

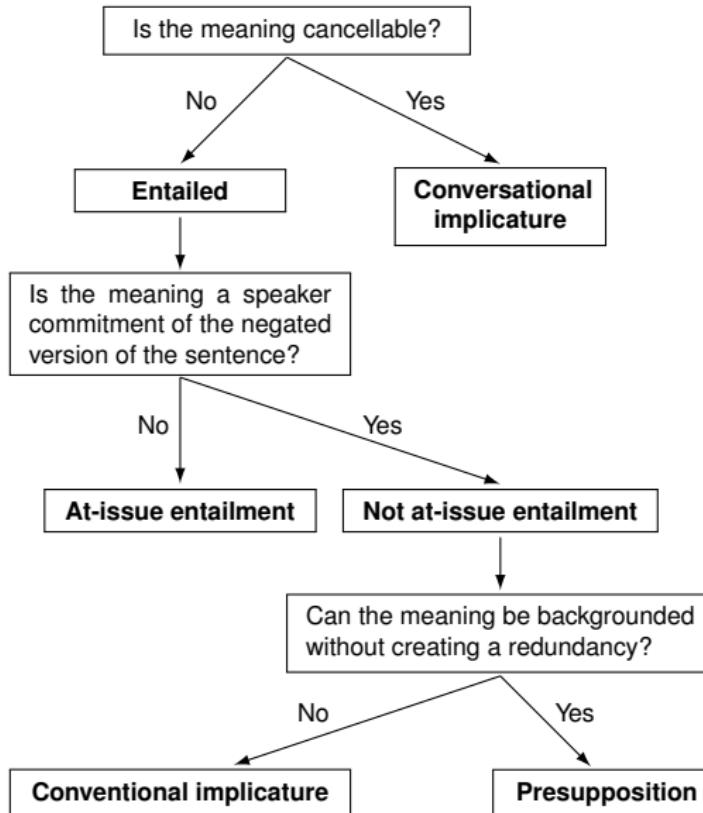
Diagnosing different kinds of meaning

Christopher Potts
Stanford Linguistics

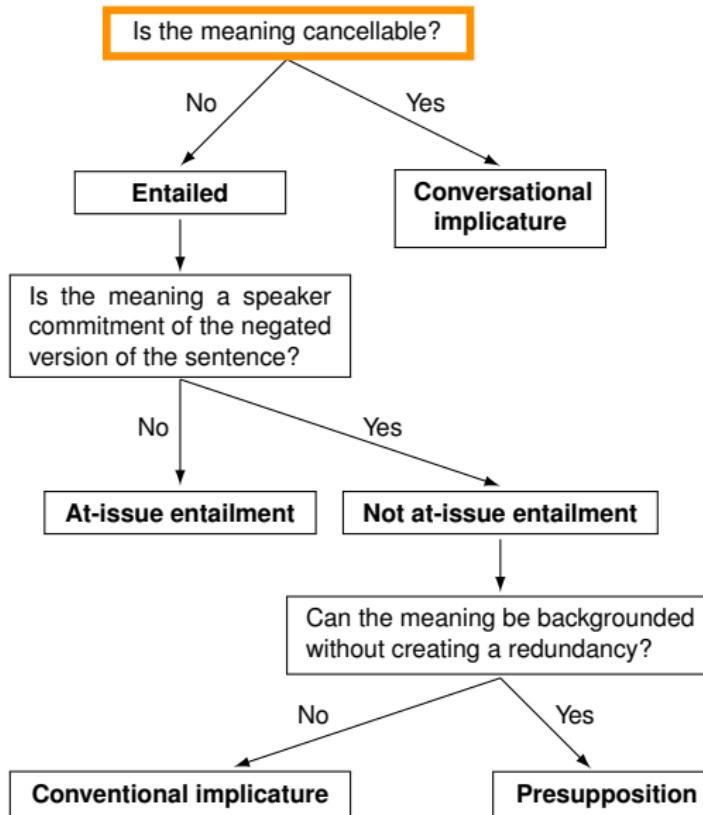
Linguist 130a/230a: Introduction to semantics and pragmatics



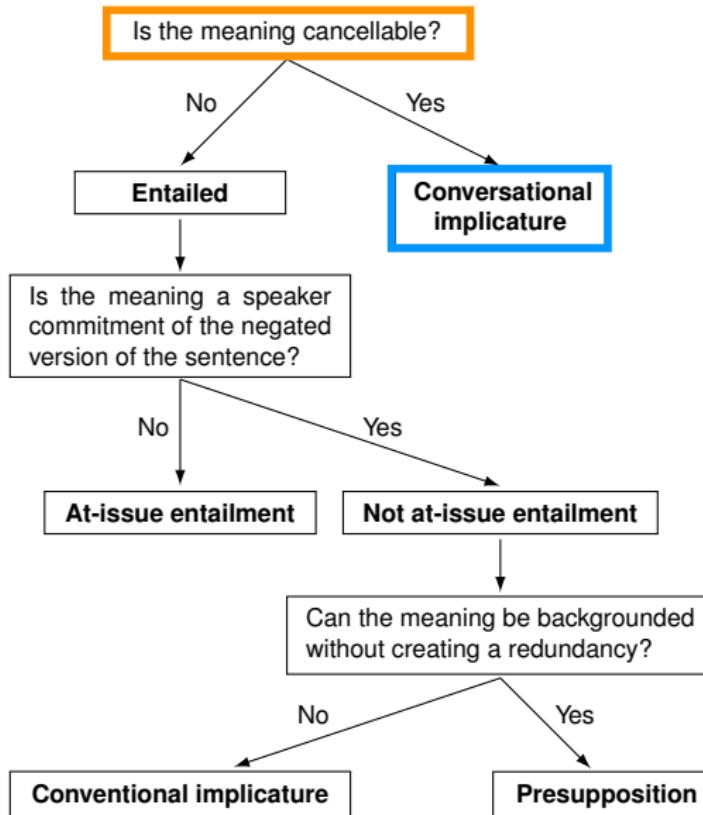
Diagnostic chart



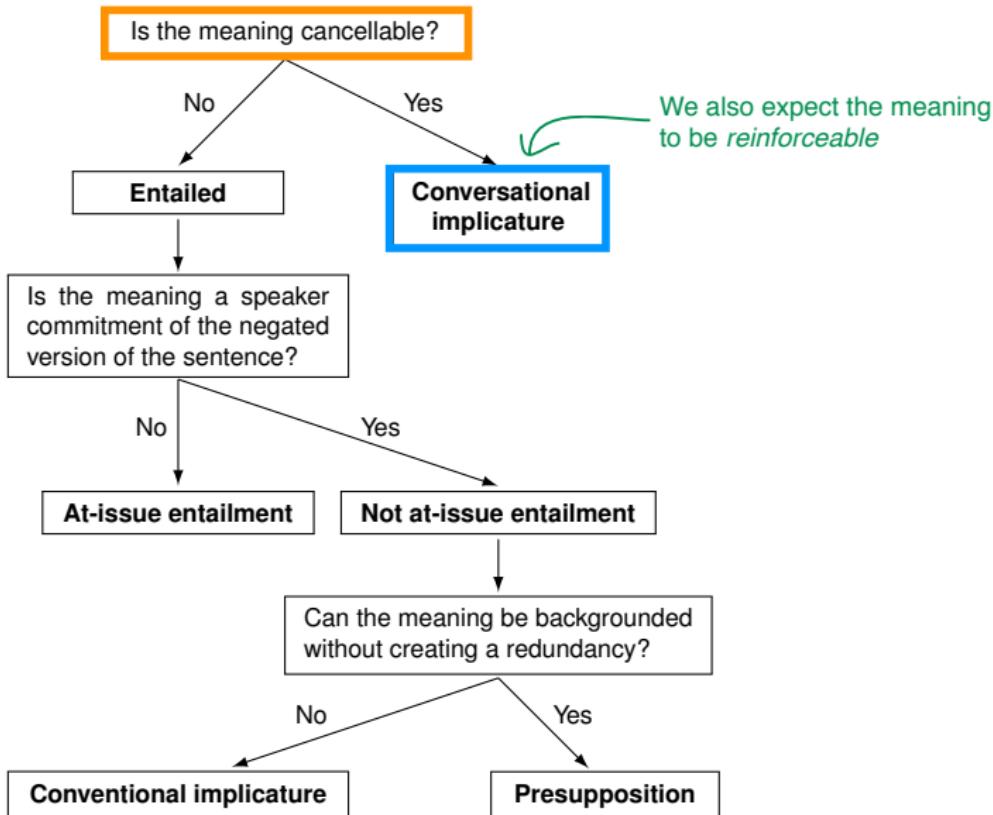
Diagnostic chart



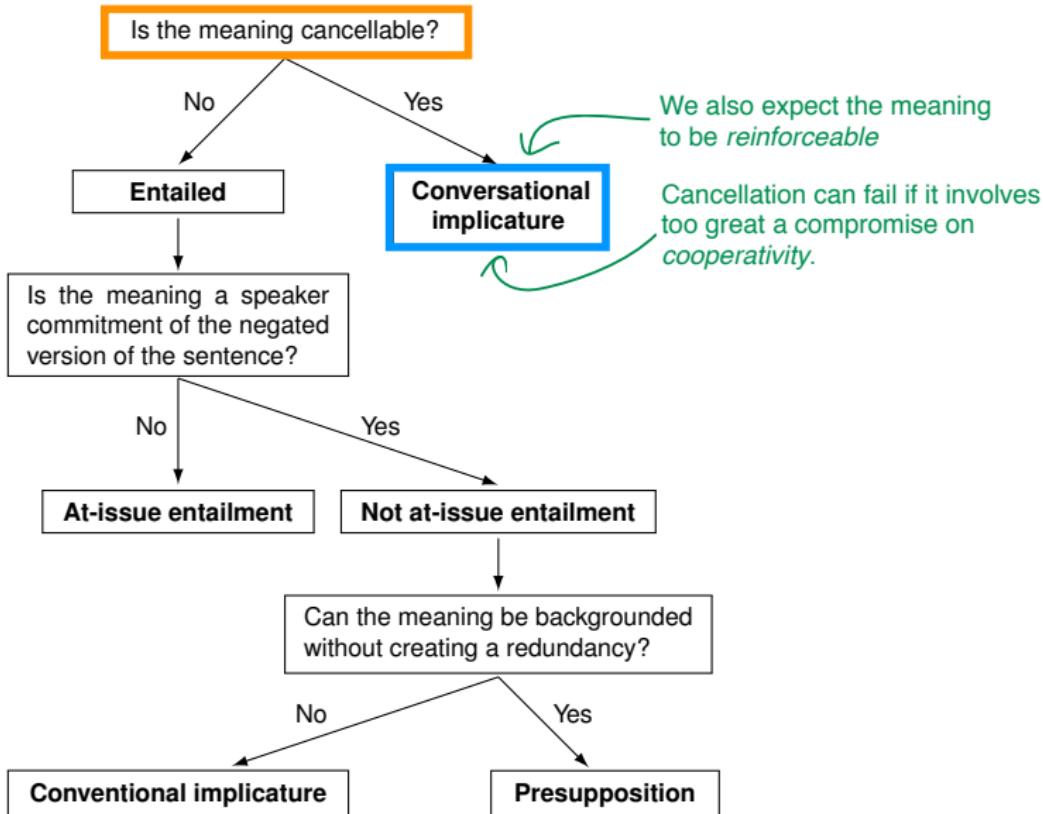
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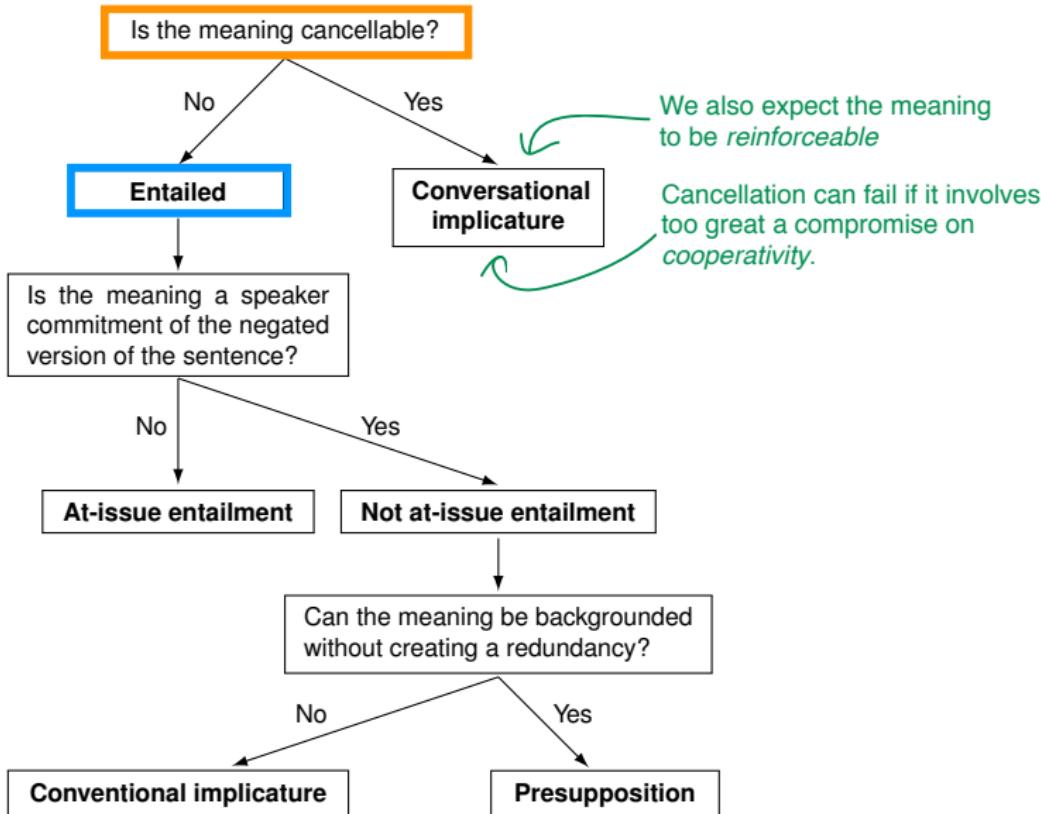
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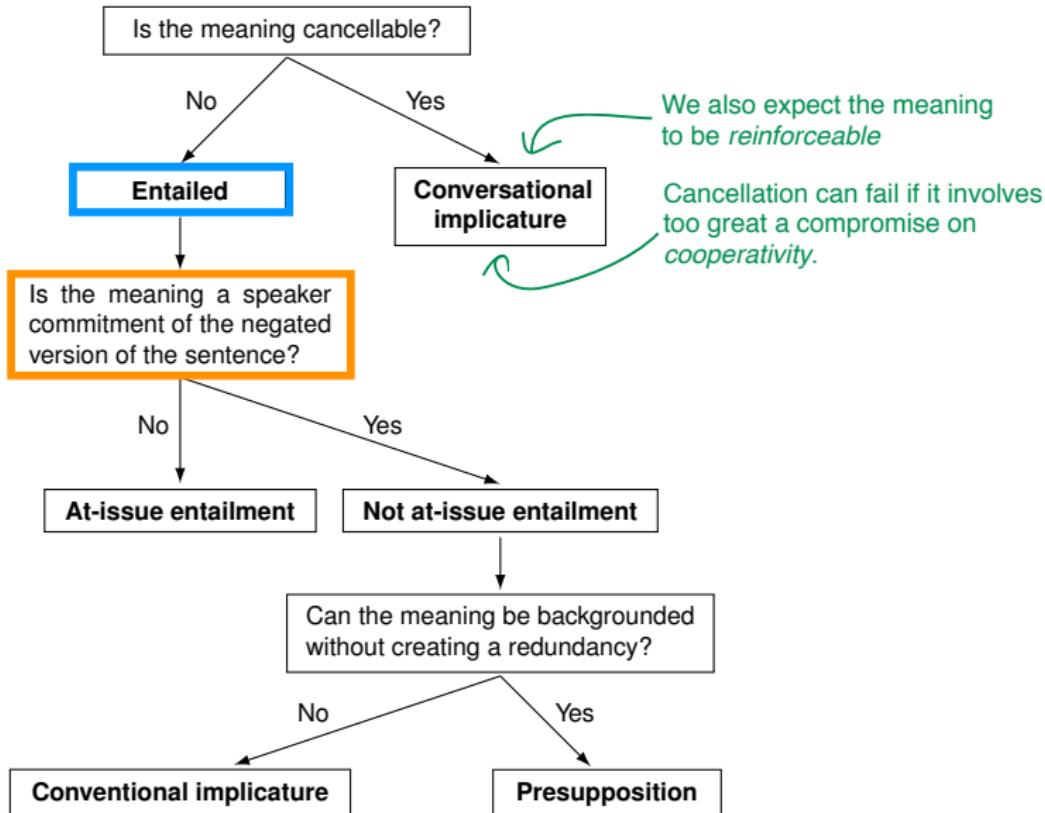
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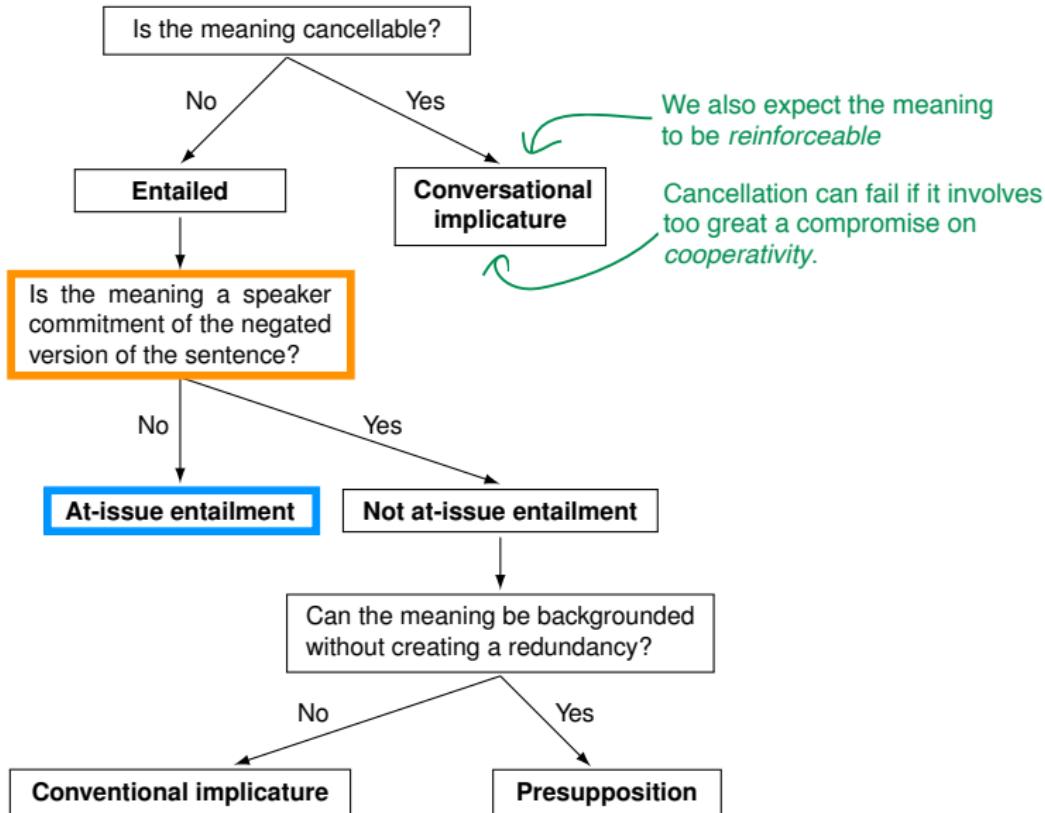
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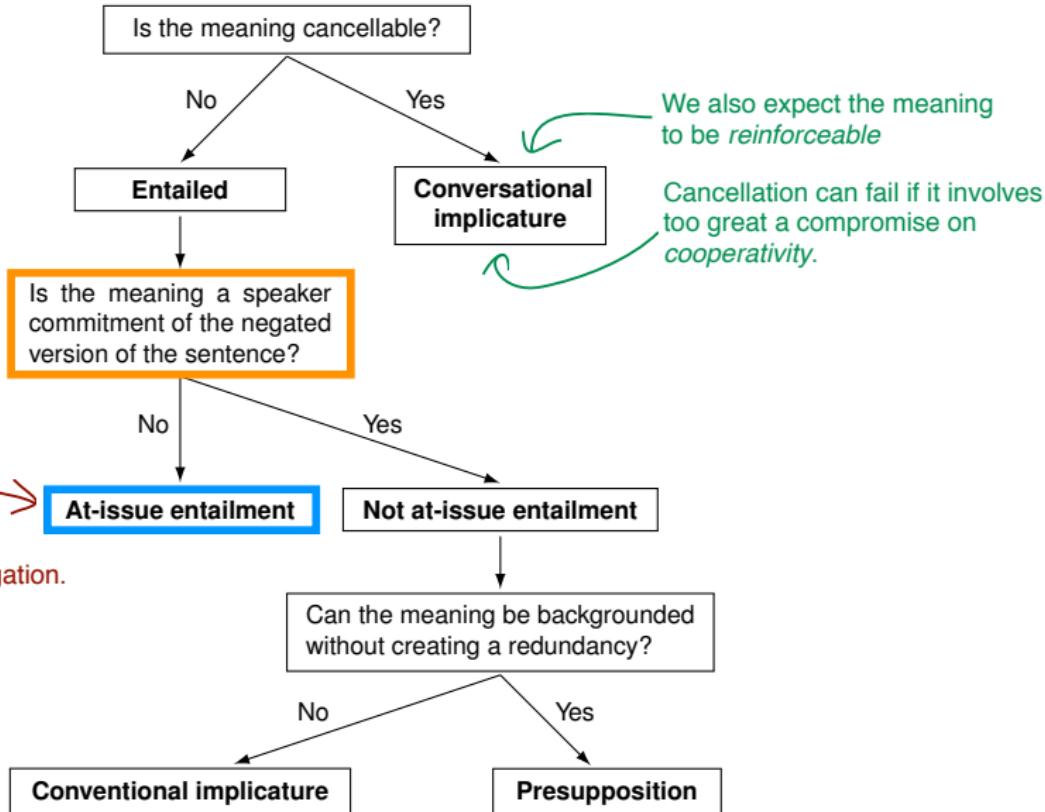
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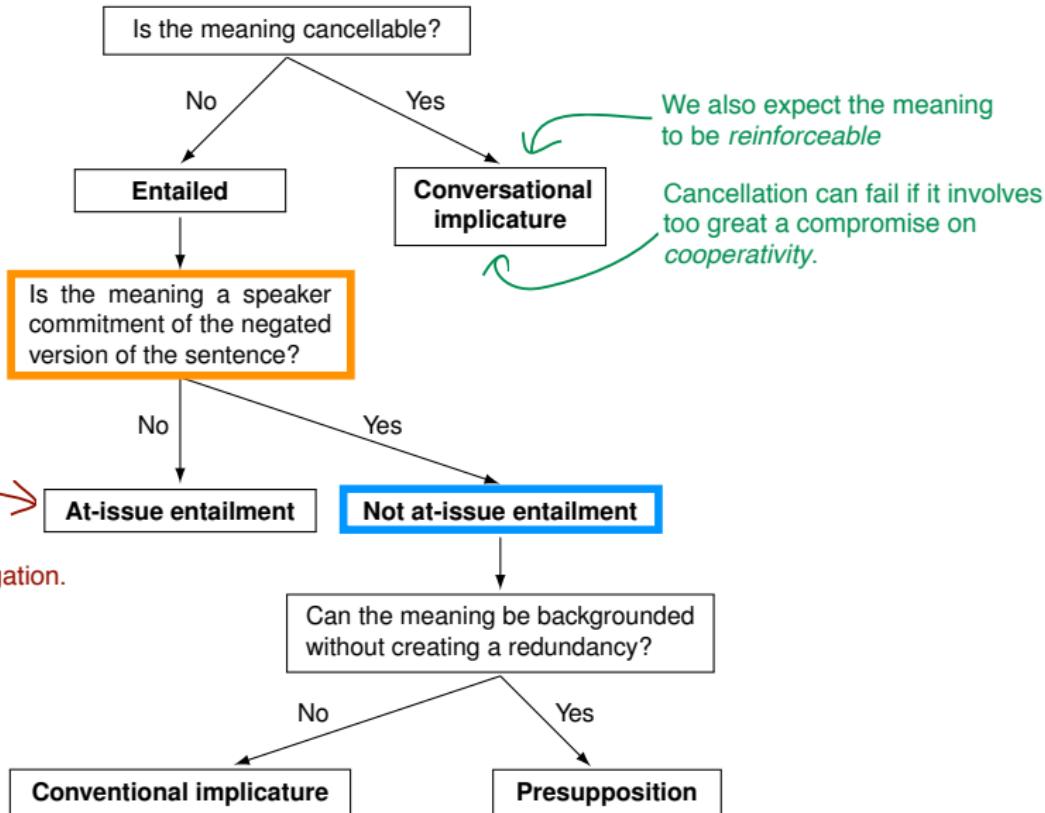
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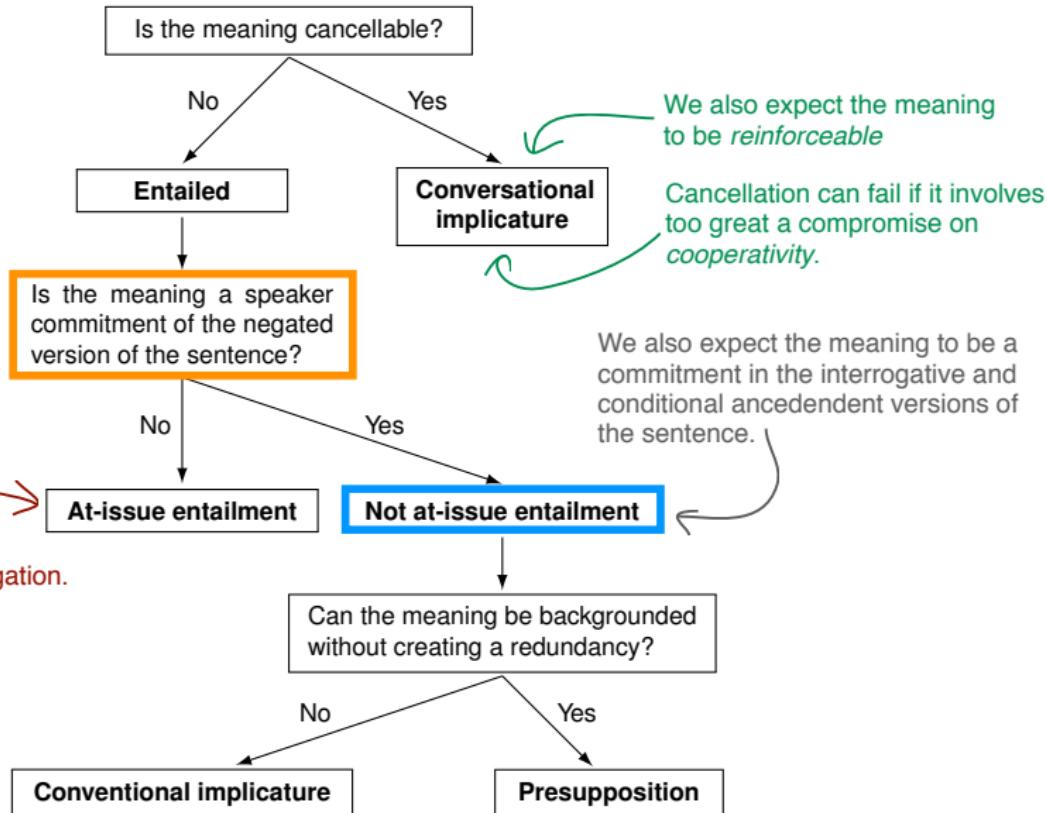
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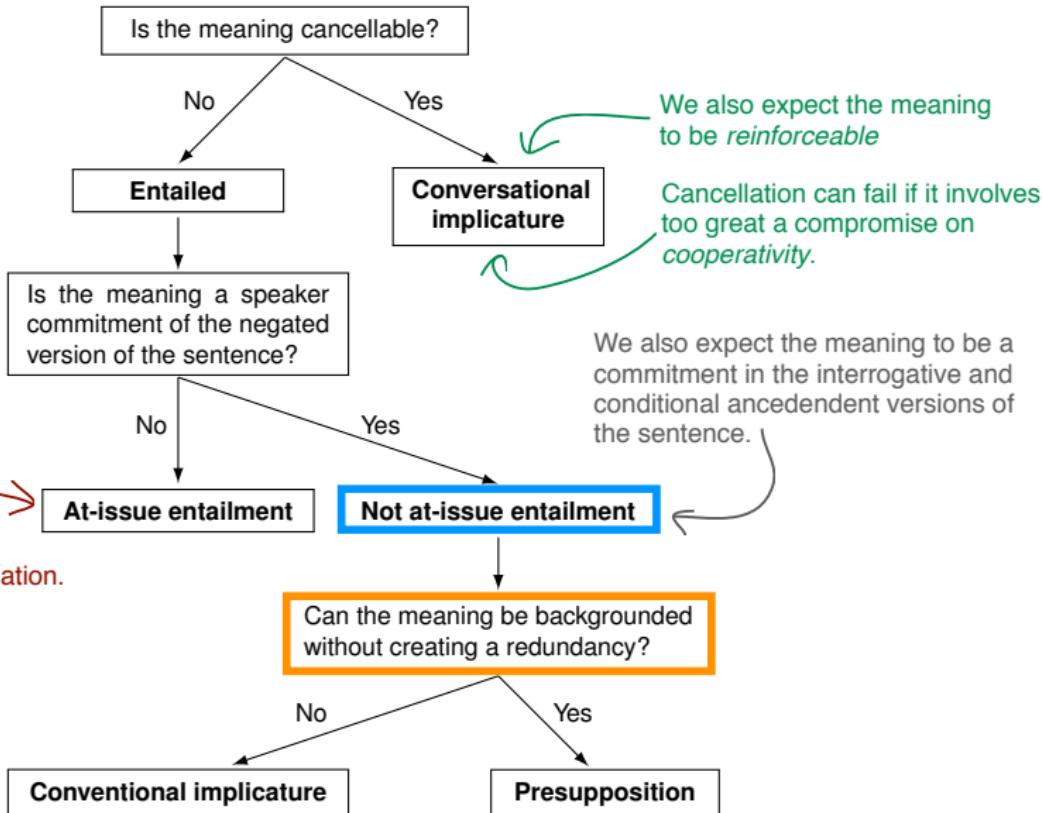
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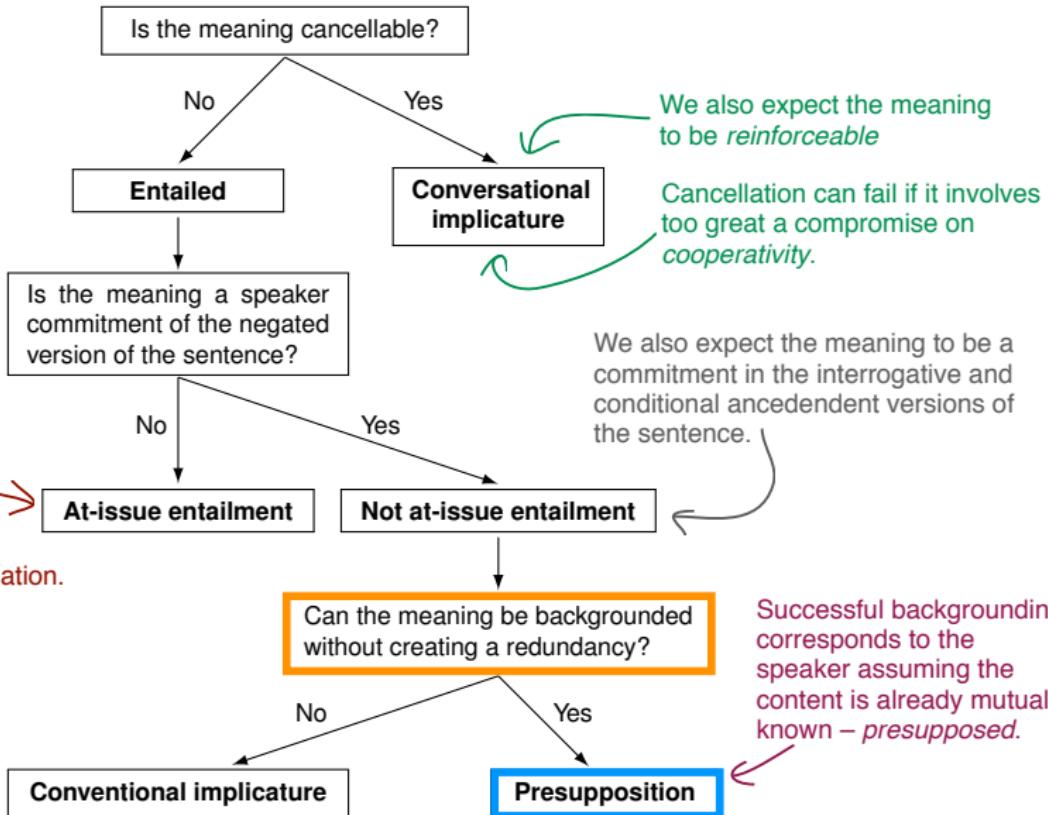
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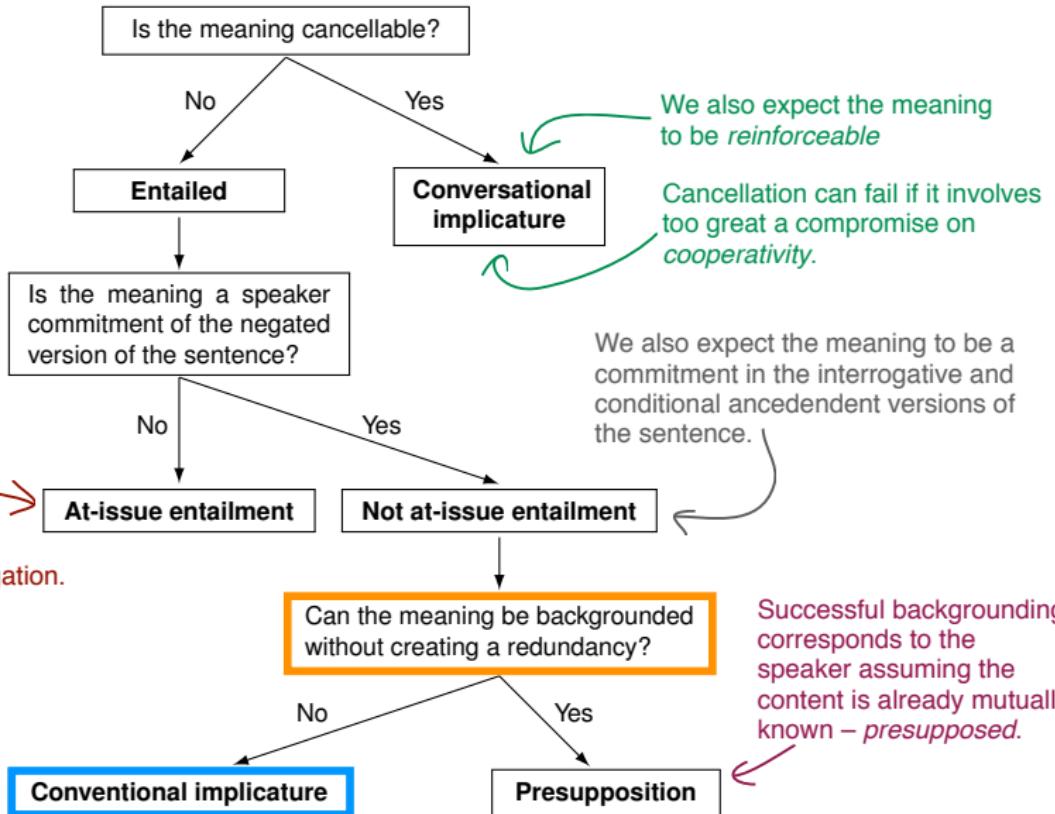
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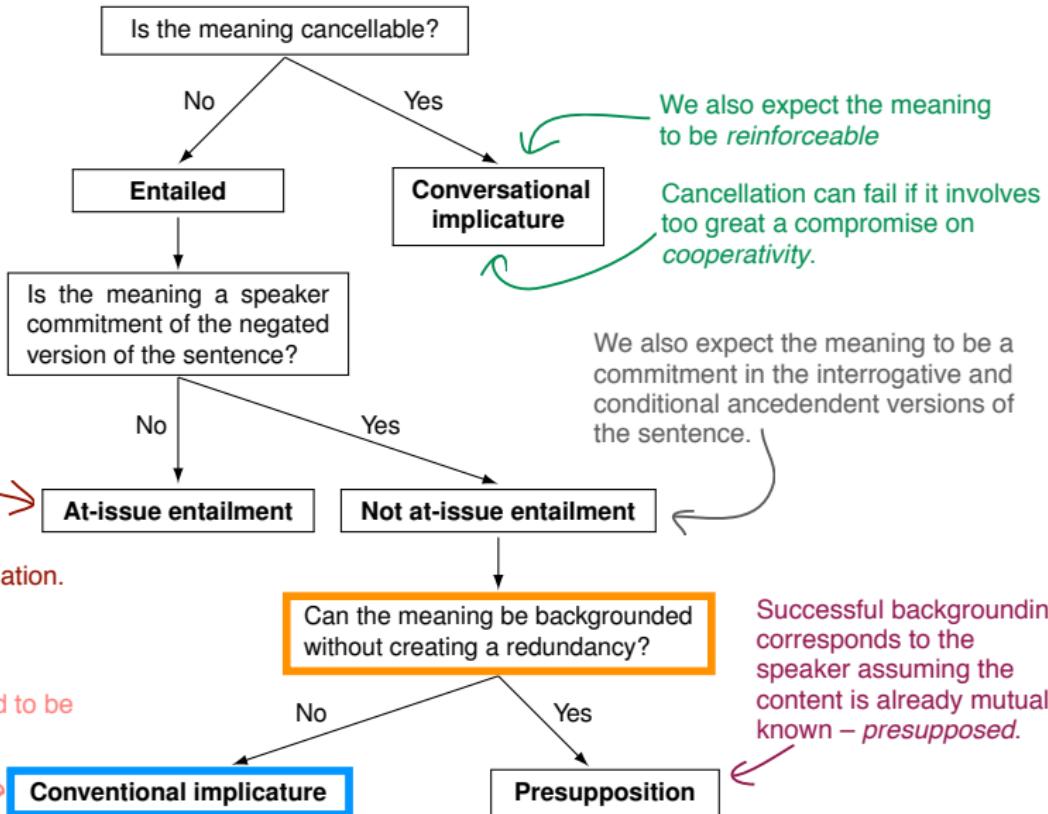
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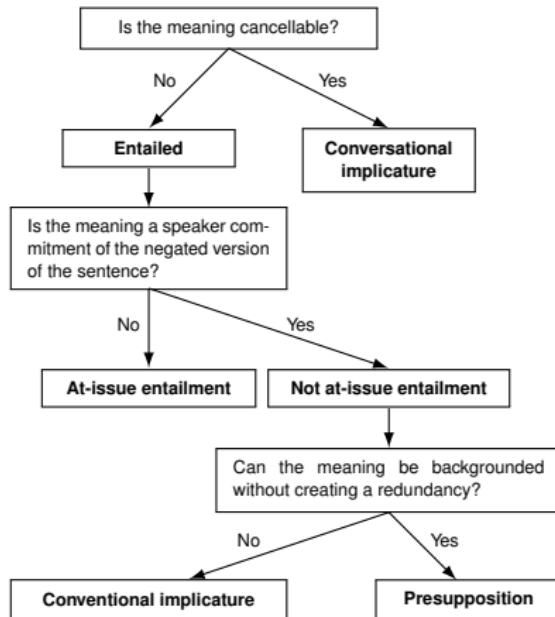
Diagnostic chart



Diagnostic chart

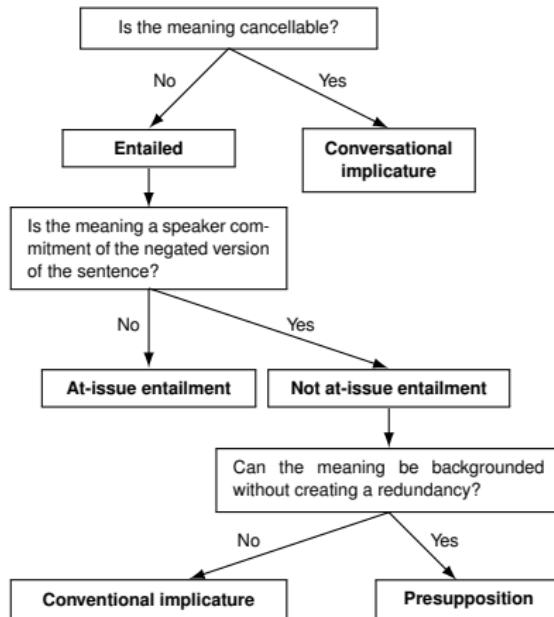


Examples



Examples

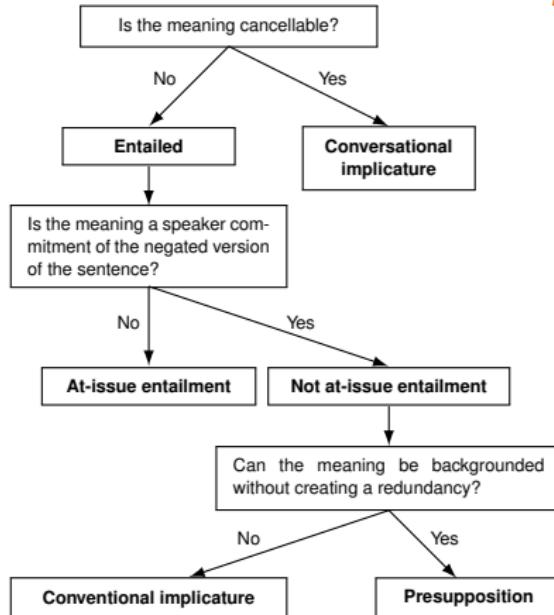
Some cyclists wore spandex.



Examples

Some cyclists wore spandex.

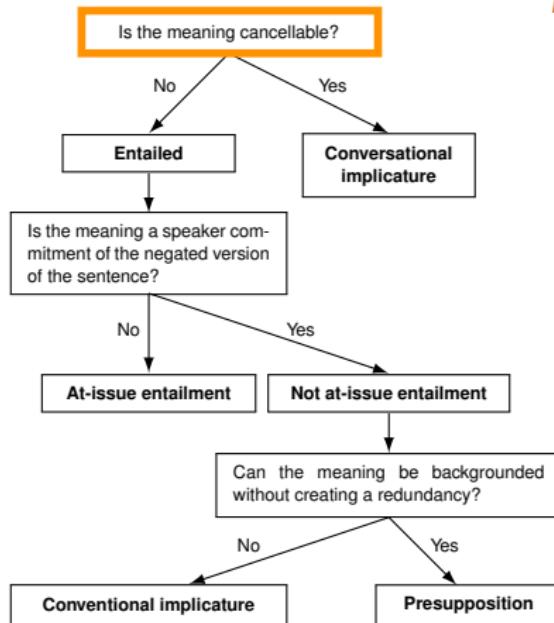
Meaning of interest:
not all cyclists wore spandex.



Examples

Some cyclists wore spandex.

Meaning of interest:
not all cyclists wore spandex.

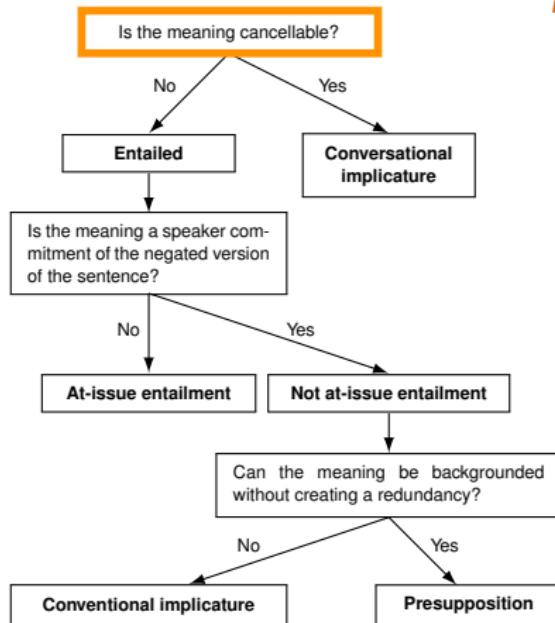


- Some, in fact all, cyclists wore spandex.

Examples

Some cyclists wore spandex.

Meaning of interest:
not all cyclists wore spandex.

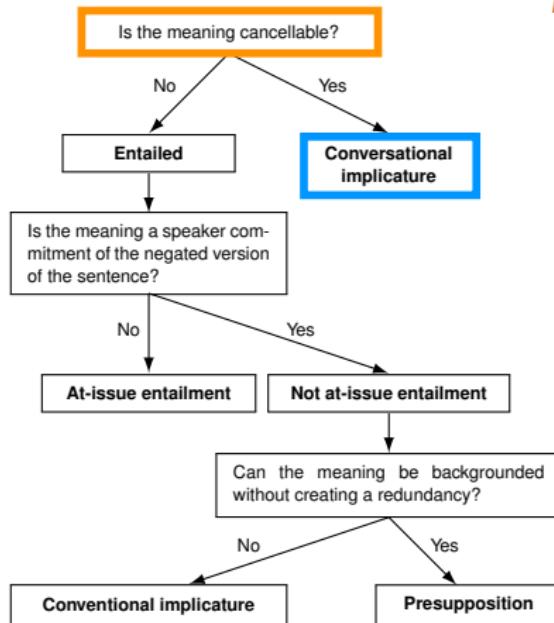


- Some, **in fact all**, cyclists wore spandex.

Examples

Some cyclists wore spandex.

Meaning of interest:
not all cyclists wore spandex.

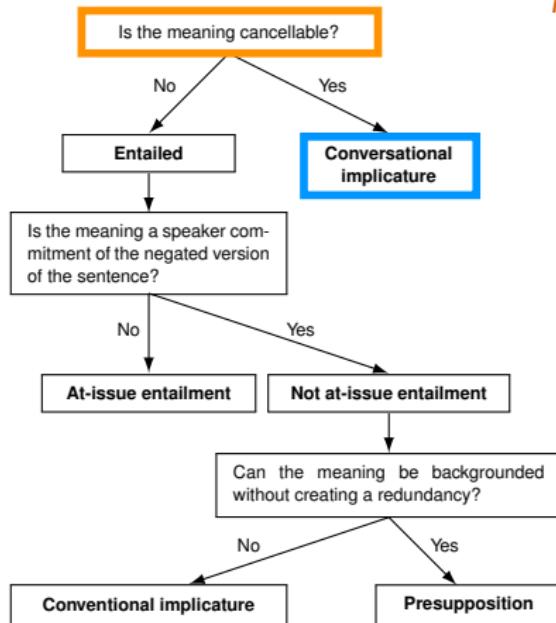


- Some, **in fact all**, cyclists wore spandex.
cancellable \Rightarrow **conversational implicature**

Examples

Some cyclists wore spandex.

Meaning of interest:
not all cyclists wore spandex.

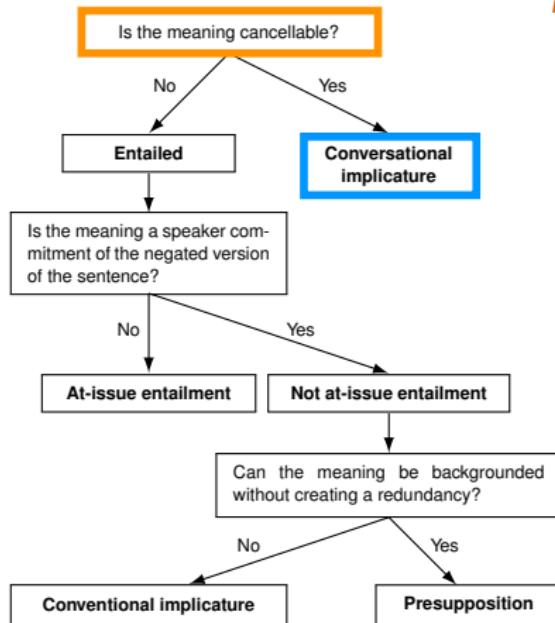


- Some, in fact all, cyclists wore spandex.
cancellable \Rightarrow conversational implicature
- Some, but not all, cyclists wore spandex.

Examples

Some cyclists wore spandex.

Meaning of interest:
not all cyclists wore spandex.

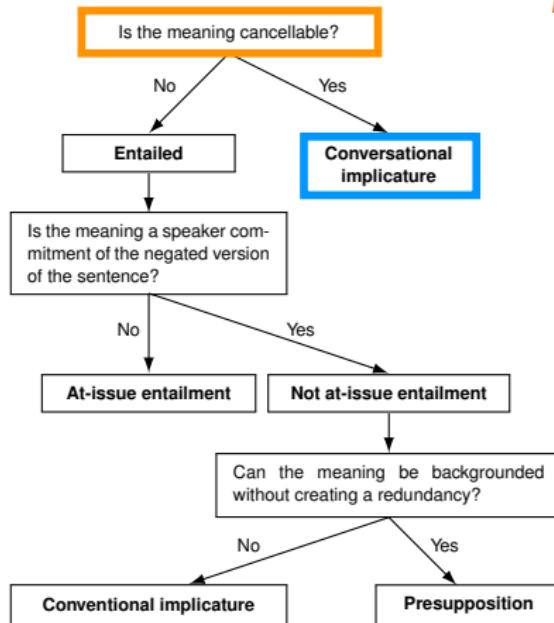


- Some, in fact all, cyclists wore spandex.
 cancellable \Rightarrow conversational implicature
- Some, but not all, cyclists wore spandex.

Examples

Some cyclists wore spandex.

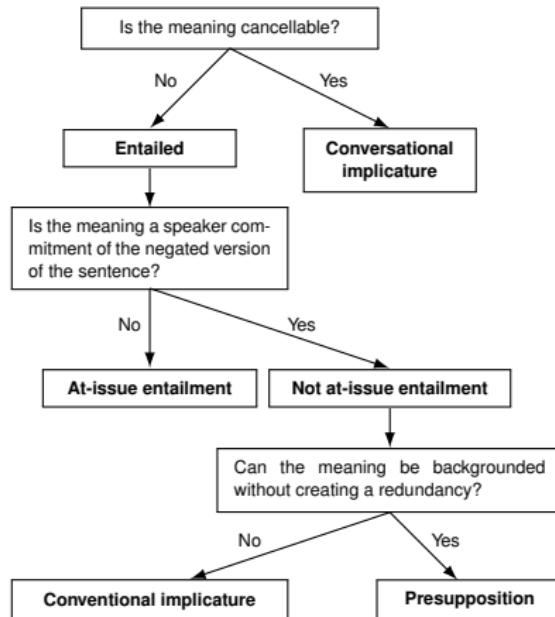
Meaning of interest:
not all cyclists wore spandex.



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

Examples

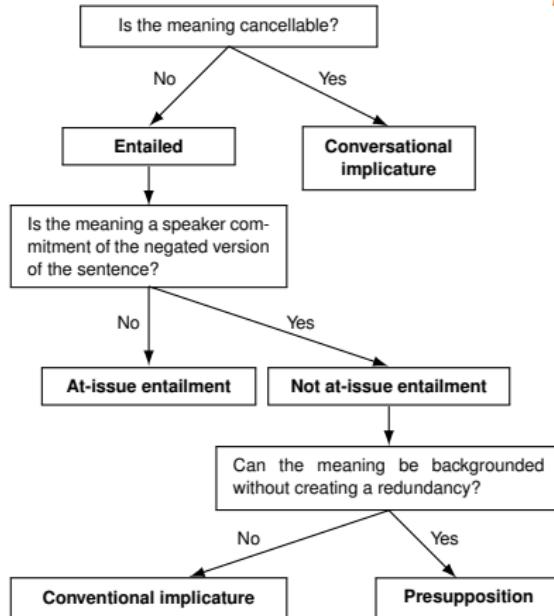
Kim managed to finish the exam.



Examples

Kim managed to finish the exam.

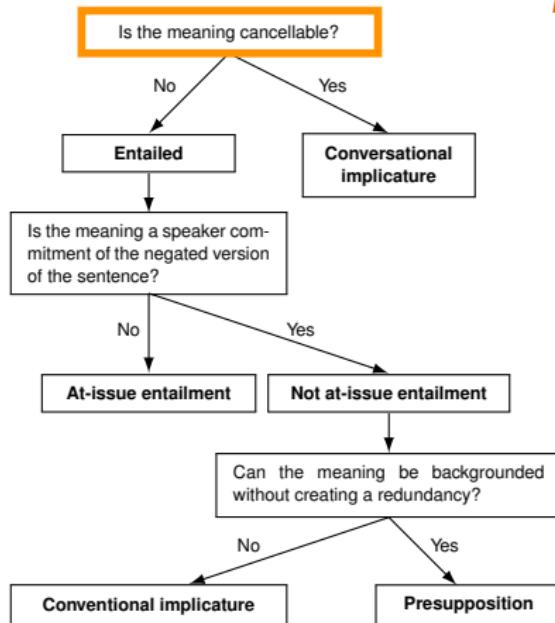
Meaning of interest:
Kim finished the exam



Examples

Kim managed to finish the exam.

Meaning of interest:
Kim finished the exam

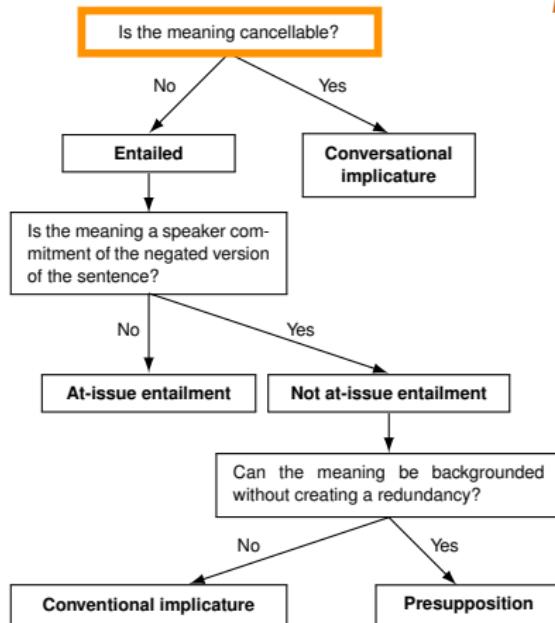


- #Kim managed to finish the exam, but she didn't finish it.

Examples

Kim managed to finish the exam.

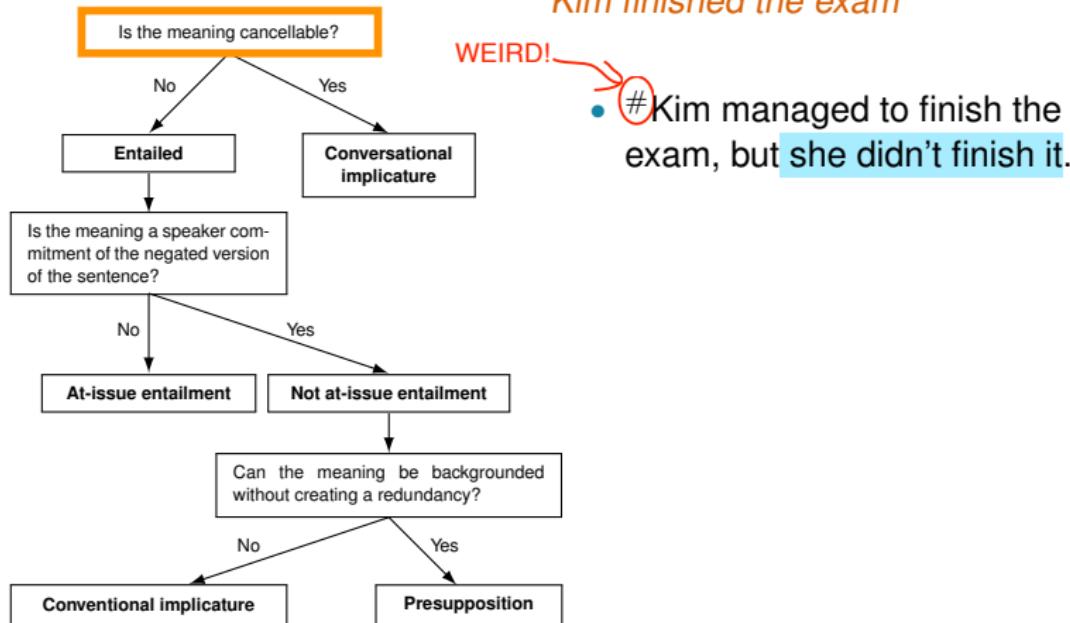
Meaning of interest:
Kim finished the exam



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

Examples

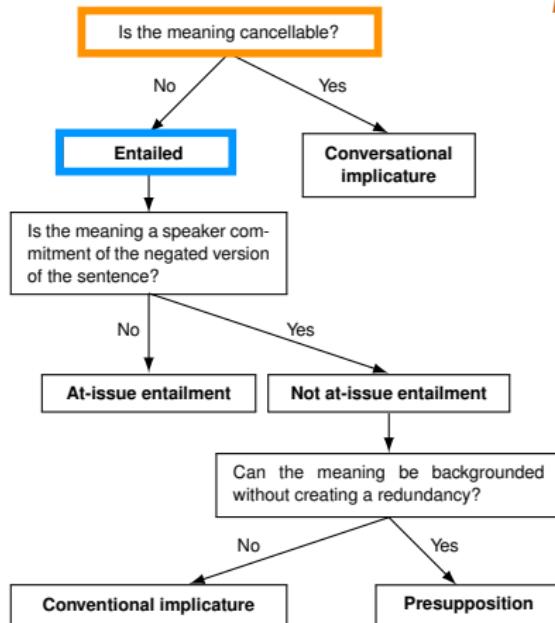
Kim managed to finish the exam.



Examples

Kim managed to finish the exam.

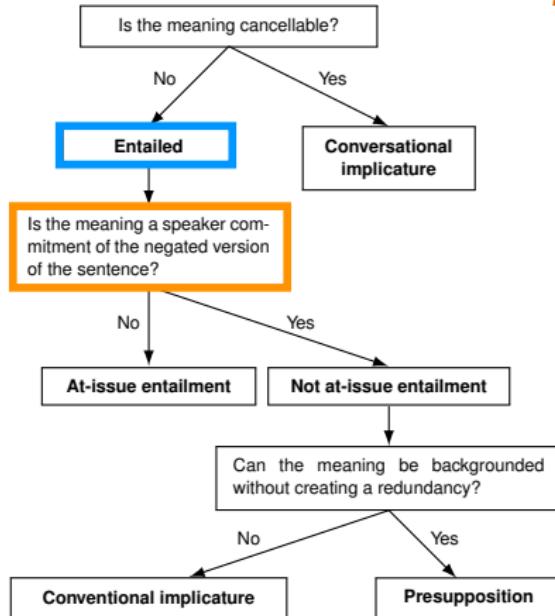
Meaning of interest:
Kim finished the exam



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

Examples

Kim managed to finish the exam.

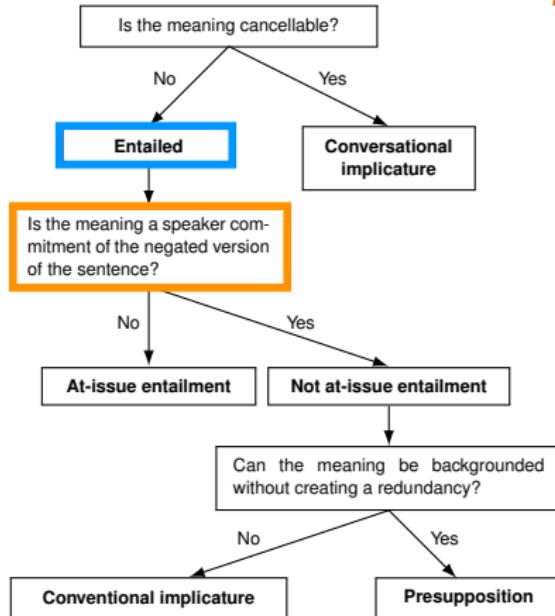


Meaning of interest:
Kim finished the exam

- #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.

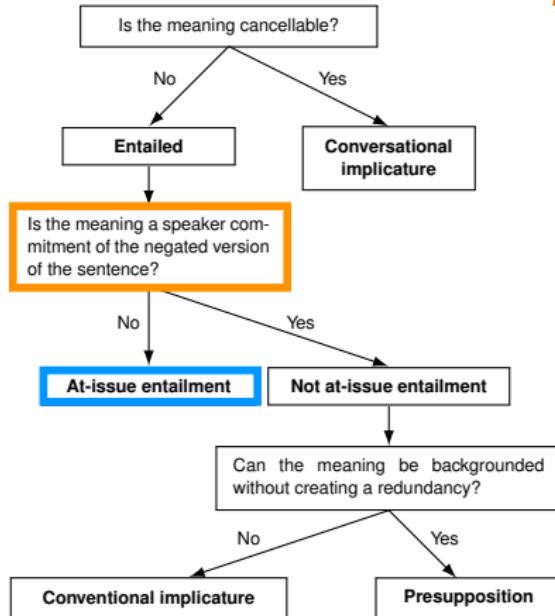


Meaning of interest:
Kim finished the exam

- #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.

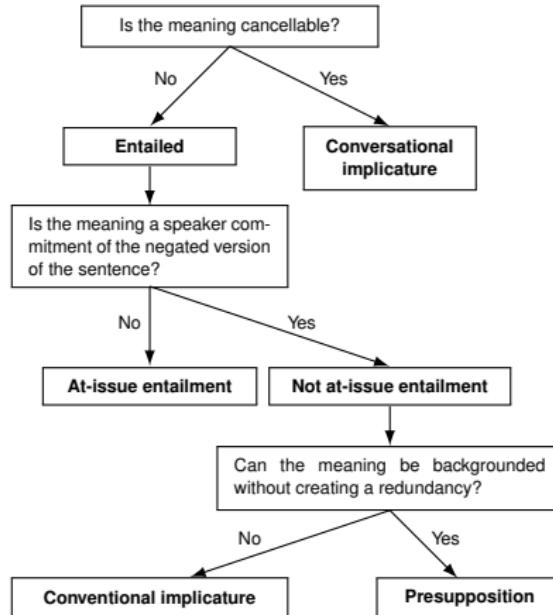


Meaning of interest:
Kim finished the exam

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

Examples

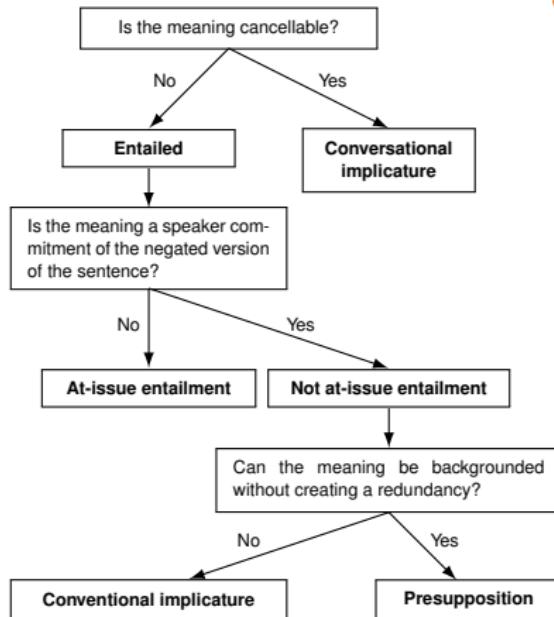
Sandy stopped smoking.



Examples

Sandy stopped smoking.

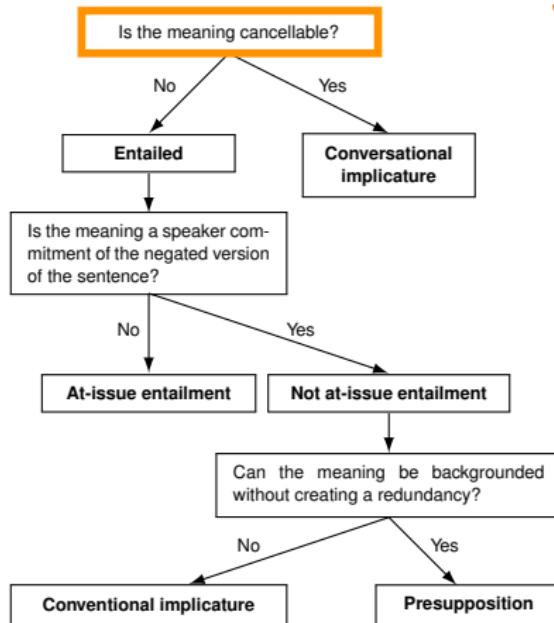
Meaning of interest:
Sandy smoked in the past



Examples

Sandy stopped smoking.

Meaning of interest:
Sandy smoked in the past

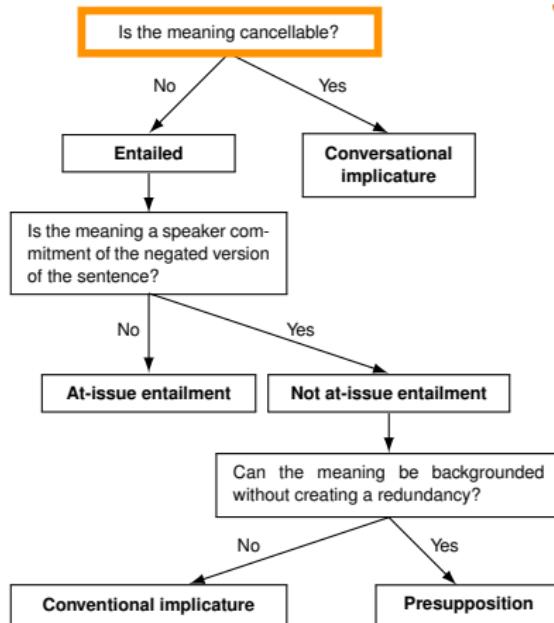


- # Sandy stopped smoking — in fact, she never smoked.

Examples

Sandy stopped smoking.

Meaning of interest:
Sandy smoked in the past

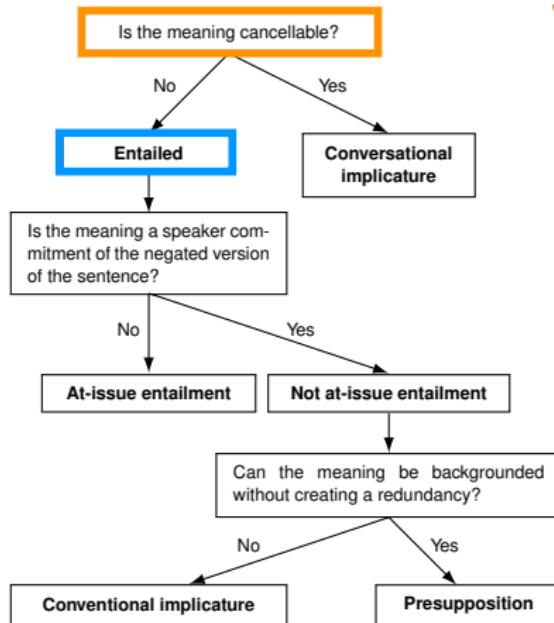


- # Sandy stopped smoking — in fact, she never smoked.

Examples

Sandy stopped smoking.

Meaning of interest:
Sandy smoked in the past

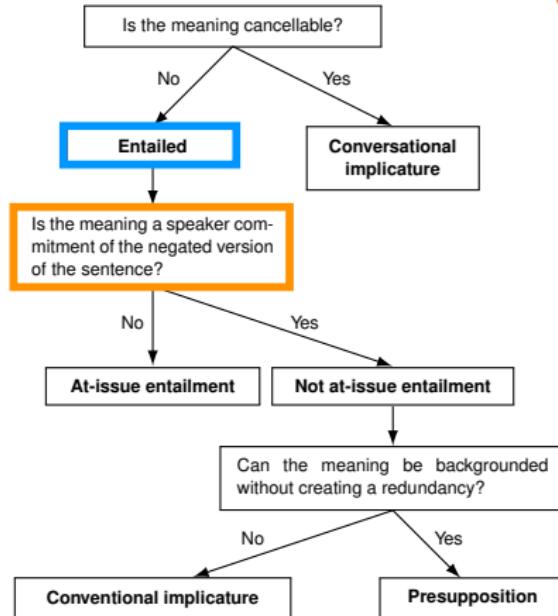


- # Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed

Examples

Sandy stopped smoking.

Meaning of interest:
Sandy smoked in the past

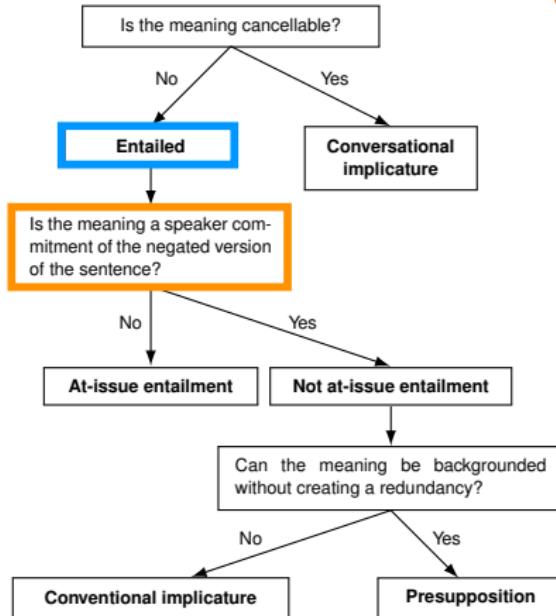


- # Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed
- Sandy didn't stop smoking.

Examples

Sandy stopped smoking.

Meaning of interest:
Sandy smoked in the past

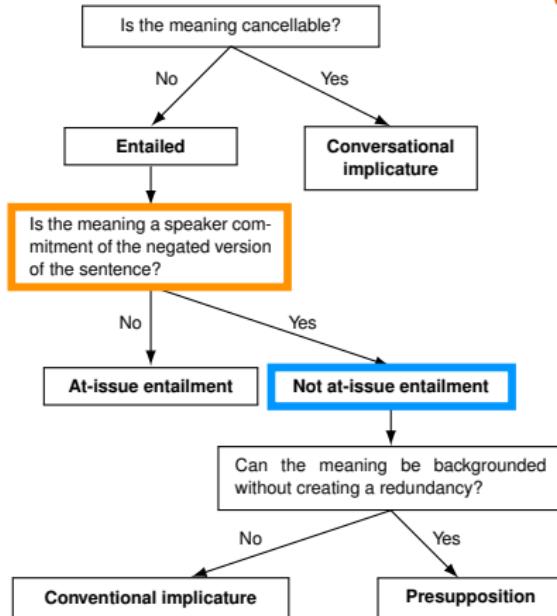


- # Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow entailed
- Sandy **didn't** stop smoking.

Examples

Sandy stopped smoking.

Meaning of interest:
Sandy smoked in the past

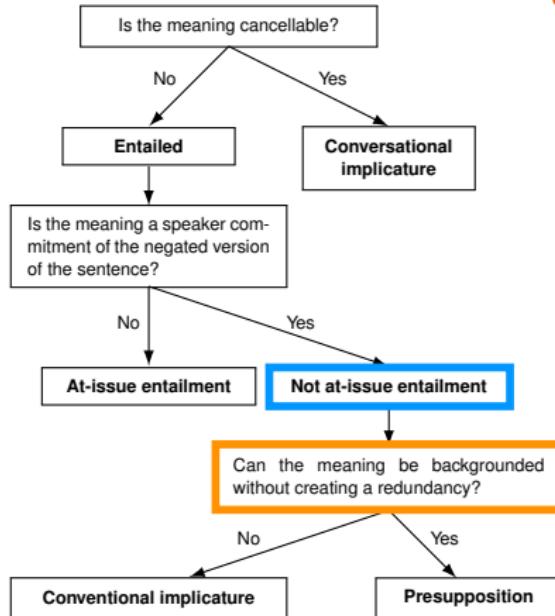


- # Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow **entailed**
- Sandy **didn't** stop smoking.
speaker commitment of the negated version \Rightarrow **not at-issue**

Examples

Sandy stopped smoking.

Meaning of interest:
Sandy smoked in the past

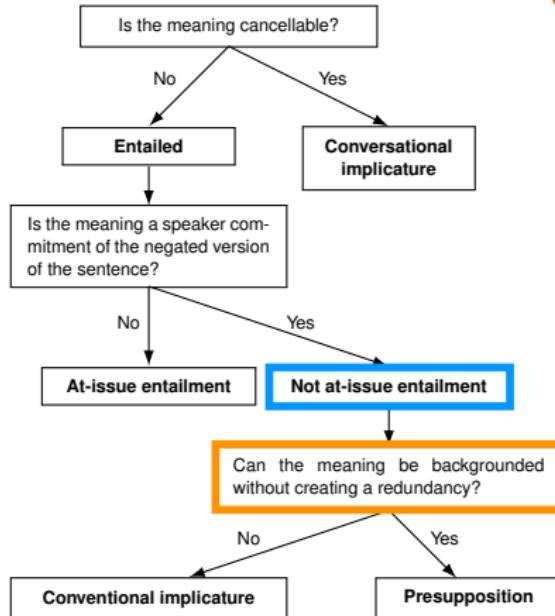


- # Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow **entailed**
- Sandy didn't stop smoking.
speaker commitment of the negated version \Rightarrow **not at-issue**
- Sandy smoked in the past, but she stopped smoking.

Examples

Sandy stopped smoking.

Meaning of interest:
Sandy smoked in the past

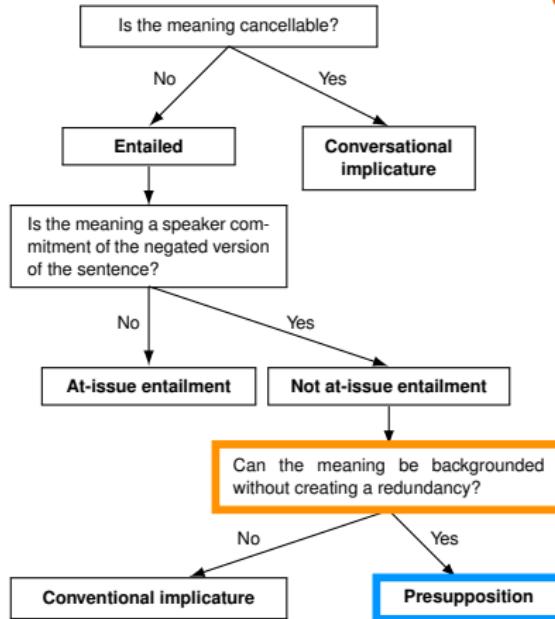


- # Sandy stopped smoking — in fact, she never smoked.
not cancellable \Rightarrow **entailed**
- Sandy didn't stop smoking.
speaker commitment of the negated version \Rightarrow **not at-issue**
- **Sandy smoked in the past**, but she stopped smoking.

Examples

Sandy stopped smoking.

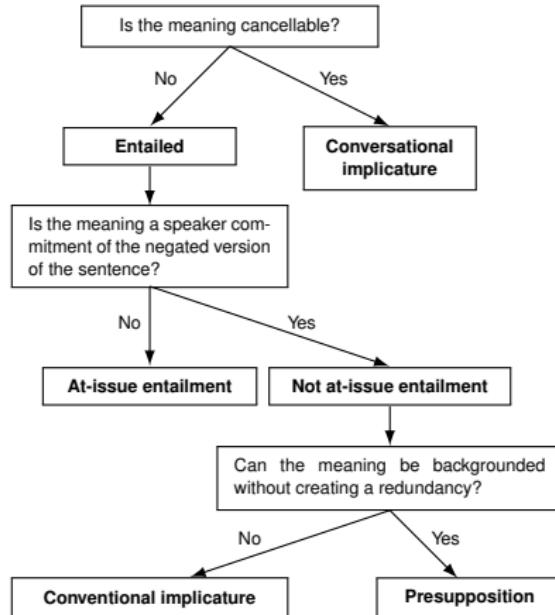
Meaning of interest:
Sandy smoked in the past



- # Sandy stopped smoking — in fact, she never smoked.
 not cancellable \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.
 can be backgrounded \Rightarrow presupposition

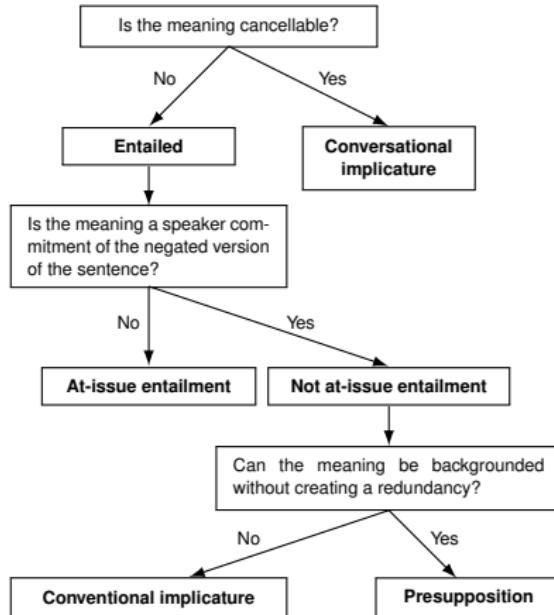
Examples

David met Barbara, who is a linguist.



Examples

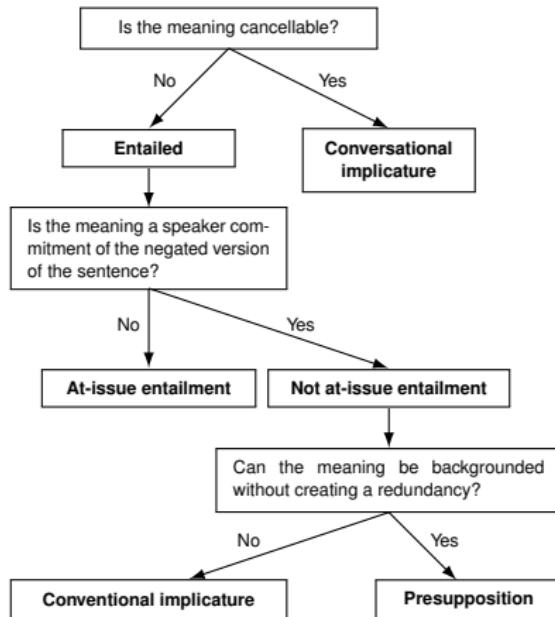
David met Barbara, **who is a linguist**.



Examples

David met Barbara, **who is a linguist**.

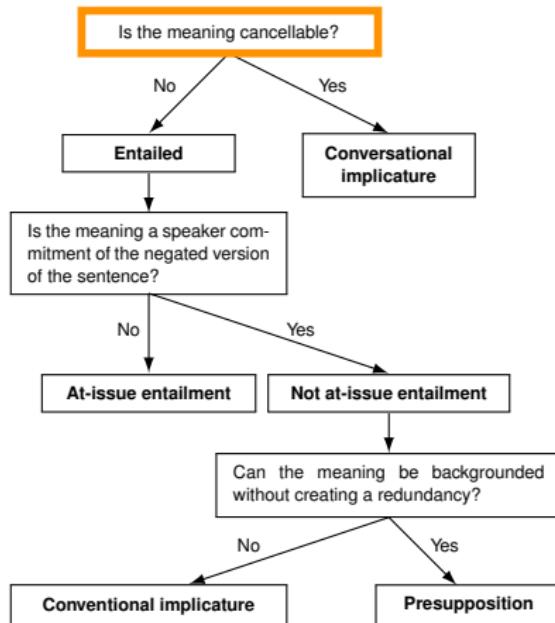
Meaning of interest:
Barbara is a linguist



Examples

David met Barbara, who is a linguist.

Meaning of interest:
Barbara is a linguist

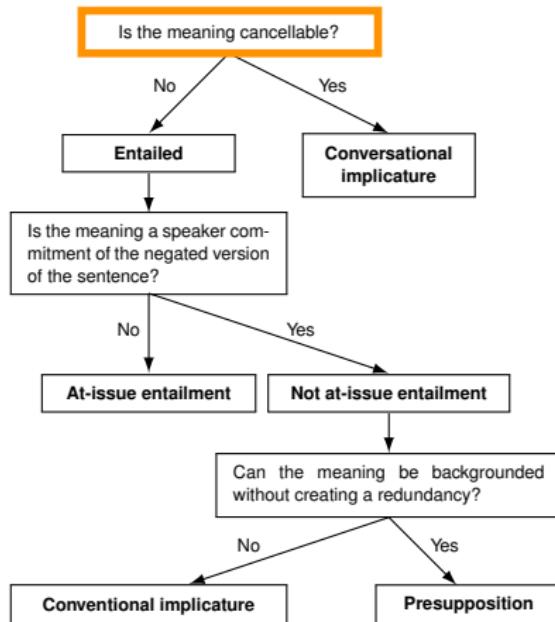


- # David met Barbara, who is a linguist, but Barbara is not a linguist.

Examples

David met Barbara, who is a linguist.

Meaning of interest:
Barbara is a linguist

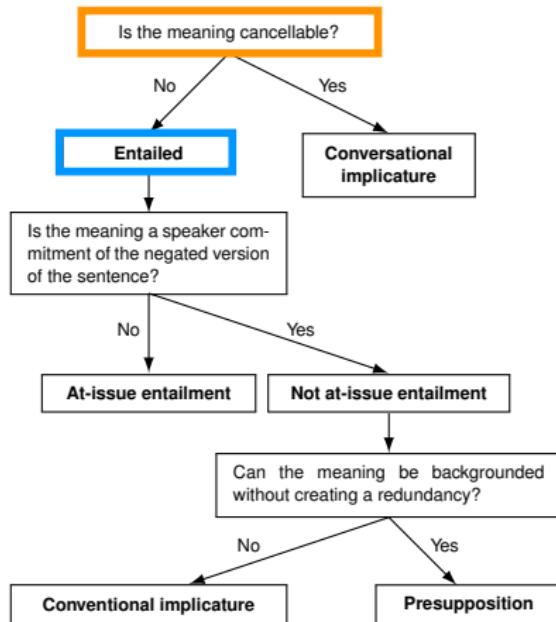


- # David met Barbara, who is a linguist, but **Barbara is not a linguist.**

Examples

David met Barbara, who is a linguist.

Meaning of interest:
Barbara is a linguist

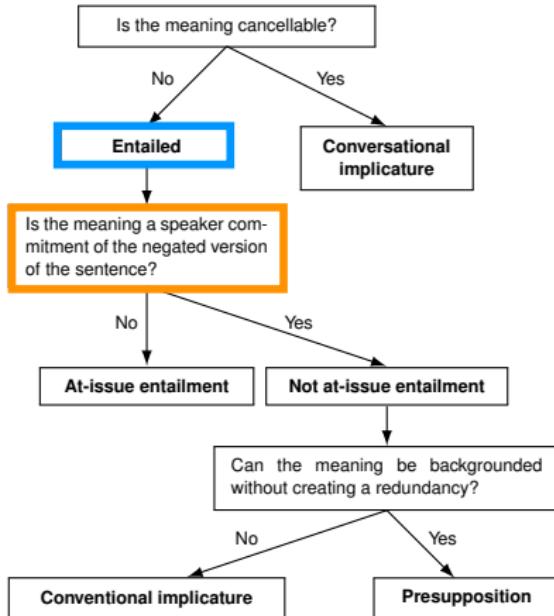


- # David met Barbara, who is a linguist, but *Barbara is not a linguist*.
not cancellable \Rightarrow entailed

Examples

David met Barbara, who is a linguist.

Meaning of interest:
Barbara is a linguist

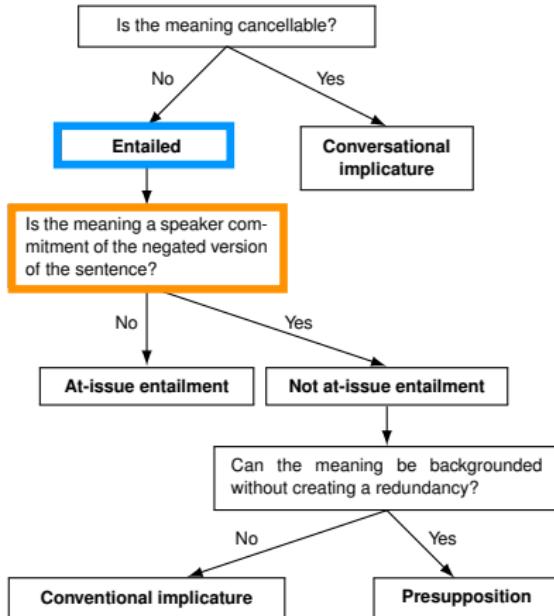


- # David met Barbara, who is a linguist, but Barbara is not a linguist.
not cancellable \Rightarrow entailed
- David didn't meet Barbara, who is a linguist.

Examples

David met Barbara, who is a linguist.

Meaning of interest:
Barbara is a linguist

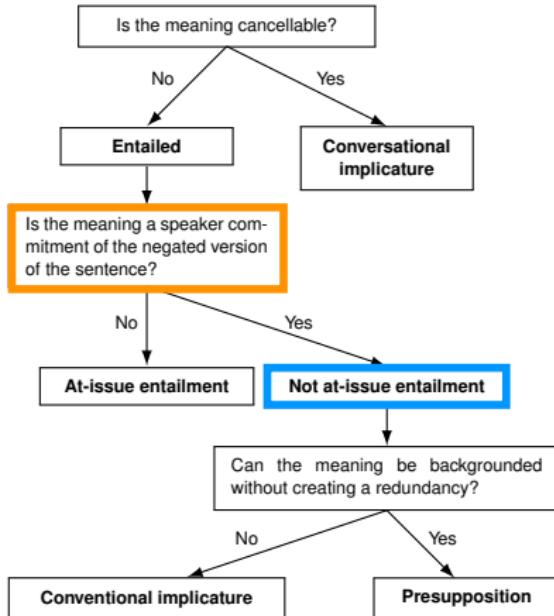


- # David met Barbara, who is a linguist, but Barbara is not a linguist.
 not cancellable \Rightarrow entailed
- David **didn't** meet Barbara, who is a linguist.

Examples

David met Barbara, who is a linguist.

Meaning of interest:
Barbara is a linguist

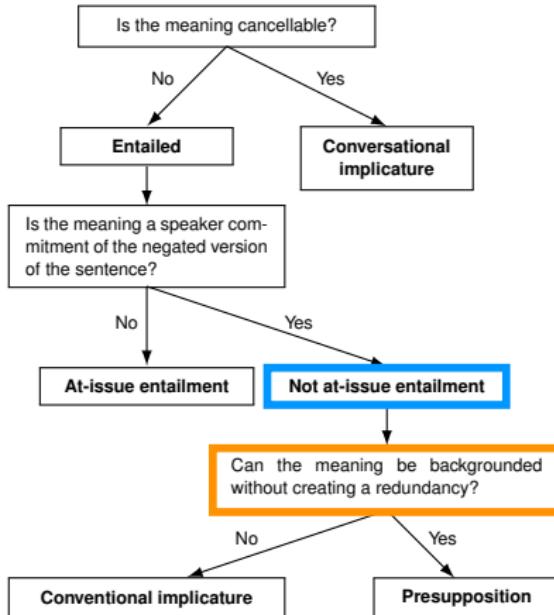


- # David met Barbara, who is a linguist, but Barbara is not a linguist.
 not cancellable \Rightarrow entailed
- David didn't meet Barbara, who is a linguist.
 speaker commitment of the negated version \Rightarrow not at-issue

Examples

David met Barbara, who is a linguist.

Meaning of interest:
Barbara is a linguist



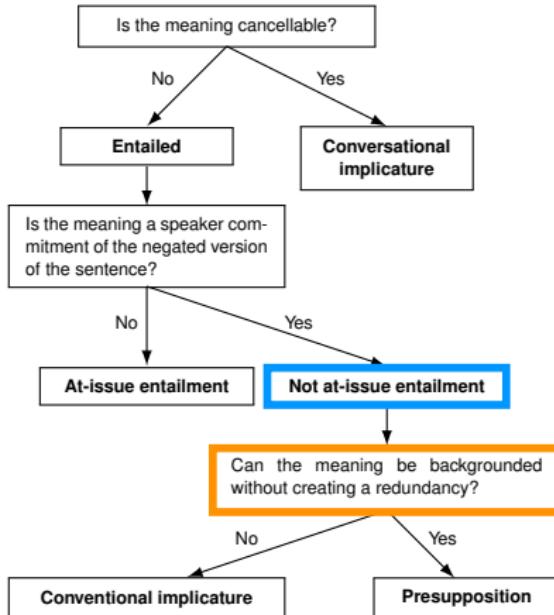
- # David met Barbara, who is a linguist, but Barbara is not a linguist.
not cancellable \Rightarrow **entailed**
- David didn't meet Barbara, who is a linguist.
speaker commitment of the negated version \Rightarrow **not at-issue**
- # Barbara is a linguist, and David is a philosopher. David met Barbara,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

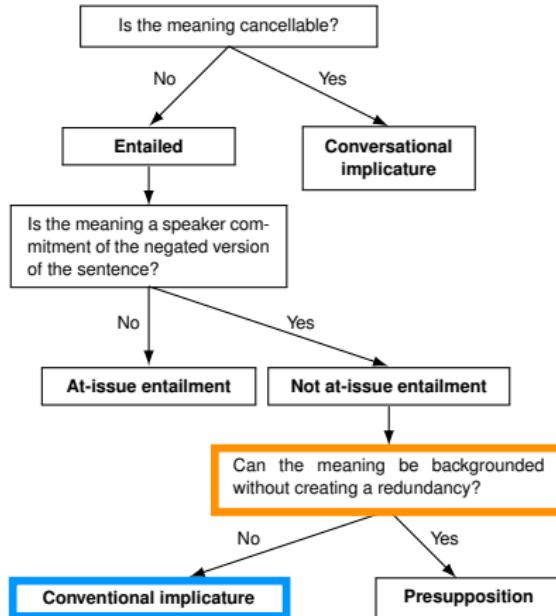
- # *Barbara is a linguist*, and David is a philosopher. David met Barbara, who is a linguist.

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