

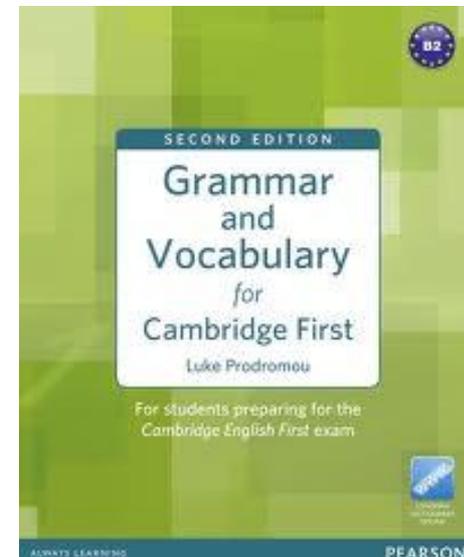
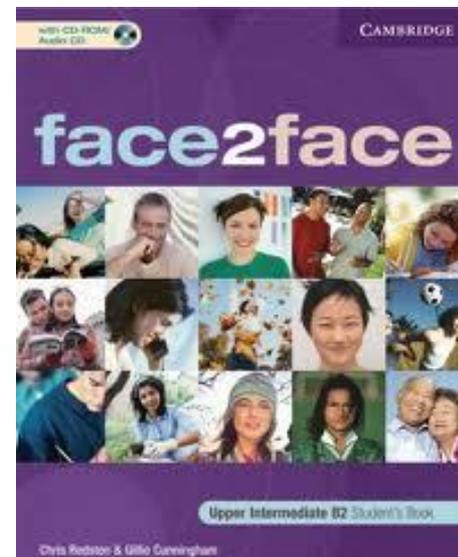
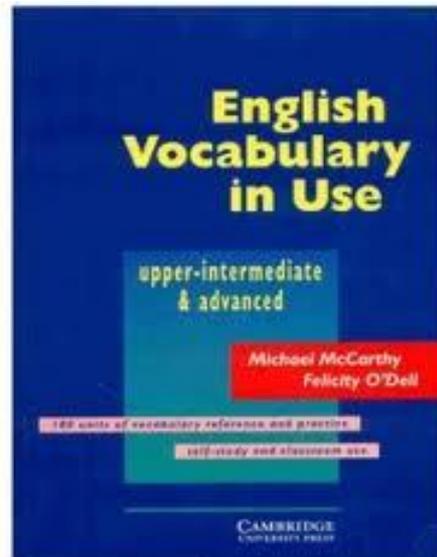
A photograph of a classroom or library setting. Several students are seated at a long table, focused on their work. In the foreground, a student with curly hair is looking at a book. To her right, another student is writing in a notebook. Further down the table, other students are also working. On the table, there are various items including a yellow pencil case with the word 'BAHANAB' on it, several notebooks, and a large blue book titled 'ENGLISH WITH OXFORD'. The background shows bookshelves and a poster on the wall.

How can Corpus Linguistics help in Foreign Language Teaching/Learning

Mick O'Donnell
Universidad Autónoma
de Madrid

Background

- When teaching a Foreign Language, we often depend on course textbooks developed by others.
- These are generally developed for a **generic learner**, and may not specifically fit our own learners.



Background

- In relation to a particular mother-tongue group, a Foreign Language course designed for the generic learner will spend too much time on some areas, and not enough time on needed areas.
- As language teachers, we need to save time by focusing mainly on those aspects of the FL that are problematic for our language learners

E.g., for Spanish:

Decir -> Say or Tell?

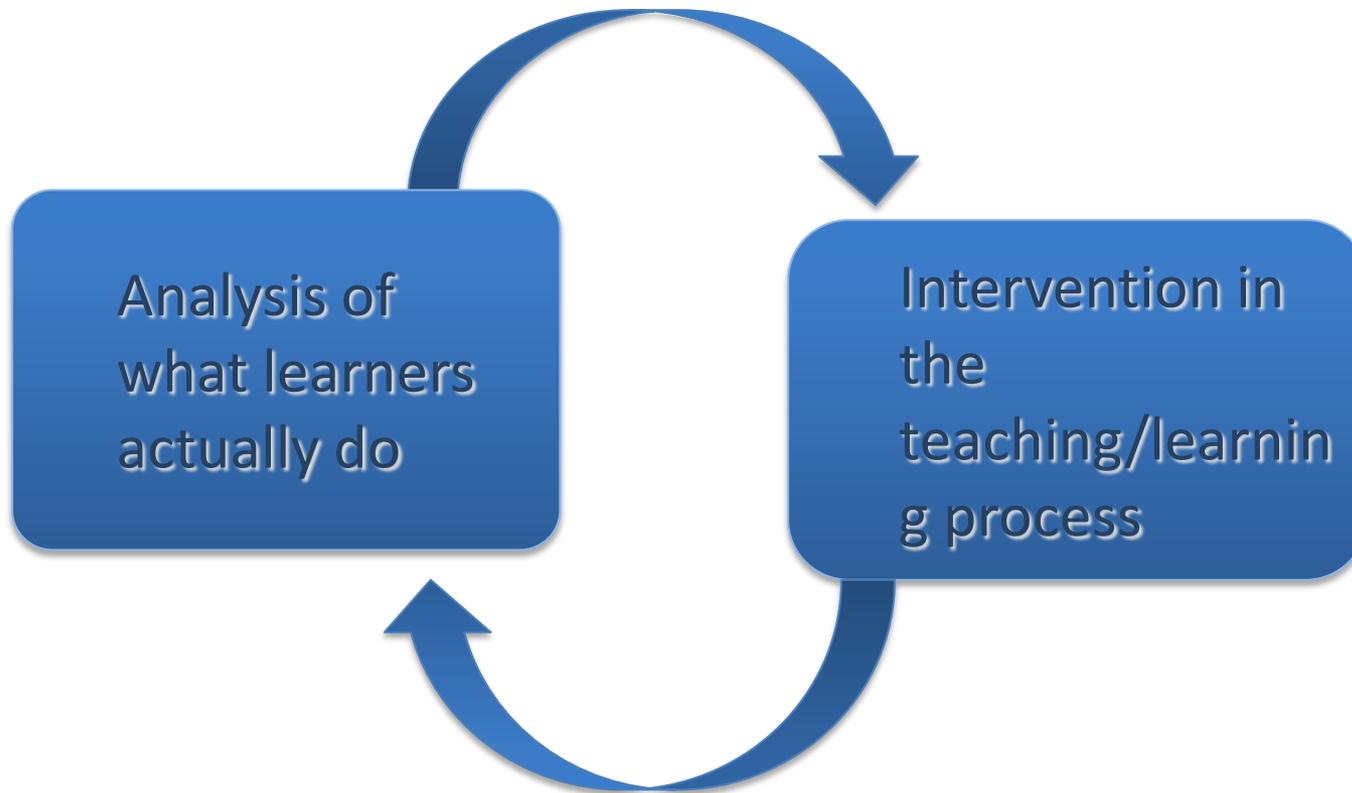
Actualmente ~~→~~ *Actually*

La sociedad actual ~~→~~ *The Society today*

Background

- We need to discover the real needs of our own students, or students in similar learning contexts.
- One way of doing this:
Analysing Learner Corpora
- Looking at the language students produce, to see what real problems they are having.

Analysis is not enough!!!



Aims of Talk

- I will show how Corpus Linguistics can be used to improve Foreign Language Teaching (FLT)
- I will start with **Learner Corpora**
- I will then discuss various ways in which **Native corpora** can be used in FLT.

The TREACLE Project

- Project: TREACLE



Teaching
Resource
Extraction from an
Annnotated
Corpus of
Learner
English

Official Title: “Developing an annotated corpus of learner English for pedagogical application”

- A cooperation between:
Universidad Autónoma de Madrid and
Universitat Politècnica de Valencia
- Funded by the Spanish Ministerio de Ciencia e Innovación (FFI2009-14436/FILO)
- Runs: January 2010 – December 2012

1. What is a corpus?

- A “corpus” is a collection of computerised ‘texts’, with associated metadata
 - Metadata: information about the text, who wrote it, when, under what circumstances, what it is about, etc.
- ‘Texts’ which might be written or spoken
- Spoken texts transcribed and annotated.



1. What is a corpus?

- A corpus is usually **annotated** with linguistic information.
- The actual linguistic information annotated depends on what you are studying
- Typical:
 - Part of Speech (POS)
 - Syntax/Grammar
 - Discourse (e.g., speech acts, generic structure, etc.)

1. What is a corpus?

- **Native Corpus:** a corpus of texts produced by **native speakers**.
 - Good for studying norms in native speakers that learners might approximate
- **Learner Corpus:** a corpus of texts produced by **learners** of a language:
 - Good for studying what learners actually do.

2. Using Learner Corpora

2. Using a Learner Corpus

How to get a learner corpus?

- **Use one already collected, e.g.,**
 - **The ICLE Corpus:** (Granger 2003): *International Corpus of Learner English*: contains texts written by learners of English from 16 language backgrounds. (best known of the learner corpora)
 - **Longmans Learners' Corpora:** a 10 million word corpus of texts written by English Learners from around the world.
 - **Cambridge Learner Corpus (CLC):** a large collection of exam scripts written by students taking Cambridge ESOL English exams around the world. Currently over 135,000 scripts.

2. Using a Learner Corpus

How to get a learner corpus?

- **WriCLE**: Spanish University learners of English. From Universidad Autonoma de Madrid, 700,000 words with proficiency levels (Contact Paul Rollinson)
- **Br-ICLE** (Brazilian Portuguese portion of ICLE) (Tony Berber Sardinha and others)
- **ComAprend** (Tagnin et al) – Brazilian learners of several languages. Written.

2. Using a Learner Corpus

How to get a learner corpus?

- **Spoken Learner corpora:**
 - **LINDSEI:** (Granger 2003): (Louvain International Database of Spoken English Interlanguage) (De Cock et al 1995): Transcripts of spoken interaction, Learners of English.
 - **LINDSEI-BR** (Mello etc.) Brazilian portion of the LINDSEI corpus: Brazilian university learners of English. **In process.** Spontaneous spoken: narratives, free discussions and descriptions.

2. Using a Learner Corpus

Learners of Spanish

- **CEDEL 2** (*Corpus Escrito del Español L2*) (Cristobal Lozano, Universidad de Grenada): Learners of Spanish from around the world:
<http://www.uam.es/proyectosinv/woslac/cedel2.htm>
- **SPLLOC** (Spanish Learner Language Oral Corpus): English learners of Spanish:
<http://www.splloc.soton.ac.uk/>

2. Using a Learner Corpus

How to get a learner corpus?

=> **Collect your own**



2. Using a Learner Corpus



2.1 How to get a learner corpus?

- **Collect your own.**

- **Advantages:**

- You can study the production (written or spoken) of your own students, to see what *they* need.
- You can control the types of texts collected, and the manner of collecting it.
 - E.g., targeting particular grammatical areas
 - E.g., not allowing access to grammar checkers
- You can control what data you collect, ensuring you have all the metadata needed for your study.
 - E.g., Age? Gender? Native dialect of Spanish?

2. Using a Learner Corpus

Collect your own corpus:

- **But beware!**
 - Lots of work!!!!
 - Many studies get bogged down in the collection and time for the analysis.



2. Using a Learner Corpus

How to **USE** a learner corpus?

1. Discovering major problems of your learners
2. Curriculum progression: discovering **in what order** material is best taught across a curriculum
3. As a source of student **exercises**.
4. Studying **classroom interaction** strategies

2. Using a Learner Corpus

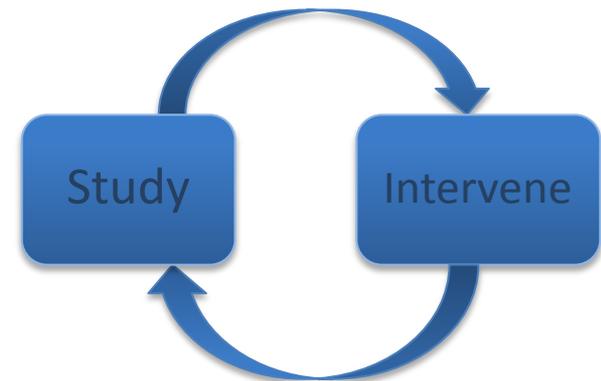
2.2 How to **USE** a learner corpus?

- 
1. Discovering major problems of your learners
 2. Curriculum design: discovering in what order material is best taught across a curriculum
 3. As a source of student exercises.
 4. Studying classroom interactions

2. Using a Learner Corpus

How to **USE** a learner corpus?

- Study your student's writing/speaking so as to get a clearer picture of the needs of the students.
- Reformulate your teaching curriculum and methodology on the basis of their true needs.



2. Using a Learner Corpus

How to discover student needs?

- **Error analysis** is one way to explore the linguistic needs of learners (e.g. Dagneaux et al 1998).

Error analysis: counting the types and frequency of errors that students make in their texts

~~X~~ Who give me tr
The man in the
~~X~~ The society tod
~~X~~ Do'nt let it get
Tomorrow, I an

2. Using a Learner Corpus

In the TREACLE project, we error coded:

- 300 student essays
- 110,000 words:
- 16,000 errors across
- Across 6 proficiency levels



Allows us to see:

- Major problem areas for the learners as a whole
- How problem areas evolve as they progress

Error coding process

Error analysis for: Files/A101-4.txt

The legalisation of Marijuana has become a very polemic topic in our present society because it concerns a lot of different opinions and because the decision of legalizing it or not will directly affect a whole society. So, legalizing Marijuana is a social debate whose outcome couldn't possibly please everyone. In this essay, I will try to discuss the different perspectives and opinions of soft-drugs such as Marijuana.

The general opinion of people who are against the legalization of drugs is that if the government legalize this type of drugs the crime rates will increase and many youths will be able to obtain the drugs without any problem at all. They also believe that drugs are very dangerous substances that can cause enormous problems to the

1. Select text containing error.

Assigned: error, grammar-error
ERROR-TYPE: np-error, adjectival-phrase-error, adverb-phrase-error, prep-phrase-error, vp-error, clause-error, clause-complex-error
Gloss:

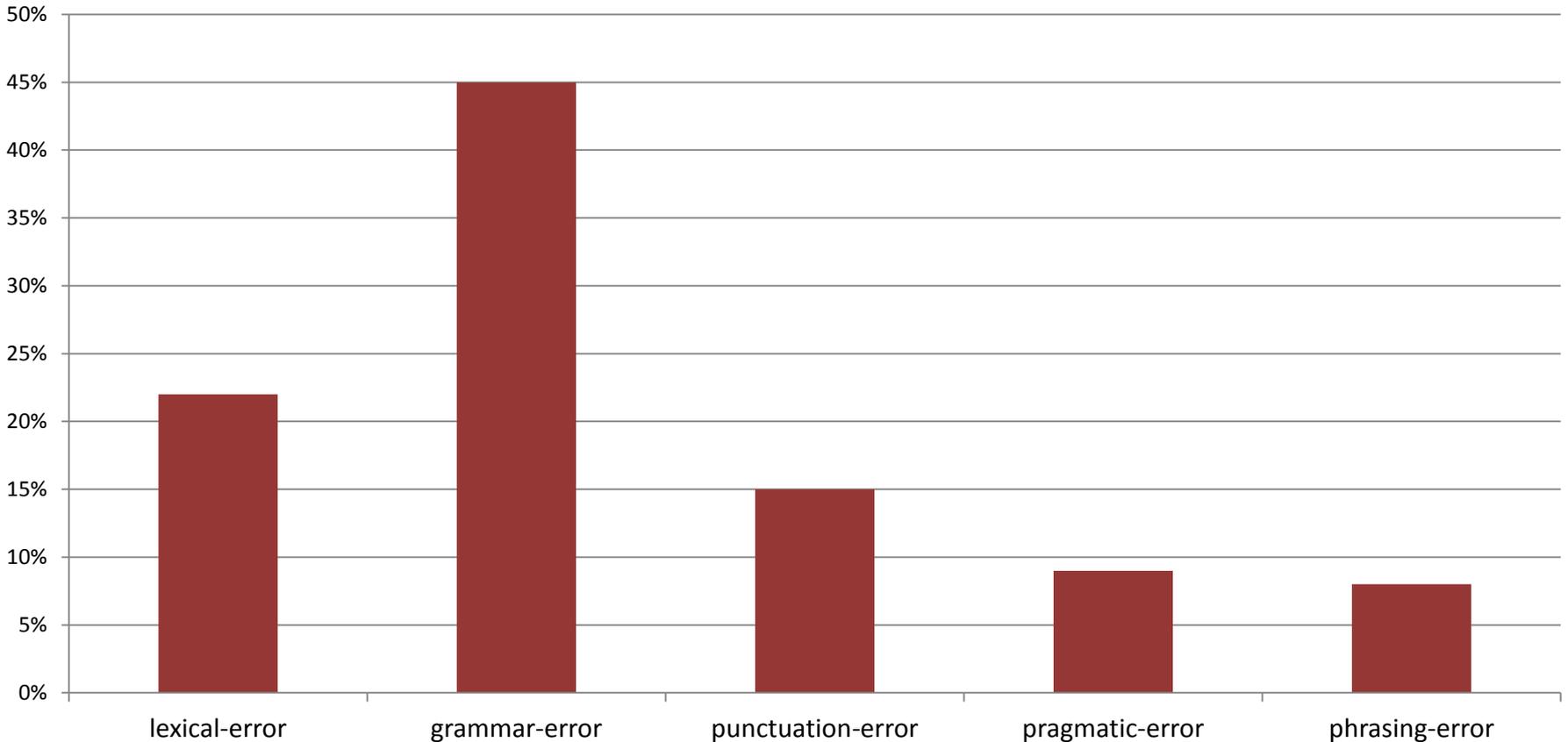
Correction: the
Comment:

2. Provide the corrected text here.

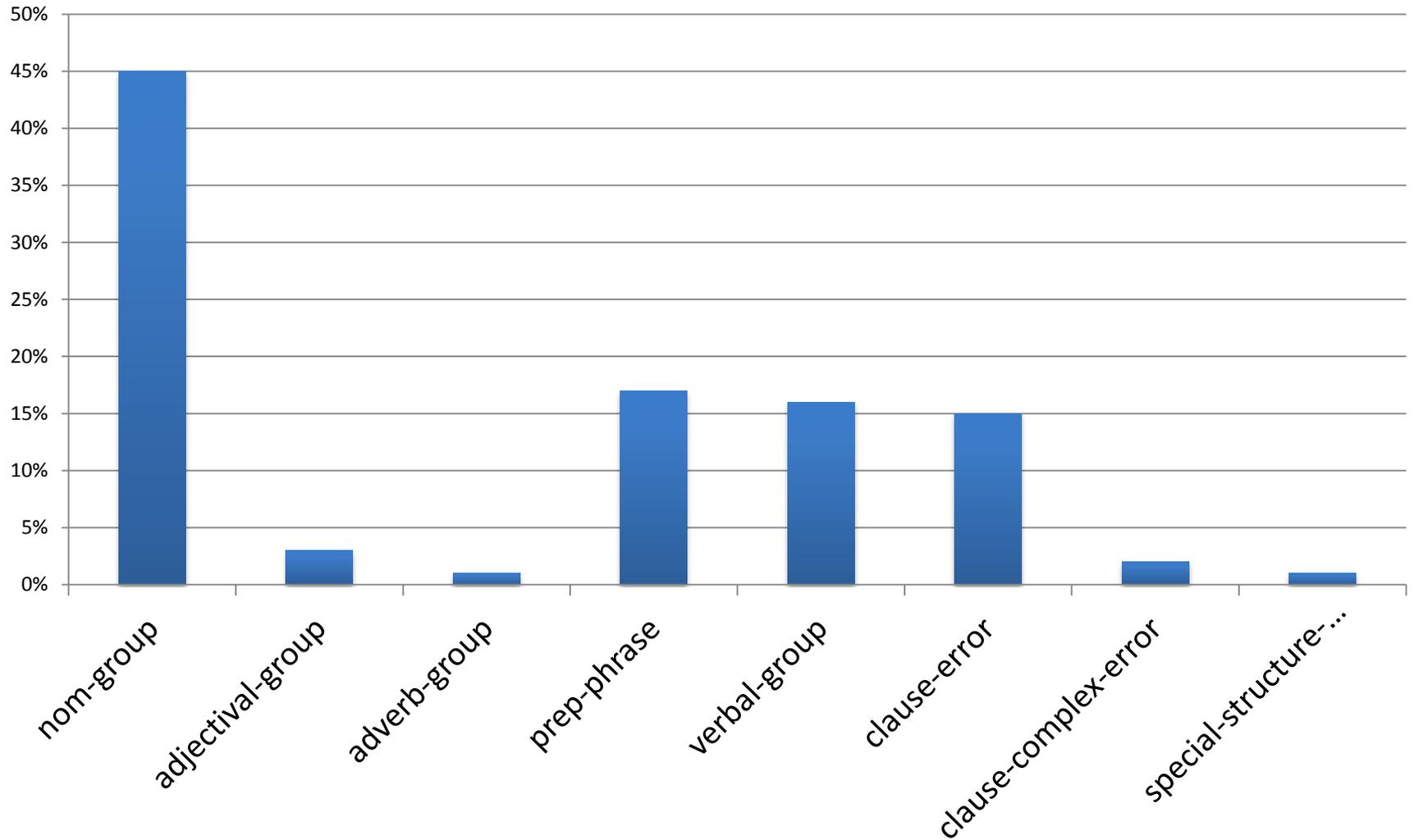
3. Assign features to current segment here.

Error Annotation: Global Results

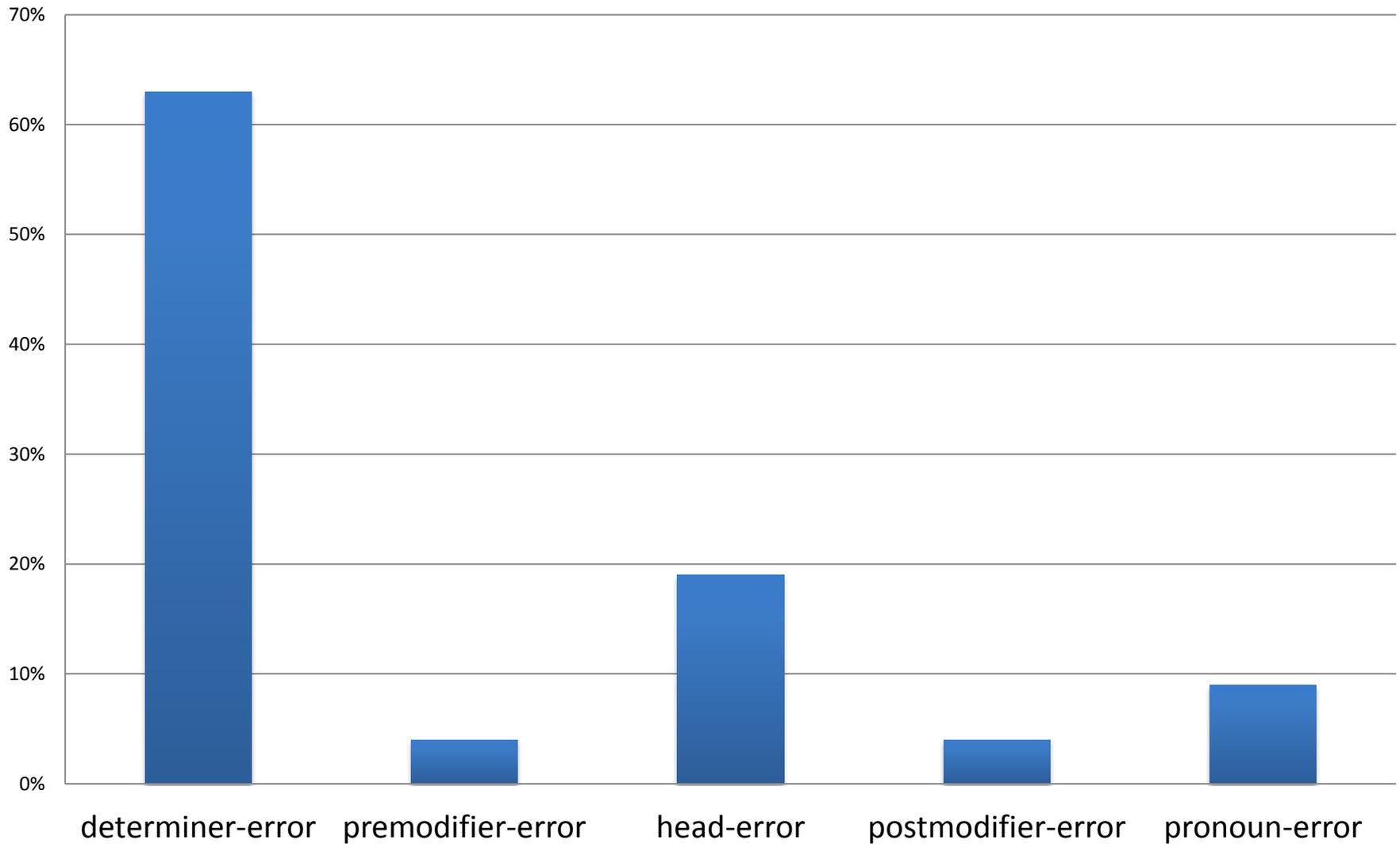
- By examining the types of errors made by students, we can determine how much teaching time to spend on each area.



Error Annotation: Grammatical Errors



Subtypes of Nominal-group error



Most common Lexical Errors

| Spelling errors | | | Transfer errors | | | Wordchoice errors | | |
|-----------------|----|-------|-----------------|----|-------|-------------------|----|-------|
| inmigration | 76 | 8.00% | actually | 10 | 3.44% | persons | 43 | 3.17% |
| inmigrants | 69 | 7.44% | optative | 5 | 1.72% | other | 23 | 1.80% |
| live | 20 | 2.11% | supposes | 5 | 1.72% | work | 17 | 1.25% |
| inmigrant | 15 | 1.58% | fomenting | 5 | 1.72% | works | 17 | 1.25% |
| religi3n | 14 | 1.47% | course | 4 | 1.37% | do | 13 | 0.96% |
| ilegal | 11 | 1.16% | cannon | 4 | 1.37% | make | 13 | 0.96% |
| whit | 11 | 1.16% | important | 4 | 1.37% | win | 11 | 0.81% |
| wich | 10 | 1.05% | sanity | 3 | 1.03% | job | 10 | 0.74% |
| gobernment | 9 | 0.95% | asignature | 3 | 1.03% | have | 9 | 0.66% |
| lifes | 9 | 0.95% | poblacion | 3 | 1.03% | take | 8 | 0.59% |

2. Using a Learner Corpus

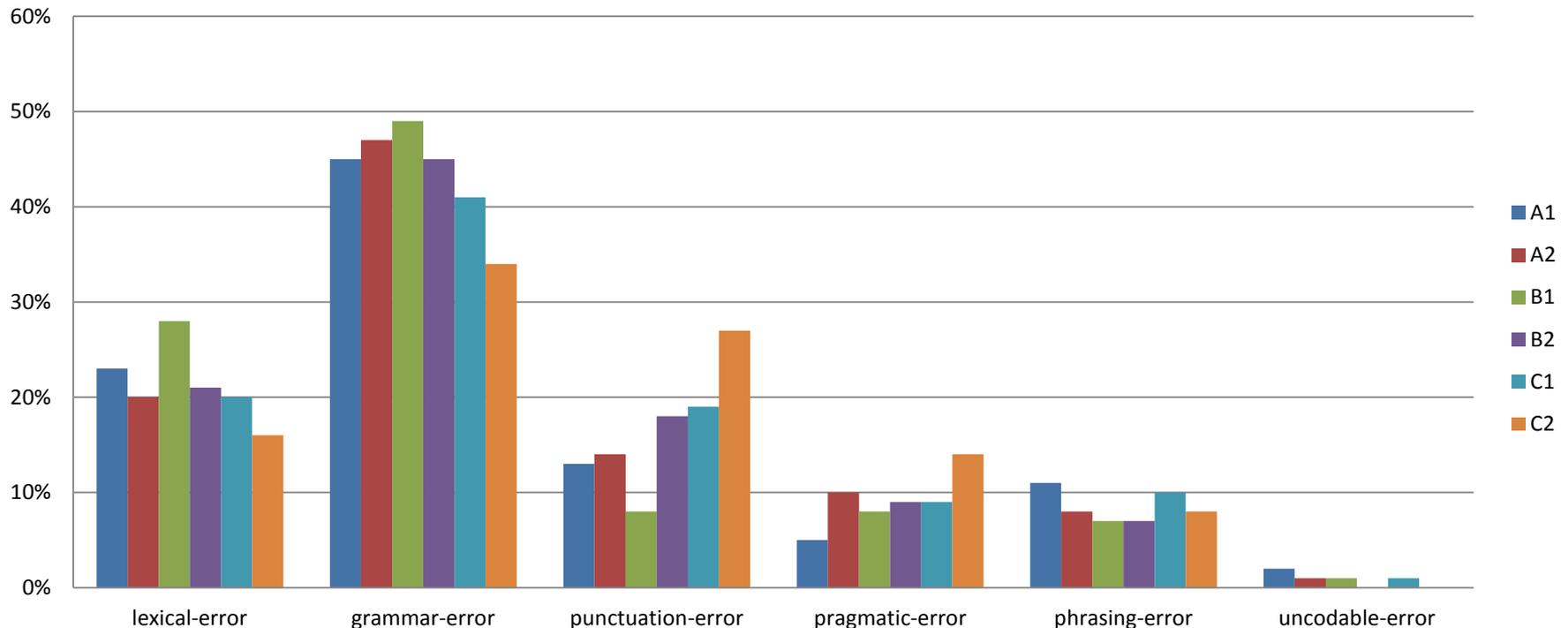
How to **USE** a learner corpus?

1. Discovering major problems of your learners
2. Curriculum design: discovering in what order material is best taught across a curriculum
3. As a source of student exercises.
4. Studying classroom interactions

Error Annotation: Results by proficiency

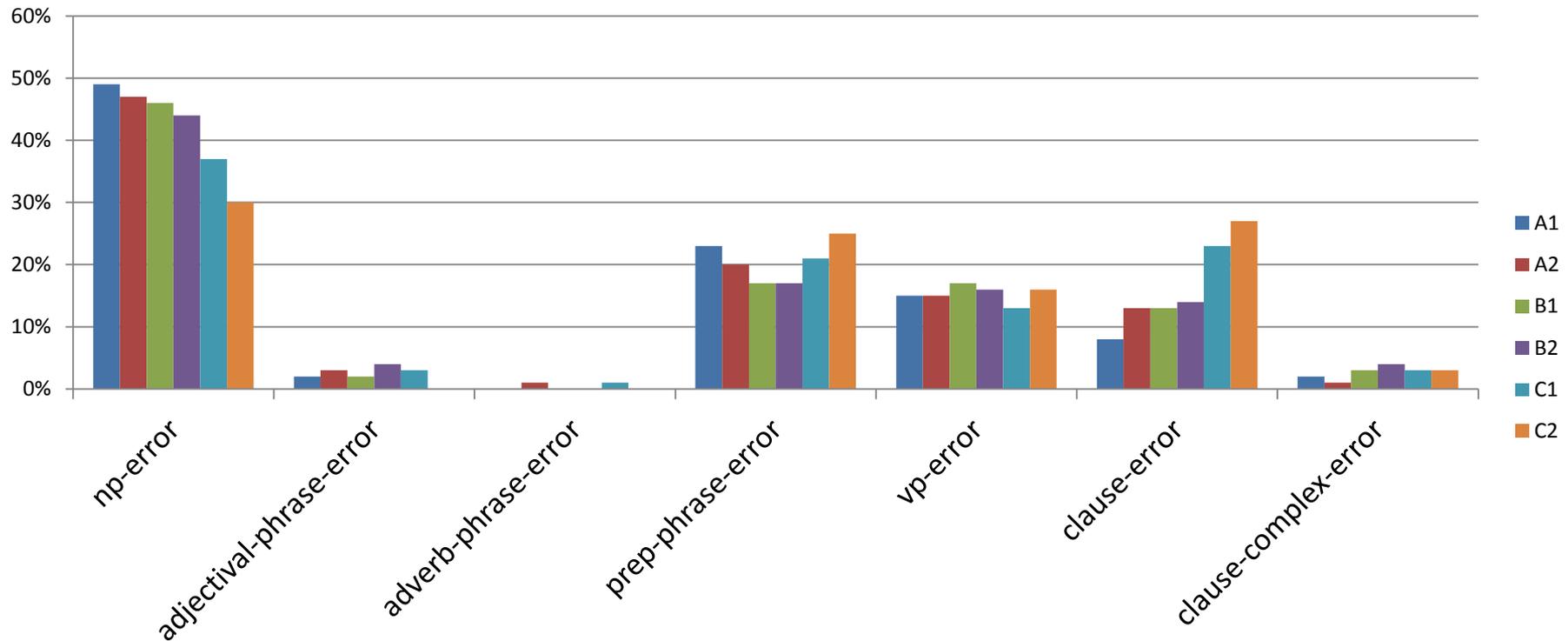
- By examining the types of errors made **at each proficiency level**, we can adapt teaching to each group's needs.

General Errors (by type)



Error Annotation: When to teaching

- Initial attention on the nominal group and the prep phrases.
- As students progress, more attention needed on clause structure issues.



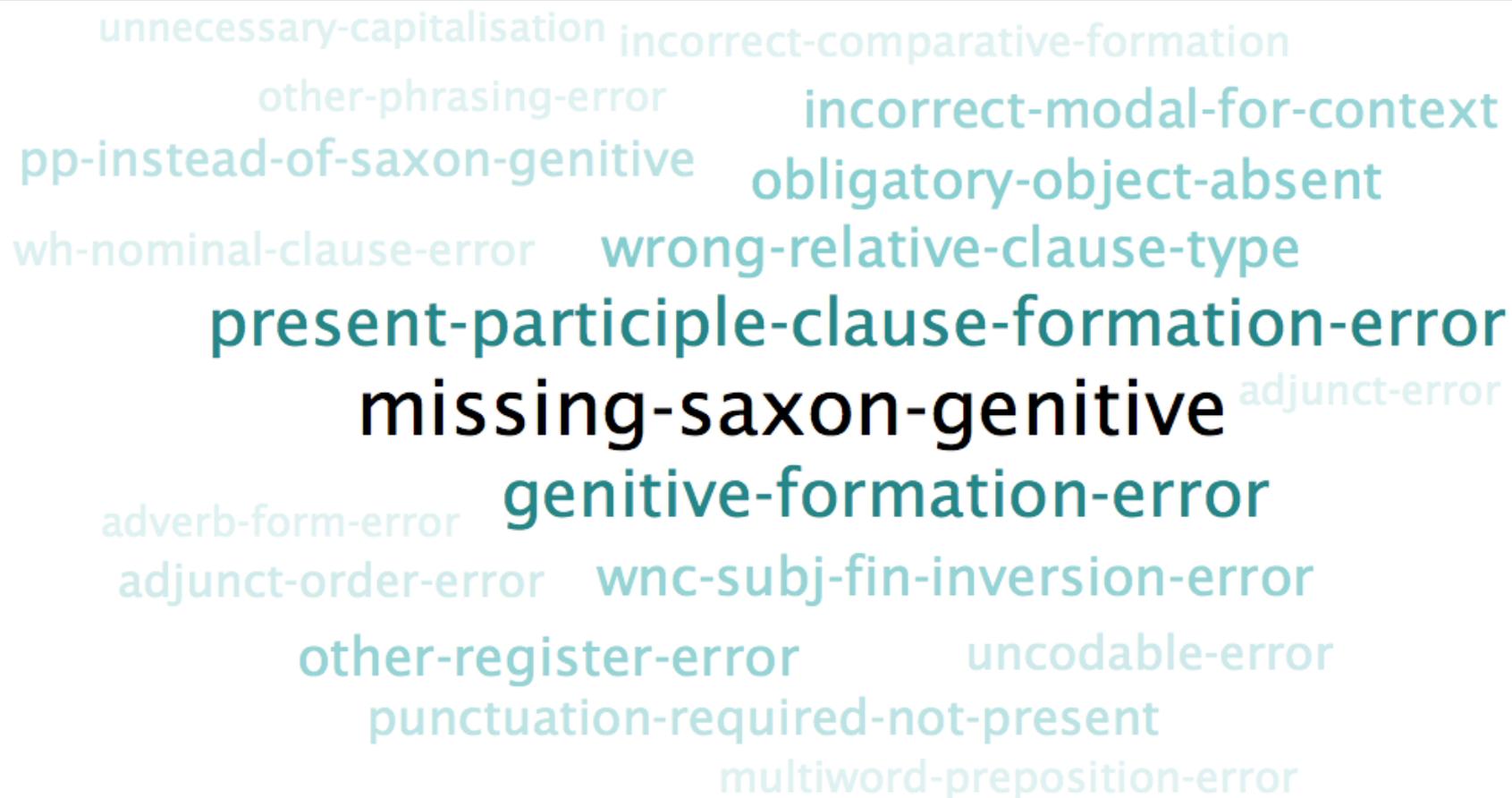
Unit: c1 +

Aspect of Interest: Key Features

Show

Reference Corpus: Everything else in project

Unit of Interest: error



A word cloud of error types. The most prominent error is 'missing-saxon-genitive' in large black font. Other errors include 'present-participle-clause-formation-error', 'genitive-formation-error', 'obligatory-object-absent', 'incorrect-modal-for-context', 'wh-nominal-clause-error', 'wrong-relative-clause-type', 'adverb-form-error', 'adjunct-order-error', 'wnc-subj-fin-inversion-error', 'other-register-error', 'punctuation-required-not-present', 'multiword-preposition-error', 'adjunct-error', 'other-phrasing-error', 'pp-instead-of-saxon-genitive', 'unncessary-capitalisation', 'incorrect-comparative-formation', and 'uncodable-error'. The words are in various shades of teal and blue, with size corresponding to frequency.

unncessary-capitalisation incorrect-comparative-formation
other-phrasing-error incorrect-modal-for-context
pp-instead-of-saxon-genitive obligatory-object-absent
wh-nominal-clause-error wrong-relative-clause-type
present-participle-clause-formation-error
missing-saxon-genitive adjunct-error
genitive-formation-error
adverb-form-error
adjunct-order-error wnc-subj-fin-inversion-error
other-register-error uncodable-error
punctuation-required-not-present
multiword-preposition-error



2. Using a Learner Corpus

But just looking at errors is not enough!

- Students may avoid certain structures, so they don't appear as errors.
 - E.g., Phrasal verbs don't appear much in our error counts.
 - Students seem to avoid them, using alternative forms.
- Alternative approach: compare what they do syntactically to what natives do.

2. Using a Learner Corpus

We thus push a two-pronged approach:

✗ Who give me th
The man in the
✗ The society tod
✗ Do'nt let it get
Tomorrow, I an

Manual **error analysis** to see what they do wrong.

✓ The cat sat on th
✓ The mat was sat
✓ The sitting on t
✓ The reported sitt
✓ Who gives a stu

Automatic **syntactic tagging** of corpus to see what structures students are **attempting**; and what they are **avoiding** using

Only both together give the full picture!

The new points system for driving offences will be established in Spain before summer o

| | | | | | | | | | |
|---------|-------|-------|---------|--------|-------|------|---------|--------|-------|
| Subject | | | | Mod | Pass | Pred | Adjunct | | |
| Deict | Epith | Thing | Thing | Qualif | | | Op | Pphead | Op |
| | | | Op | Pphead | | | Thing | | Thing |
| | | | Classif | | Thing | | | | |

With this new system , the driving licence will consist of a number of points that c

| | | | | | | | | | |
|---------|--------|-------|---------|---------|-------|------|---------|--------|--------|
| Adjunct | | Sep | Subject | | Mod | Pred | Adjunct | | |
| Op | Pphead | | Deict | Classif | Thing | Op | | Pphead | Conj |
| Deict | | Epith | Thing | | | | Deict | Thing | Qualif |
| | | | | | | Op | | Pphead | |
| | | | | | | | | Thing | |

I personally agree with the establishment of this new law , as I feel tha

| | | | | | | | | | | |
|---------|---------|------|---------|--------|--------|--------|---------|-------|------|--|
| Subject | Adjunct | Pred | Adjunct | | | | Sep | | | |
| Thing | Head | | Op | Pphead | | | Conj | | | |
| | | | Deict | Thing | Qualif | | Subject | | Pred | |
| | | | | | Op | Pphead | | Thing | | |
| | | | | | Deict | | Epith | Thing | Cor | |

<< < > >> Ignore Delete Other Action... Save Close Help

Assigned

grammatical-unit
group
np
common-phrase
singular-phrase
nonwh-noun-phrase

Gloss

Comment:

| | | |
|--|--|--|
| <p>TENSE</p> <ul style="list-style-type: none"> simple-present present-perfect present-progressive simple-past past-progressive past-progressive simple-modal modal-perfect modal-progressive | <p>FINITENESS</p> <ul style="list-style-type: none"> simple-finite finite-with-connector relative-clause that-clause wh-nominal-clause infinitive-clause pres-participle-clause past-participle-clause | <p>VERB-TYPE</p> <ul style="list-style-type: none"> intransitive-verb monotransitive-verb ditransitive-verb ergative-verb relational-verb verbal-verb mental-verb |
| <p>MODALITY</p> <ul style="list-style-type: none"> nonmodal-clause true-modal-clause future-clause | <p>DO-INSERTION</p> <ul style="list-style-type: none"> do-inserted no-do-inserted | <p>POLARITY</p> <ul style="list-style-type: none"> positive-polarity negative-polarity |
| <p>PROCESS TYPE</p> <ul style="list-style-type: none"> material-clause verbal-clause mental-clause relational-clause | <p>VOICE</p> <ul style="list-style-type: none"> active-clause passive-clause | <p>MOOD</p> <ul style="list-style-type: none"> declarative-clause imperative-clause interrogative-clause |

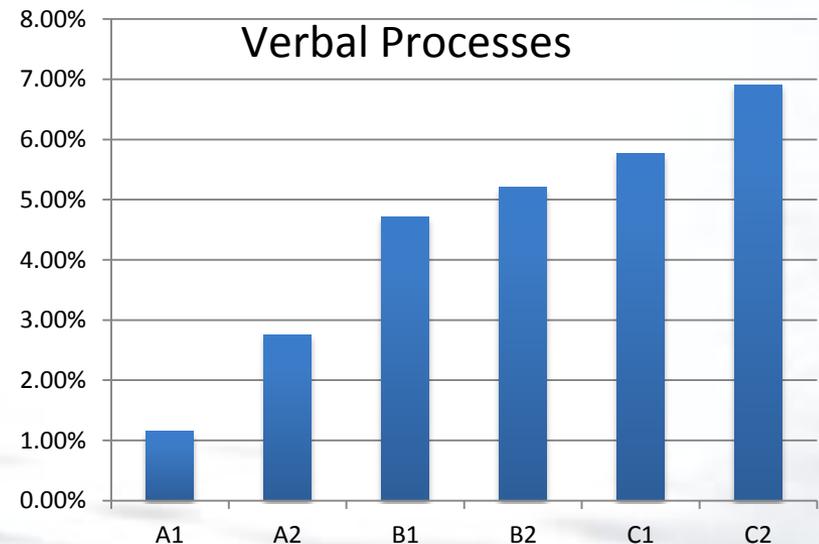
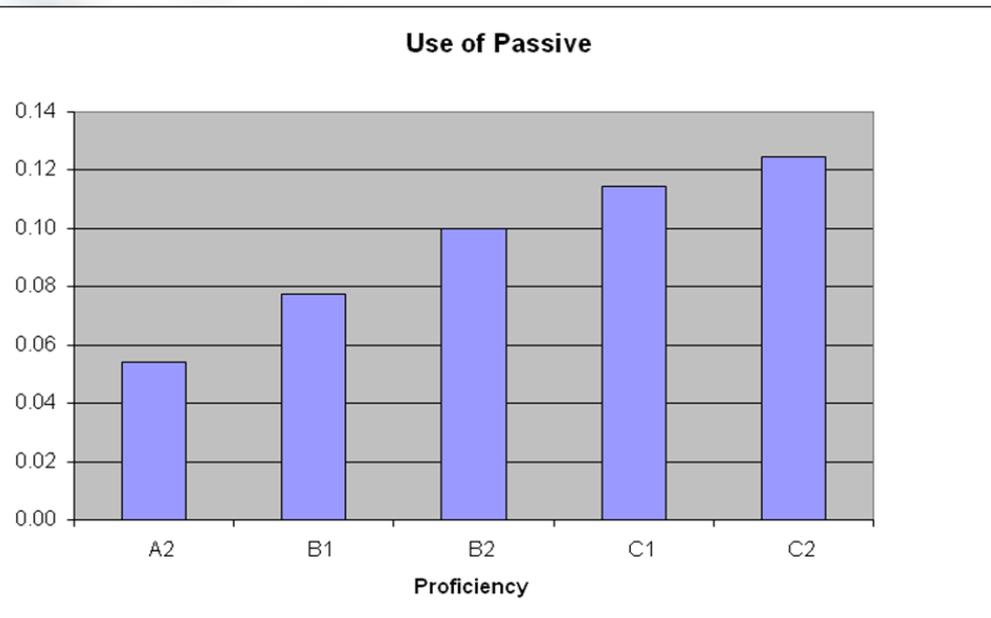
- UAM CorpusTool 3.0 adds automatic Transitivity analysis with participant roles (not yet released)

Gingrich launched a blistering attack on Romney in what is essentially

| | | | | |
|-------|---------|------|--------------|------------------------------|
| Actor | Process | Goal | Circumstance | |
| | | | | |
| | | | | Carrier Process Circumstance |

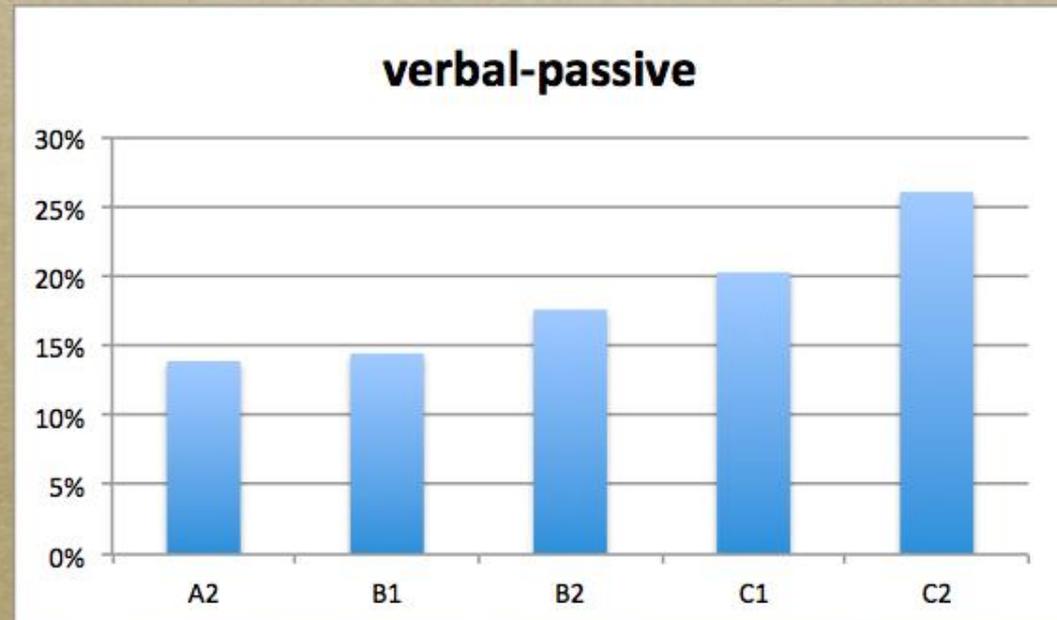
Syntactic Analysis

- **Grammatical profiles:** the degree to which each proficiency level uses each kind of structure
- From these we can get an idea when teaching a structure is beneficial.



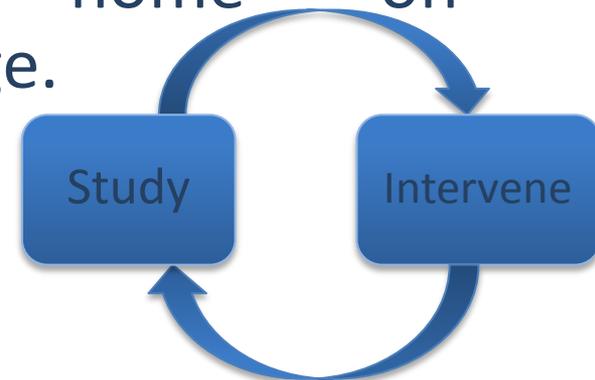
5. Results (iii): Verbal Processes

- Verbal Passives: very clear increase in passive with verbal processes! Up to 26%!!!
- Main increase in “It could be argued that...” type structures (postponed Verbiage Subject)
- Students learning to distance themselves from their claims.



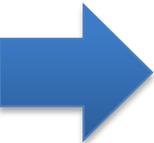
2. Using a Learner Corpus

- INTERVENTION: As a result of these studies, we have already changed the way we teach our first year students.
 - Earlier emphasis on Nominal groups, leaving clause grammar for a bit later.
 - Explicit teaching of the criteria for including or not an article in front of nouns
 - Exercise sets to take home on determiners and preposition usage.
 - Etc.



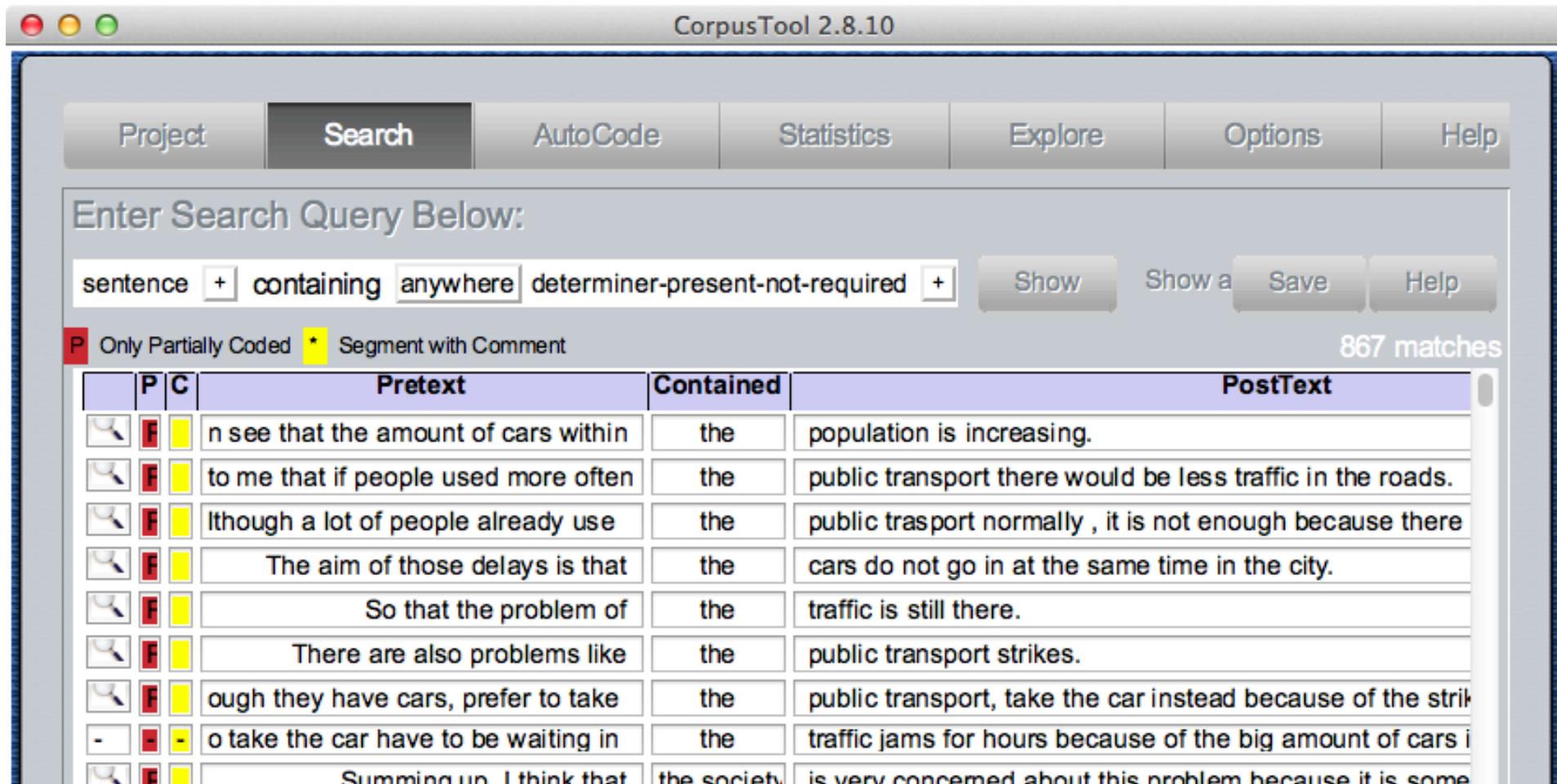
2. Using a Learner Corpus

How to **USE** a learner corpus?

1. Discovering your student's needs
2. Curriculum design: discovering when material is best taught across a curriculum
-  3. As a source of student exercises.
4. Studying classroom interactions

Deriving student exercises from a learner corpus

- Corpus software allows you to search for student sentences with a particular error type, or with a particular grammatical structure.



CorpusTool 2.8.10

Project Search AutoCode Statistics Explore Options Help

Enter Search Query Below:

sentence + containing anywhere determiner-present-not-required + Show Show a Save Help

P Only Partially Coded * Segment with Comment 867 matches

| | P | C | Pretext | Contained | PostText |
|---|---|---|--------------------------------------|-------------|---|
| | F | Y | n see that the amount of cars within | the | population is increasing. |
| | F | Y | to me that if people used more often | the | public transport there would be less traffic in the roads. |
| | F | Y | lthough a lot of people already use | the | public trasport normally , it is not enough because there |
| | F | Y | The aim of those delays is that | the | cars do not go in at the same time in the city. |
| | F | Y | So that the problem of | the | traffic is still there. |
| | F | Y | There are also problems like | the | public transport strikes. |
| | F | Y | ough they have cars, prefer to take | the | public transport, take the car instead because of the strik |
| - | - | - | o take the car have to be waiting in | the | traffic jams for hours because of the big amount of cars i |
| | F | Y | Summing up, I think that | the society | is very concerned about this problem because it is some |

| Determiners | | | | Premodifiers | | Head | PostMod |
|-------------|-----|---------|--------|--------------|----------|------|---------|
| Predet. | Det | Ordinal | Quant. | Epithet | Classif. | | |

2.2.1 Exercises on determiners (iii)

What is wrong with this text:

In the last months, in Spain, many people were asked about the most important social problems in our society. Some people think the main worrying social issue is the terrorism; other people think that the problem is the drugs.

However, some sociological investigations realized in Spain have demonstrated that 51% think that the unemployment is the worst problem, the next is the price of housing and the third important problem is the domestic problem.

| Determiners | | | | Premodifiers | | Head | PostMod |
|-------------|-----|---------|--------|--------------|----------|------|---------|
| Predet. | Det | Ordinal | Quant. | Epithet | Classif. | | |

2.2.1 Exercises on determiners (iii)

What is wrong with this text:

In the last months, in Spain, many people were asked about the most important social problems in our society. Some people think the main worrying social issue is **the** terrorism; other people think that the problem is **the** drugs.

However, some sociological investigations realized in Spain have demonstrated that 51% think that **the** unemployment is the worst problem, the next is the price of housing and the third important problem is the domestic problem.

| Determiners | | | | Premodifiers | | Head | PostMod |
|-------------|-----|---------|--------|--------------|----------|------|---------|
| Predet. | Det | Ordinal | Quant. | Epithet | Classif. | | |

2.2.1 Exercises on determiners (iii)

Fill in each gap with either “a”, “an”, “the” or “-”

In _____ recent months in Spain, many people were asked about _____ most important social problems in our society. Some people think _____ main issue is _____ terrorism; _____ other people think that _____ problem is _____ drugs.

2. Using a Learner Corpus

- Build online exercises using Hot Potatos, Moodle, etc.
- Questions relating to the highest error categories in your class:

6 🗣️ Which of the following sentences are grammatically correct?

Marks: --

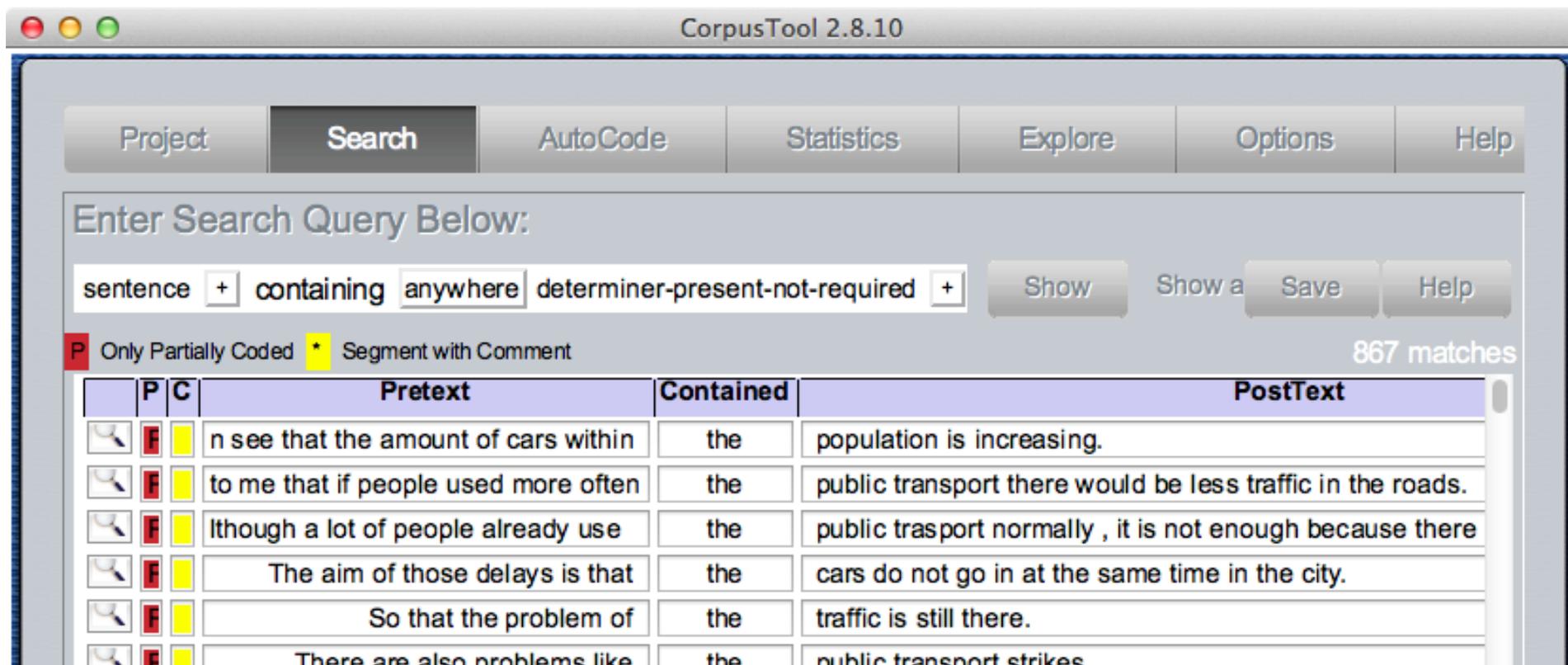
/2

Choose at least one answer.

- All my two brothers are coming.
- I like no of them.
- He has much chance of winning.
- I have seen others which I like less.
- I bought five clothes at the sale.
- Each of them have good qualities.

2. Using a Learner Corpus

- **Data-driven learning:** give students access to the error tagged corpus, and ask them to derive the rules for use of the grammatical category



CorpusTool 2.8.10

Project Search AutoCode Statistics Explore Options Help

Enter Search Query Below:

sentence + containing anywhere determiner-present-not-required + Show Show a Save Help

P Only Partially Coded * Segment with Comment 867 matches

| | P | C | Pretext | Contained | PostText |
|--|---|---|--------------------------------------|-----------|--|
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2. Using a Learner Corpus

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4. Studying classroom interactions

2. Using a Learner Corpus

Studying classroom interactions

T: Before we go on, can you um tell me how I decided when to start a new paragraph

Chn: [hands up]

T: because that's something that some people at the beginning of the year had a bit of trouble with knowing when to begin a new paragraph. Adrian, what do you think?

A: Um, when you like change the subject or like you, you go on time, place, time that just happened, or ... that's about it.

T: That's excellent. That's a really good answer. Does someone want to add to that? Can you think of something else to say. Okay Julia

2. Using a Learner Corpus

Studying classroom interactions

- To see which teacher strategies are most effective.
- To identify strategies used by successful students which could be taught to other students
- To identify students who participate and those who don't.
- Etc.



2. Using a Learner Corpus

Exploring effective teacher strategies :

1. Do good teachers ask more questions of students than other teachers?
2. Do students learn better when teachers give supportive feedback?
3. Do good teachers frame their questions by first providing background information?

Etc.



3. Using Native Corpora

Some NATIVE corpora

- **English:**
 - **BAWE (British Academic Written English):** 2760 essays from University students across different faculties and years. Very good reference corpus for university-level learners of English.
<http://www2.warwick.ac.uk/fac/soc/al/research/collect/bawe/>
 - **MICASE:** Transcripts of Spoken academic events.
- **Spanish (Chile):**
 - **PUCV-2006** (Giovanni Parodi, Rene Venegas): (481 texts, 60 million words)
- **Portuguese (Portugal):**
 - **DEEB** (Carlos Gouveia, Lisbon) 4,800 Portuguese exam texts from 4 school years.

3. Using Native Corpora

Why use Native Corpora:

- **Studying core vocabulary:** Studying the vocabulary and phrases that are most essential in a given genre or domain.
 - “in other words”, “this essay will address”
- **Reference corpus:** Studying the normal patterns of grammatical usage of native writers as a means of locating under-usage and over-usage of your students.
- **Data-driven learning:** teaching students to use a native corpus as a resource to discover rules of correct/preferred usage.

Studying core vocabulary: Key Phrases

- What common phrasings will help a learner appear to be competent in a register or genre?
 - N-grams, “key phrases”, “lexical bundles”

12

K. Hyland / English for Specific Purposes 27 (2008) 4–21

Table 6

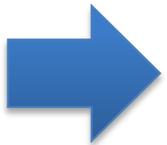
Most frequent 50 4-word bundles in four disciplines (Bold = item occurs in 4 disciplines, italic = items occurs in 3 disciplines)

| Biology | Electrical engineering | Applied linguistics | Business studies |
|--------------------------|--------------------------|--------------------------|-----------------------------------|
| in the presence of | on the other hand | on the other hand | on the other hand |
| in the present study | as shown in figure | at the same time | in the case of |
| on the other hand | in the case of | <i>in terms of the</i> | at the same time |
| <i>the end of the</i> | is shown in figure | on the basis of | <i>at the end of</i> |
| <i>is one of the</i> | it can be seen | in relation to the | on the basis of |
| at the end of | as shown in fig | in the case of | as well as the |
| it was found that | is shown in fig | in the present study | the extent to which |
| at the beginning of | can be seen that | <i>the end of the</i> | <i>the end of the</i> |
| as well as the | <i>can be used to</i> | <i>the nature of the</i> | significantly different from zero |
| <i>as a result of</i> | the performance of the | <i>in the form of</i> | are more likely to |
| it is possible that | as a function of | as well as the | the relationship between the |

3. Using Native Corpora

3.2 USES of Native Corpora:

- Studying core vocabulary: Studying the vocabulary and phrases that are most essential in a given genre or domain.
 - “in other words”, “this essay will address”
- **Reference corpus:** Studying the normal patterns of grammatical usage of native writers in the same genre as a means of locating under-usage and over-usage of your students.
- **Data-driven learning:** teaching students to use a native corpus as a resource to discover rules of correct/preferred usage.

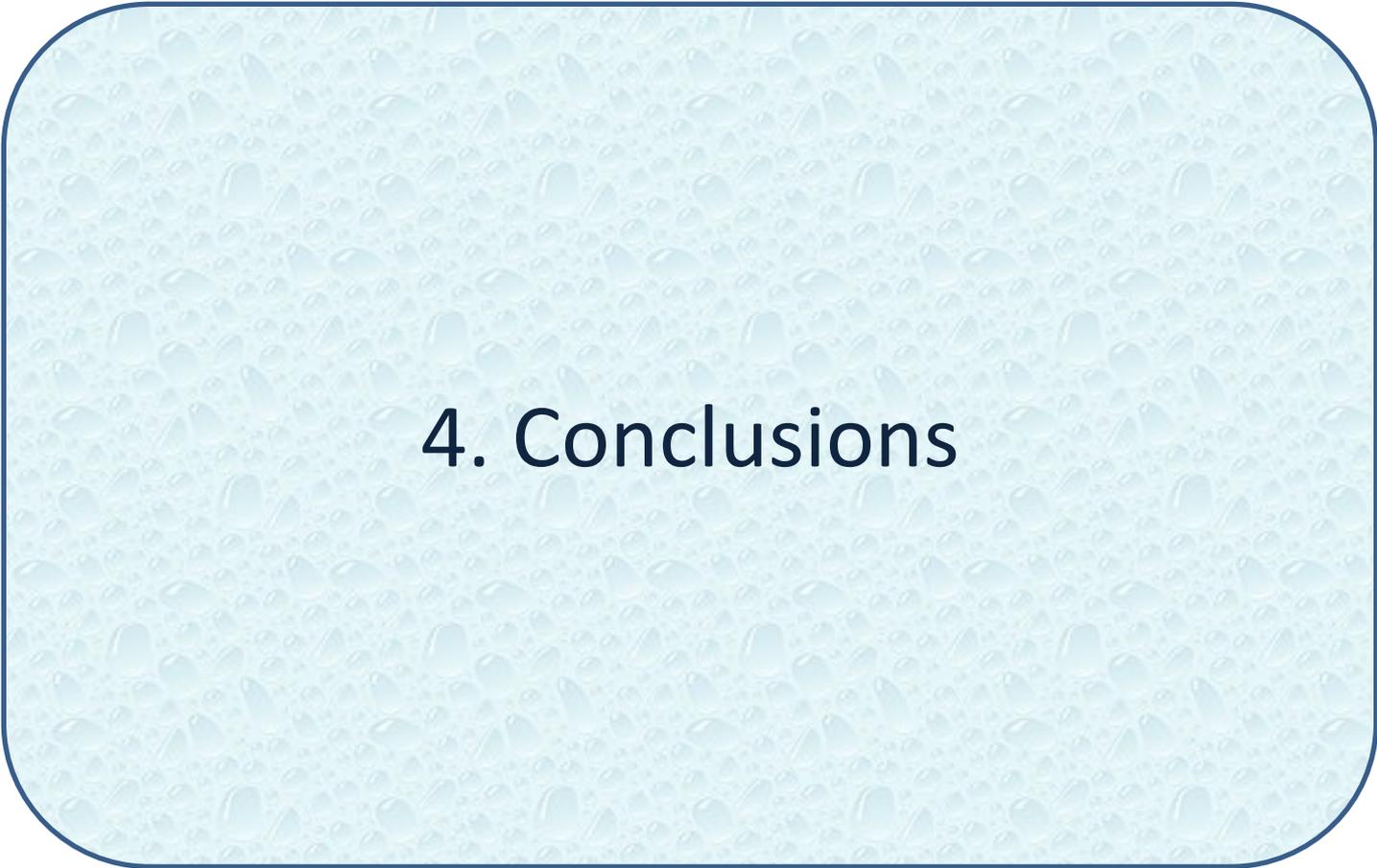


Data Driven Learning

- **Key idea:** learners learn best by being confronted by real examples of text, and through repeated exposure, come to understand normal usage of vocabulary or grammar.
- Reading is good, but exposures to instances of vocabulary/syntax structures may be so far apart that previous exposures are forgotten.
- A concordancer can show a learner multiple real contexts of vocabulary or structures at one time.
- Learner can use this information to figure out meanings/usage rules.

Data Driven Learning

1 sing itself to such possibilities, [however](#) , A Bend in the River, for all its a
2 rine of diminished responsibility. [However](#) , a central element in the common-la
3 targets by wearing a Celtic scarf. [However](#) , a closer look at the supposedly mo
4 probably unhelpful (Simpson 1976). [However](#) , a cognitive therapy approach to he
5 . Even apart from such exceptions, [however](#) , a contract not made in the require
6 ischarge in that area. More often, [however](#) , a discharge will have been noticed
7 ferent countries. From 1860 on, [however](#) , a dramatic increase in the number
8 ient in committing suicide. It is, [however](#) , a fine line. between aiding suicid
9 eir anthropology. It also implied, [however](#) , a further difference from the earl
10 may well seem perverse. There is, [however](#) , a good deal of information in the
11 ir and construction of body cells. [However](#) , a high-protein diet need not be ex
12 cribed to mere accident. There is, [however](#) , a large variety of killings which
13 ndment Act to be unconstitutional. [However](#) , a law dealing with the national si



4. Conclusions

4. Conclusions

- Language Learners from different mother-tongue contexts face different needs from those from other language backgrounds.
- Many resources for FLT are targeted at a generic student, and don't directly address the needs of specific students
- We can use Learner Corpora for our specific community in order to discover the specific needs of our students
- We can re-shape our course materials to better target these specific needs

4. Conclusions

- Error analysis is a good way to clearly see what problems our students have
- Studies across proficiency levels allow us to see where certain topics become more critical.
- Automatic grammatical analyses allow us to profile grammatical abilities at each level.
- We can thus reformulate our teaching curriculum to best suite the needs of our students.