```
import stanza

# Norwegian Stanza model
stanza.download("no")
nlp = stanza.Pipeline("no", processors="tokenize,pos,lemma,depparse")

# load corpus
with open("elo_tesla.txt", "r", encoding="utf-8") as file:
    text = file.read()

# store parsed results
parsed_data = []
unparsed_count = 0

# Process with Stanza
doc = nlp(text)

# Open the file for writing structured dependency data
with open("parsed_dependency.txt", "w", encoding="utf-8") as f:
    for sentence in doc.sentences:
        f.write(f"Sentence: {sentence.text}\n")

        for word in sentence.words:

            f.write(f"{word.text}\t{word.lemma}\t{word.upos}\n")

        f.write("\n")

# Summary
print(f"Total sentences: {len(doc.sentences)}")
print("Dependency parsing completed and saved in 'parsed_dependency.txt'.")
```