IN SITU WH-INTERROGATIVES IN FRENCH A fresh perspective on an old debate.

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> wh-interrogatives in French;

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- ➤ wh-interrogatives in French;
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- > very controversial topic;
- > felicity goes beyond syntax alone (interpretation, prosody, etc.);
- ➤ is wh-in situ strogly presuppositional, presuppositional or not necessarily so?
 - → we might have asked the wrong question all along!

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This tripartition is powerful in predicting when these structures are licensed, and how they evolve.

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 - 3. theatre (Tailleur 2013; Larrivée 2019; Zimmermann Kaiser 2019 a.o).



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 - 1. conservatives: YES (Obenauer 1994; Coveney 1989; Chang 1997; Cheng Rooryck 2000);
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 - 3. no one's right but in a way, everyone is.



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→ 'discourse new'

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- > replicate Larrivé's study in a more thorough (and syntax-informed) way:
 - extended to the totality of the corpora (ESLO 1, ESLO2);

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- > replicate Larrivé's study in a more thorough (and syntax-informed) way:
 - extended to the totality of the corpora (ESLO 1, ESLO2);
 - extended to more wh-words: comment 'how', quand 'when', où 'where' qui-object 'who' and quoi-object 'what';

goals.tex 19 📭 81

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goals.tex 19 📭 81

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- > evaluate the results against the controversy discussed earlier.

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OUR RESULTS

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goals.tex 20 ■ 81

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goals.tex 20 📭 81

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- > explicit activation is rare;
- our results differ from Larrivée's, except for the trends seen for non-activation.

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The corpora used for this part of the study are:

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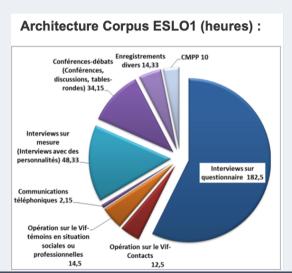
> ESLO 1 (spoken French, 1969-1974, 318.46h);

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- > ESLO 1 (spoken French, 1969-1974, 318.46h);
- > ESLO 2 (spoken French, 2008-2014, 446h).

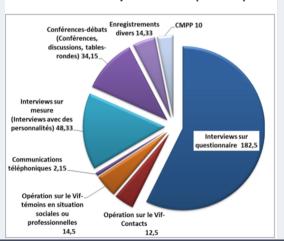
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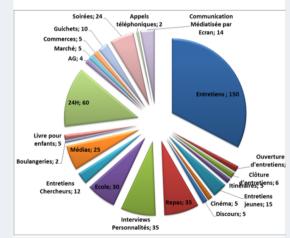


The corpora are composed of several different recording types:

Architecture Corpus ESLO1 (heures):



Architecture Corpus ESLO2 (heures):



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Data extraction

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BASIC CLASSIFICATION

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- 4. well-formedness (formed, fragment).
- 5. tripartition.

DATA THAT WE CONSIDERED

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- > well-formed clauses (no fragments, no questions containing only a wh-element ('Qui?', 'Quoi?'));
- > utterances by French native speakers.

WHICH WH-ELEMENTS?

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 - 4. quoiO;
 - 5. quiO.

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 - 2. où;
 - 3. comment;
 - 4. quoiO;
 - 5. quiO.

OUR RAW DATA

ESLO 1	ESLO 2	total
2376	1261	3637

Table: Raw data (ex situ and in situ combined).

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OUR RAW DATA

	comment		où		quand		quiO		quoiO	
	EX	IN	EX	IN	EX	IN	EX	IN	EX	IN
1970s (eslo 1)	848	37	233	72	156	38	42	13	333	198
2010s (eslo 2)	333	156	84	260	32	30	8	21	24	476

Table: Total occurrences of non lexically-restricted wh-elements.

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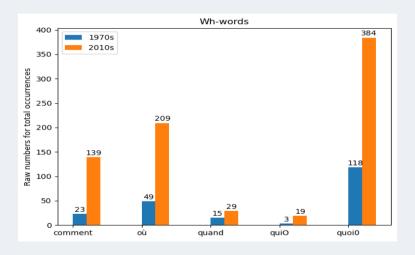
résultats.tex 31 ■ 81

OUR RAW DATA

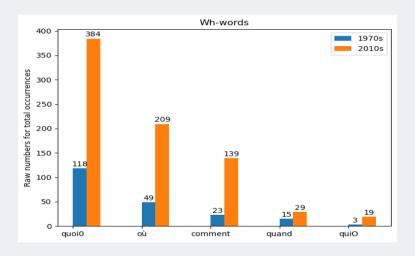
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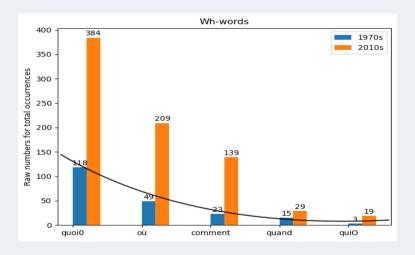
résultats.tex 32 ■ 81



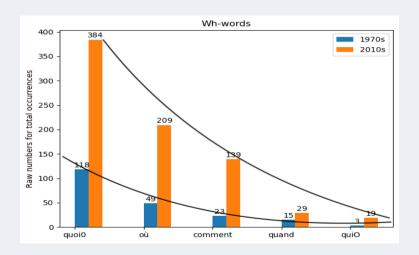
résultats.tex 33 **№** 81



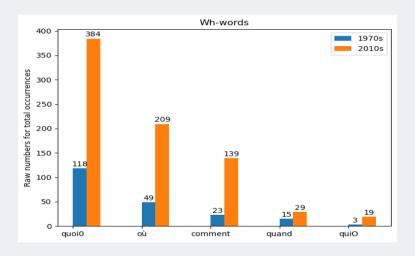
résultats.tex 34 **1** 81



résultats.tex 35 **№** 81



résultats.tex 36 ■ 81



résultats.tex 37 **■** 81

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résultats.tex 39 📭 81

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résultats.tex 40 📭 81

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résultats.tex 41 🔰 81

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- ➤ inferable (Garassino 2021) = 'discourse old'

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INFERABLE WH-IN SITU

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The propositional content of the question is not "explicitly mentioned in the conversation, but is easily accessible thanks to our world knowledge" (Garassino 2021: 10).

résultats.tex 43 📭 81

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résultats.tex 43 📭 81

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résultats.tex 43 💵 81

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résultats.tex 43 📭 81

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JOS: Pour mettre où?

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RESEARCH QUESTIONS

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RESEARCH QUESTIONS

➤ Q1:

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RESEARCH QUESTIONS

> Q1: To what extent does the overall proportion between in-situ and ex-situ vary over time?

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RESEARCH QUESTIONS

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- ➤ Q2:

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- ➤ Q3:

résultats.tex 44 💵 81

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- Q2: To what extent does the proportion of explicitly activated / inferable / non-activated vary over time?
- > Q3: To what extent does the proportion of Discourse Old (explicitly activated + inferable) vs Discourse New (non activated) vary over time?

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French wh-interrogatives from 1870 to 2014

To what extent does the overall proportion between in-situ and ex-situ vary over time?

résultats.tex 45 ■ 81

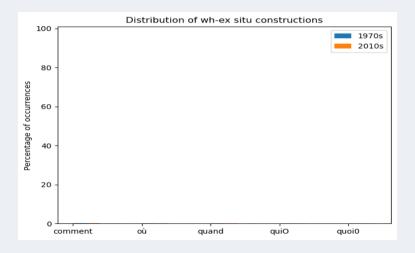
THE DECLINE OF WH-EX SITU

résultats.tex 46 ■ 81

THE DECLINE OF WH-EX SITU (all types combined)

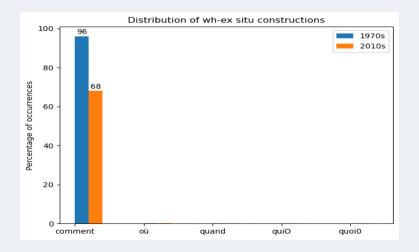
résultats.tex 46 📭 81

THE DECLINE OF WH-EX SITU (all types combined)

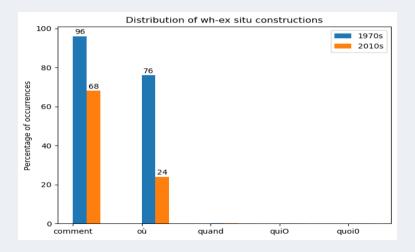


résultats.tex 46 💵 81

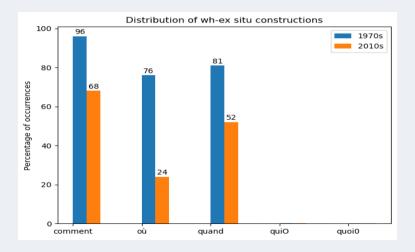
THE DECLINE OF WH-EX SITU (all types combined)



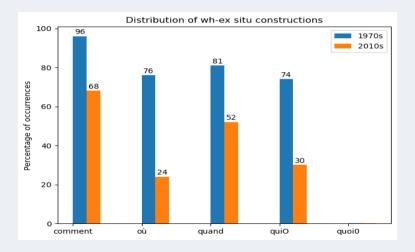
THE DECLINE OF WH-EX SITU (all types combined)



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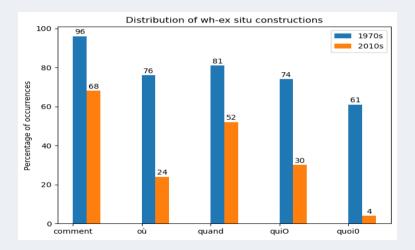


THE DECLINE OF WH-EX SITU (all types combined)



résultats.tex 50 **■** 81

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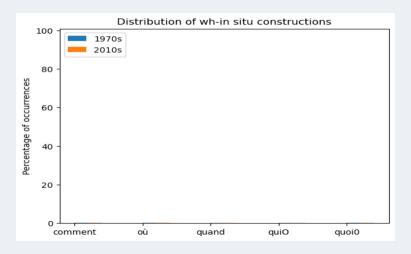


résultats.tex 51 💵 81

THE RISE OF WH-IN SITU

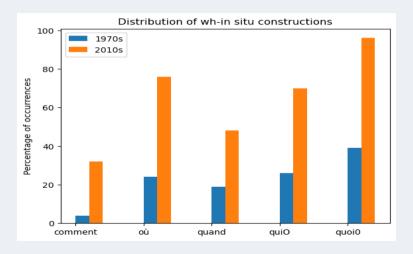
résultats.tex 52 🔰 81

THE RISE OF WH-IN SITU



résultats.tex 52 ■ 81

THE RISE OF WH-IN SITU

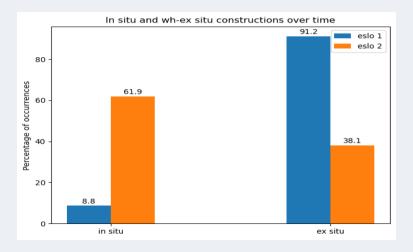


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GENERAL OVERVIEW

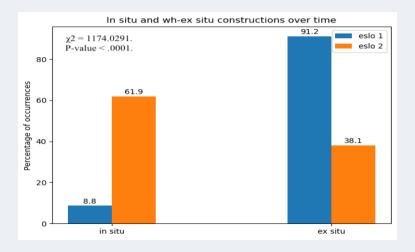
résultats.tex 54 📭 81

GENERAL OVERVIEW



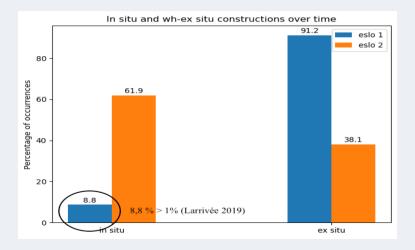
résultats.tex 54 📭 81

GENERAL OVERVIEW



résultats.tex 55 ■ 81

GENERAL OVERVIEW



résultats.tex 56 **■** 81

French wh-interrogatives from 1870 to 2014

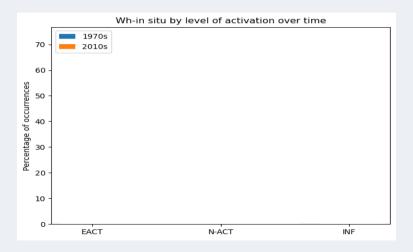
To what extent does the proportion of explicitly activated / inferable / non-activated vary over time?

résultats.tex 57 💵 81

LEVELS OF ACTIVATION OVER TIME

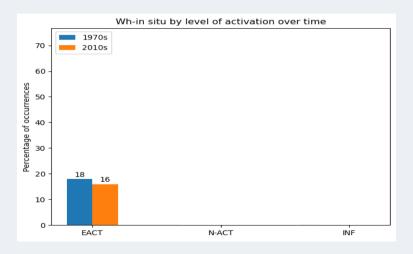
résultats.tex 58 ■ 81

LEVELS OF ACTIVATION OVER TIME



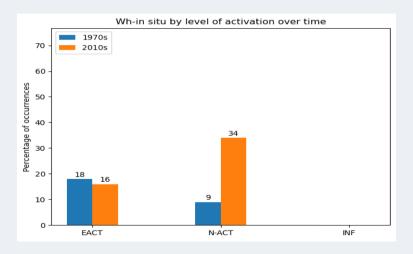
résultats.tex 58 ■ 81

LEVELS OF ACTIVATION OVER TIME



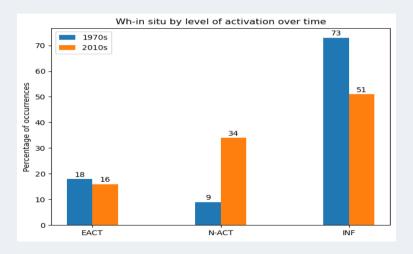
résultats.tex 59 📭 81

LEVELS OF ACTIVATION OVER TIME



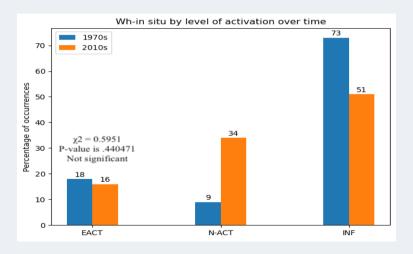
résultats.tex 60 ■ 81

LEVELS OF ACTIVATION OVER TIME



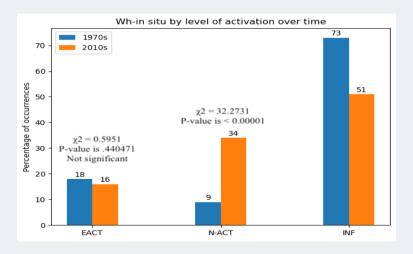
résultats.tex 61 📕 81

LEVELS OF ACTIVATION OVER TIME



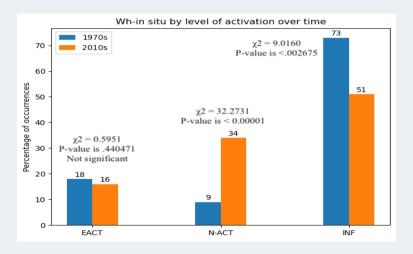
résultats.tex 62 ■ 81

LEVELS OF ACTIVATION OVER TIME



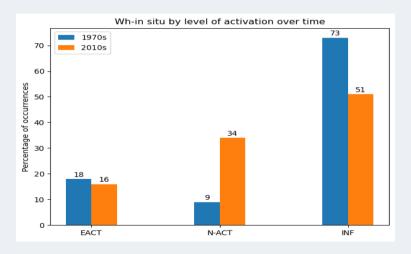
63 81

LEVELS OF ACTIVATION OVER TIME



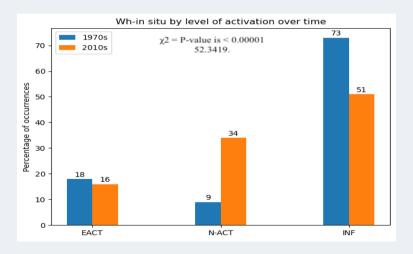
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LEVELS OF ACTIVATION OVER TIME



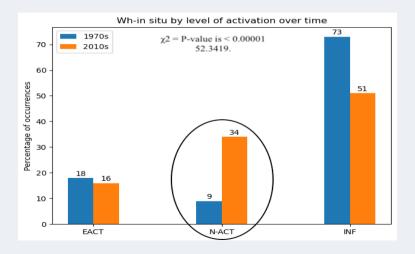
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LEVELS OF ACTIVATION OVER TIME



66 💵 81

LEVELS OF ACTIVATION OVER TIME

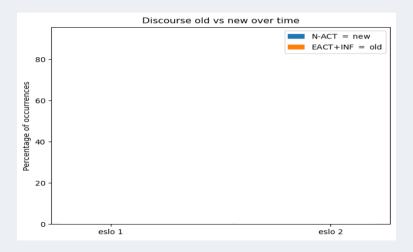


French wh-interrogatives from 1870 to 2014

To what extent does the proportion of Discourse Old vs Discourse New vary over time?

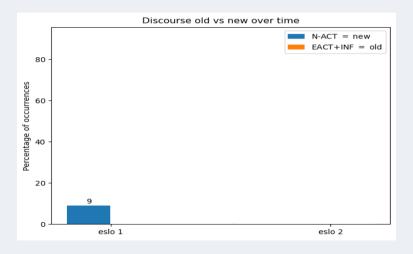
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DISCOURSE-OLD VS DISCOURSE NEW OVER TIME



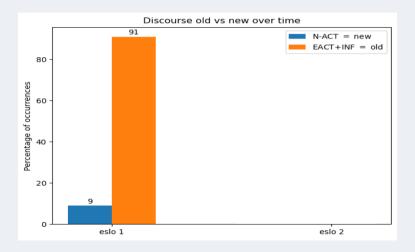
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DISCOURSE-OLD VS DISCOURSE NEW OVER TIME



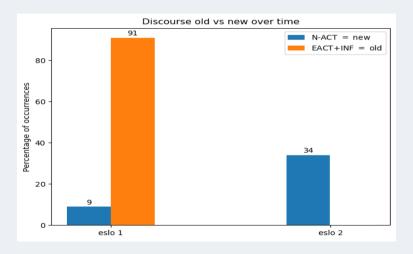
70 🔰 81

DISCOURSE-OLD VS DISCOURSE NEW OVER TIME



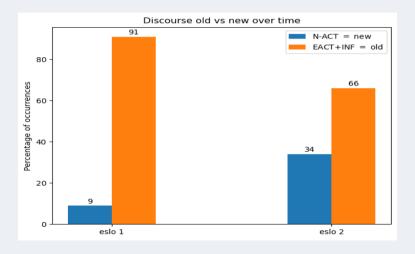
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DISCOURSE-OLD VS DISCOURSE NEW OVER TIME



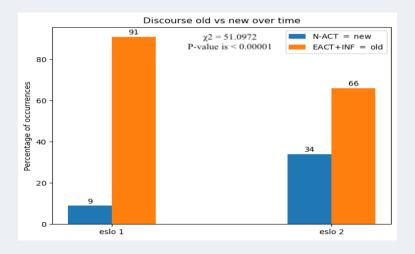
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DISCOURSE-OLD VS DISCOURSE NEW OVER TIME



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DISCOURSE-OLD VS DISCOURSE NEW OVER TIME

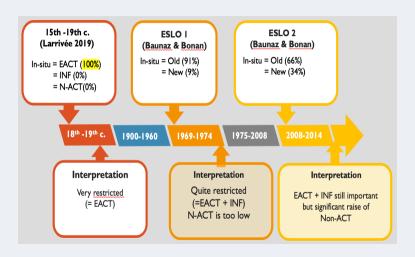


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SUMMARY

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SUMMARY



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THE CONTROVERSY

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THE CONTROVERSY

➤ conservatives (mid 1990s - 2000s);

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THE CONTROVERSY

- > conservatives (mid 1990s 2000s);
- ➤ liberals (mid 2000s today)

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THE CONTROVERSY

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 - → compatible with ESLO 1 data

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THE CONTROVERSY

- conservatives (mid 1990s 2000s);
 - → compatible with ESLO 1 data (little N-ACT, mostly discourse-old wh-in situ)
- ➤ liberals (mid 2000s today)

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THE CONTROVERSY

- ➤ conservatives (mid 1990s 2000s);
 - → compatible with ESLO 1 data (little N-ACT, mostly discourse-old wh-in situ)
- ➤ liberals (mid 2000s today)
 - → compatible with ESLO 2 data

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THE CONTROVERSY

- ➤ conservatives (mid 1990s 2000s);
 - → compatible with ESLO 1 data (little N-ACT, mostly discourse-old wh-in situ)
- ➤ liberals (mid 2000s today)
 - → compatible with ESLO 2 data (numerous N-ACT, i.e. discourse new)

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OUR TAKE-HOME MESSAGE

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- ➤ language is not monolithic, it evolves over time (and very quickly!);
- > to speak of in-situ as an anchored phenomenon is a mistake, which has created controversy in the literature.

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Thank you for your attention!



References

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