

CSCI 5582

Artificial Intelligence

Lecture 25
Jim Martin

CSCI 5582 Fall 2006

Today 12/5

- Machine Translation
 - Review MT
 - Models
 - Training
 - Decoding
 - Phrase-based models
 - Evaluation

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Readings

- Chapters 22 and 23 in Russell and Norvig
- Chapter 24 of Jurafsky and Martin

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Machine Translation

C₁ DAIYU ALONE ON BED TOP THINK BAOCHAI
E₁ As she lay there alone Dairu's thoughts turned to Baochai .

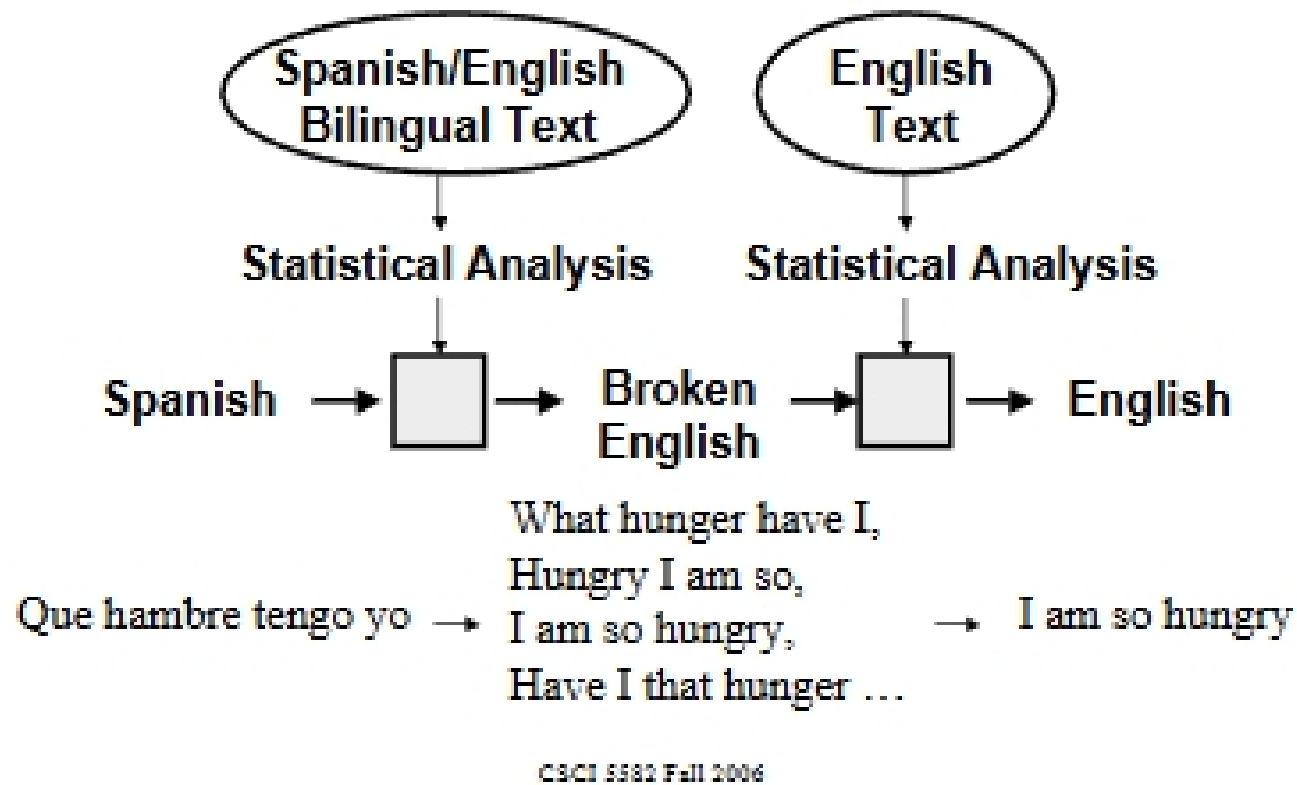
C₂ AGAIN LISTEN-TO WINDOW OUTSIDE BAMBOO TIP PLANTAIN LEAF OF ON-TOP RAIN SOUND SIGH DRIP
E₂ Then she listened to the insistent rustle of the rain on the bamboo and plantains outside her window .

C₃ CLEAR COLD PENETRATE CURTAIN
E₃ The coldness penetrated the curtains of her bed .

C₄ NOT FEELING FALL DOWN TEARS COME
E₄ Almost without noticing it she had begun to cry .

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Statistical MT Systems



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