

START OF QUIZ

Student ID:

93941052,MacCabe,Jata

Question 1

Topic: Lecture 4

Source: Lecture 4

If we were to attempt joint NER and SRL, how would we set up the model? Describe the input, the architecture, and the output. (2)

Question 2

Topic: Lecture 1

Source: Lecture 1

Explain one way that NER tagging is similar to POS tagging, and two ways it's different. (1)

Question 3

Topic: Lecture 2

Source: Lecture 2

How can we use POS/morphological tagging to aid in temporal relation extraction? (1)

Question 4

Topic: Lecture 1
Source: Lecture 1

What lexical features might you use to identify the named entities in the following sentences? “Ronald Reagan? The actor? Then who’s Vice-President, Jerry Lewis? I suppose Jane Wyman is the First Lady! And Jack Benny is Secretary of the Treasury!” (At least 2)
(1)

Question 5

Topic: Lecture 3

Source: Lecture 3

How can semantic roles be used to identify relations in relation extraction? How can they help us identify false positives from our system? (2)

Question 6

Topic: Lecture 4

Source: Lecture 4

Why do you think that we pass the output of our classifier to an ILP solver instead of just incorporating the constraints into the model? (1)

Question 7

Topic: Lecture 3

Source: Lecture 3

Roles like “Subject / Object” don’t translate very well across some languages (most notably between Nominative-Accusative languages like English, and Ergative-Absolutive languages, like Basque). Do you think that semantic roles are more likely to be consistent? Briefly explain why or why not. (2)

Question 8

Topic: Lecture 2

Source: Lecture 2

Explain how relation extraction and named entity recognition are related, and how they differ. (1)

Question 9

Topic: Coding

Source: Lecture 3

Identify all of the theta-roles in the following sentences: It all began with the forging of the Great Rings. Three were given to the Elves; immortal, wisest and fairest of all beings. Seven were handed to the Dwarf Lords, great miners and craftsmen of the mountain halls. And nine, nine rings were gifted to the race of Men, who above all else desire power. For within them was bound the strength and will to govern each race. But they were all of them deceived... for another ring was made. (3)

END OF QUIZ