# Corpus tools

How to make your writing more accurate

#### Aims

- ▶ To introduce two corpus tools:
  - www.lextutor.ca
  - IntelliText Leeds (http://smlc09.leeds.ac.uk/itb/ htdocs/Query.html)
- To suggest ways in which these tools can help improve your writing
- To get first-hand experience in using these tools

## What is a "corpus tool"?

- Corpus: a collection of texts
- Concordance: collation of all occurrences of a word in a text or text collection
- "Corpus tool" here: a website/interface/ programme to create concordances or to extract other information from a corpus (e.g. collocations)

## Why use corpus tools?

- give you words in context
- examples of grammatical structure
- generally, more information than a dictionary
- Example: Is "assert" followed by a that-clause or a noun / noun phrase?

### Tool 1: Lextutor



#### How it works...

- You type your query in the box at the top...
- ...and click the red box to the far right.
- You then get concordance lines:

#### Concordance lines



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## Answer to example:

- "assert" can be used both with a that-clause (slide 11) and with a noun or noun phrase (slide 12).
- To get an answer to the question "followed by...?", remember to sort your concordance lines by the word following the key word, i.e. "right" (slide 11).

If you get "Zero hits", try another corpus or another spelling. Or maybe the word doesn't exist -> go to

http://dictionary.cambridge.org/

and type the word there, and hopefully they will suggest an alternative spelling...

## Suggested uses: Lextutor

- Generally, to check your intuition (i.e. if you think you know already)
- To check whether a word is really used in a context that you think it is used in
- To check what is used with a given verb:
  - which preposition
  - Gerund (-ing) or that-clause
  - 0
- Main advantage: Quick and easy access

#### Tool 2: IntelliText

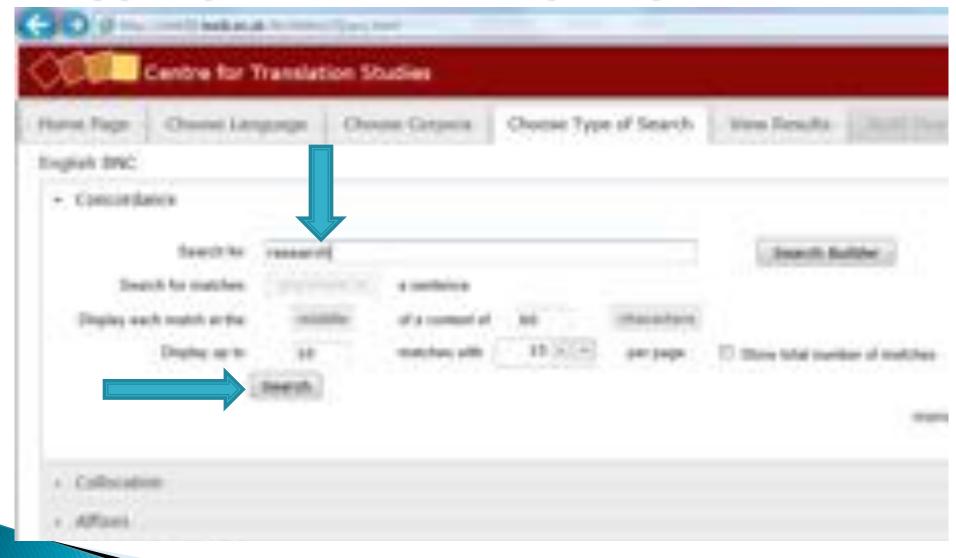




# Different corpora - which one to use?



## Type your search query



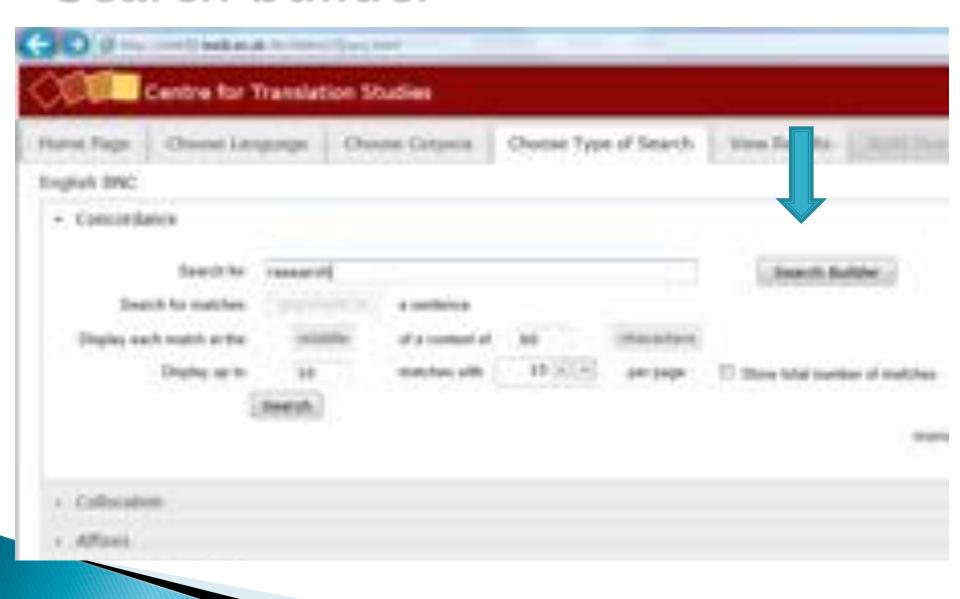
#### Here are your concordance lines.



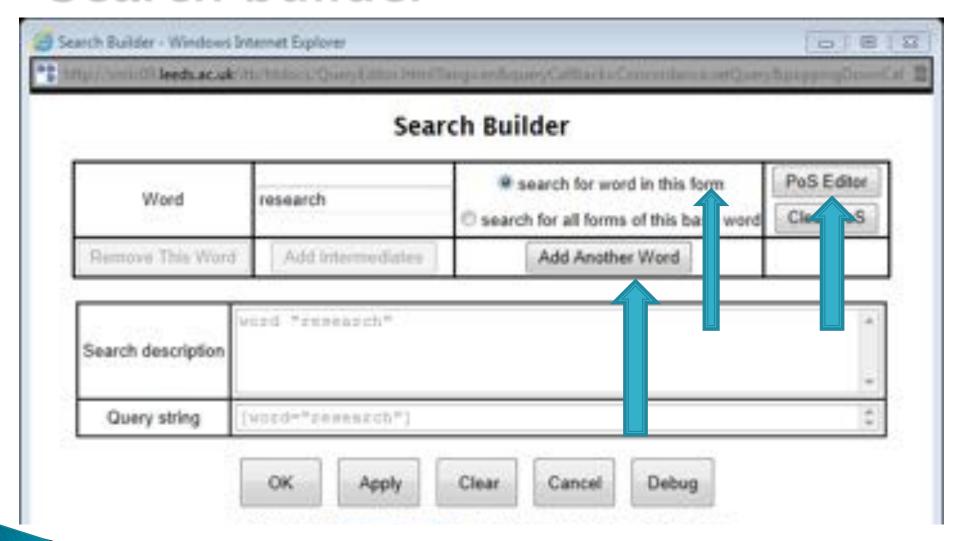
#### Search builder

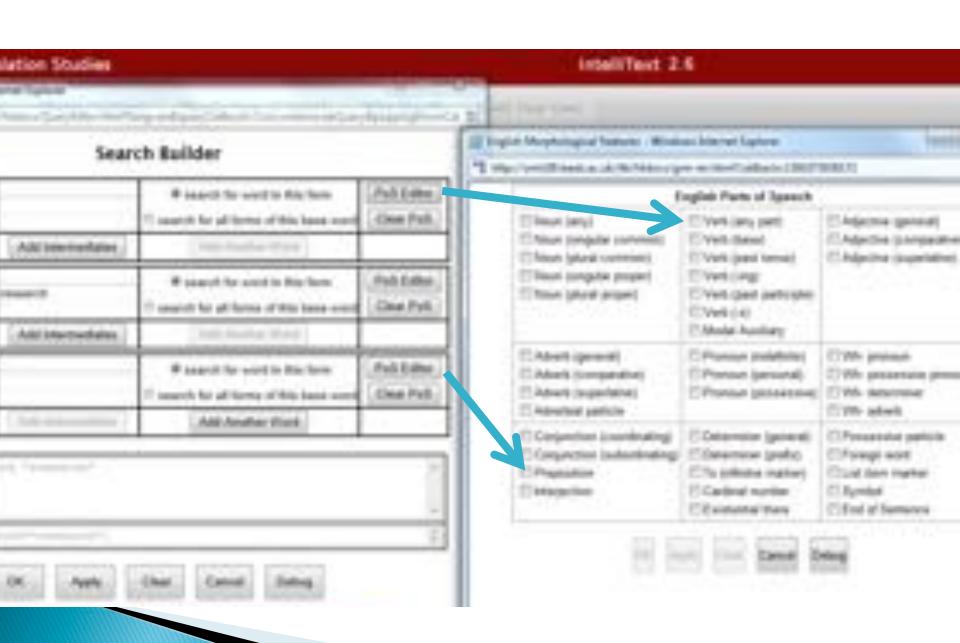
- Choose:
  - Part of speech (verb? noun? preposition?)
  - For verbs: which verb form?
  - Intermediates (how many words in between the two words you are searching for?)
  - Base form of the word or this exact form?
- This results in a very precise search, and it can give you exactly the word you needed.

## Search builder



#### Search builder

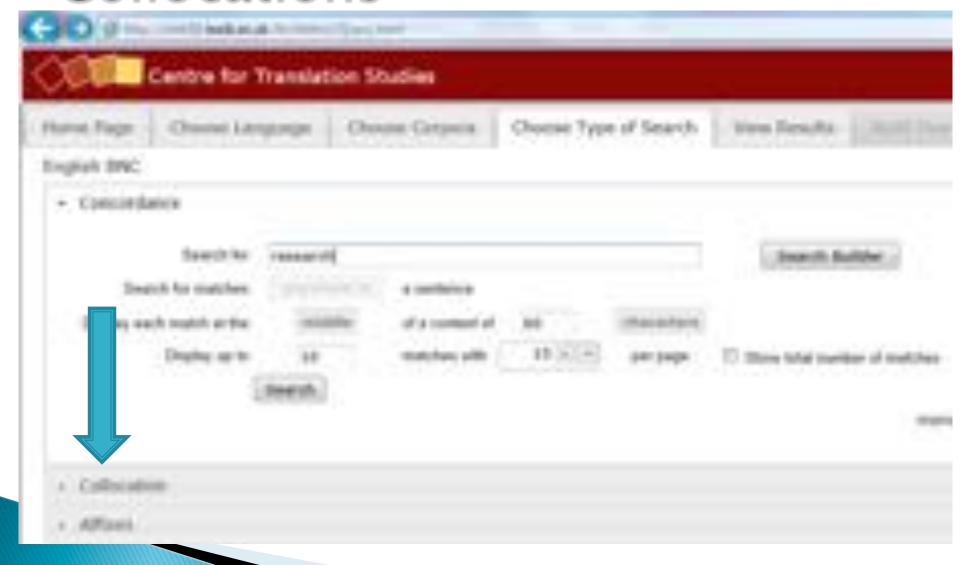




#### More interesting concordance lines



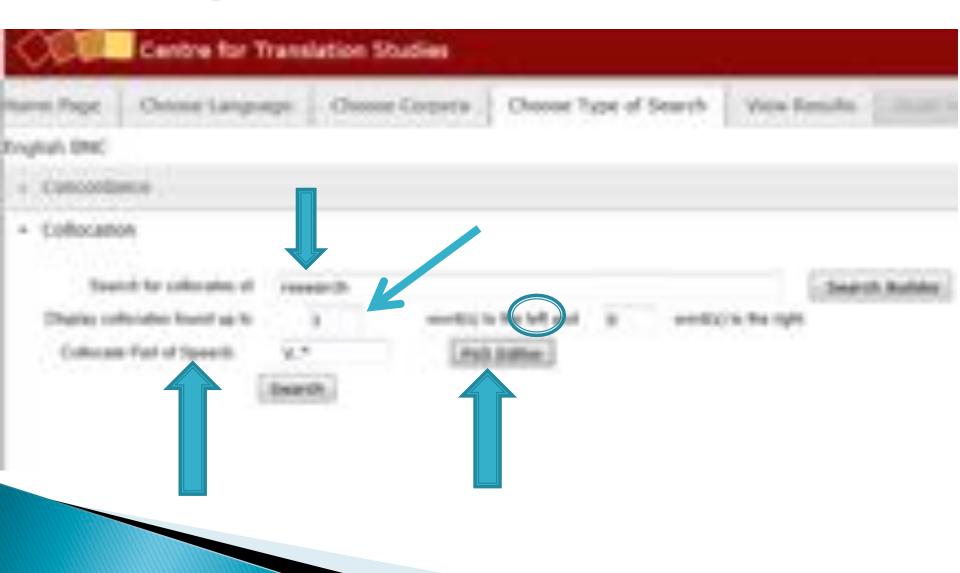
#### Collocations



### Collocations

- To find which words go together, e.g. what do you actually "do" with "research"? Which is the word most frequently used together with research (and therefore probably, but not necessarily, the one you need)?
- Which word do you need a collocation for?
- Does it come before or after the word you have?
- Which kind of word do you need for your word? -> "Collocate Part of Speech"

## Build your search



## Here are your collocations



## Suggested uses: IntelliText

- Generally, to get answers if you don't know
- To find out about collocations (words that go together)
- And of course, this is just the start. I'm sure you will find this useful; if after a while you want to learn more about the possibilities, please ask me!

#### Need more context?

- In both interfaces, you can view the word in the wider context, to help you decide whether it is used like you think it is used (sometimes half a sentence is not enough to see this).
- Lextutor: click on the keyword in the line you want to see in context
- IntelliText: click on the text number to the left of the concordance line

## Summary

#### Lextutor:

- Quick and easy
- For single-word queries
- To confirm immediate collocations

#### IntelliText:

- Takes a bit of clicking to access the corpus
- For more sophisticated queries
- Two-word queries; non-immediate collocations; to check prepositions
- Access to the full BNC (British National Corpus) -> much broader basis for your search