
- PREP: A prepositional modifier of a verb, adjective, or noun is any prepositional phrase that serves to modify the meaning of the verb, adjective, noun, or even another preposition.
- PUNCT: This is used for any piece of punctuation in a clause if punctuation is retained in the typed dependencies. By default, punctuation is not retained in the output.

4. SRL Parse

Arguments: actors in the sentence

Modifiers: more details such as time and place

ARG 0: The very clumsy panda

ARG 1: over her brother

ARGM-MNR: accidentally

ARGM-LOC: at the waterfall

Verb: tripped (predicate)

ARG 0 gives us the who, the agent

ARG 1 gives us the to whom, (the thing that was done) "tripped" happened over her brother, the theme

Modifiers: MNR and LOC

MNR: how the action was performed

LOC: where the action happened

5. Pros and Cons

- For the PSG parse tree: Pros: very similar to what we learn in basic schooling, using familiar labels, simple. Cons: lacked detail
- For Dependency parse: Pros: very detailed, thorough, showed relationships really well. Cons: at times too convoluted, labels were not all self-explanatory, word require prior knowledge of dependency tags from Stanford dependencies manual
- For SRL Parse: (my personal favorite) Pros: descriptive, simple yet detailed enough, breaking things into arguments with labels indicate an agent/passive actor, more realistic breakdown of how we read and interpret sentences. Cons: some modifier labels are not self explanatory; would probably require a little prior knowledge to understand