

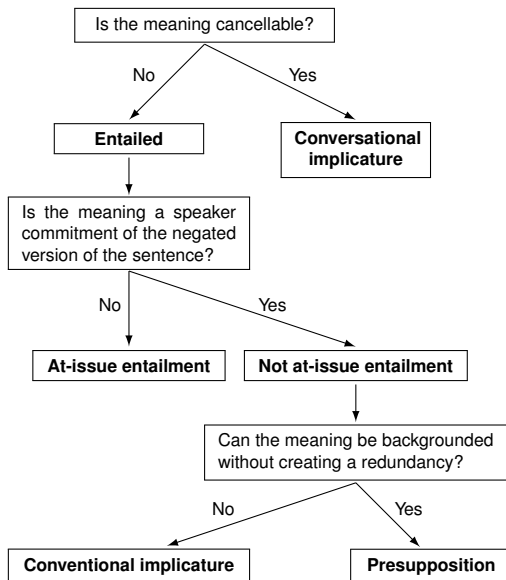
Diagnosing different kinds of meaning

Christopher Potts
Stanford Linguistics

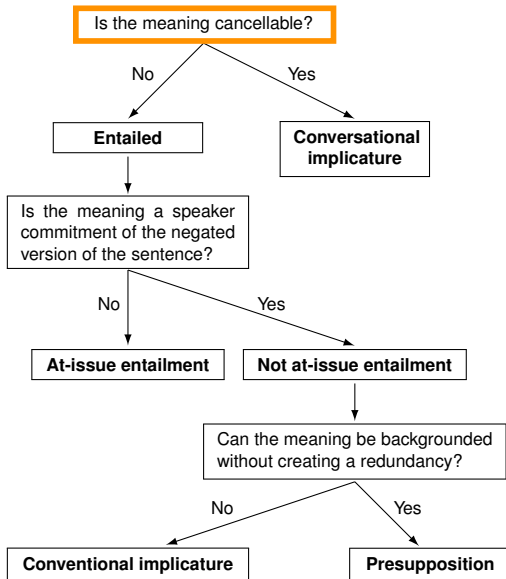
Linguist 130a/230a: Introduction to semantics and pragmatics



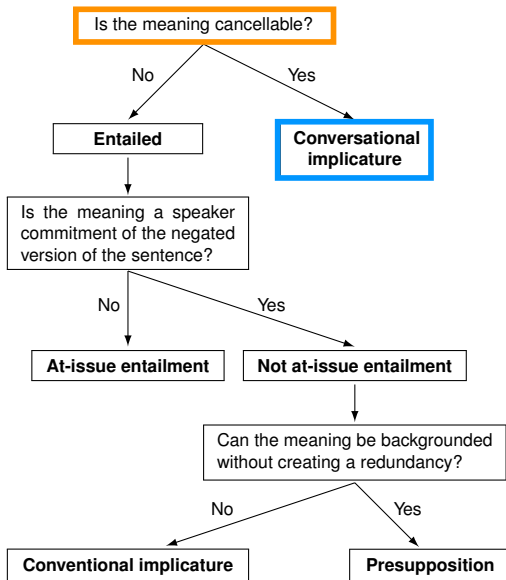
Diagnostic chart



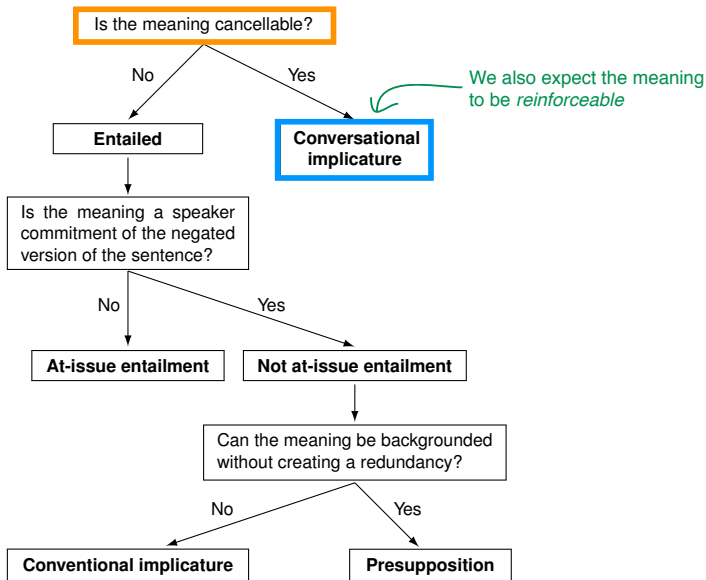
Diagnostic chart



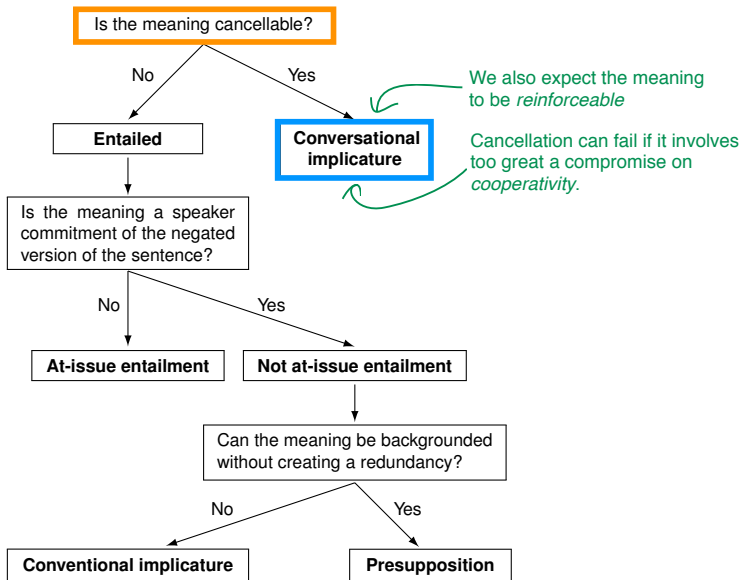
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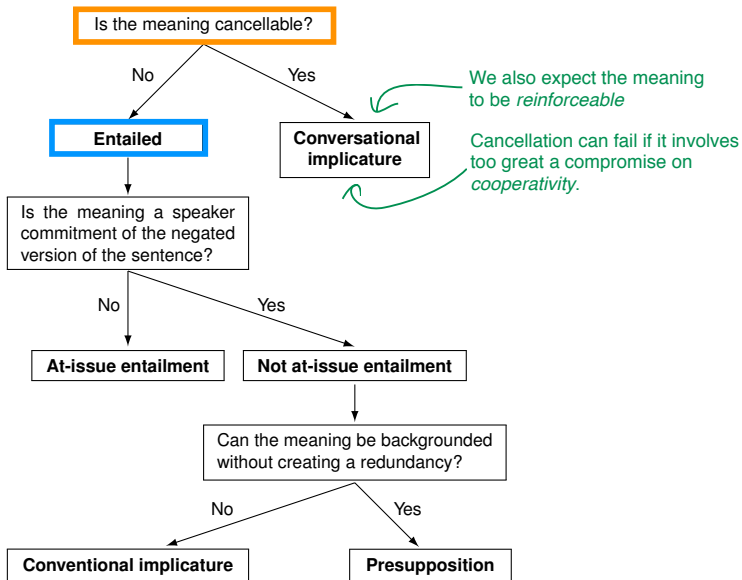
Diagnostic chart



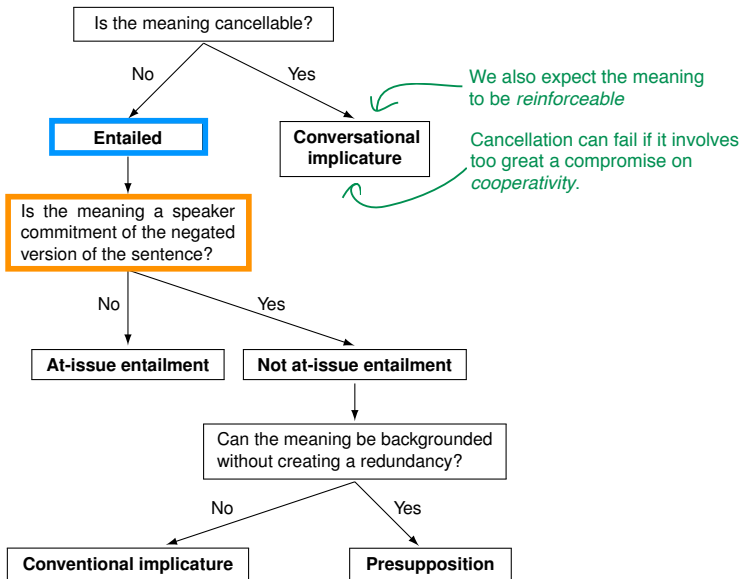
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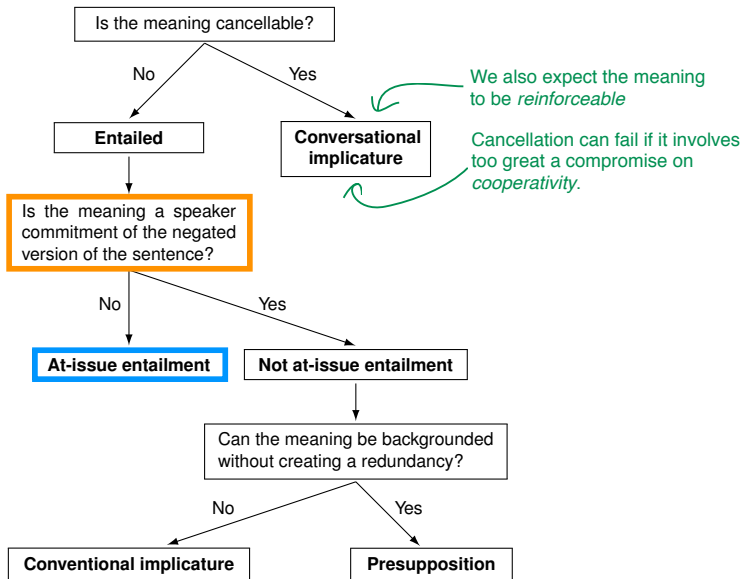
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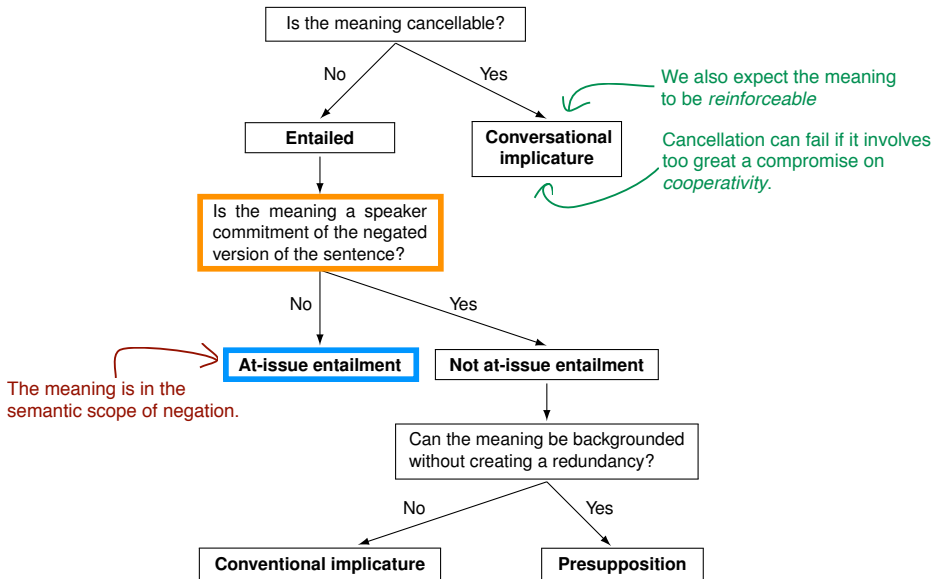
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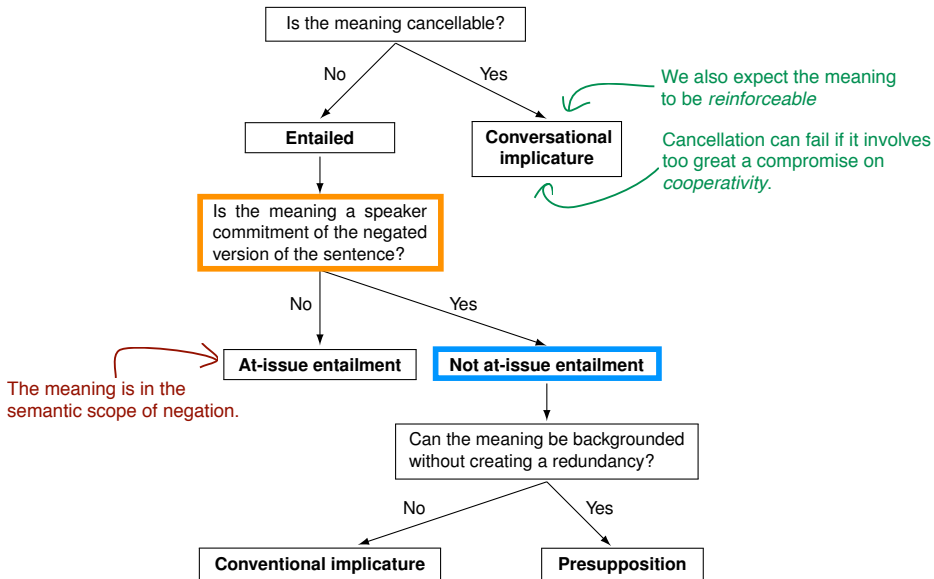
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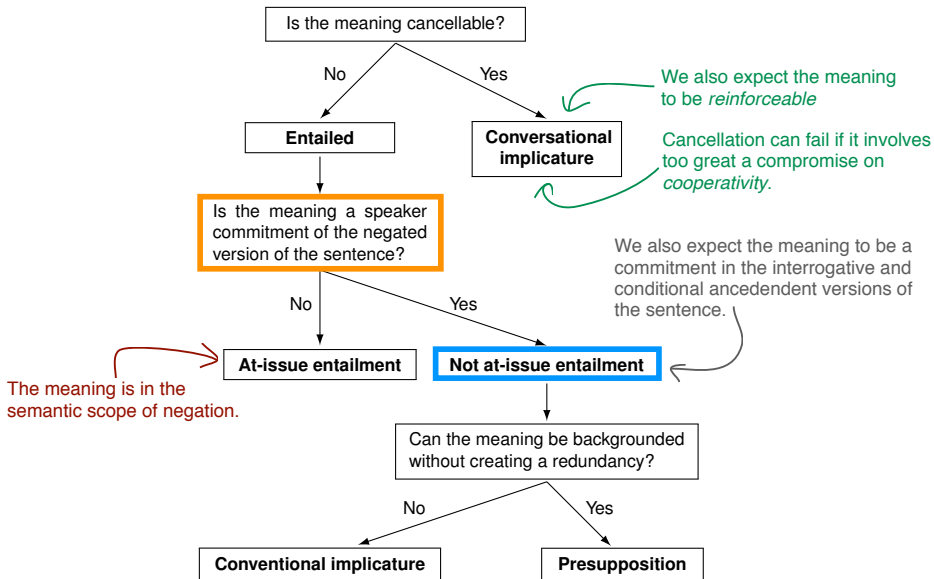
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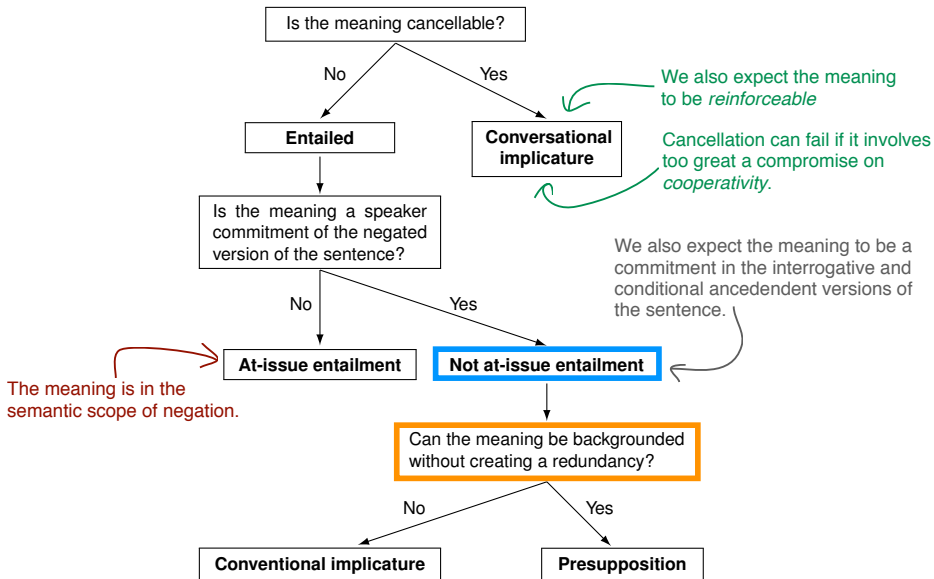
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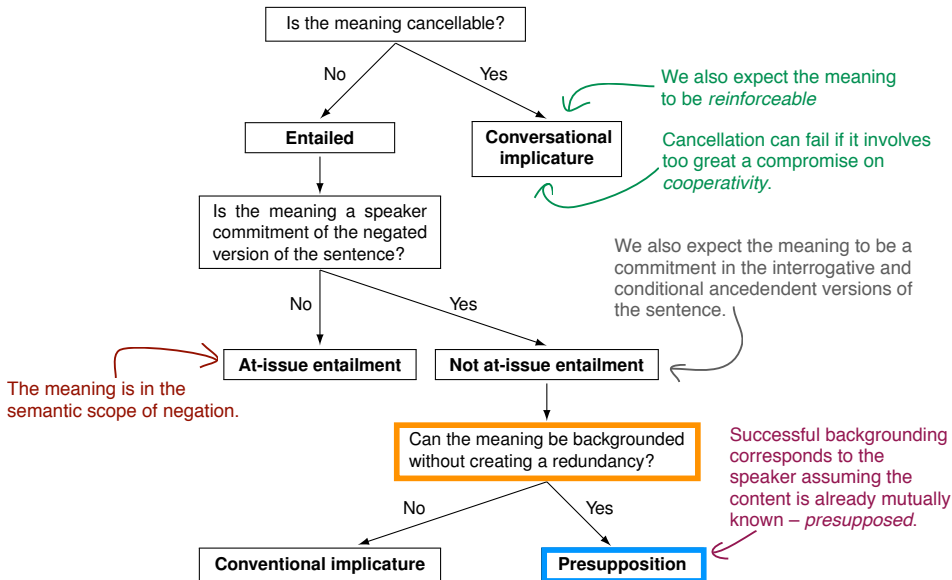
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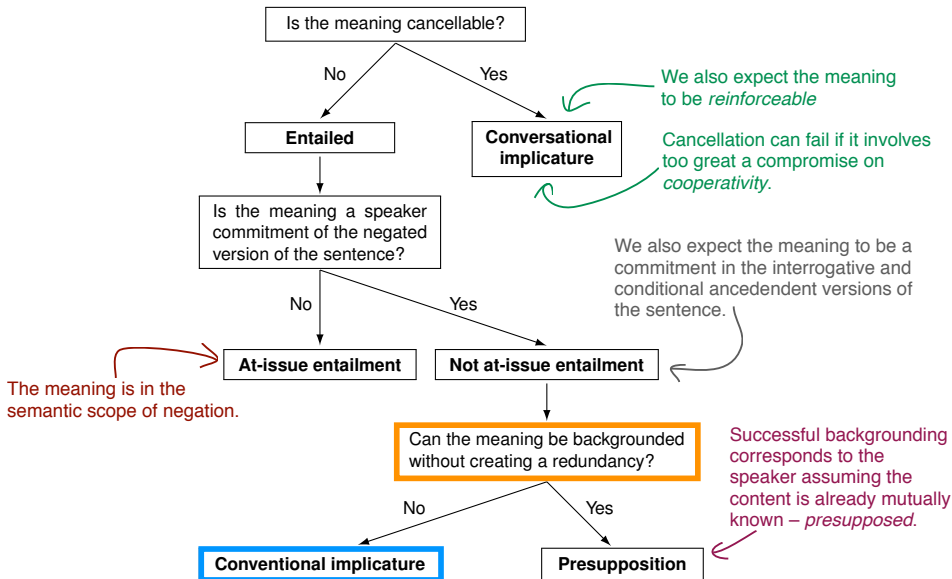
Diagnostic chart



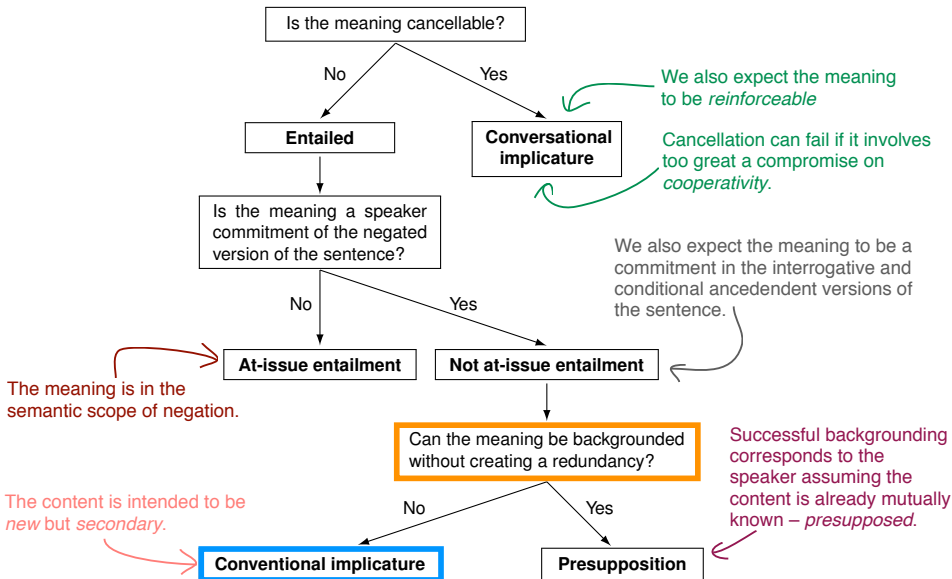
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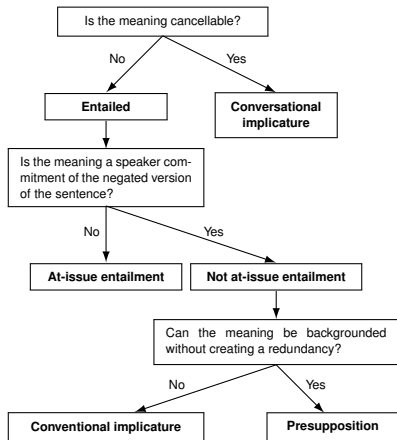
Diagnostic chart



Diagnostic chart

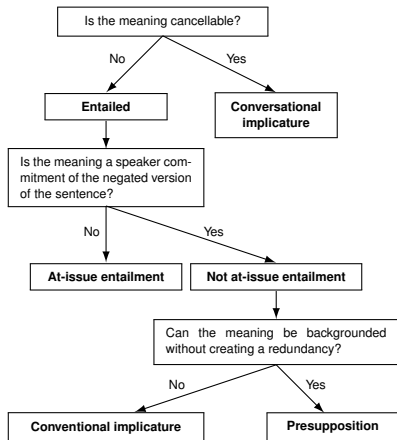


Examples



Examples

Some cyclists wore spandex.

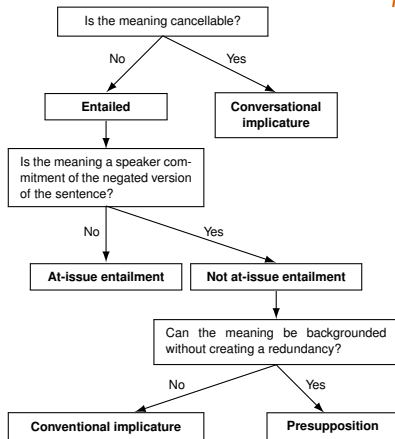


Examples

Some cyclists wore spandex.

Meaning of interest:

not all cyclists wore spandex.



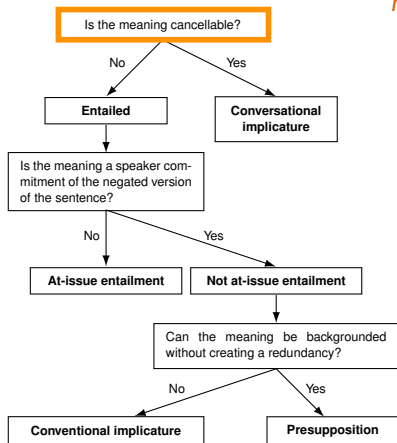
Examples

Some cyclists wore spandex.

Meaning of interest:

not all cyclists wore spandex.

- Some, in fact all, cyclists wore spandex.



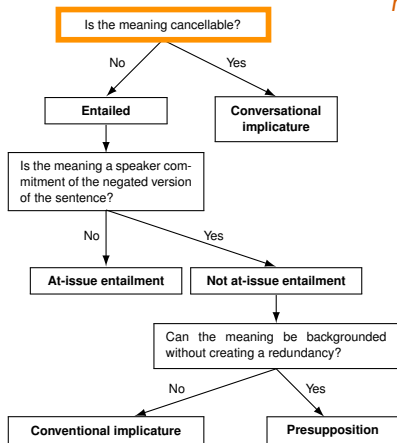
Examples

Some cyclists wore spandex.

Meaning of interest:

not all cyclists wore spandex.

- Some, **in fact all**, cyclists wore spandex.



Examples

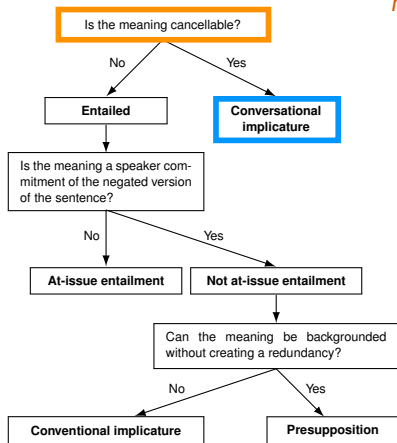
Some cyclists wore spandex.

Meaning of interest:

not all cyclists wore spandex.

- Some, in fact all, cyclists wore spandex.

cancellable \Rightarrow
conversational implicature

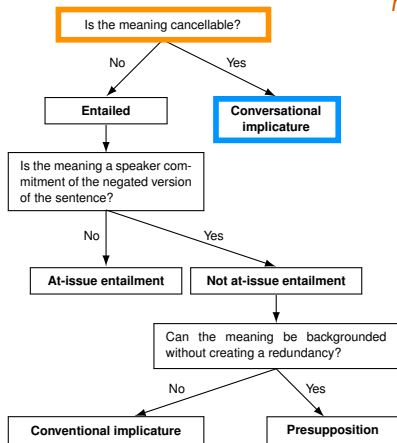


Examples

Some cyclists wore spandex.

Meaning of interest:

not all cyclists wore spandex.



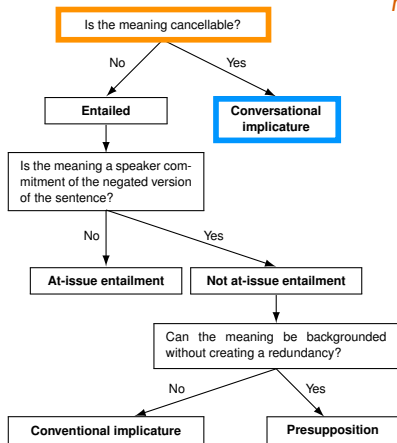
- Some, in fact all, cyclists wore spandex.
cancellable \Rightarrow conversational implicature
- Some, but not all, cyclists wore spandex.

Examples

Some cyclists wore spandex.

Meaning of interest:

not all cyclists wore spandex.



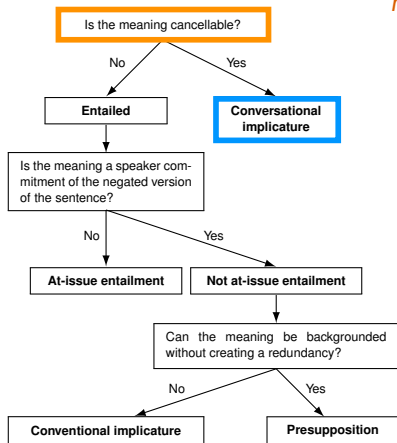
- Some, in fact all, cyclists wore spandex.
cancellable \Rightarrow conversational implicature
- Some, but not all, cyclists wore spandex.

Examples

Some cyclists wore spandex.

Meaning of interest:

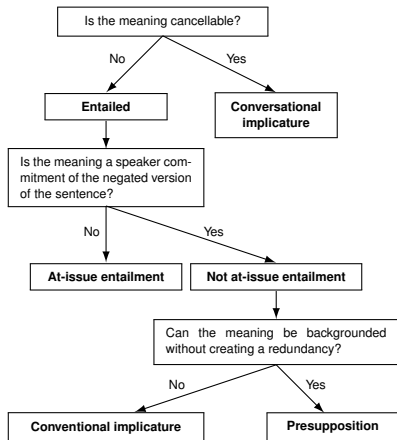
not all cyclists wore spandex.



- Some, in fact all, cyclists wore spandex.
cancellable ⇒ conversational implicature
- Some, but not all, cyclists wore spandex.
reinforceable ⇒ conversational implicature

Examples

Kim managed to finish the exam.

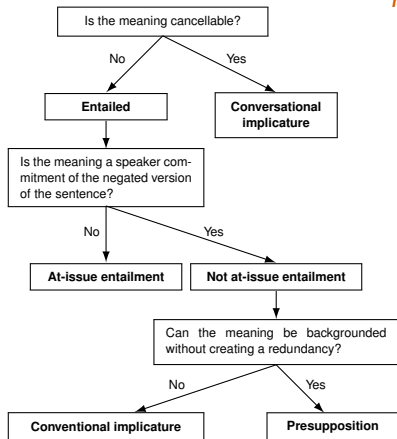


Examples

Kim managed to finish the exam.

Meaning of interest:

Kim finished the exam



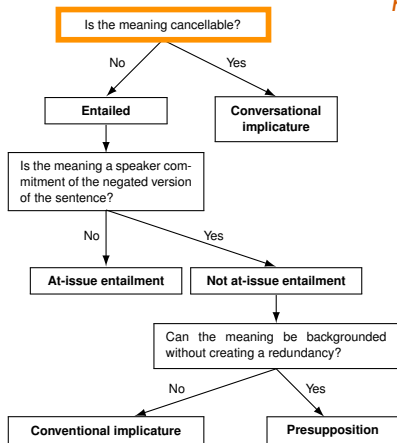
Examples

Kim managed to finish the exam.

Meaning of interest:

Kim finished the exam

- #Kim managed to finish the exam, but she didn't finish it.



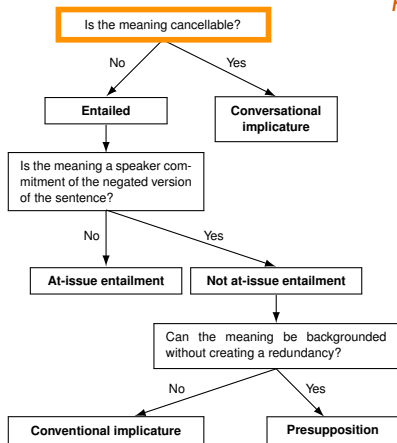
Examples

Kim managed to finish the exam.

Meaning of interest:

Kim finished the exam

- #Kim managed to finish the exam, but she didn't finish it.



Examples

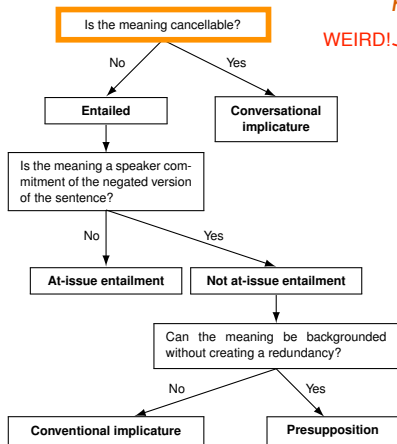
Kim managed to finish the exam.

Meaning of interest:

Kim finished the exam

WEIRD!

- # Kim managed to finish the exam, but she didn't finish it.



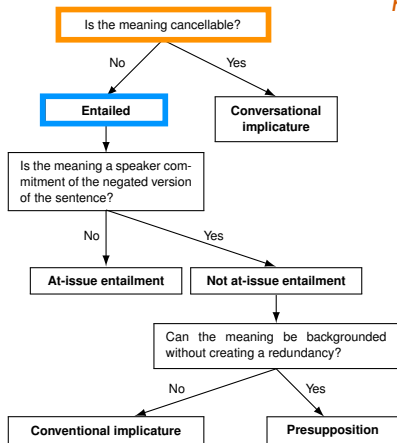
Examples

Kim managed to finish the exam.

Meaning of interest:

Kim finished the exam

- #Kim managed to finish the exam, but she didn't finish it.
not cancellable \Rightarrow entailed

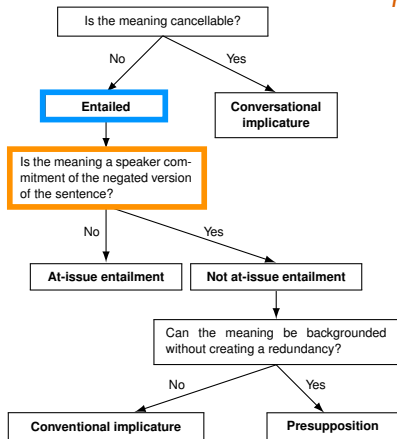


Examples

Kim managed to finish the exam.

Meaning of interest:

Kim finished the exam



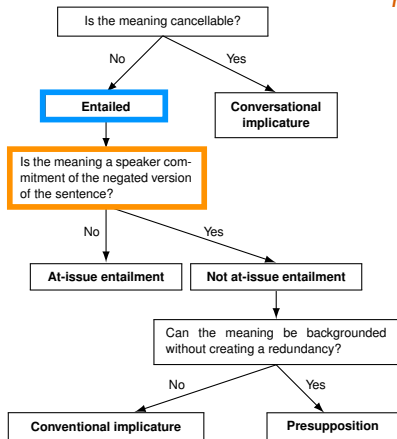
- #Kim managed to finish the exam, but she didn't finish it.
not cancellable \Rightarrow entailed
- Kim didn't manage to finish the exam.

Examples

Kim managed to finish the exam.

Meaning of interest:

Kim finished the exam



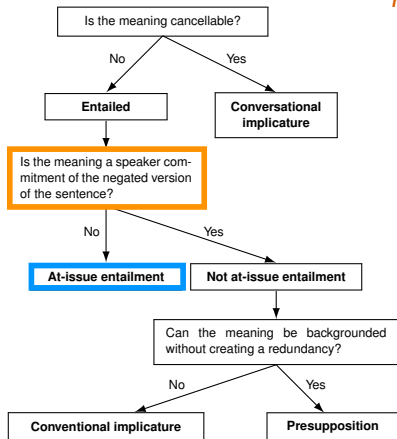
- #Kim managed to finish the exam, but she didn't finish it.
not cancellable \Rightarrow entailed
- Kim didn't manage to finish the exam.

Examples

Kim managed to finish the exam.

Meaning of interest:

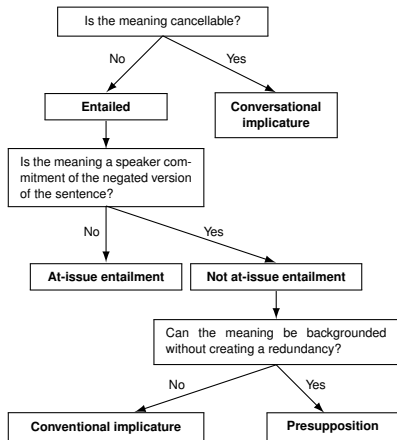
Kim finished the exam



- #Kim managed to finish the exam, but she didn't finish it.
not cancellable ⇒ entailed
- Kim didn't manage to finish the exam.
not a speaker commitment of the negated version ⇒ at-issue

Examples

Sandy stopped smoking.

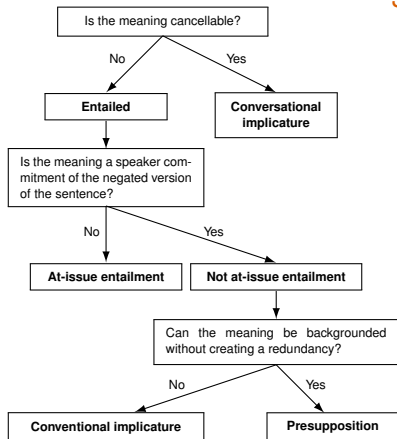


Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past



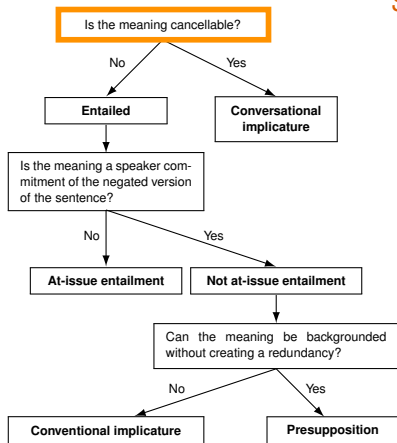
Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past

- #Sandy stopped smoking — in fact, she never smoked.



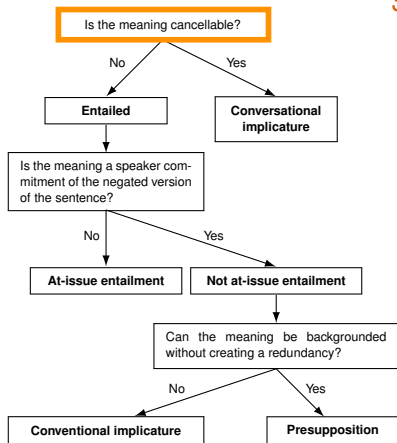
Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past

- #Sandy stopped smoking — in fact, she never smoked.



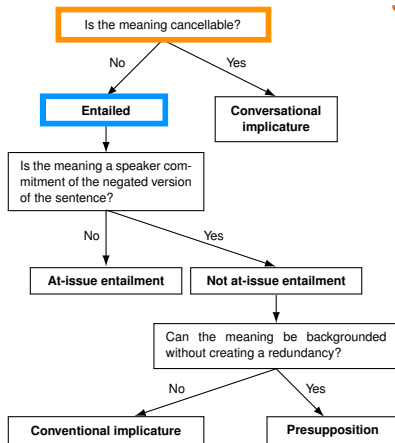
Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past

- #Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed

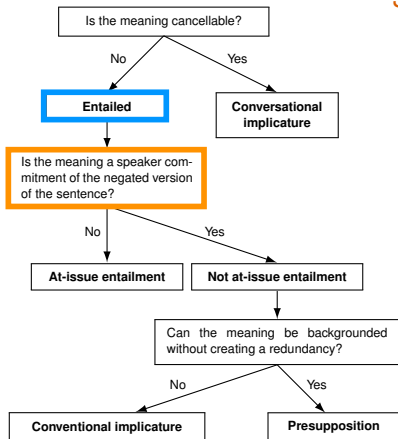


Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past



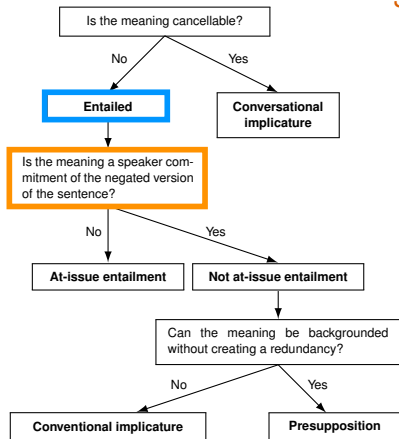
- #Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed
- Sandy didn't stop smoking.

Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past



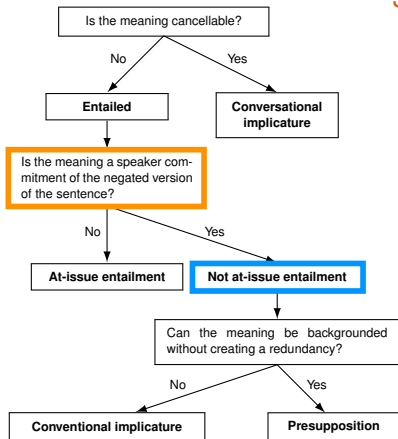
- #Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed
- Sandy didn't stop smoking.

Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past



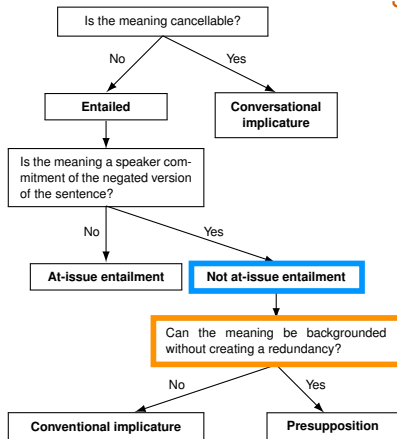
- #Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed
- Sandy didn't stop smoking.
speaker commitment of the negated version \Rightarrow not at-issue

Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past



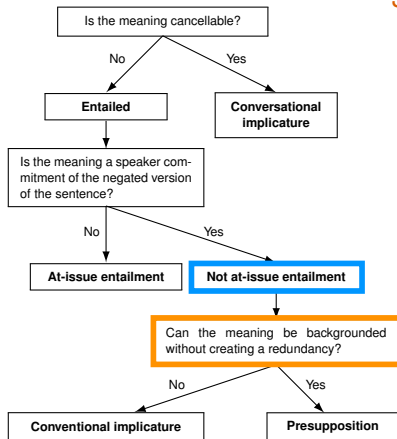
- #Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed
- Sandy didn't stop smoking.
speaker commitment of the negated version \Rightarrow not at-issue
- Sandy smoked in the past, but she stopped smoking.

Examples

Sandy stopped smoking.

Meaning of interest:

Sandy smoked in the past



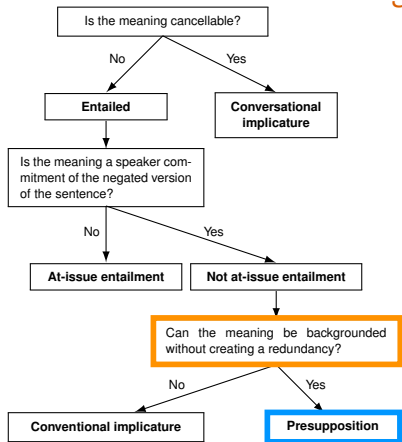
- #Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed
- Sandy didn't stop smoking.
speaker commitment of the negated version \Rightarrow not at-issue
- Sandy smoked in the past, but she stopped smoking.

Examples

Sandy stopped smoking.

Meaning of interest:

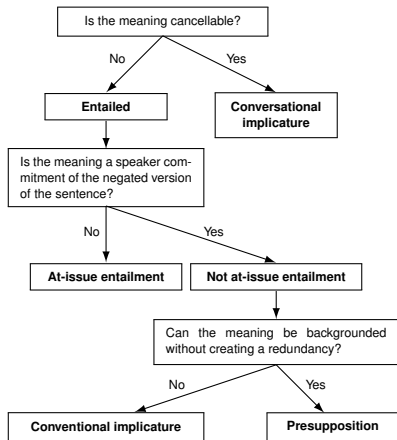
Sandy smoked in the past



- #Sandy stopped smoking — in fact, she never smoked.
not cancellable ⇒ entailed
- Sandy didn't stop smoking.
speaker commitment of the negated version ⇒ not at-issue
- Sandy smoked in the past, but she stopped smoking.
can be backgrounded ⇒ presupposition

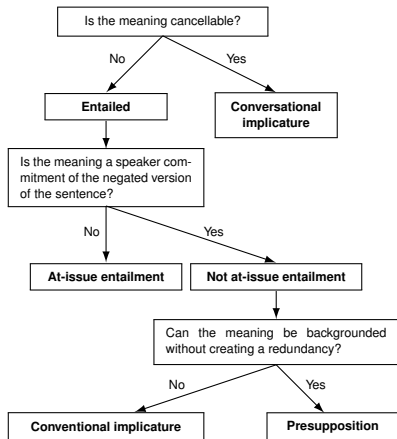
Examples

David met Barbara, who is a linguist.



Examples

David met Barbara, who is a linguist.

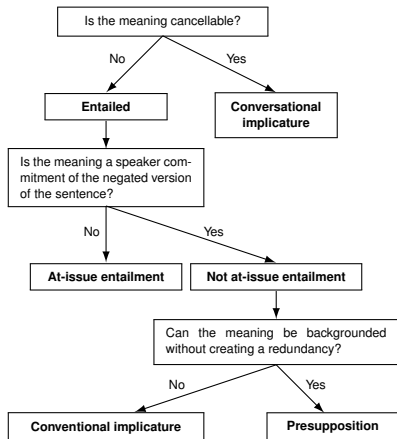


Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist



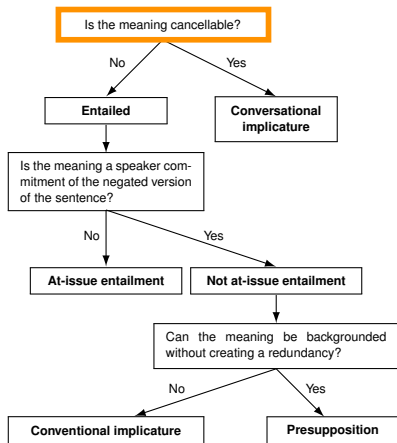
Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist

- #David met Barbara, who is a linguist, but Barbara is not a linguist.



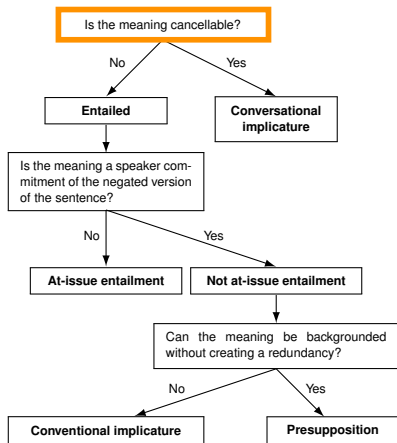
Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist

- # David met Barbara, who is a linguist, but Barbara is not a linguist.



Examples

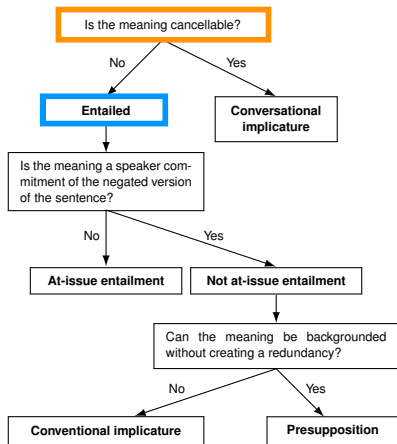
David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist

- # David met Barbara, who is a linguist, but Barbara is not a linguist.

not cancellable \Rightarrow entailed

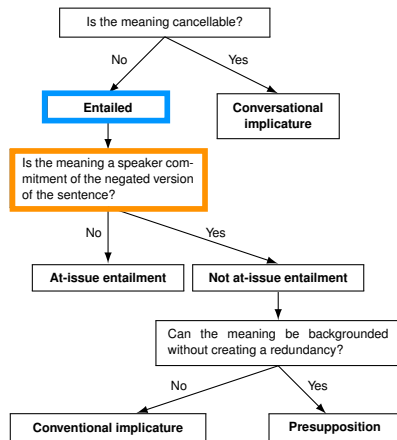


Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist



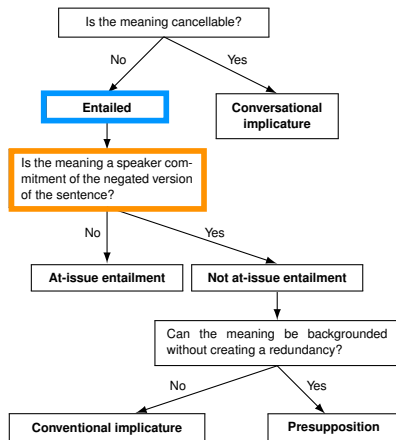
- # David met Barbara, who is a linguist, but Barbara is not a linguist.
not cancellable \Rightarrow entailed
- David didn't meet Barbara, who is a linguist.

Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist



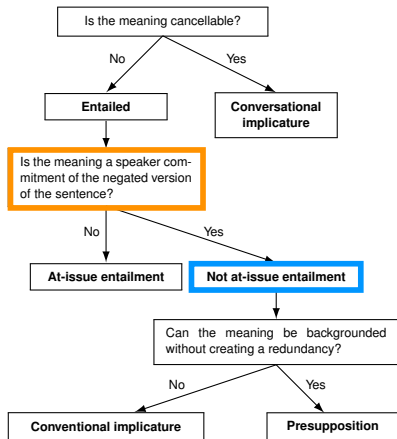
- # David met Barbara, who is a linguist, but Barbara is not a linguist.
not cancellable ⇒ entailed
- David didn't meet Barbara, who is a linguist.

Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist



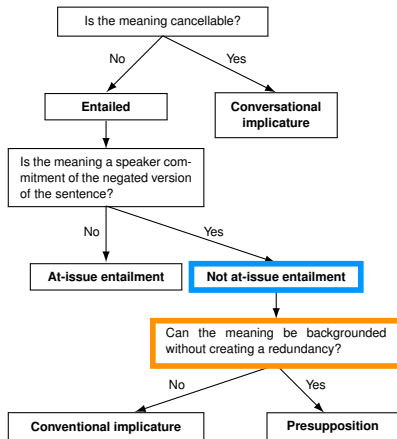
- # David met Barbara, who is a linguist, but Barbara is not a linguist.
not cancellable \Rightarrow entailed
- David didn't meet Barbara, who is a linguist.
speaker commitment of the negated version \Rightarrow not at-issue

Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist



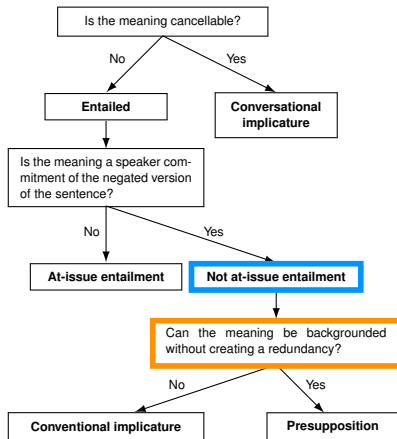
- # David met Barbara, who is a linguist, but Barbara is not a linguist.
not cancellable \Rightarrow entailed
- David didn't meet Barbara, who is a linguist.
speaker commitment of the negated version \Rightarrow not at-issue
- # Barbara is a linguist, and David is a philosopher. David met Barbara, who is a linguist.

Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist



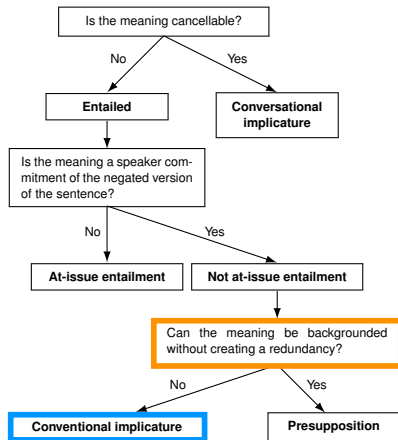
- # David met Barbara, who is a linguist, but Barbara is not a linguist.
not cancellable \Rightarrow entailed
- David didn't meet Barbara, who is a linguist.
speaker commitment of the negated version \Rightarrow not at-issue
- # Barbara is a linguist, and David is a philosopher. David met Barbara, who is a linguist.

Examples

David met Barbara, who is a linguist.

Meaning of interest:

Barbara is a linguist



- #David met Barbara, who is a linguist, but Barbara is not a linguist.
not cancellable \Rightarrow entailed
- David didn't meet Barbara, who is a linguist.
speaker commitment of the negated version \Rightarrow not at-issue
- #Barbara is a linguist, and David is a philosopher. David met Barbara, who is a linguist.
redundant when backgrounded \Rightarrow conventional implicature