

START OF QUIZ

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Question 1

Topic: Topic4

Source: Lecture 4

Make a brief argument about whether WordNet should be considered an ontology or a knowledge base.

Question 2

Topic: Topic3

Source: Lecture 3

What is the Modus Ponens conclusion available from the following statements? If Modus Ponens does not apply, state so. Jim has hair. Bald men have no hair.

Question 3

Topic: Topic1

Source: Lecture 1

What is the relationship between a book and a novel?

Question 4

Topic: Topic4

Source: Lecture 4

In class, we've discussed links in an ontology as positive predicates. Do you think it is worthwhile to create negative predicates (ie, Hamlet is not alive), etc.? What might be some benefits and disadvantages of such an approach, and does one outweigh the other?

Question 5

Topic: Topic2

Source: Lecture 2

In class, I mentioned that we rarely do WSD explicitly, because we would need one model per word. In COLX 521, we saw that we could lemmatize words to reduce them to a common form. Why couldn't we do something similar (like reducing all synonyms to a common hypernym) for WSD?

Question 6

Topic: Topic2

Source: Lecture 2

Describe why the “most frequent sense” baseline is so strong. What are some assumptions that it makes?

Question 7

Topic: Topic3

Source: Lecture 3

Is implication transitive? That is, if $A \rightarrow B$, and $B \rightarrow C$, does $A \rightarrow C$? Explain.

Question 8

Topic: Topic1

Source: Lecture 1

Why is Wu-Palmer similarity more reliable than path similarity?

Question 9

Topic: Coding

Source: Lecture 4

Give an example of 3 OWL statements, other than we described in class. (ie, an example of an inverse relationship is ...; an example of a transitive relationship is ...)

END OF QUIZ