

Intertwining the negative cycles

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne

ne ... pas

pas

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne
ne ... pas
pas

ne
ne / net
net

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne
ne ... pas
pas

ne
ne / net
net

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne
ne ... pas
pas
pas ... X

ne
ne / net
net

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne
ne ... pas
pas
pas ... X
X

ne
ne / net
net

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne
ne ... pas
pas
pas ... X
X

ne
ne / net
net
net / X
X

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne
ne ... pas
pas
pas ... X
X

ne
ne / net
net
net / X
X

personne
person'
ne personne
'not nobody'
personne
'nobody'

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne

ne ... pas

pas

pas ... X

X

ne

ne / net

net

net / X

X

personne

person'

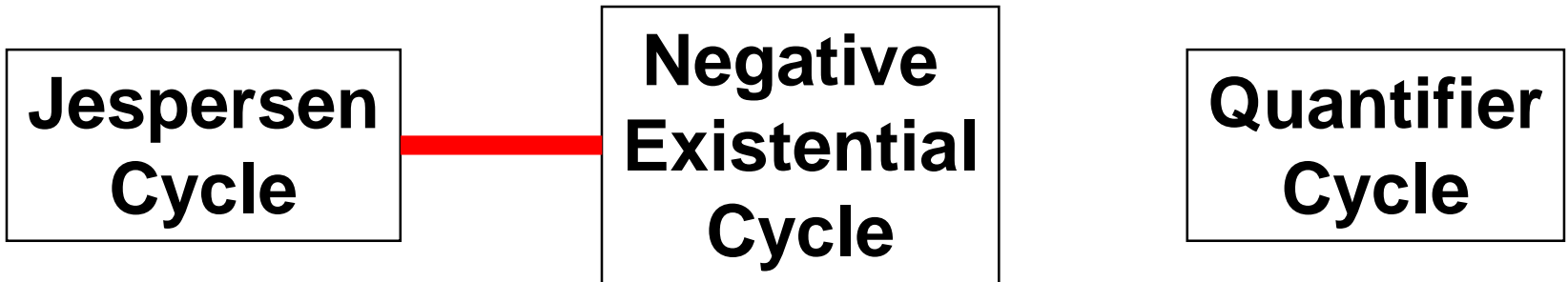
ne personne

'not nobody'

personne

'nobody'

A tale of three cycles



ne
ne ... pas
pas
pas ... X
X

ne
ne / net
net
net / X
X

**Under a reasonable
definition of 'Jespersen
Cycle', 2 of the 3 subtypes
of the Negative Existential
Cycle are actually
Jespersen Cycles**

① Under a reasonable definition of 'Jespersen Cycle', 2 of the 3 subtypes of the Negative Existential Cycle are actually Jespersen Cycles

**Under a reasonable
definition of 'Jespersen
Cycle', 2 of the 3 subtypes
of the Negative Existential**

**② Cycle are actually
Jespersen Cycles**

- ① **Under a reasonable definition of ‘Jespersen Cycle’, 2 of the 3 subtypes of the Negative Existential Cycle are actually Jespersen Cycles**

Bréal 1876, Perle 1878, Gardiner 1904, Meillet 1912, Jespersen 1917, Blancaert 1923, Pauwels 1958, Dahl 1979, Möhren 1980, Joly 1981, Schwegler 1983, Schwegler 1988, Croft 1991, Early 1994, Dahl 1995, Bernini & Ramat 1996, Beukema 1999, Roberge 2000, Horn 2001, Anderwald 2002, Roberts & Rousseau 2003, Zeijlstra 2004, Willis 2005, Kiparsky & Condoravdi 2006, Lucas 2007, Biberauer 2008, Van Gelderen (ed.) 2009, Van Gelderen 2010, Larrivée & Ingham (eds.) 2011, Chatzopoulou 2012, Devos & van der Auwera 2013, Wester 2014, Sjörs 2015, Vossen 2016, van der Auwera & Vossen in print

Bréal 1876, Perle 1878, Gardiner 1904, Meillet 1912, Jespersen 1917, Blancaert 1923, Pauwels 1958, Dahl 1979, Möhren 1980, Joly 1981, Schwegler 1983, Schwegler 1988, Croft 1991, Early 1994, Dahl 1995, Bernini & Ramat 1996, Beukema 1999, **Roberge 2000, Horn 2001, Anderwald 2002, Roberts & Rousseau 2003, Zeijlstra 2004, Willis 2005, Kiparsky & Condoravdi 2006, Lucas 2007, Biberauer 2008, Van Gelderen (ed.) 2009, Van Gelderen 2010, Larrivée & Ingham (eds.) 2011, Chatzopoulou 2012, Devos & van der Auwera 2013, Wester 2014, Sjörs 2015, Vossen 2016, van der Auwera & Vossen in print**

Bréal 1876, Perle 1878, Gardiner 1904, Meillet 1912, **Jespersen 1917**, Blancaert 1923, Pauwels 1958, Dahl 1979, Möhren 1980, Joly 1981, Schwegler 1983, Schwegler 1988, Croft 1991, Early 1994, Dahl 1995, Bernini & Ramat 1996, Beukema 1999, **Roberge 2000**, **Horn 2001**, **Anderwald 2002**, **Roberts & Rousseau 2003**, **Zeijlstra 2004**, **Willis 2005**, **Kiparsky & Condoravdi 2006**, **Lucas 2007**, **Biberauer 2008**, **Van Gelderen (ed.) 2009**, **Van Gelderen 2010**, **Larrivée & Ingham (eds.) 2011**, **Chatzopoulou 2012**, **Devos & van der Auwera 2013**, **Wester 2014**, **Sjörs 2015**, **Vossen 2016**, **van der Auwera & Vossen in print**

Bréal 1876, Perle 1878, Gardiner 1904, Meillet 1912, **Jespersen 1917**, Blancaert 1923, Pauwels 1958, **Dahl 1979**, Möhren 1980, Joly 1981, Schwegler 1983, Schwegler 1988, Croft 1991, Early 1994, Dahl 1995, Bernini & Ramat 1996, Beukema 1999, **Roberge 2000**, **Horn 2001**, **Anderwald 2002**, **Roberts & Rousseau 2003**, **Zeijlstra 2004**, **Willis 2005**, **Kiparsky & Condoravdi 2006**, **Lucas 2007**, **Biberauer 2008**, **Van Gelderen (ed.) 2009**, **Van Gelderen 2010**, **Larrivée & Ingham (eds.) 2011**, **Chatzopoulou 2012**, **Devos & van der Auwera 2013**, **Wester 2014**, **Sjörs 2015**, **Vossen 2016**, **van der Auwera & Vossen in print**

Bréal 1876, Perle 1878, Gardiner 1904, Meillet 1912, Jespersen 1917, Blancaert 1923, Pauwels 1958, Dahl 1979, Möhren 1980, Joly 1981, Schwegler 1983, Schwegler 1988, Croft 1991, Early 1994, Dahl 1995, Bernini & Ramat 1996, Beukema 1999, Roberge 2000, Horn 2001, Anderwald 2002, Roberts & Rousseau 2003, Zeijlstra 2004, Willis 2005, Kiparsky & Condoravdi 2006, Lucas 2007, Biberauer 2008, Van Gelderen (ed.) 2009, Van Gelderen 2010, Larrivée & Ingham (eds.) 2011, Chatzopoulou 2012, Devos & van der Auwera 2013, Wester 2014, Sjörs 2015, Vossen 2016, van der Auwera & Vossen in print

Bréal 1876, Perle 1878, Gardiner 1904, Meillet 1912, Jespersen 1917, Blancaert 1923, Pauwels 1958, Dahl 1979, Möhren 1980, Joly 1981, Schwegler 1983, Schwegler 1988, Croft 1991, Early 1994, Dahl 1995, Bernini & Ramat 1996, Beukema 1999, Roberge 2000, Horn 2001, Anderwald 2002, Roberts & Rousseau 2003, Zeijlstra 2004, Willis 2005, Kiparsky & Condoravdi 2006, Lucas 2007, Biberauer 2008, Van Gelderen (ed.) 2009, Van Gelderen 2010, Larrivée & Ingham (eds.) 2011, Chatzopoulou 2012, Devos & van der Auwera 2013, Wester 2014, Sjörs 2015, Vossen 2016, van der Auwera & Vossen in print

Jespersen Cycle



ne

ne ... pas

pas

**Jespersen
Cycles**

ne

ne ... pas

pas

**Jespersen
Cycles**

ne
ne ... pas
pas

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

not
not ... no
no

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing
not one
notone

ne
ne ... pas
pas

not
not ... no
no
ne
ne ... not
not

**Jespersen
Cycles**

Swedish, Dutch
Brazilian Portuguese

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

ne
ne ... not
not

not
not ... no
no

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

ne
ne ... not
not

not
not ... no
no

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

Amharic, Drehu

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

ne
ne ... not
not

not
not ... no
no

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

not
not ... no
no

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

Arizona Tewa

ne
ne ... pas
pas

ne
ne ... not
not

not
not ... no
no

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

Arizona Tewa, Finnish

ne
ne ... pas
pas

ne
ne ... not
not

not
not ... no
no

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

ne
ne ... not
not

not
not ... no
no

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

ne
ne ... not
not

not
not ... no
no

Bantu, South Arabian

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

not
not ... no
no

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

Greek, Latin

not
not ... no
no

ne
ne ... pas
pas

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

ou
ou de hen
ouden

not
not ... -ing
-ing

ne
ne ... pas
pas

Greek

not
not ... no
no

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

ou
ou de hen
ouden

not
not ... -ing
-ing

ne
ne ... nas

Greek

not

Willmot 2013 ↔ Chatzopoulou 2012

ne ... not
not

no

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing

ne
ne oenum
noenum

Latin

not
not ... no
no

ne
ne ... pas
pas

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing

ne
ne oenum
noenum

Latin

ne
ne ... pas

not

van der Auwera, Vossen,

not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

ne
ne oenum
noenum

not
not ... -ing
-ing

ne
ne ... pas

Latin

not

van der Auwera, Vossen,
... Jespersen 1917

not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing

ne
ne oenum
noenum

ne
ne ... pas

Latin

not

**van der Auwera, Vossen,
... Jespersen 1917**

↔ Schwegler 1983, 1988

not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

not
not ... no
no

ne
ne ... not
not

**Jespersen
Cycles**

not

not ... not

not

not

not ... even

even

not

not ... -ing

-ing

not

not one

notone

ne

ne ... pas

pas

not

not ... no

no

ne

ne ... not

not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing

not
not one
notone

not
not ... no
no

ne
ne ... pas
pas

ne
ne ... not
not

**Jespersen
Cycles**

not

not ... not

not

not

not ... even

even

not

not ... -ing

-ing

not

not one

notone

not

not ... no

no

ne

ne ... pas

pas

ne

ne ... not

not

**Jespersen
Cycles**

not

not ... not

not

not

not ... even

even

not

not ... -ing

-ing

not

**not one
notone**

not

not ... no

no

ne

ne ... pas

pas

ne

ne ... not

not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing

not
not one
notone

not
not ... no
no

ne
ne ... pas
pas

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing

not
not one
notone

not
not ... no
no

ne
ne ... pas
pas

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing

not
not ... one
notone

ne
ne ... pas
pas

not
not ... no
no

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... -ing
-ing

not
not one
notone

not
not ... no
no

ne
ne ... pas
pas

ne
ne ... not
not

**Jespersen
Cycles**

not
not ... not
not

not
not ... even
even

not
not ... one
notone

not
not ... -ing
-ing

ne
ne ... pas
pas

not
not ... no
no

ne
ne ... not
not

**Jespersen
Cycles**

not
not + not
not

not
not + even
even

not
not + -ing
-ing

not
not + one
notone

ne
ne + pas
pas

ne
ne + not
not

not
not + no
no

**Jespersen
Cycles**

NEG1 + α \rightarrow NEG2

**Jespersen
Cycles**

NEG1 + α \rightarrow NEG2

univerbation or doubling?

is the effect due to emphasis?

is α also a NEG?

**Jespersen
Cycles**

NEG1 + α \rightarrow NEG2

univerbation or doubling? 3-ing, 4-ing, 5-ing

is the effect due to emphasis?

is α also a NEG?

**Jespersen
Cycles**

NEG1 + α \rightarrow NEG2

univerbation or doubling? 3-ing, 4-ing, 5-ing

is the effect due to emphasis?

is α also a NEG?

another function for NEG1?

**Under a reasonable
definition of 'Jespersen
Cycle', 2 of the 3 subtypes
of the Negative Existential**

**② Cycle are actually
Jespersen Cycles**

**Negative
Existential
Cycle**

ne
ne / net
net

**Croft 1991, Kahrel 1996,
Veselinova 2010,
Veselinova 2013, Willis,
Lucas & Breitbarth,
Veselinova 2014,
Veselinova (with Skirgård)
2015, Veselinova 2016**

Croft 1991, Kahrel 1996,
Veselinova 2010,
Veselinova 2013, Willis,
Lucas & Breitbarth,
Veselinova 2014,
Veselinova (with Skirgård)
2015, Veselinova 2016

Croft 1991, Kahrel 1996,
Veselinova 2010,
Veselinova 2013, Willis,
Lucas & Breitbarth,
Veselinova 2014,
Veselinova (with Skirgård)
2015, Veselinova 2016

Croft 1991, Veselinova 2010, Veselinova 2013, Veselinova 2014, Veselinova (with Skirgård) 2015, Veselinova 2016

**Negative
Existential
Cycle**

***ne*
ne / net
*net***

Croft 1991, Veselinova 2010, Veselinova 2013, Veselinova 2014, Veselinova (with Skirgård) 2015, Veselinova 2016

**Negative
Existential
Cycle**

ne
ne / net
net

① doubling

‘reinforcement’, ‘emphasis’

Meillet 1912, Schwegler 1983, 1988

Wintu (Croft 1991: 10; Pitkin 1984: 197)

ʔelew-be:sken hara:-wer-mina

NEGEX-you.IMPF go-FUT-NEG

'You were not supposed to go.'

**Jespersen
Cycles**

not
not + not
not

not
not + even
even

not
not + -ing
-ing

not
not + one
notone

not
not + no
no

ne
ne + pas
pas

ne
ne + not
not

not
not + not.exist
not.exist

Jespersen
Cycles

not
not + not
not

not
not + even
even

not
not + -ing
-ing

not
not + one
notone

not
not + no
no

ne
ne + pas
pas

ne
ne + not
not

Croft 1991, Veselinova 2010, Veselinova 2013, Veselinova 2014, Veselinova (with Skirgård) 2015, Veselinova 2016

**Negative
Existential
Cycle**

ne
ne / net
net

① doubling

② reinterpretation

Croft 1991, Veselinova 2010, Veselinova 2013, Veselinova 2014, Veselinova (with Skirgård) 2015, Veselinova 2016

**Negative
Existential
Cycle**

ne
ne / net
net

① doubling

reinterpretation

② reinterpretation

Croft 1991, Veselinova 2010, Veselinova 2013, Veselinova 2014, Veselinova (with Skirgård) 2015, Veselinova 2016

Negative
Existential
Cycle

ne
ne / net
net

① doubling

reinterpretation

② reinterpretation

Could these be Jespersen cycles too?

Croft 1991, Veselinova 2010, Veselinova 2013, Veselinova 2014, Veselinova (with Skirgård) 2015, Veselinova 2016

**Negative
Existential
Cycle**

ne
ne / net
net

① doubling

reinterpretation

② reinterpretation

Could these be Jespersen cycles too?
Yes

Croft 1991, Veselinova 2010, Veselinova 2013, Veselinova 2014, Veselinova (with Skirgård) 2015, Veselinova 2016

Negative
Existential
Cycle

ne
ne / net
net

① doubling

reinterpretation

② reinterpretation

Could these be Jespersen cycles too?
Yes, for one type

Croft 1991, Veselinova 2010, Veselinova 2013, Veselinova 2014, Veselinova (with Skirgård) 2015, Veselinova 2016

**Negative
Existential
Cycle**

ne
ne / net
net

① doubling

reinterpretation

② reinterpretation

Could these be Jespersen cycles too?
Yes, for one type, one out of two.

Two types of negative existentials

Veselinova (2013: 137)

Univerbation of SN and another word e.g. NEG + 'exist'	17 (27 %)
Reinterpretation of negative lexical item e.g. 'absent', 'lack'	25 (39.7 %)

Two types of negative existentials

Veselinova (2013: 137)

Univerbation of SN and another word e.g. NEG + 'exist'	17 (27 %)
Reinterpretation of negative lexical item e.g. 'absent', 'lack'	25 (39.7 %)
Unknown	21 (33.3 %)

Two types of negative existentials

Veselinova (2013: 137)

Univerbation of SN and another word e.g. NEG + 'exist'	17 (27 %)
Reinterpretation of negative lexical item e.g. 'absent', 'lack'	25 (39.7 %)

Two types of negative existentials

Veselinova (2013: 137)

Univerbation of SN and another word e.g. NEG + 'exist'	17 (27 %)
Reinterpretation of negative lexical item e.g. 'absent', 'lack'	25 (39.7 %)

Univerbation of SN and another word
e.g. NEG + 'exist'

17 (27 %)

Univerbation of SN and another word

**Univerbation of SN and another word
e.g. NEG + 'exist'**

17 (27 %)

Univerbation of SN and another word

Latin NEG + *oenum*, Greek NEG + *de* + *hen*

Univerbation of SN and another word

e.g. NEG + 'exist'

17 (27 %)

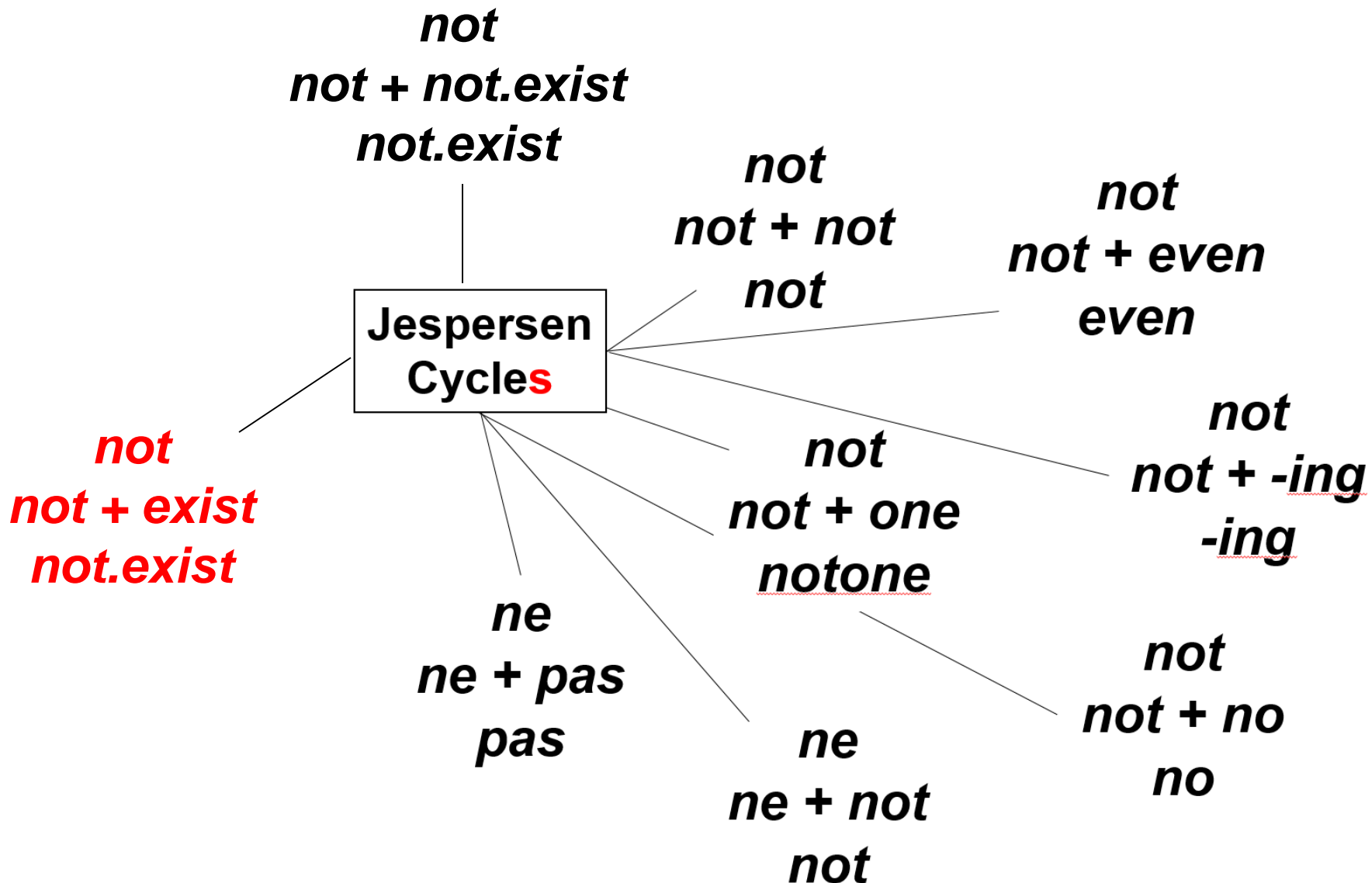
Reinterpretation of ‘another word’ collocating with NEG
NEG + minimizer, negative pronoun, scalar
particle, subordinator, answer particle

Univerbation of SN and another word

Latin NEG + *oenum*, Greek NEG + *de* + *hen*

Univerbation of SN and another word
e.g. NEG + ‘exist’

17 (27 %)



Reinterpretation of ‘another word’ collocating with NEG
NEG + minimizer, negative pronoun, scalar
particle, subordinator, answer particle

Univerbation of SN and another word

Latin NEG + *oenum*, Greek NEG + *de* + *hen*

Univerbation of SN and another word
e.g. NEG + ‘exist’

17 (27 %)

Reinterpretation of ‘another word’ collocating with NEG
NEG + minimizer, negative pronoun, scalar
particle, subordinator, answer particle

Univerbation of SN and another word

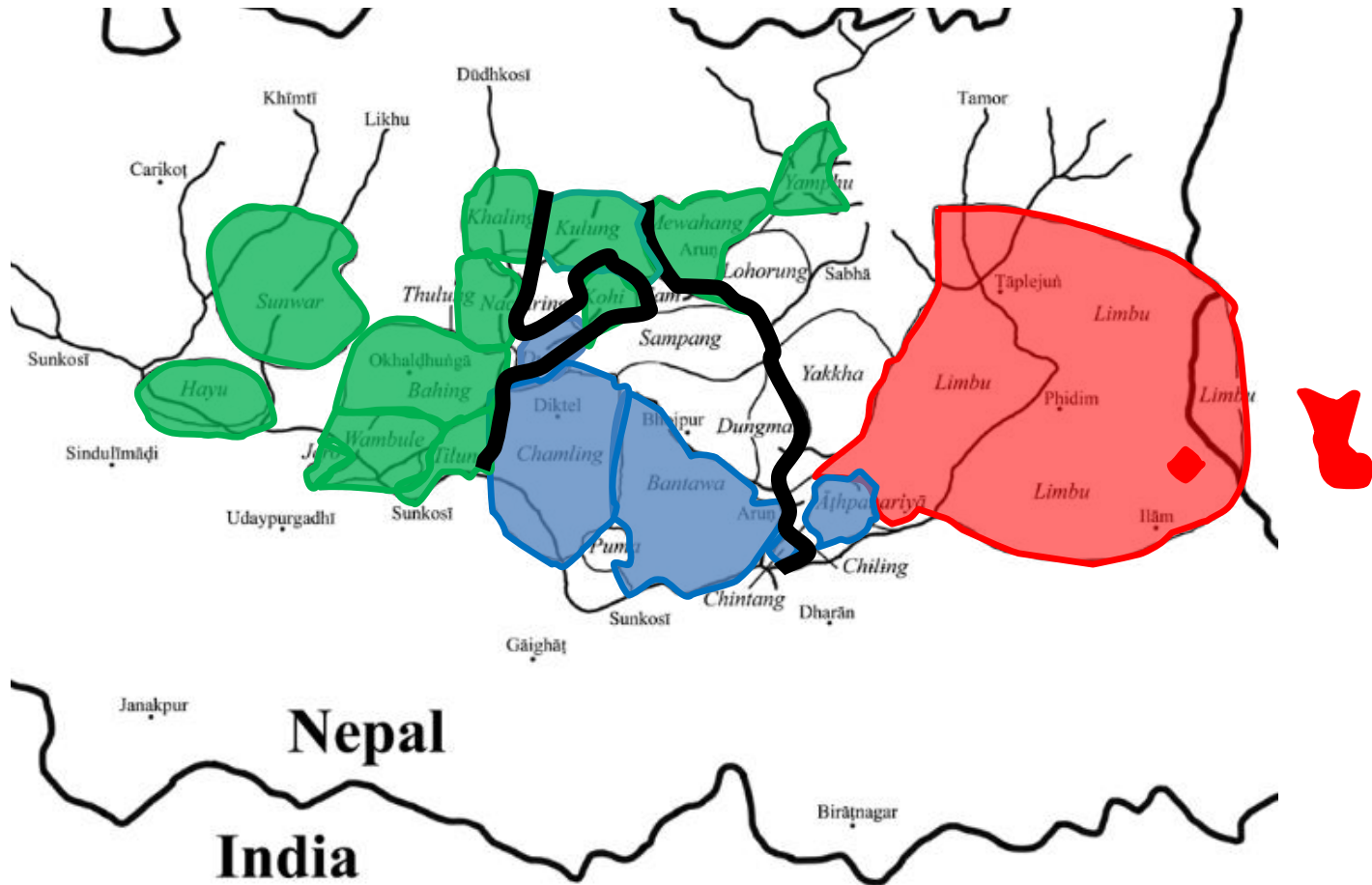
Latin NEG + *oenum*, Greek NEG + *de* + *hen*

Univerbation of SN and another word
e.g. NEG + ‘exist’

17 (27 %)

Reinterpretation of ‘another word’ of the ‘exist’ type
collocating with NEG





Double obligatory: Limbu, Lepcha

Double possible: Athpare, Bantawa, Belhare, Camling, Chintang, Dumi, Kulung

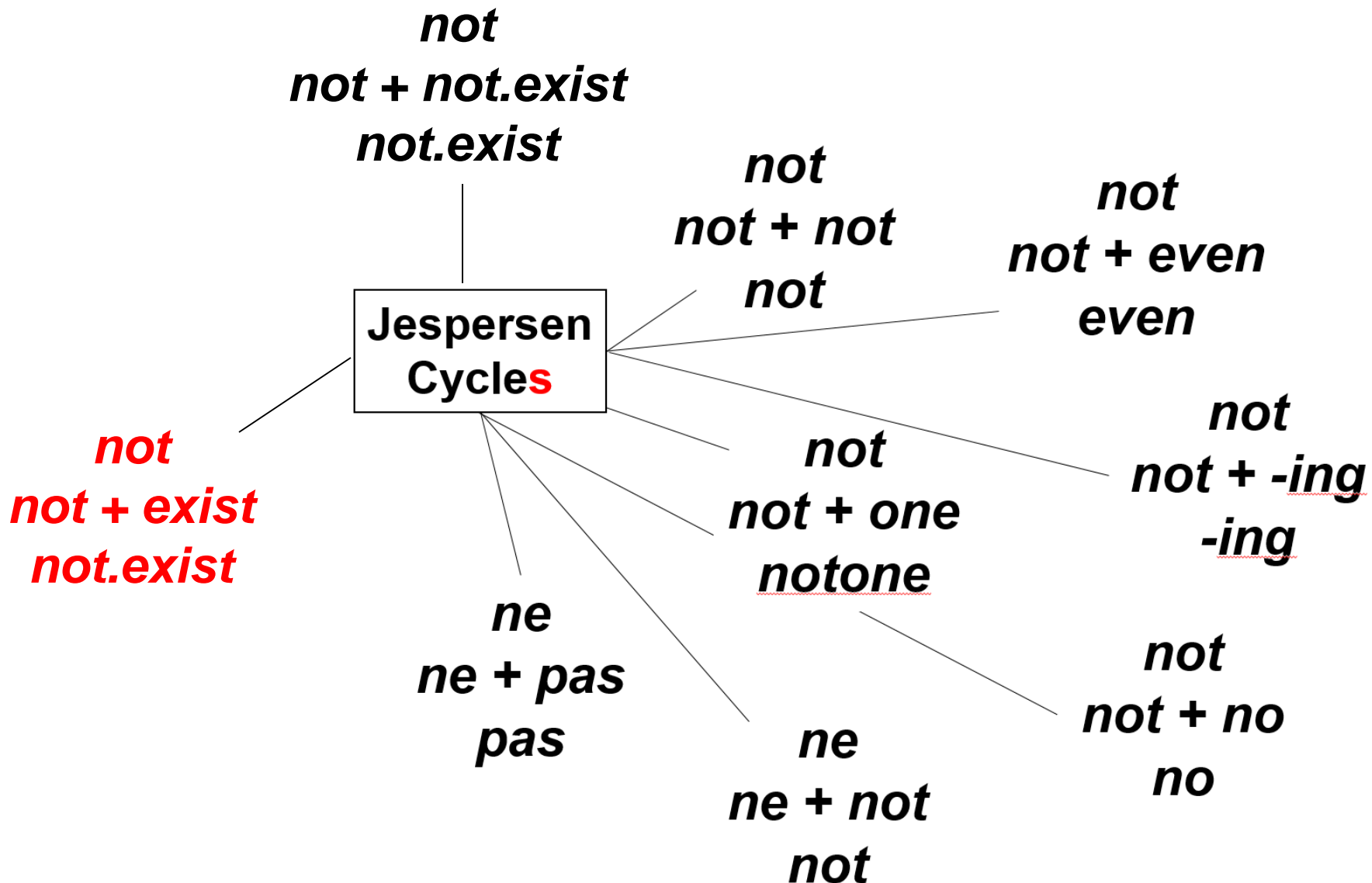
Single obligatory: Bahing, Hayu, Jero, Khaling, Sunwar, Thulung, Tilung, Wambule, Kulung, Mewahang, Yamphu

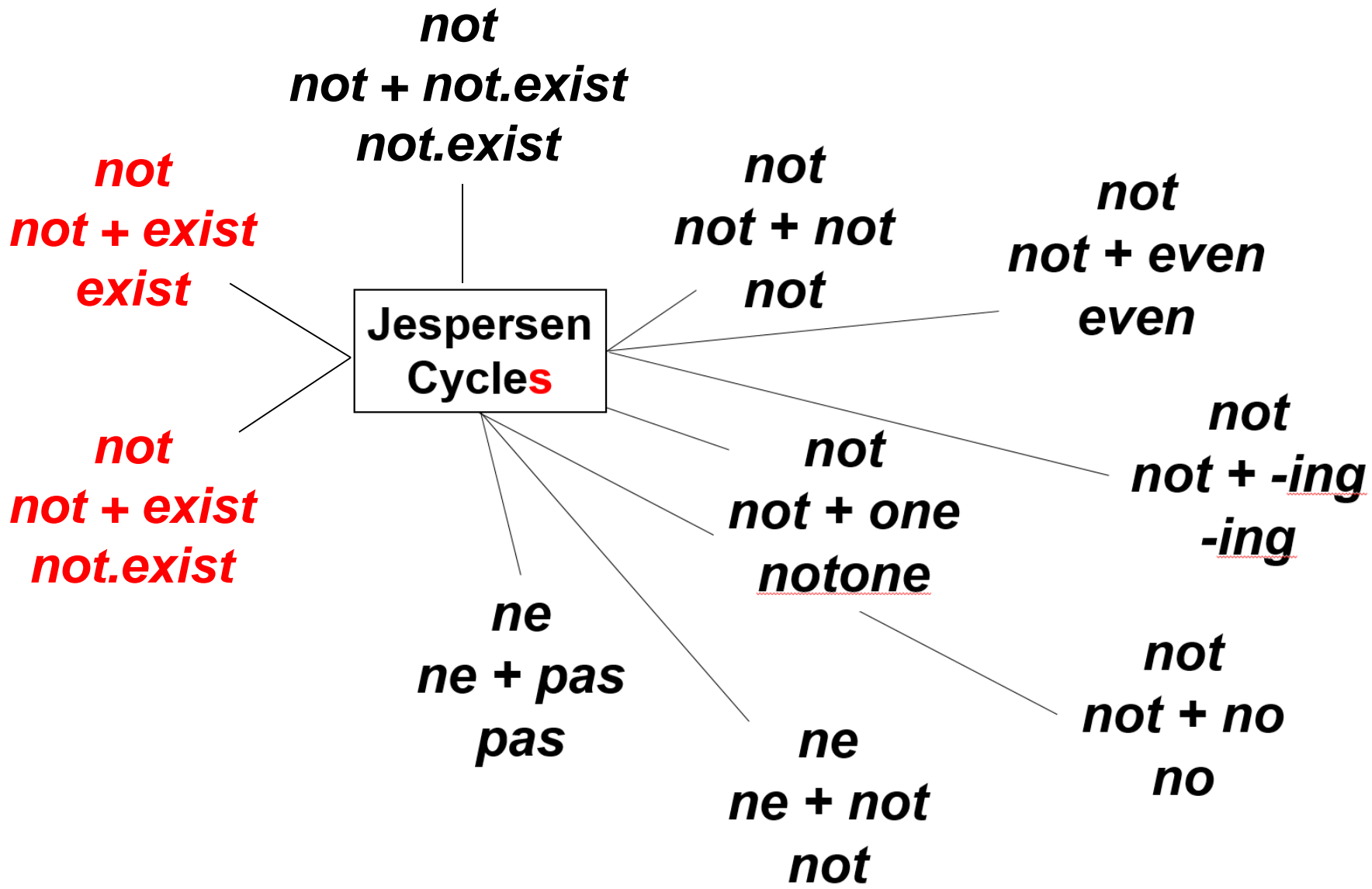
Dumi (van Driem 1993: 124, 149)

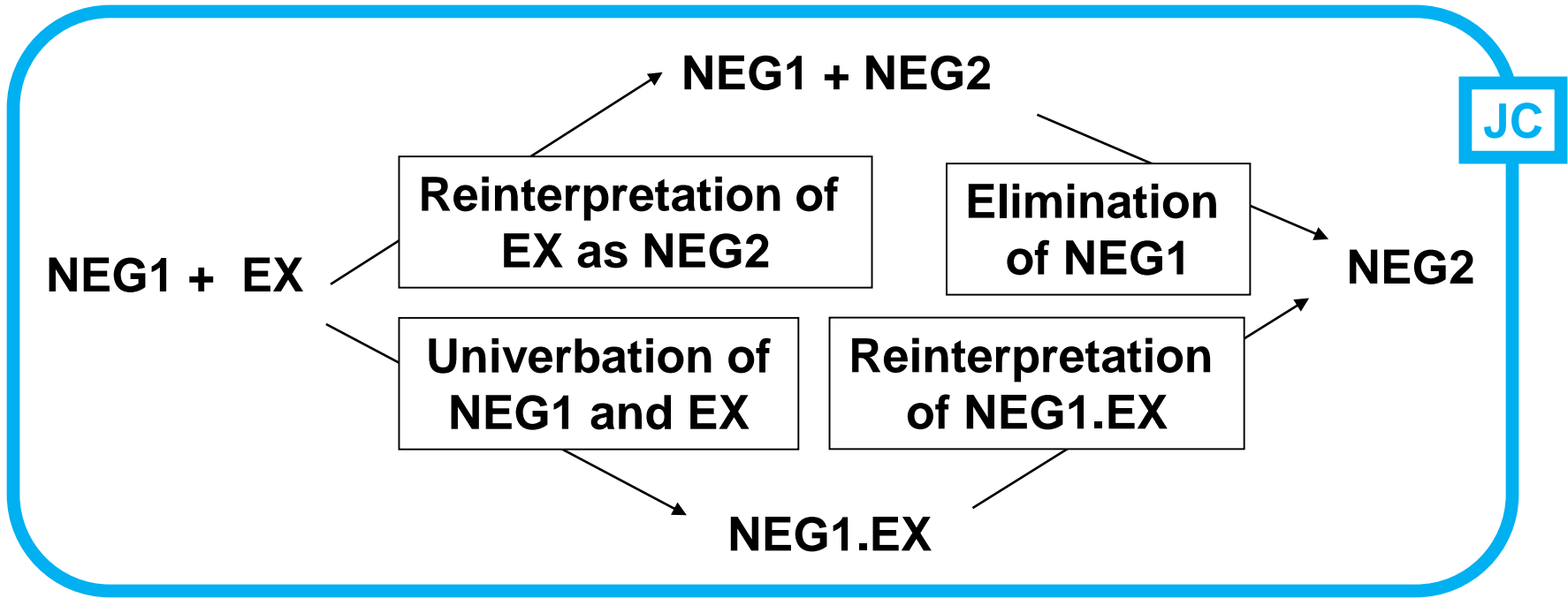
ape: ηə ham-mə-ye:-Ø-nə?

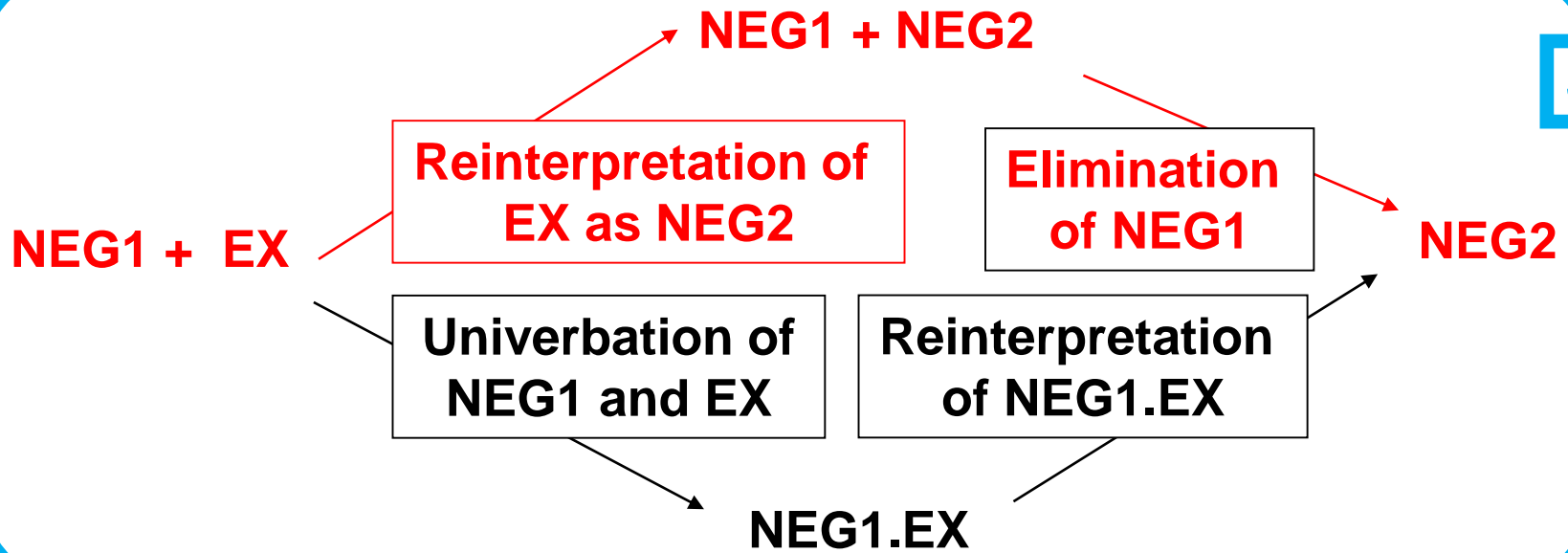
before EMPH 3PL-NEG1-come.down-PST-NEG2

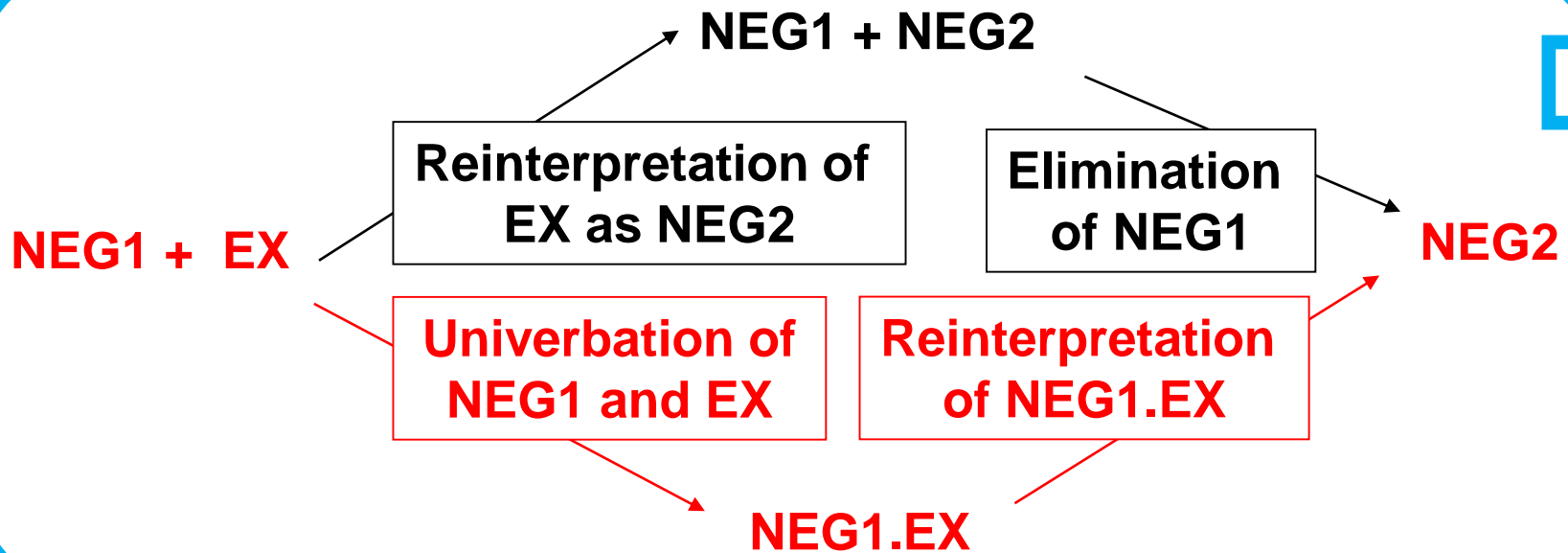
'Haven't they already come down?'

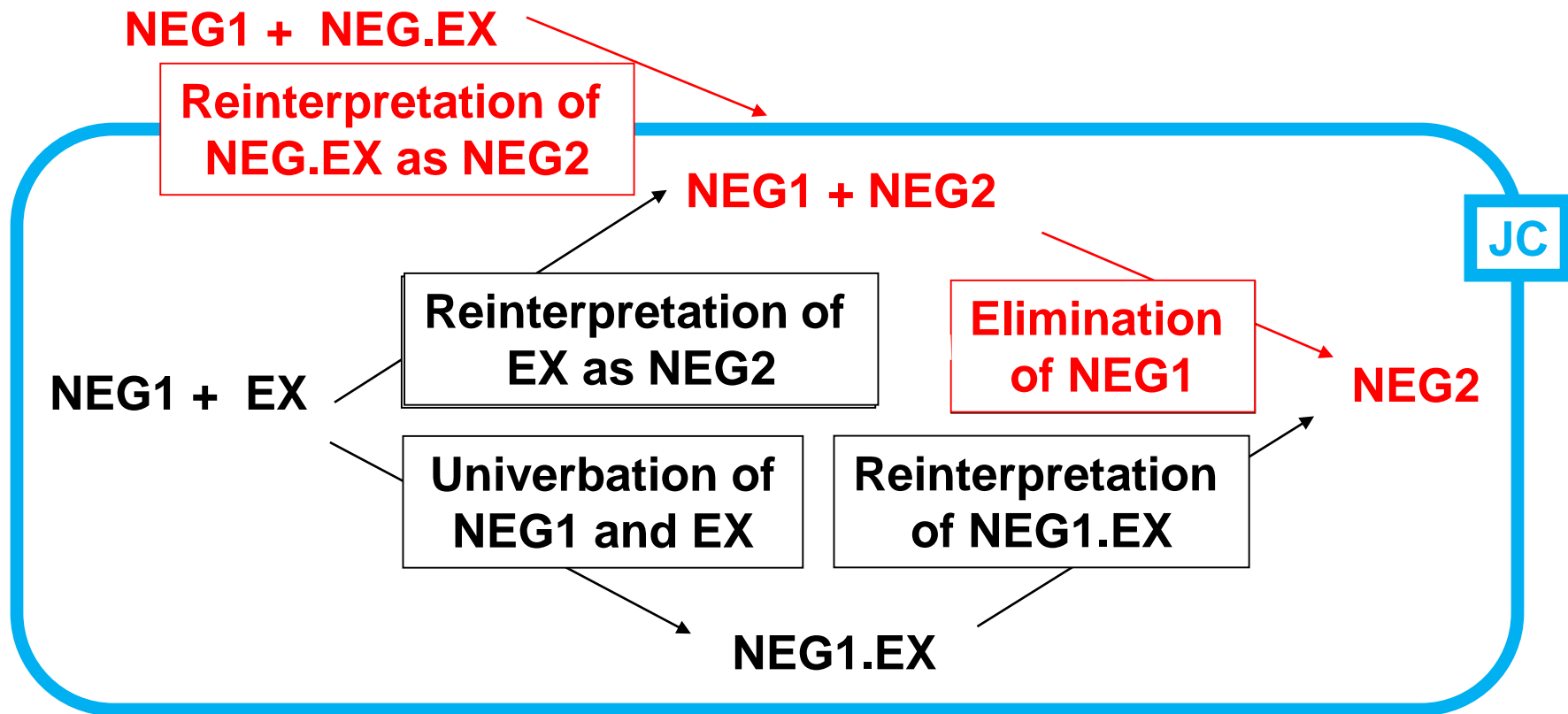












NEG1 + NEG.EX

**Reinterpretation of
NEG.EX as NEG2**

NEG1 + NEG2

**Elimination
of NEG1**

NEG2

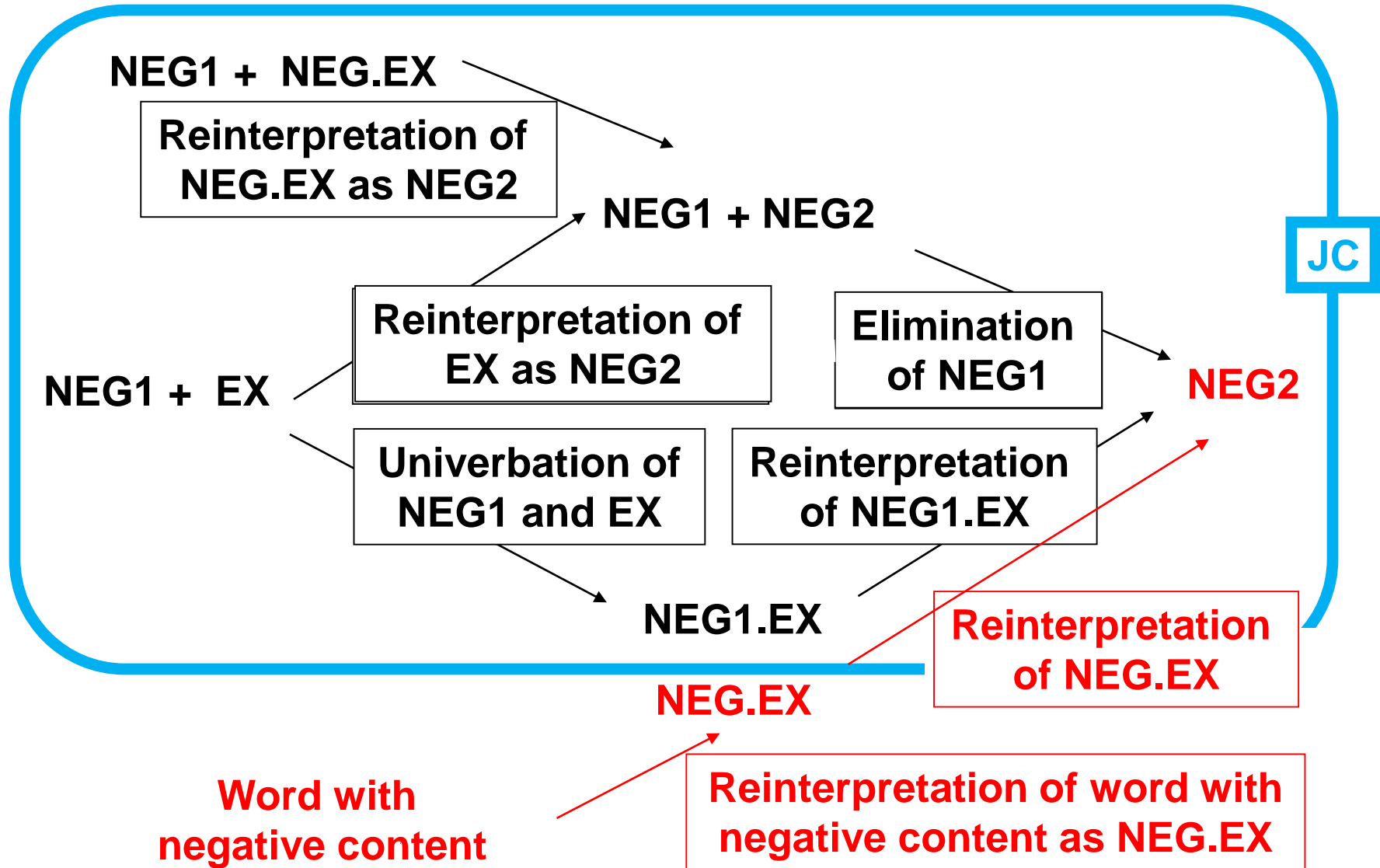
NEG1 + EX

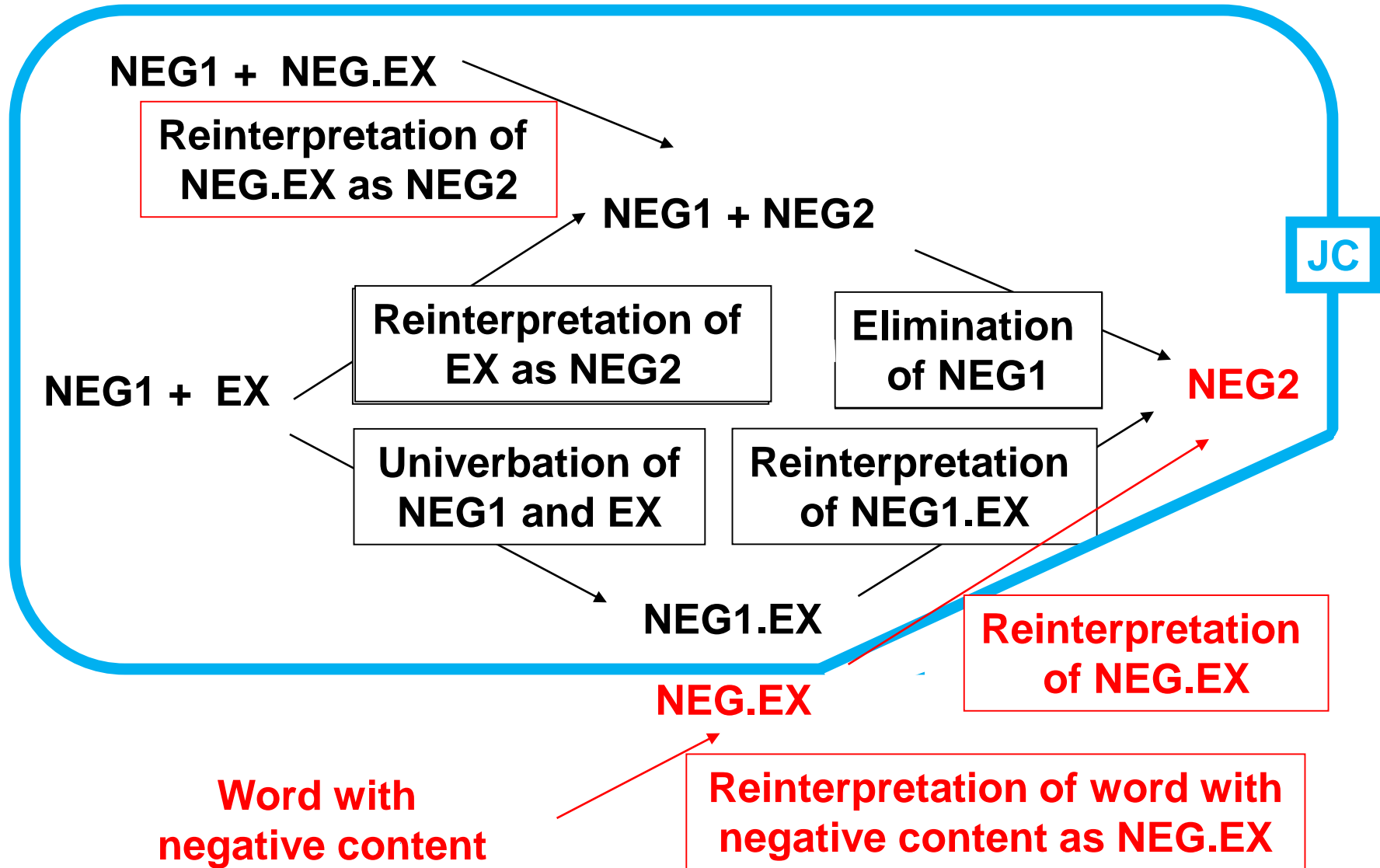
**Reinterpretation of
EX as NEG2**

**Univerbation of
NEG1 and EX**

**Reinterpretation
of NEG1.EX**

NEG1.EX





Word with negative content

Reinterpretation of word with negative content as NEG2

NEG1 + NEG.EX

Reinterpretation of NEG.EX as NEG2

NEG1 + NEG2

JC

NEG1 + EX

Reinterpretation of EX as NEG2

Elimination of NEG1

NEG2

Univerbation of NEG1 and EX

Reinterpretation of NEG1.EX

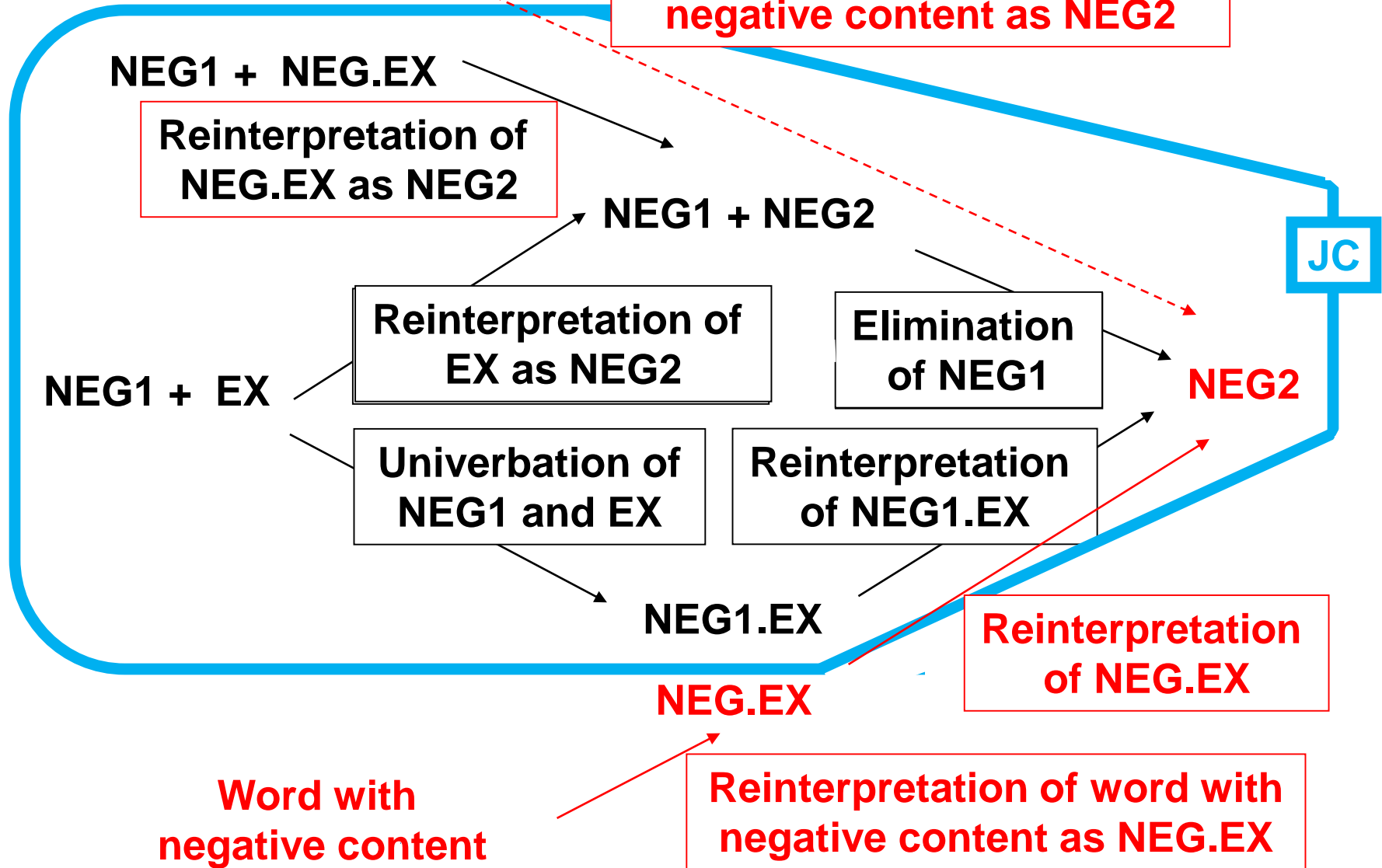
NEG1.EX

Reinterpretation of NEG.EX

NEG.EX

Word with negative content

Reinterpretation of word with negative content as NEG.EX



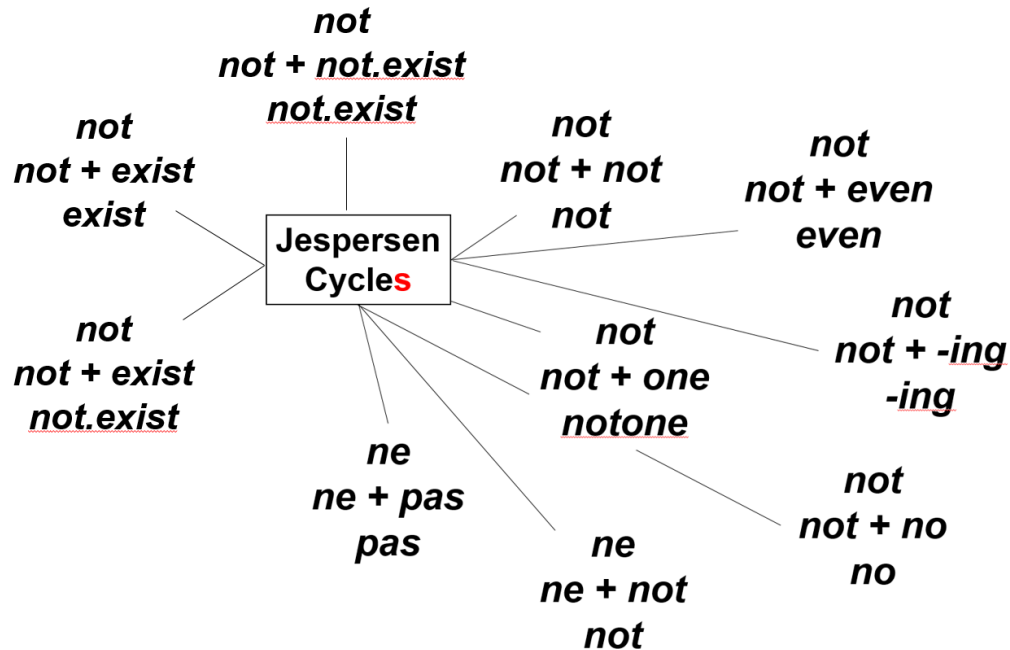
Interim Conclusion

**Interim
Conclusion**

**Reasonable
definition of
'Jespersen
Cycle'**

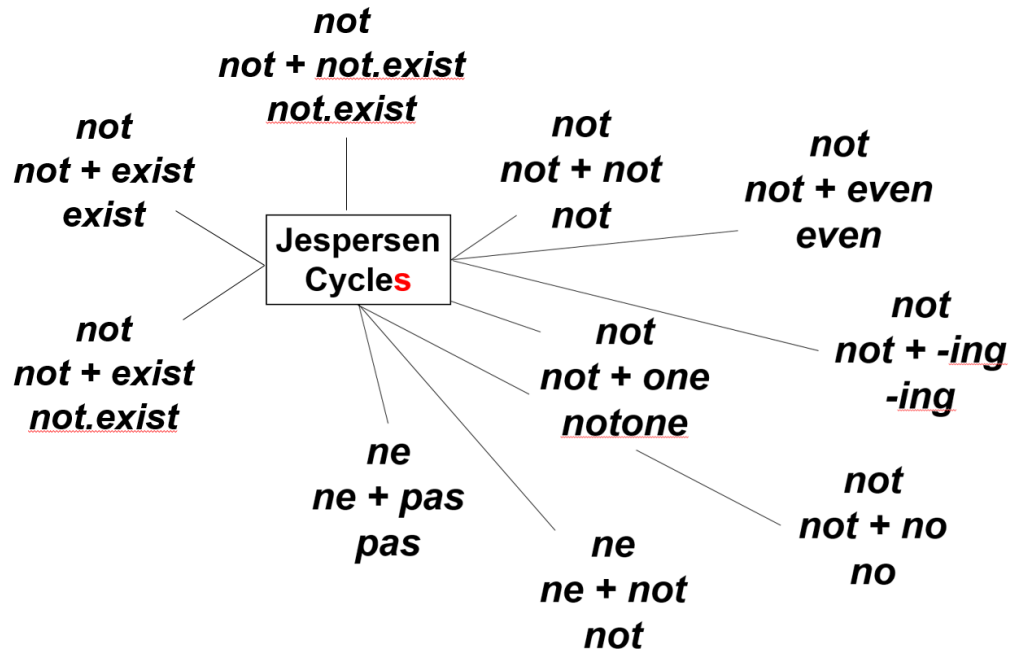
Interim Conclusion

Reasonable definition of 'Jespersen Cycle'



Interim Conclusion

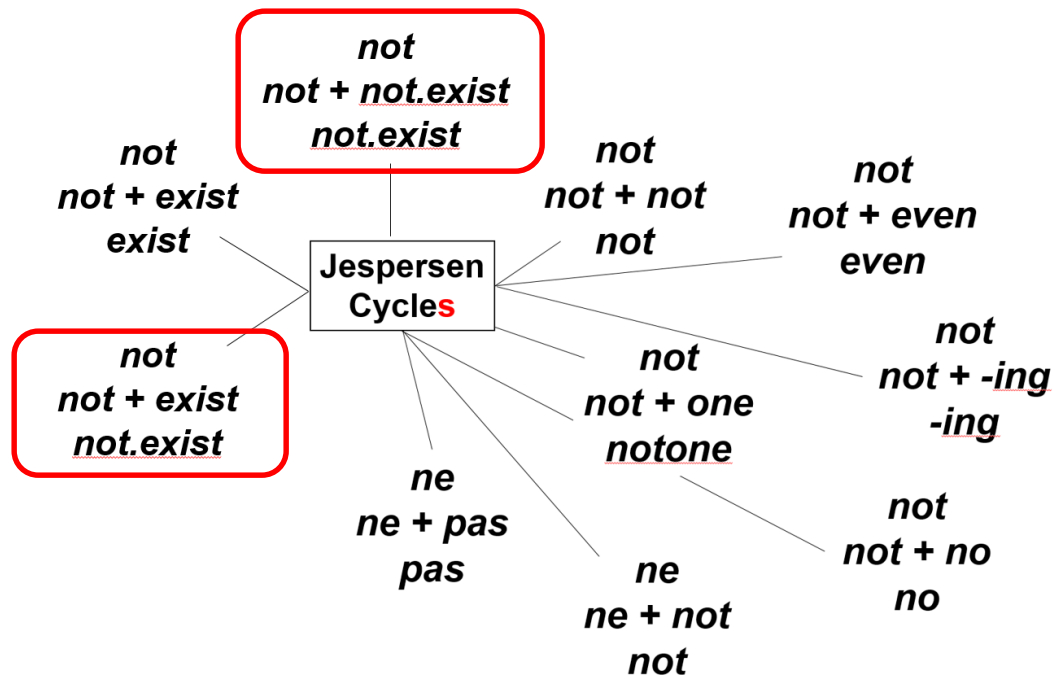
Reasonable
definition of
'Jespersen
Cycle'



It
contains
two
Negative
Existential
Cycles

Interim Conclusion

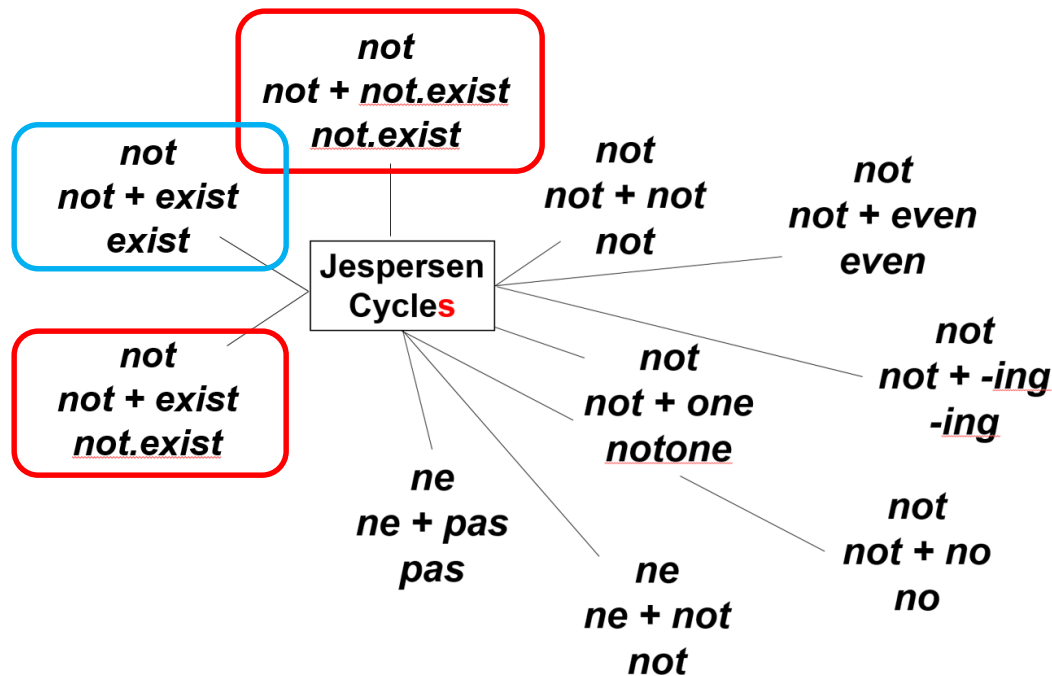
Reasonable
definition of
'Jespersen
Cycle'



It
contains
two
**Negative
Existential
Cycles**

Interim Conclusion

Reasonable
definition of
'Jespersen
Cycle'



It
contains
two
**Negative
Existential
Cycles**

And a **'Positive'
Existential Cycle!**

A tale of three cycles

**Jespersen
Cycle**

**Negative
Existential
Cycle**

**Quantifier
Cycle**

ne
ne ... pas
pas
pas ... X
X

ne
ne / net
net
net / X
X

personne
person'
ne personne
'not nobody'
personne
'nobody'

A tale of three cycles

**Jespersen
Cycle**

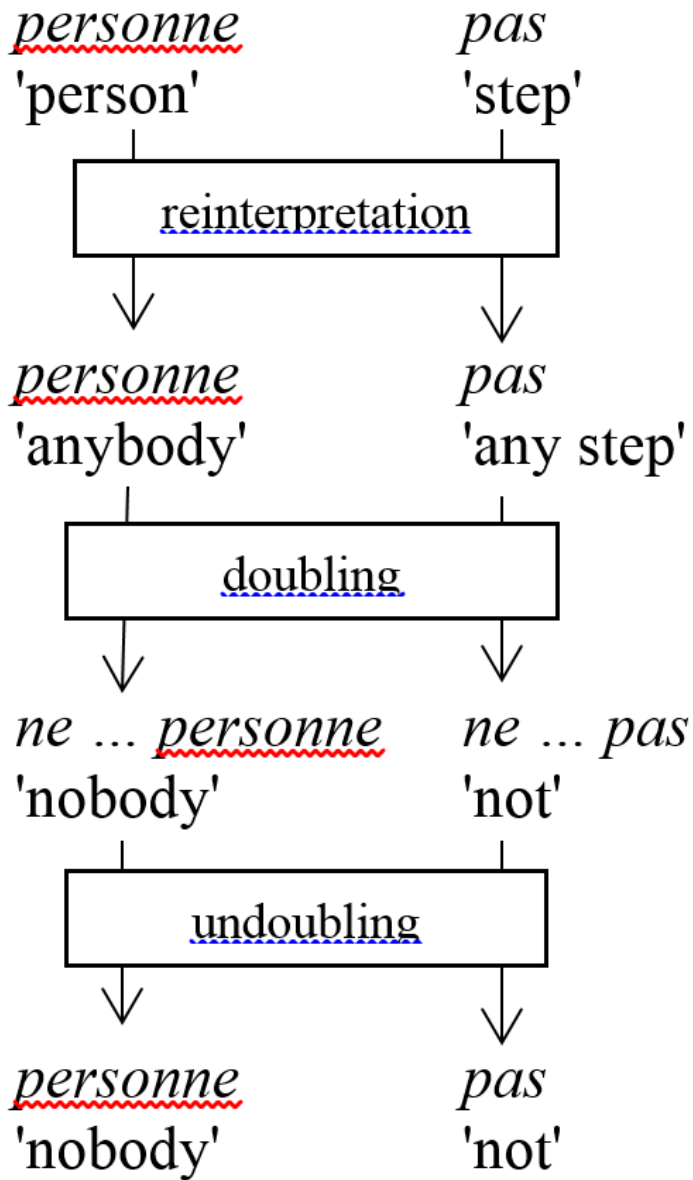
**Negative
Existential
Cycle**

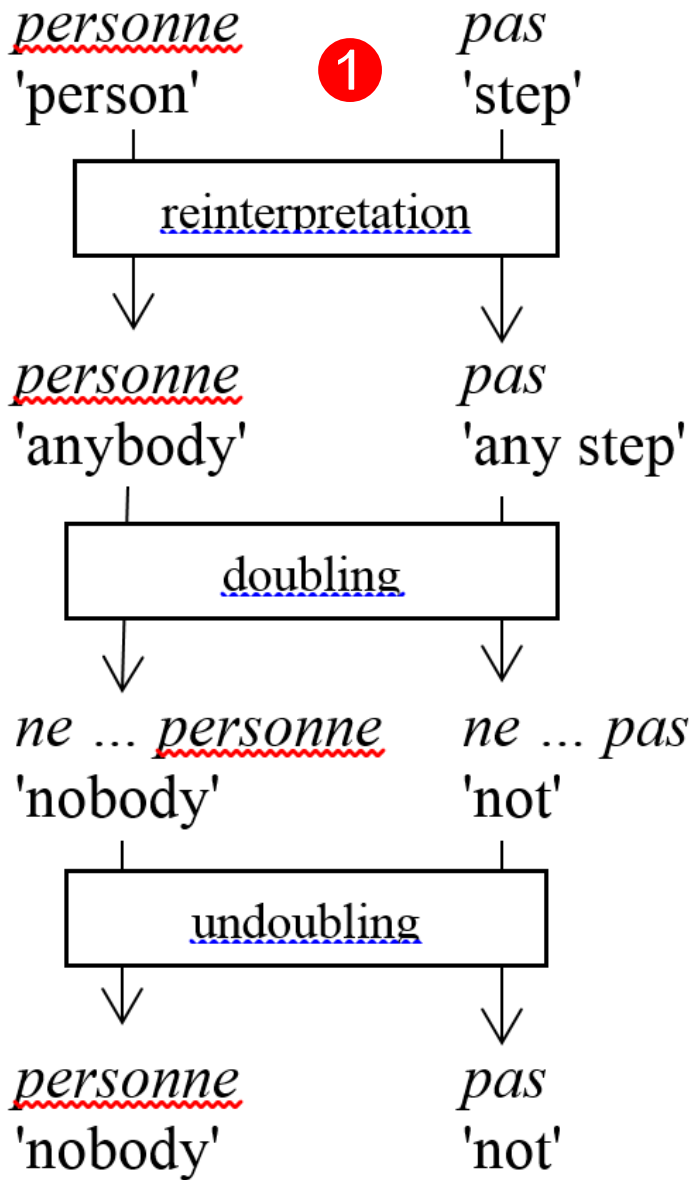
**Quantifier
Cycle**

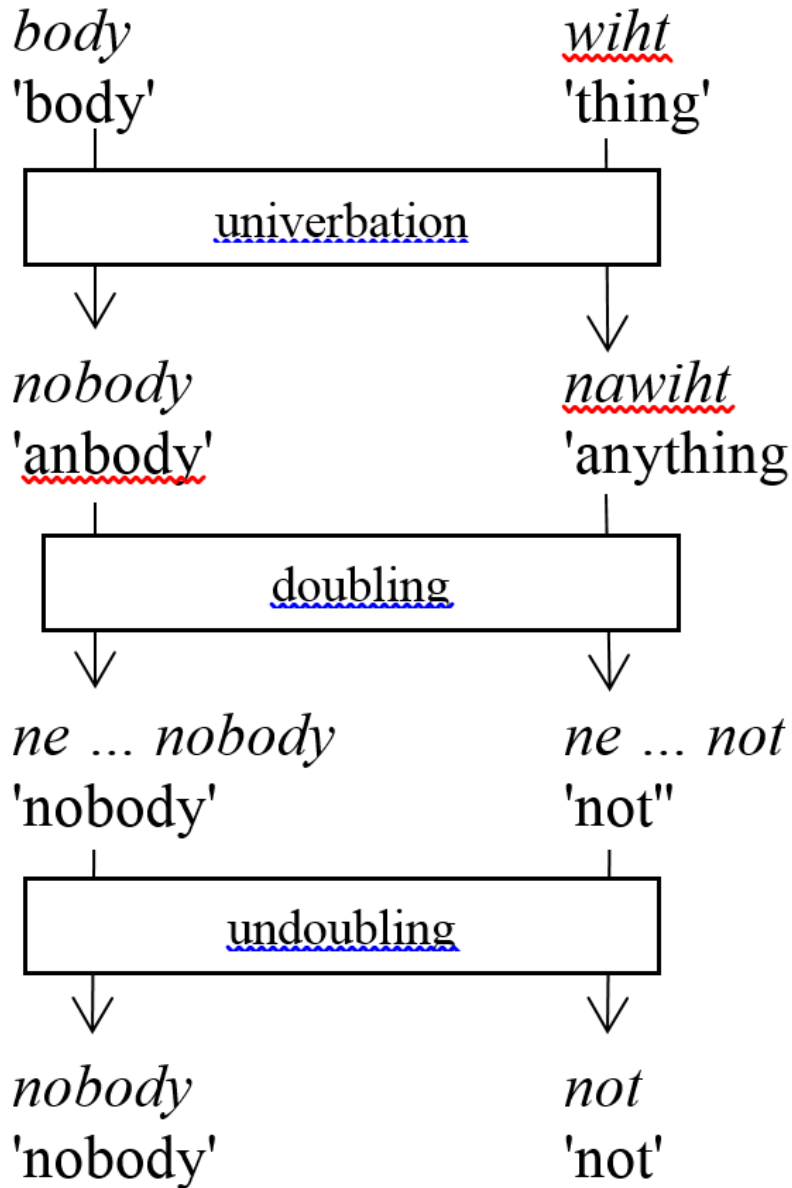
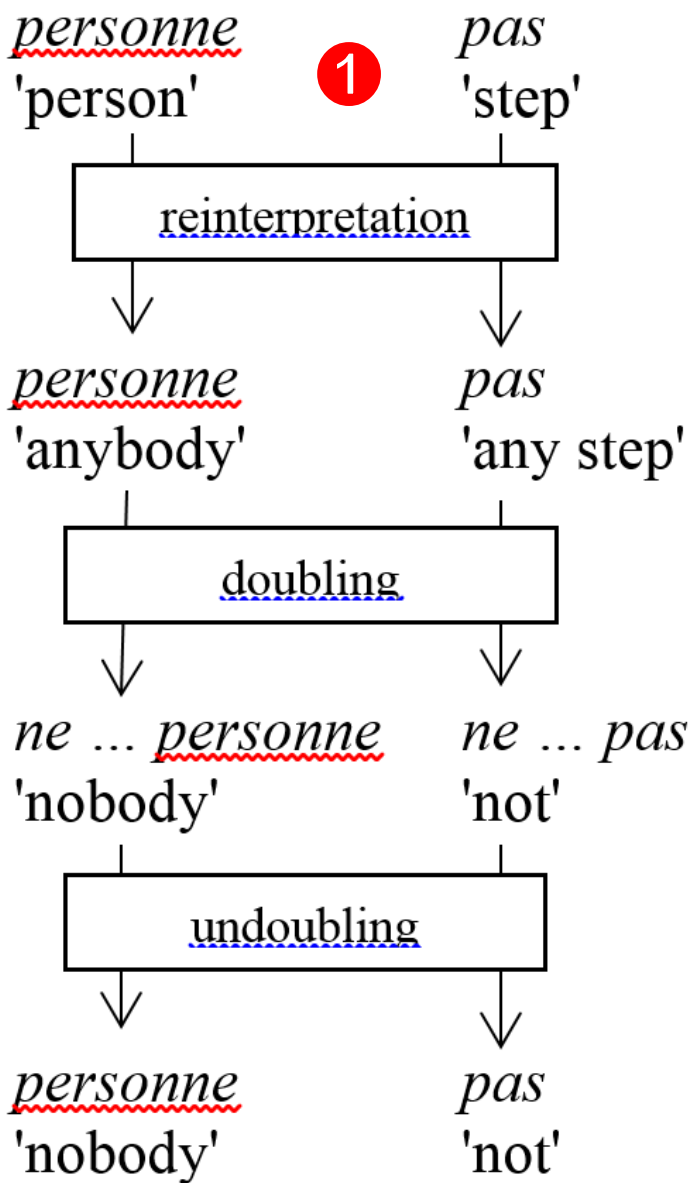
ne
ne ... pas
pas
pas ... X
X

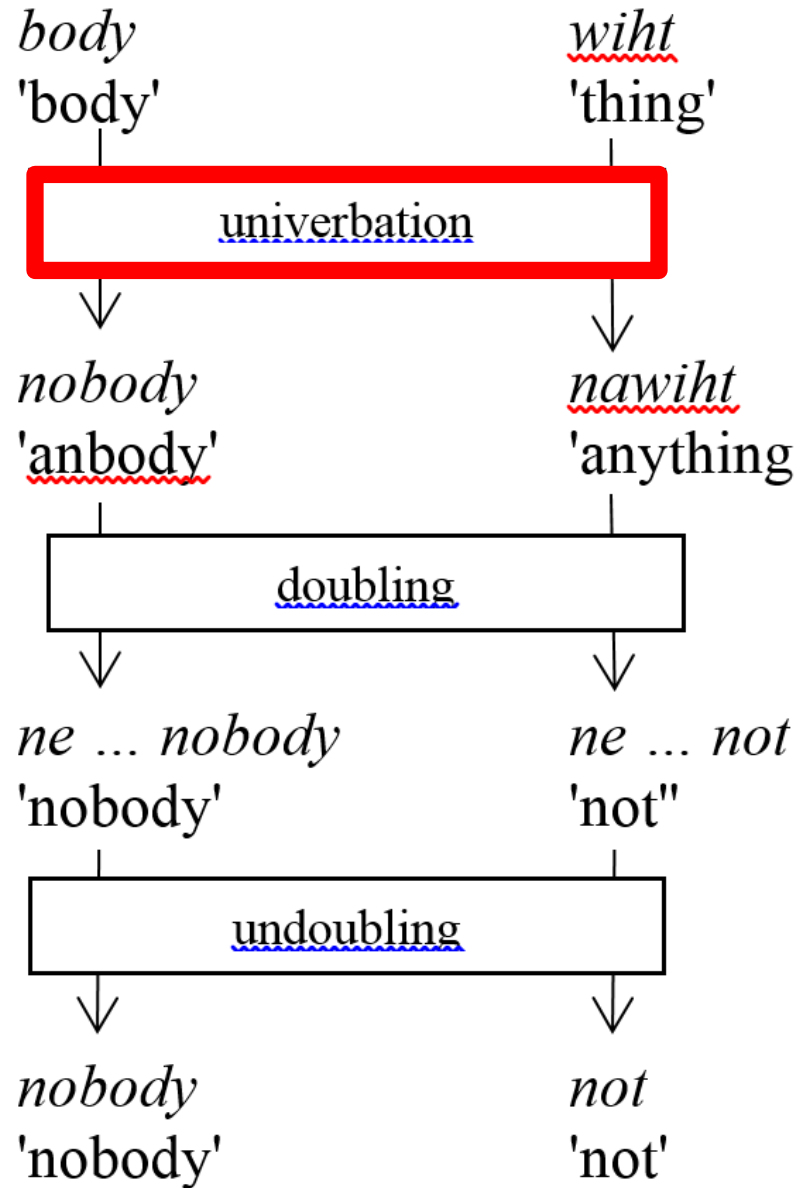
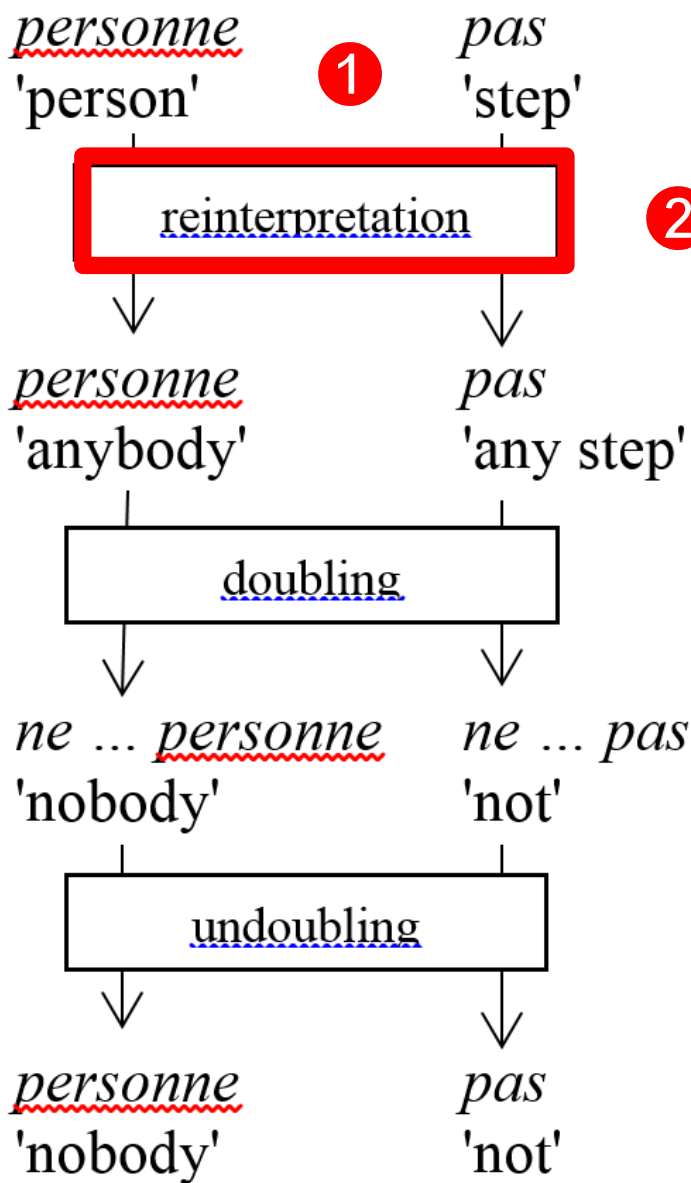
ne
ne / net
net
net / X
X

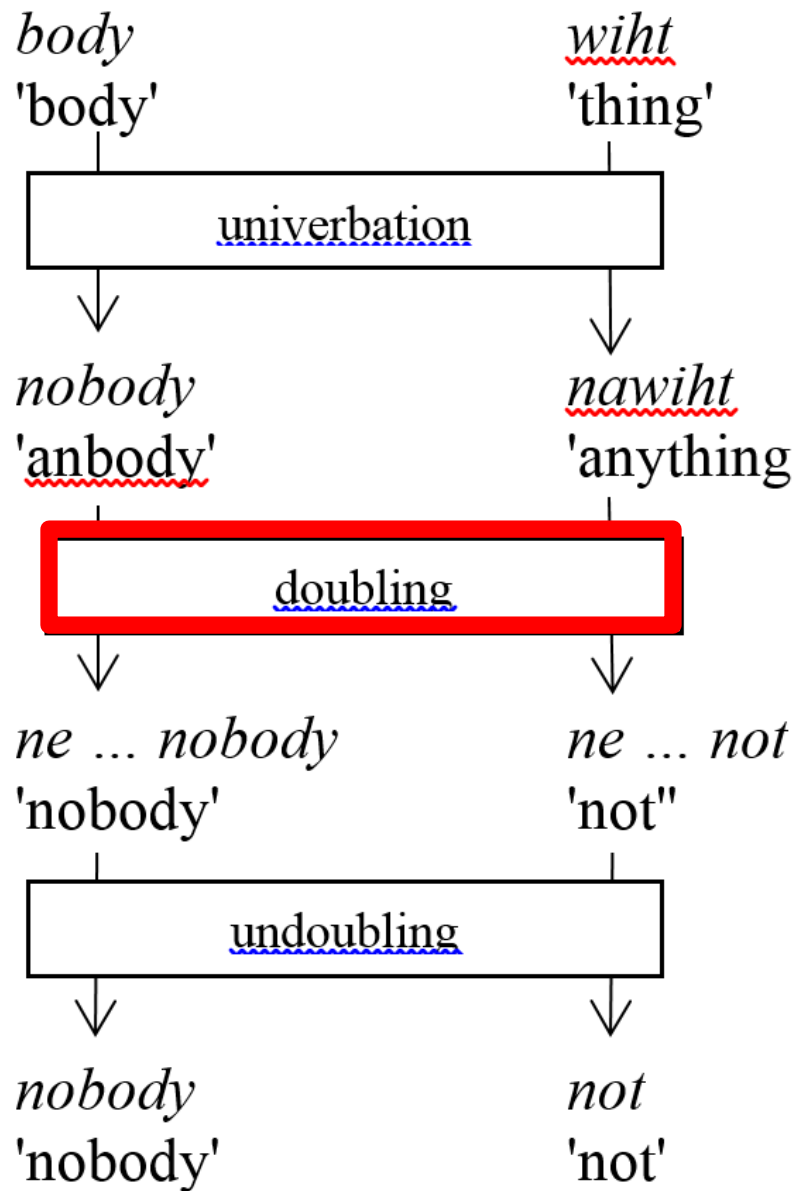
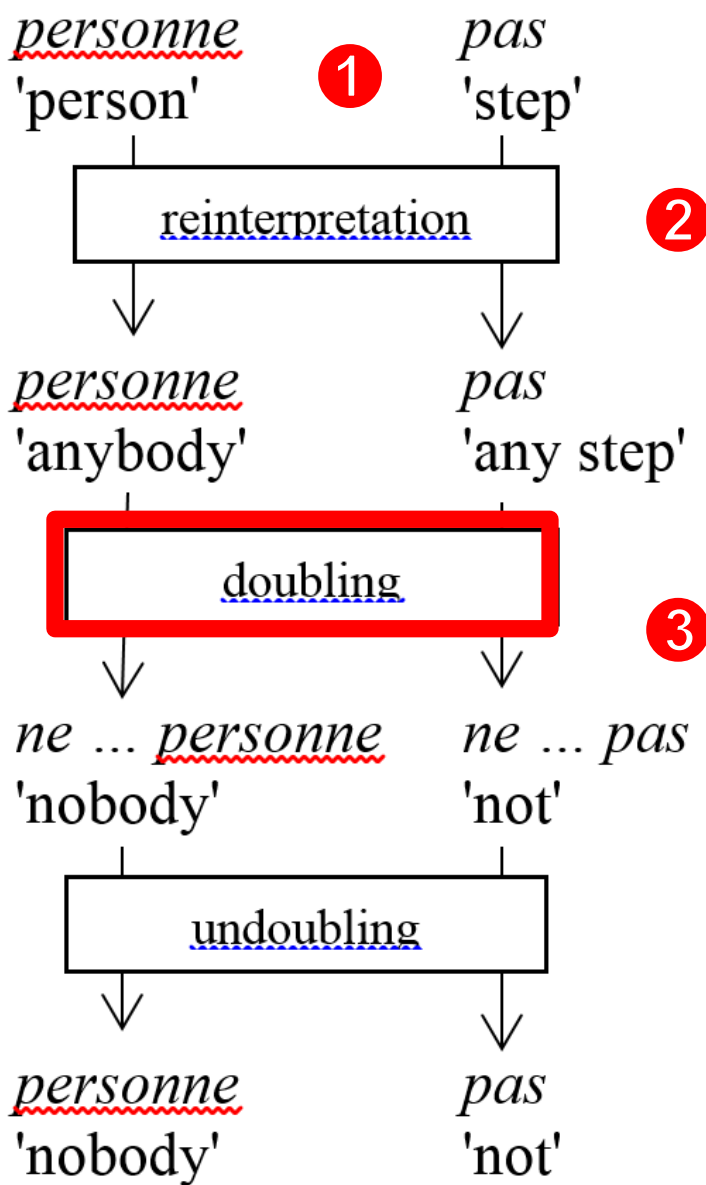
personne
person'
ne personne
'not nobody'
personne
'nobody'

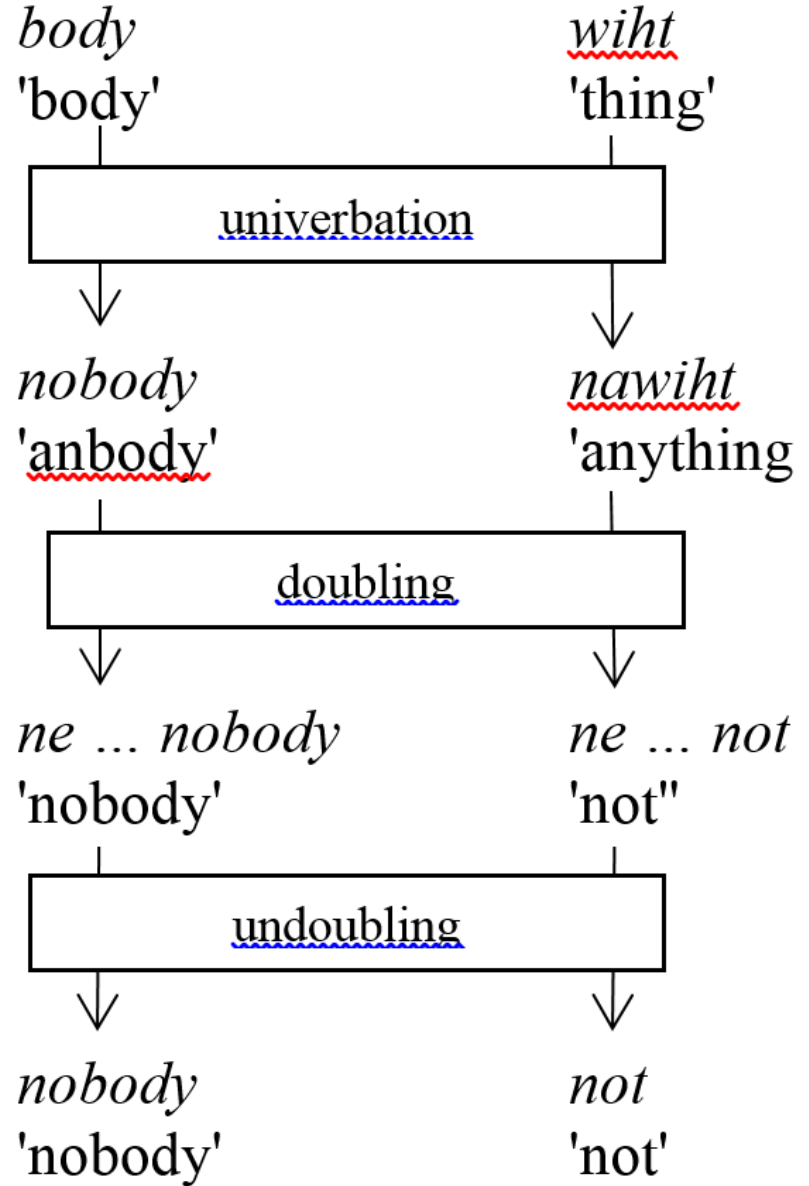
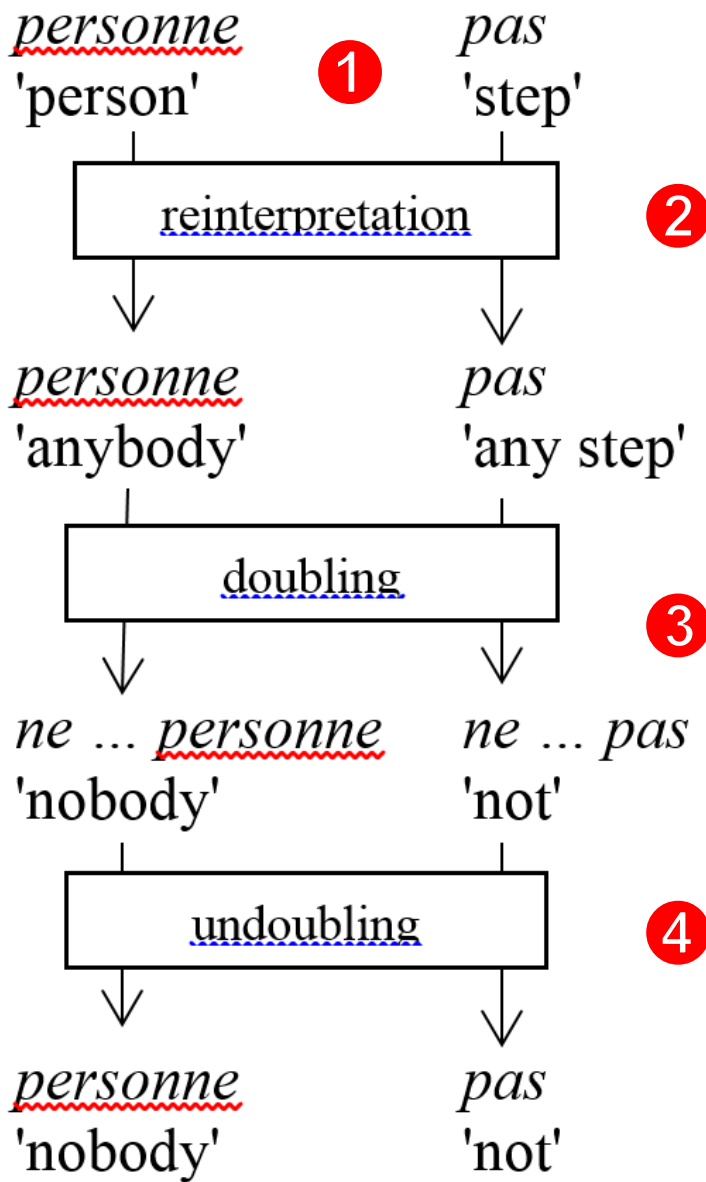


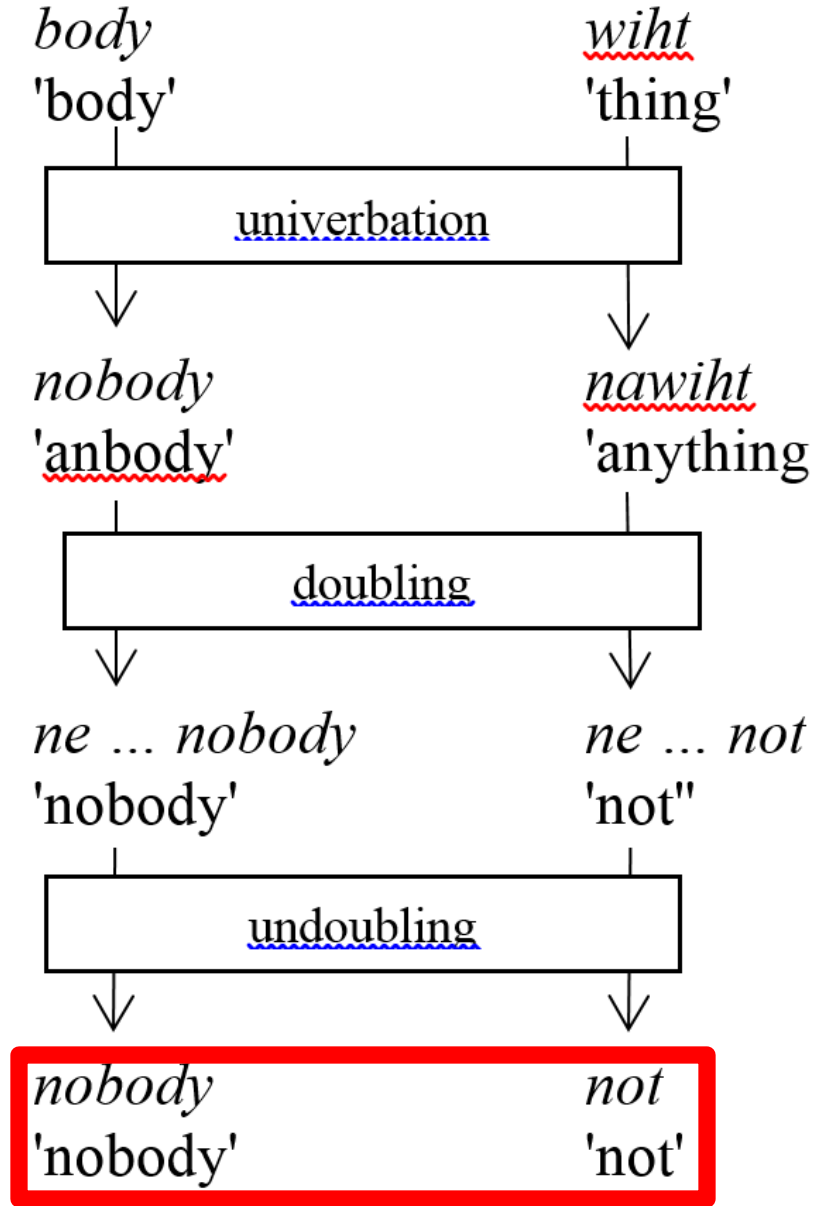
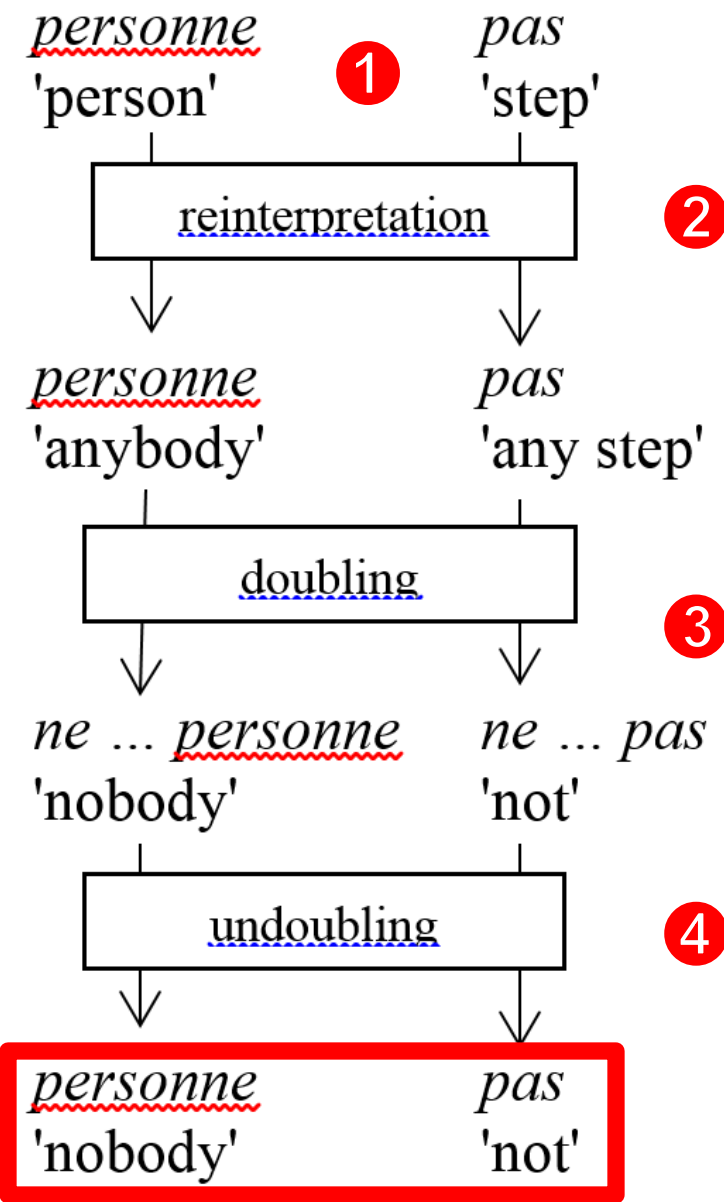












But also differences!

But also differences!

0. Quantifier Cycle NOT a Cycle

But also differences!

- 0. Quantifier Cycle NOT a Cycle**
- 1. Different motivation for redoubling
JC vs. solve the Homer/Carroll problem**

But also differences!

0. Quantifier Cycle NOT a Cycle

1. Different motivation for redoubling

JC vs. solve the Homer/Carroll problem

2. Depolarization

Fre. *Nul* NEG -> NPI

Brab Belg Dutch

niemand niet -> *iemand niet*

‘nobody not’ ‘somebody not’

But also differences!

0. Quantifier Cycle NOT a Cycle

1. Different motivation for redoubling

JC vs. solve the Homer/Carroll problem

2. Depolarization

Fre. *Nul* NEG -> NPI

Brab Belg Dutch

niemand niet -> *iemand niet*

‘nobody not’ ‘somebody not’

NC -> Double NEG

But also differences!

0. Quantifier Cycle NOT a Cycle

1. Different motivation for redoubling

JC vs. solve the Homer/Carroll problem

2. Depolarization

Fre. *Nul* NEG -> NPI

Brab Belg Dutch

niemand niet -> *iemand niet*

‘nobody not’ ‘somebody not’

NC -> Double NEG is rare

0 in 179 languages

CONCLUSIONS

1917 – 2017	JC
1991 – 2017	NEG EXI C
1993 – 2017	NC ‘change’

CONCLUSIONS

1917 – 2017	JC	What?
1991 – 2017	NEG EXIC	Why?
1993 – 2017	NC ‘change’	Where?

CONCLUSIONS

1917 – 2017	JC	What?
1991 – 2017	NEG EXIC	Why?
		Where?
1993 – 2017	NC ‘change’	

Diachrony ... usually underdocumented

Synchrony ... also usually underdocumented

Diachrony ... usually underdocumented

Synchrony ... also usually underdocumented

Diachrony ... usually underdocumented

Synchrony ... also usually underdocumented

South America

High proportion of verb-final NEG

Last stage of a classical JC?

NEG EXI C?

Yet another source?

A privative marker?

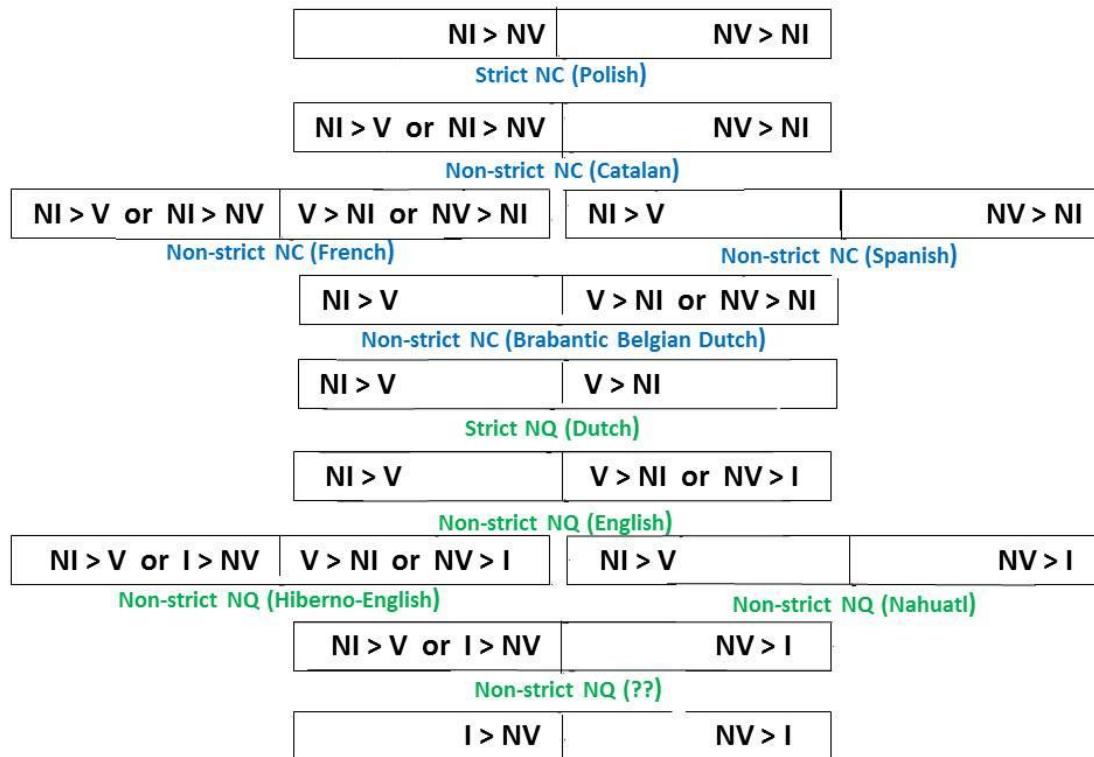
A 'do'/'happen' verb?

Diachrony ... usually underdocumented

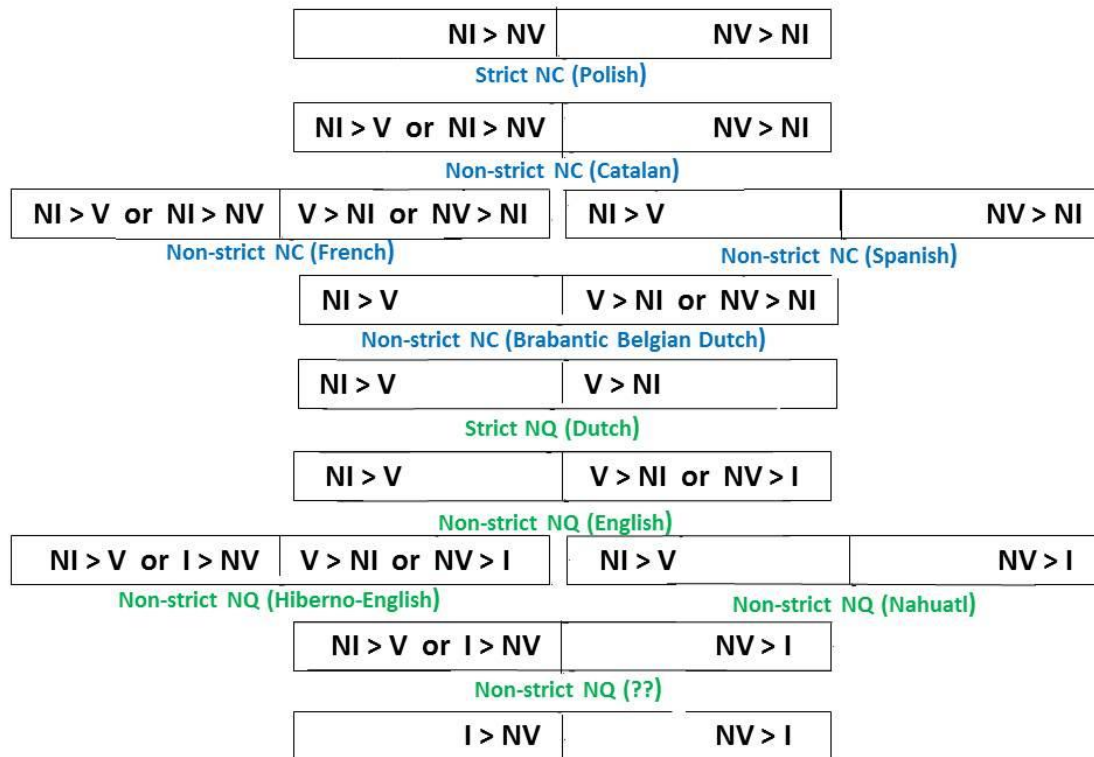
Synchrony ... also usually underdocumented

Diachrony ... usually underdocumented

Synchrony ... also usually underdocumented

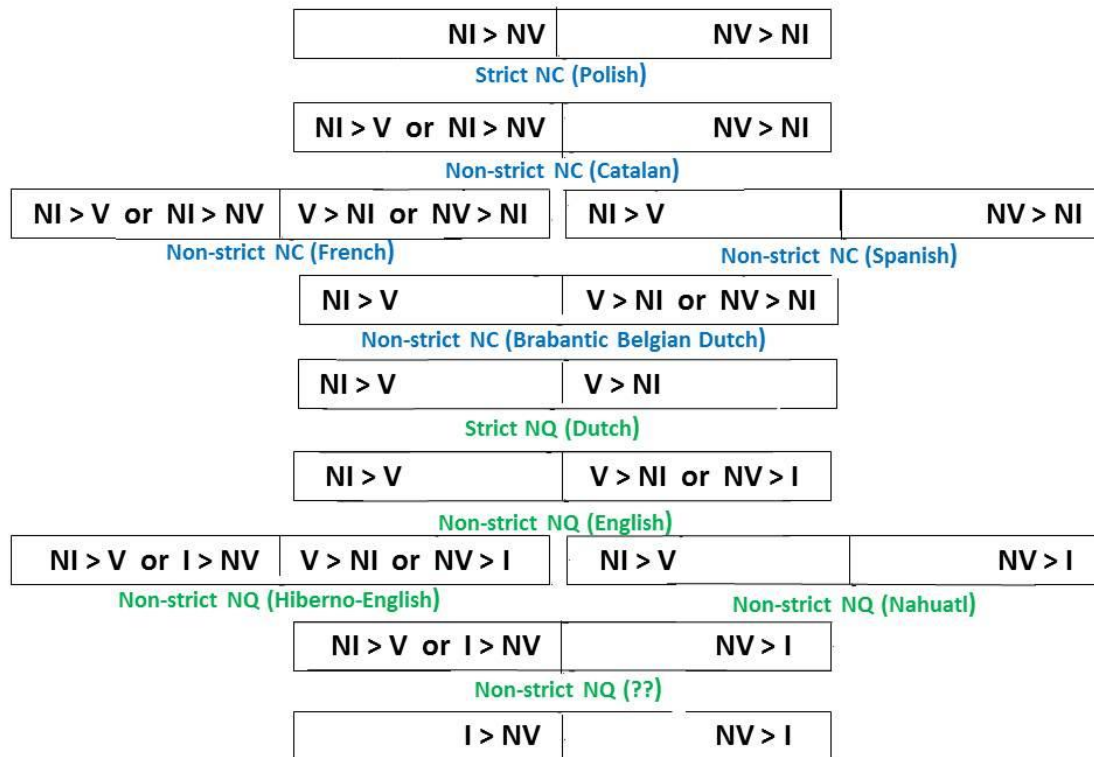


Diachrony ... usually underdocumented
Synchrony ... also usually underdocumented



I:
polarity neutral
or
NPI?

Diachrony ... usually underdocumented
Synchrony ... also usually underdocumented



I:

**polarity neutral
 or
 NPI?**

**If NPI
 what kind?**