

START OF QUIZ

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Question 1

Topic: Lecture 3

Source: Lecture 3

What are the benefits of using adapter layers instead of fine-tuning? (1)

Question 2

Topic: Lecture 1

Source: Lecture 1

Describe why “language endangerment” and “language extinction” are contentious term. (1)

Question 3

Topic: Lecture 4

Source: Lecture 4

What are the differences between hard and soft EM, and why do they matter? (1)

Question 4

Topic: Lecture 3

Source: Lecture 3

What potential features of low-resource languages (other than data scarcity) might prevent the successful transfer of information from a HRL? (1)

Question 5

Topic: Lecture 1

Source: Lecture 1

Imagine a language is described as “low-resource”. If you could create a single automated tool for the language, what would it be? List any assumptions. (1)

Question 6

Topic: Lecture 2

Source: Lecture 2

In transfer learning, how do you decide which layers of a pre-trained model to freeze and which to fine-tune when adapting it to a new language or task? Give an example of when you might choose to freeze or fine-tune specific layers. (2)

Question 7

Topic: Lecture 4

Source: Lecture 4

I briefly mentioned the idea of silver data and bootstrapping in class. What do you think are the limits of silver data? Can you think of any ways to counter them? (2)

Question 8

Topic: Lecture 2

Source: Lecture 2

Isolate languages do not have any known related languages (Ainu, X̣aat Kíł, and Klingon are some examples). How might you approach using cross-lingual transfer for an isolate? (2)

Question 9

Topic: Long

Source: Lecture 4

I'm working with a few field linguists who have been annotating a low-resource language for the last year, and they present me with their “huge” dataset of 1000 annotated sentences, assuming I can create a 95

END OF QUIZ