



Corpus Linguistics (4): Learner corpora & error tagging

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LCR and related fields

Corpus linguistics

- What is a corpus?
- How can we use a corpus?

SLA

- How can we make sense of the data?
- What answer are we looking for?

ELT

- How can we apply corpus findings?
- How can we improve our teaching?





Three corpus-linguistic methods

- 1. Frequency lists & collocate lists
 - Most decontextualized methods
- 2. Colligations (Collostructions)
 - Lexical elements + grammatical element or structure
- 3. Concordances (of search expressions)
 - The occurrence of a match of the search expression
 - Most context-rich





Important concepts in CL (2)

- ☐ Frequency vs distribution (dispersion)
- ☐ Collocation (lexical n-grams; prefabs; multi-word units)
 - node vs collocate
 - N-word cluster
- Colligation
 - Lexico-grammatical co-occurrence
- ☐ Concordance
 - KWIC; Search [node] –word; right/left contexts; sorting;





Data relevant to SLA/ELT

- ☐ How does the input language pattern?
- ☐ How does the native language of the learners pattern?
- How does the target language pattern?
- ☐ What are the differences between how the native language and the target language pattern? (Contrastive/Cross-linguistic Analysis)





Data relevant to SLA/ELT

- ☐ How does the input language pattern?
 - Textbook corpus/ Classroom interaction corpus
- ☐ How does the native language of the learners pattern?
 - L1 corpus
- How does the target language pattern?
 - TL corpus (e.g. English native corpus)
- ☐ What are the differences between how the native language and the target language pattern? (Contrastive/Cross-linguistic Analysis)





Important concepts in CL (3)

☐ General vs. Specialized corpora

☐ Spoken vs. Written corpora

☐ Balanced vs. Monitor corpora





Output of the learner

- How does the interlanguage pattern?
 - Learner corpora
- ☐ Which kinds of errors do the language learners commit?
 - Computer-aided error analysis (Granger)





Types of Learner Corpora

- ☐ Proficiency levels:
 - Fixed vs. varied (cross-sectional/longitudinal)
- ☐ L1 background:
 - Fixed vs. varied (learners with various L1s)
- ☐ Mode of production:
 - Written (essay)
 - Spoken (speech; retelling; conversation)
- ☐ Levels of annotation (POS; parsed; error-tagged)





Error Analysis (EA)

- Based on nativist views of language learning
 - Interlanguage (Selinker 1972)
 - Idiosyncratic dialect (Corder 1971)
- ☐ Basic steps:
 - Collection of a sample of learner language
 - Identification of errors
 - Description of errors
 - Explanation of errors
 - Error evaluation





Error descriptions 1

- Linguistic taxonomy:
 - Basic sentence structure
 - Verb phrase (tense/ aspect/ subjunctive/ auxiliary/ non-finite verb)
 - Verb complementation
 - Noun phrase
 - Prepositional phrase
 - Adjunct
 - Coordinate & subordinate constructions
 - Sentence connection







Error description 2

- ☐ Surface structure (modification) taxonomy:
 - Omission
 - Addition
 - ☐ Regularization: e.g. *eated for ate
 - ☐ Double-marking: e.g. He didn't *came
 - □ Simple addition: e.g. regularization/double-marking 以外
 - Misinformation
 - □ Regularization: e.g. *Do they be happy? → Are they happy?
 - Archi-forms: e.g. It's not me. Me don't care. (両方me)
 - ☐ Alternating forms: e.g. *Don't* watch. & *No* watch.
 - Misordering: e.g. She fights all the time her brother.





CL methods and LC

Overuse vs. underuse

- ☐ Use vs. misuse (errors)
 - Linguistic classification of errors
 - ☐ Lexical vs. grammatical (POS + tense/agreement/etc)
 - Surface strategy taxonomy
 - Omissions/additions/ misinformations/ misorderings
 (Dulay, Burt & Krashen 1982)





SLA and CLR

- ☐ Description → Explanation
- ☐ SLA theories:
 - UG-Based SLA (Hawkins, White) ← more focus on lexicon
 - Processibility Hypothesis (Pienemann) ← Levelt & LFG
 - Competition Model (MacWhinney) ← very much frequency-based
- ☐ Related disciplines:
 - Cognitive linguistics; Usage-based approach
 - Systemic-functional grammar
 - Natural language processing
 - Data mining; Neural network





LCR & ELT applications

- ☐ Indirect use:
 - Lexicography
 - Wordlist
 - Syllabus/course design
 - Materials design (textbooks; vocabulary books; classroom tasks)
 - Test development (CEFR; Criterion; SST)
- ☐ Direct use:
 - Corpus use in the classroom
 - Data driven learning
 - CALL implementations
 - Teacher training





Main areas to be covered

- ☐ State-of-the-art articles in LCR
- Error annotation
- ☐ CEFR-based LCR
- ☐ Automatic detection of errors using LC
- ☐ Applications of LCR in iCALL
- ☐ Spoken vs. Written LC





Error tagging

- ☐ Annotation on language learners' errors
- ☐ Error-tagged corpora:
 - NICT JLE Corpus: partially error-tagged
 - JEFLL Corpus: partially error-tagged
 - Cambridge Learner Corpus
 - HKUST Corpus of Learner English
- ☐ Generic error tagsets:
 - NICT JLE/ ICLE
- Tagging is usually done manually

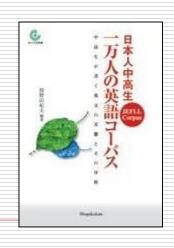




Learner corpus projects in Japan

- NICT JLE Corpus (Izumi et al. 2005)
 - 2 million words
 - Spoken (based on the OPI-like interview scripts)
 - 1,283 subjects
 - Distributed by NICT
- ☐ JEFLL Corpus (Tono et al. 2007)
 - 669,281 words
 - Written in-class essays (w/o dictionary)
 - 10,038 subjects (junior & senior high)
 - Freely accessible on the web:
 - http://scn02.corpora.jp/~jefll04dev/









L2 vocabulary profile: Crucial differences

Most learner corpora available now: e.g. ICLE/ LLC/ CLC

advanced

intermediate

novice / lowerintermediate **NICT JLE**

JEFLL





Systematizing LC descriptions

- ☐ A series of studies on criterial features of L2 developmental stages based on JEFLL and NICT JLE:
 - Morpheme orders: Tono (1998); Izumi (2005)
 - N-gram analysis: Tono (2000, 2008); Kimura (2004)
 - Verb subcategorization: Tono (2004)
 - Verb & noun errors: Abe (2003, 2004, 2005)
 - Article errors: Izumi (2003, 2004)
 - NP complexity: Kaneko (2004, 2006); Miura (2008)
 - Conjunctions: Kobayashi & Yamada (2008)



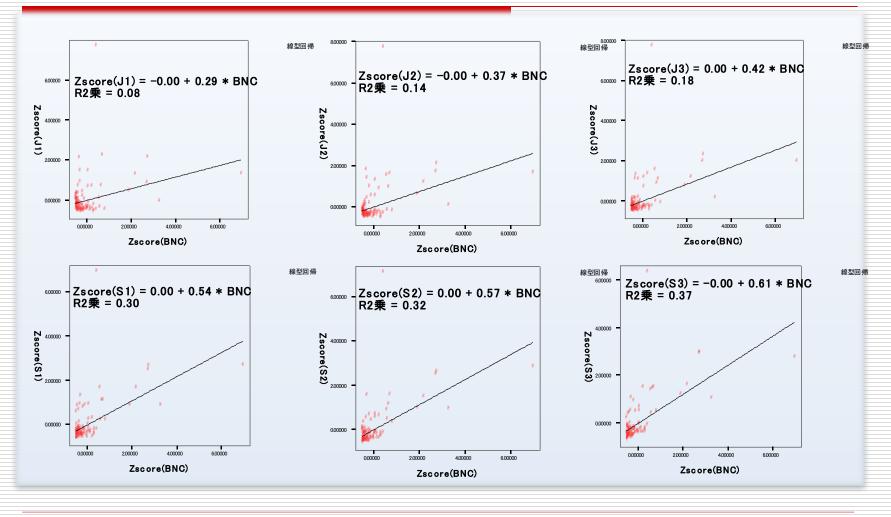


WORDLIST ANALYSIS





Use of top 100 words (JEFLL)

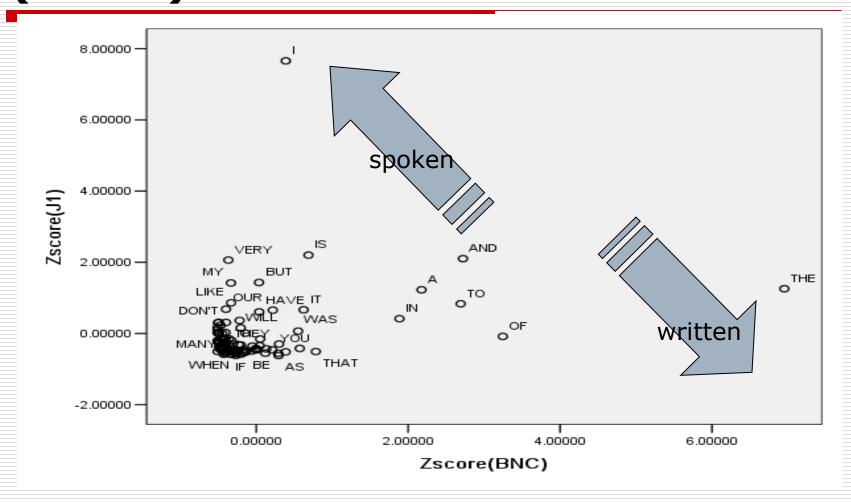








Distributions of top 100 words (JEFLL)









Overuse/underuse of words in top 10

J	J1 J2 J3		S1 S2			•	S3	3	BNC				
Word	Freq	Word	Freq	Word	Freq	Word	Freq	Word	Freq	Word	Freq	Word	Freq
l	7071	1	7235	1	7513	1	6106	1	6386	_	5190	THE	6178
IS	2412	AND	2350	AND	2624	THE —	2706	THE	2899	AND	2726	OF	3116
AND	2328	VERY	2101	THE	2350	AND	2699	ANI		ТО	2722	AND	2682
VERY	2293	10	2020	то	2344	ТО			2618	THE	2580	то	2656
BUT	1755	THE	1979	WAS			1898	IS	1850	Α	1744	A	2229
MY	1743	IS	10		1791	WAS	1893	MY	1830	IS	1654	IN	1989
THE	1606		1867	MY	1730	MY	1597	A	1790	HE	1652	THAT	1075
A	1581	MY	1739	A	1641	IT	1460	4	1500	IT	1648	IS	996
LIKE	1268	BUT	1666	BUT	1627	<u> </u> <u> </u> <u> </u>	1448	ÍN	1376	WAS	1574	т	943
то	1245	Α	1573	VERY	1585	VERY	1316	OF	1334	IN	1451	FOR	900

freq =per 100,000 words



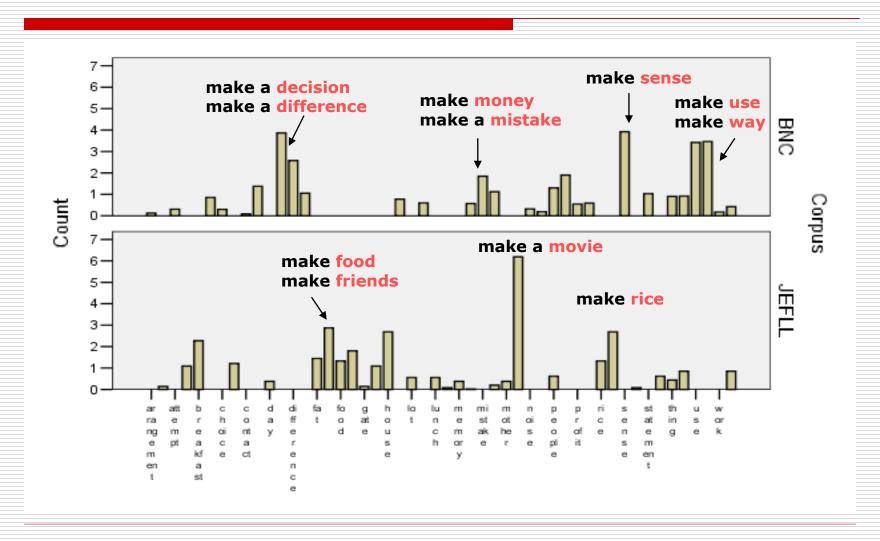


COLLOCATION/COLLIGATION ANALYSIS





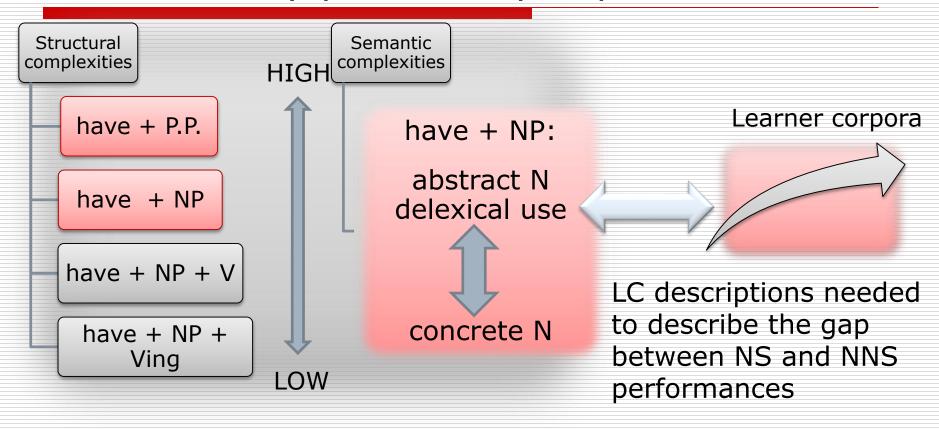
The use of "make + Noun"







L2 vocabulary profile:LC perspectives

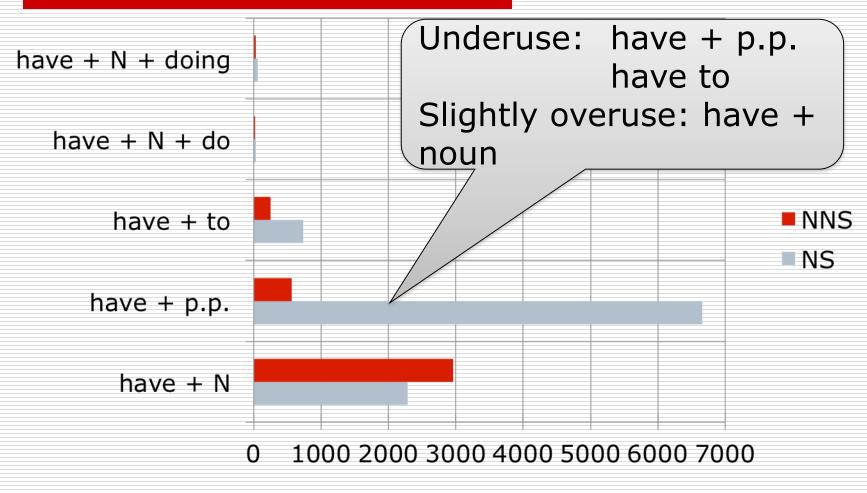


Profiling based on NS corpora only





Use of the verb *have*



Normalized freq. (per 1 million)





BNC Top 10	NS	JEFLL-JH	JEFLL-SH
have + time	****	****** *	***** ***
have + right(s)	****	-	-
have + problem	****	-	-
have + effect	****	-	-
have + look	****	-	-
have + child	***	-	-
have + idea	***	*	*
have + chance	***	-	-
have + place	***	-	-
have + power	***	-	-



nave + noun^{To}ky2 University of Foreign Studies



JEFLL Top 10	NS	JEFLL-JH	JEFLL-SH
have + breakfast	*	*******	******
have + bread	-	****** ****	*****
have + rice	_	****** ****	******
have + time	****	******	*****
have + money	**	*****	*****
have + dream	-	*****	*****
have + food	-	***	***
have + lunch	*	***	***
have + break	*	**	**
have + thing	*	**	*







have + noun (3)

Very little use of delexical verbs

(e.g. have a look)

Fewer abstract nouns

More concrete objects

time

idea

rice

money

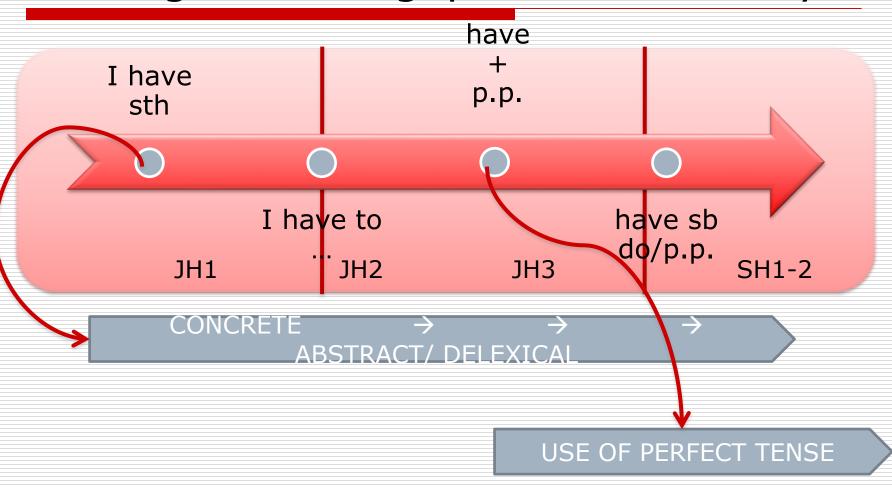
bread







L2 vocabulary profile: Dealing with the gap more efficiently







WORD/POS N-GRAM ANALYSIS



Word n-graffis (Conjunctions)



	J1		J2		J3		S1		S2		S3
Freq		Freq		Freq		Freq		Freq		Freq	
	#JP# . I		. So I		l do n't		l do n't		l do n't		l do n't
	. I like		l do n't		. So I		#JP# . I		I want to		I want to
	. But I		#JP#.I		. But I		. But I		. But I		. So I
	l do n't		I will bring		#JP# . I		. So I		. So I		. But I
	. So I		. But I		. I was		. I was		. It is		. It was
	#JP#.#JP#		. I like		I will bring		I want to		l ca n't		. It is
	I will bring		. I was		I want to		school festival .		. I think		in the morning
	#JP# . But		. I will		. Hike		. It was		. I was		and so on
	in the morning		I want to		. I will		our school festival		. When I		Icant
	is #JP#		in the morning		in the morning		. Our class		. I like		. Our class
	very much .		the morning .		. And I		in the morning		a lot of		school festival .
	the morning .		very much .		l ca n't		a lot of		and so on		so on .
	. Our class		I was very		. I do		. So ,		#JP# . I		. Our school
	Our school festival		#JP# . But		. I think		I was very		. And I		Our school festival
	. It 's		very #JP# .		. Lusually		I will bring		. But ,		a lot of
	very #JP# .		. So ,		the morning .		. And I		. If I		. I think
	. I will		. It is		. Because I		. I think		so on .		. I was
	. Our school		. It was		do n't have		. Because I		. I do		.#JP#is
	. I do		#JP# . So		I was very		Our school festival		. I have		I will bring
	and #JP# .		. I want		very much .		. I like		our school festival		our school festival
	. I usually		#JP#.#JP#		. It is		. Our school		school festival .		the morning .
	do n't have		#JP# . He		I usually have		l did n't		, I will		. I do
	. It is		do n't like		. I have		. I will		. So ,		do n't have
	But I do		. Because I		#JP# . But		. I do		in the morning		#JP# . I
	#JP# . Our		. I do		. It was		l ca nt		do n't have		. So ,
	. I eat		. Our class		. When I		the morning .		l will take		. I like
	#JP#.lt		do n't have		. I want		. If I		. It was		. I will
	. #JP# I		. Lusually		. He was		So,I		. I want		. If I
	morning . I		. Urashima Taro	147			a big earthquake		a big earthquake		. I want
	. I 'm		I usually have		. So ,		do n't have		. Because I		. And I
	. I have		. Our school		#JP#.So		, too .		, but I		. I have
	, too .		. And I		l did n't		school festival ,		, too .		, I will
	. I #JP#		. But ,		. One day		, so I		, so I		. Urashima Taro 📃
	. Urashima Taro		Our school festival		a lot of		the school festival		I think that		l could n't
	. I want		. It 's		. And he		. I have		Our school festival		. I usually
	#JP# . So		Urashima Taro was		, too .		. I want		, and I		I usually have
	is very #JP#		a lot of		. I 'm		#JP# . But		. Our school		very much .
	I usually have		#JP#.lt		. So he		l could n't		. I will		. He was
	#JP# and #JP#		l ca n't		#JP# . He		and #JP# .		for breakfast .		. It 's
	every day .		is#JP#.		and #JP# .		, 1 11		. For example		. Because I
	. I love		morning . I		. It 's		. But ,		school festival is		. For example
	. And I		. I 'm		dream . I		, but I		very much .		. I 'm
	rice and #JP#		. I think		morning . I		. It is		. It 's		. When I
	school festival is		it . I		and so on		#JP# . It		I was very		, so I
	#JP# . He		very happy .		do n't like		I went to		. I 'm		I was very
	#JP# is #JP#		I went to		, I will		very much .		So,I		for me .
	do n't like		was#JP#.		me . I		, I was		, I was		morning . I
	#JP# in the		. I have		, so I		, I will		For example ,		,#JP#,
	Hike #JP#		#JP# and #JP#		breakfast . I		. Urashima Taro		the morning .		. And he
82	bread and milk	92	. I #JP#	101	. Then I	52	verv happy .	112	there is a	50	. One dav

Note: Sentence-initial "but" in blue



Tokyo University of Foreign Studies (Modals = VM)



J1		J2		J3		S1		82		83	
Freq	Seq	Freq	Seq	Freq	Seq	Freq	Seq	Freq	Seq	Freq	
	. PPIS1 VV0		. PPIS1 VV0		NN1 . PPIS1		NN1 . PPIS1		NN1 . PPIS1		NN1 . PPIS1
692	PPIS1 VV0 NN1	719	NN1 . PPIS1		. PPIS1 VV0	413	PPIS1 VM VVI	1259	. PPIS1 VV0	469	PPIS1 VM VVI
	NN1 . PPIS1		PPIS1 VM VVI		PPIS1 VM VVI		. PPIS1 VV0		PPIS1 VM VVI		. PPIS1 VV0
	. APPGE NN1		RGJJ.		RGJJ.		. APPGE NN1		II AT NN1		II AT NN1
	#JP# . PPIS1		. APPGE NN1		JJ NN1 .		II AT NN1		JJ NN1 .		JJ NN1 .
	RGJJ.		JJ NN1 .		PPIS1 VD0 XX		NN1 NN1 .		APPGE NN1 .		NN1 NN1 .
	. CCB PPIS1		. RR PPIS1		II AT NN1		RG JJ .		AT1 JJ NN1		. APPGE NN1
	PPIS1 VD0 XX		PPIS1 VD0 XX		. RR PPIS1		APPGE NN1 NN1		II APPGE NN1		APPGE NN1 NN1
	PPIS1 VM VVI		. PPIS1 WD		VD0 XX VVI		VBDZ RG JJ		. CS PPIS1		II APPGE NN1
	PPIS1 W0 #JP#		PPIS1 VV0 NN1		APPGE NN1.		. PPIS1 WD		AT NN1 .		APPGE NN1.
	APPGE NN1 NN1		VBDZ RG JJ		VBDZ RG JJ		JJ NN1 .		NN1 , PPIS1		VM XX VVI
	. PPH1 VBZ		#JP# . PPIS1		. CS PPIS1		APPGE NN1.		, PPIS1 VM		AT NN1 .
	VBZ RG JJ		. PPIS1 VM		. CCB PPIS1		AT NN1 .		VM XX VVI		RGJJ.
	NN1 NN1 .		NN1 NN1 .		AT NN1 .		II APPGE NN1		APPGE NN1 NN1		PPIS1 VM XX
	NN1 CC NN1		. CCB PPIS1		. APPGE NN1		PPIS1 VD0 XX		. APPGE NN1		VBDZ RG JJ
	. RR PPIS1		VD0 XX VVI		. PPIS1 WD		. CS PPIS1		NN1 NN1 .		NN1 CC NN1
	NN1 #JP# .		APPGE NN1 .		. PPIS1 VM		AT1 JJ NN1		. PPIS1 VVD		VV0 TO VVI
	VD0 XX VVI		VBZ RG JJ		VM XX VVI		VD0 XX VVI		PPIS1 VD0 XX		, PPIS1 VM
	VV0 NN1 .		AT NN1 .		PPIS1 VM XX		. RR PPIS1		W0 TO WI		PPIS1 VD0 XX
	JJ #JP# .		APPGE NN1 NN1		PPIS1 VV0 NN1		AT1 NN1 IO		NN1 . CS		. CS PPIS1
	NN1.CCB		. PPIS1 VBDZ		NN1 . CCB		, PPIS1 VM		, PPIS1 VV0		. PPHS1 VVD
	#JP# . #JP#		NN1 . CCB		II APPGE NN1		PPIS1 VV0 TO		PPIS1 VV0 NN1		PPIS1 W0 TO
	. PPIS1 VM		PPIS1 VV0 TO		#JP# . PPIS1		VM XX VVI		PPIS1 VV0 TO		AT1 JJ NN1
	#JP# . APPGE		II AT NN1		PPIS1 VV0 TO		NN1, PPIS1		RGJJ.		NN1 . RR
	APPGE NN1 .		JJ . PPIS1		. PPHS1 WD		W0 TO WI		VD0 XX VVI		.RR,
	JJ NN1 .		. PPH1 VBZ		NN1 . CS		PPIS1 VM XX		PPIS1 VM XX		. PPIS1 VM
	NNT1 . PPIS1		NN1 CC NN1		NN1 . RR		. CCB PPIS1		. PPIS1 VM		NN1 , PPIS1
	VBZ#JP#.		JJ #JP# .		NN1 NN1 .		. PPIS1 VM		NN1 CC NN1		. RR PPIS1
	#JP# . CCB		. PPHS1 VVD		W0 TO WI		NN1 CC NN1		VBZ RG JJ		AT1 NN1 IO
	II AT NNT1		II AT NNT1		. PPIS1 VBDZ		PPIS1 VV0 NN1		AT1 NN1 IO		VD0 XX VVI
	NN1 CC #JP#		NN1 . RR		. PPIS1 RR		NN1 . CCB		. RR PPIS1		NN1.CS
	. PPIS1 VBM		VM XX VVI		VBZ RG JJ		AT NN1 NN1		NN1 . RR		. PPH1 VBZ
	NN1 NN1 VBZ		W0 TO WI		CS PPIS1 W0		NN1 . CS		CS PPIS1 W0		VBZ RG JJ
	RG DA1 .		II APPGE NN1		JJ . PPIS1		#JP# . PPIS1		NN1 . CCB		CS PPIS1 W0
	AT NNT1 .		AT NNT1 .		AT1 JJ NN1		, PPIS1 W0		. PPH1 VBZ		. PPIS1 WD
	NN1 . APPGE		PPIS1 VM XX		NN1 CC NN1		VBZ RG JJ		VBDZ RG JJ		PPIS1 W0 NN1
	. PPIS1 RR AT1 NNT1 .		. CS PPIS1 NNT1 . PPIS1		II AT NNT1 AT1 NN1 .		. PPIS1 VBDZ		. RR , JJ NN1 ,		NN1 . PPH1 NN1 , NN1
	JJ . PPIS1		JJ . CCB		. PPH1 VBZ		NN1 . RR		NN1 IO NN1		PPIS1 W0
	CC #JP# .		NN1 . APPGE		NN1 , PPIS1		.RR.		AT NN1 .		NN1 II AT
	NN1 VBZ #JP#		NN1 CC #JP#		II NN1 .		ILAT NNT1		. PPHS1 WD		AT1 NN1 .
	APPGE NN1 VBZ		II NN1 .		APPGE NN1 NN1		JJ . PPIS1		. CCB PPIS1		NN1.CCB
	#JP# PPIS1 W0		. PPIS2 WD		NN1 II AT		NN1 NN1 .		JJ . PPIS1		II AT NNT1
	APPGE NN1 #JP#		. PPIS1 RR		. PPIS1 VM		AT1 NN1		II NN1 .		. PPIS1 RR
	AT NN1 .		NN1 II AT		. CC PPIS1		. PPIS1 WD		AT1 NN1 .		II NN1 .
	W0 NN1 CC		RG DA1 .		PPIS1 RR VV0		CS PPIS1 VV0		NN1 . PPH1		AT NN1 .
	. PPIS1 VD0		#JP#.CCB		NN1 . PPHS1		. PPH1 VBDZ		TO WI NN1		NN1 IO NN1
	RR PPIS1 VV0		. PPIS1 VBM		NN1.CC		APPGE NN1 VVD		. PPIS1 WD		NN1 . PPHS1
	CCB PPIS1 VD0		.RR,		PPIS1 RR VH0		TO WINN1		APPGE NN1 .		NN1 NN1 .
	NN1 VBZ RG		NN1 #JP# .		. PPIS1 VD0		. PPHS1 WD		, CS PPIS1		. CCB PPIS1
	#JP# NN1 #JP#		AT1 JJ NN1		, PPIS1 VV0		NN1 II AT		NN1 II AT		WD TO WI
	VD0 XX VHI		NN1 . CS		AT NNT1 .		VDD XX VVI		VM VVI RP		JJ . PPIS1
-	•	-									

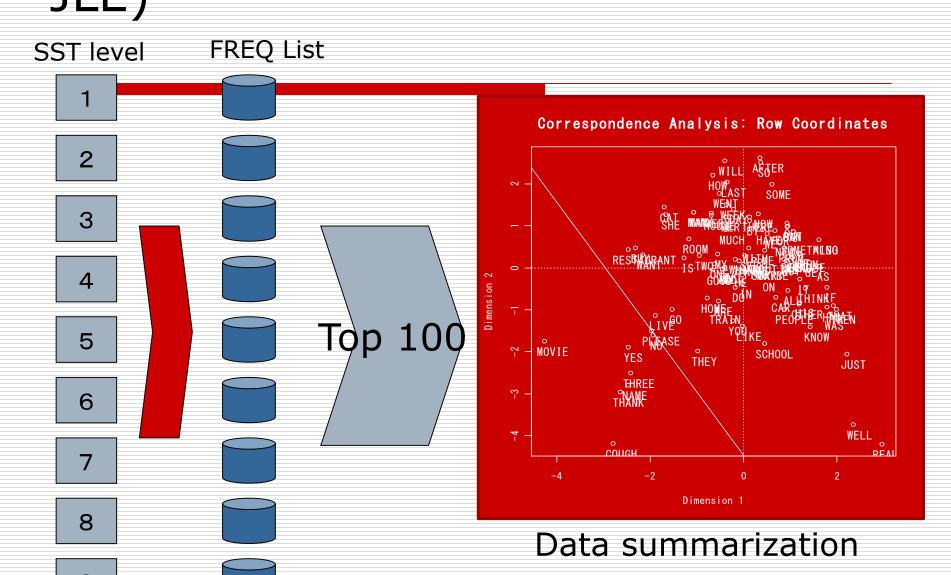




MULTIVARIATE ANALYSIS (CLUSTERING)

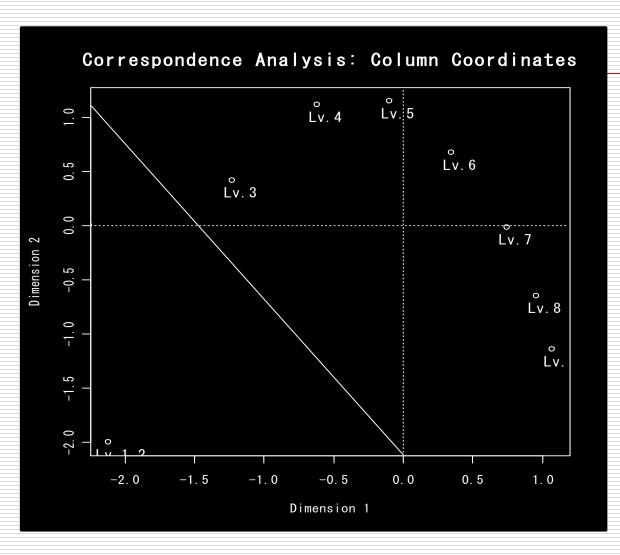
Analysis of Spoken Corpus (NICT)







Tokyo University of Foreign Studies Correspondence Analysis

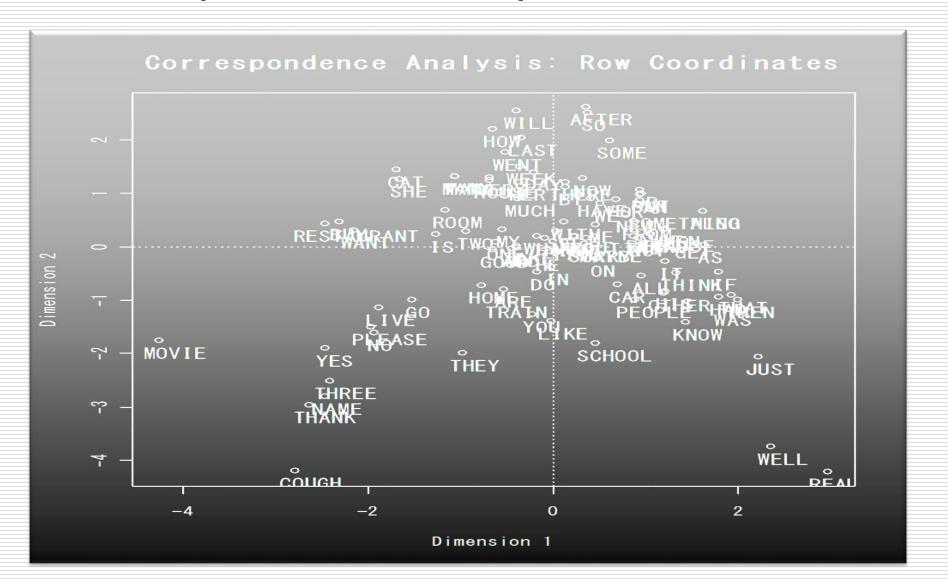


• The most frequent 100 wo can serve as a useful crite feature for distinguishing of level from another.



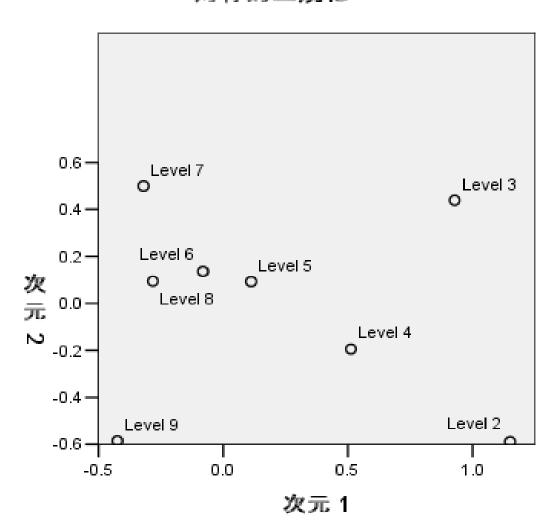
Tokyo University of Foreign Studies Correspondence Analysis





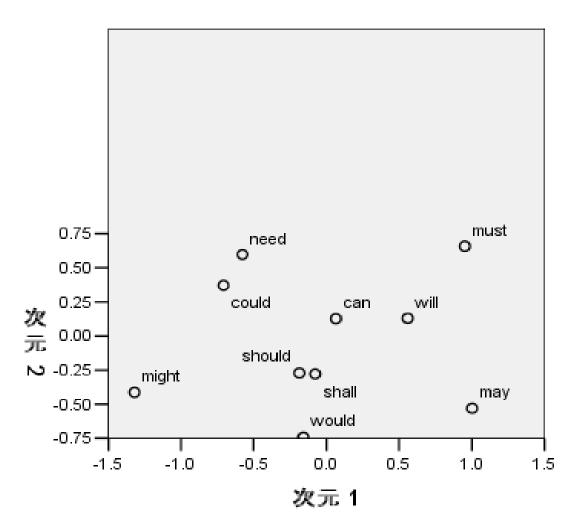
SST levelsの列ポイント

The use of modal auxiliaries across different proficiency 対称的正規化



modalsの行が分と

The use of modal auxiliaries across different proficiency 対称的正規化

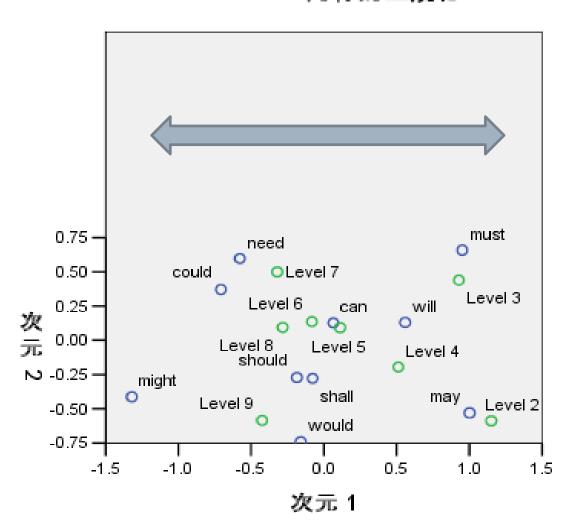


行ずイントと列ボイント

The use of modal auxiliaries across different proficiency 対称的正規化

modals

SST levels





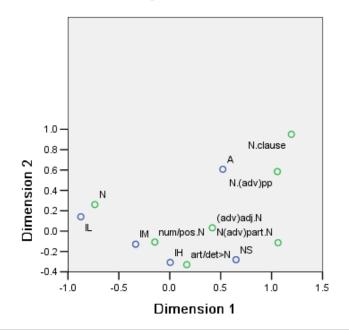


Kaneko (2006): NP structures

NICT-JLE

Row and Column Points

Symmetrical Normalization





NP types:

- N
- num/possessive + N
- det + N
- N (adv)part + N
- (adv) adj + N
- -N + (adv) + PP
- N + clause

Learner Levels:

- IL = Intermediate (low
- IM = Intermediate (mid
- IH = Intermediate (hig
- A = advanced
- NS = native speaker

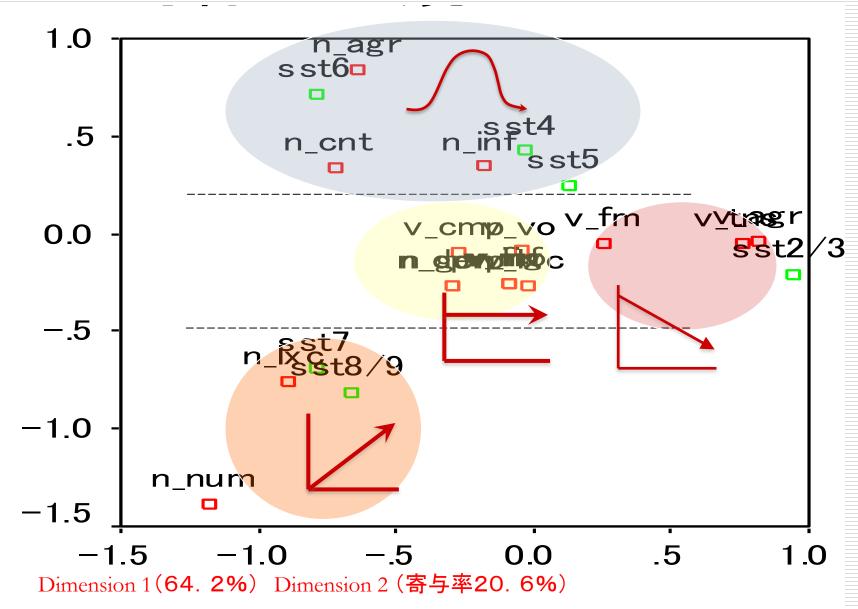




Error freq's & distributions

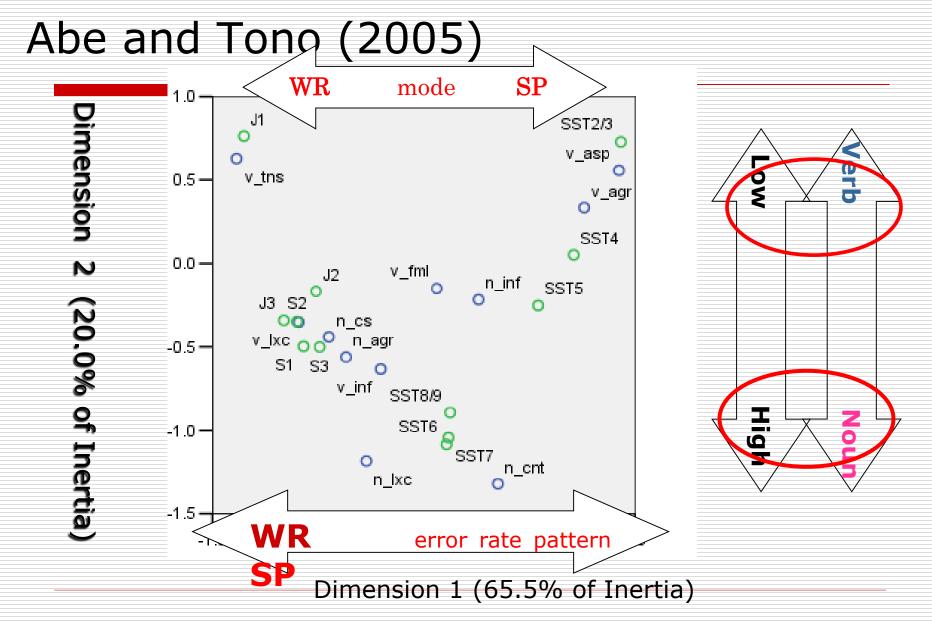










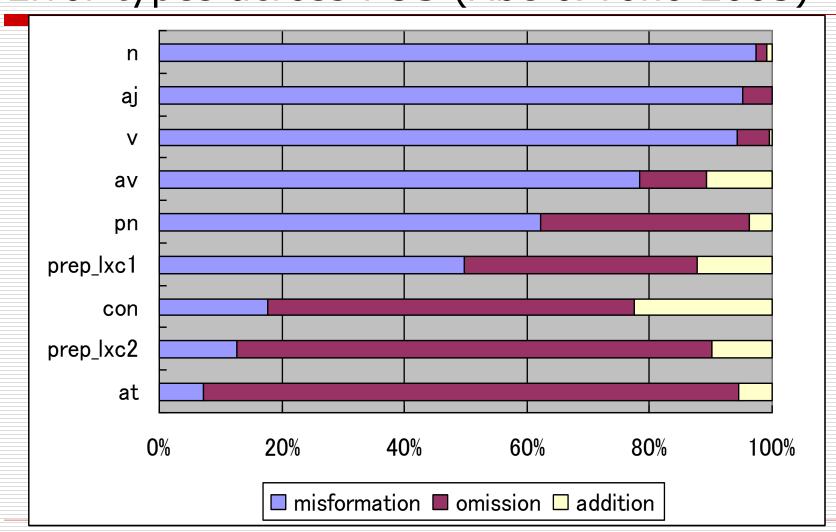








Error types across POS (Abe & Tono 2005)







AUTOMATIC ERROR IDENTIFICATION





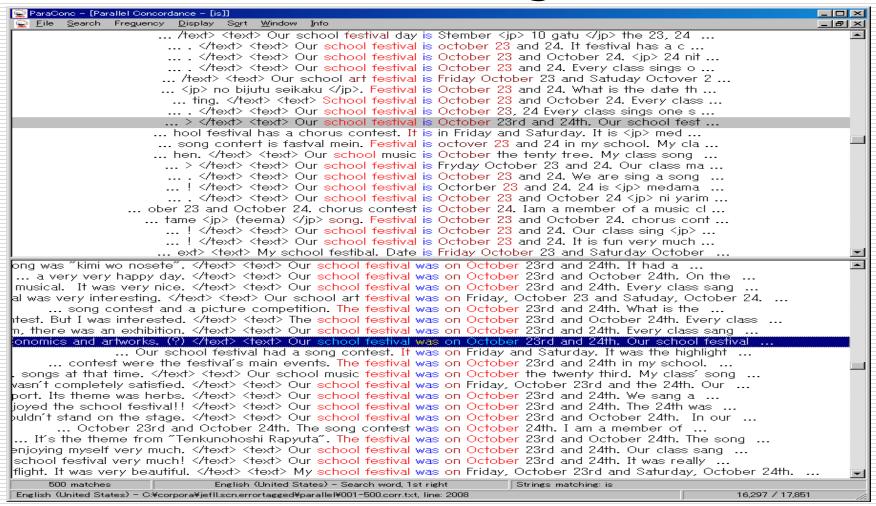
Automatic identification of learner errors

- ☐ JEFLL Corpus → The error-corrected version is now ready.
- ☐ We are working on the program that can compare the original and corrected versions of the sentence and automatically identify the patterns of deviation from the corrected sentence in terms of the following 3 types of errors (James 1998):
 - Addition/ omission/ misformation





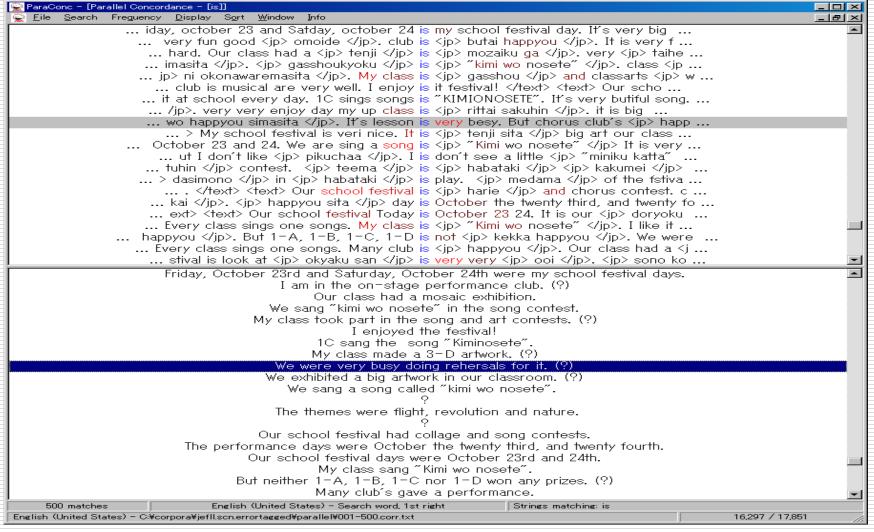
Parallel concordancing







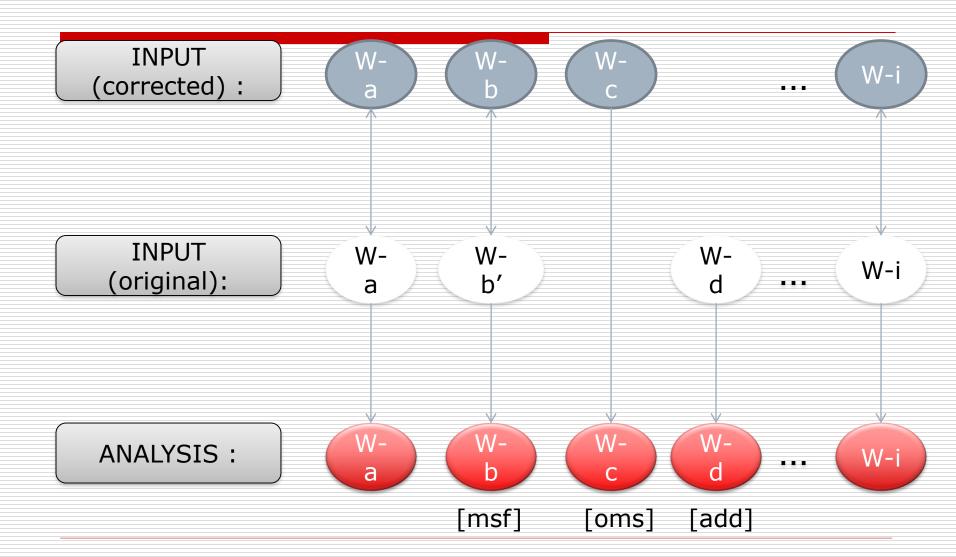
Errors involved in copula "be"















Automatic identification of learner errors

The first reason is every member of my family is busy in t

first reason is every my family is busy in the morning

<oms>The</oms> <oms>member</oms> <oms>of</oms>

 Looking at n-grams for maximum match and analyse t unmatched elements:





Automatic identification: output

T: My mother cooks very well ← corrected sentence

O: mother is cook very well ← original sentence

A: <oms>My</oms> mother <add>is</add>
cook[*]:msf very well ← identifying differences

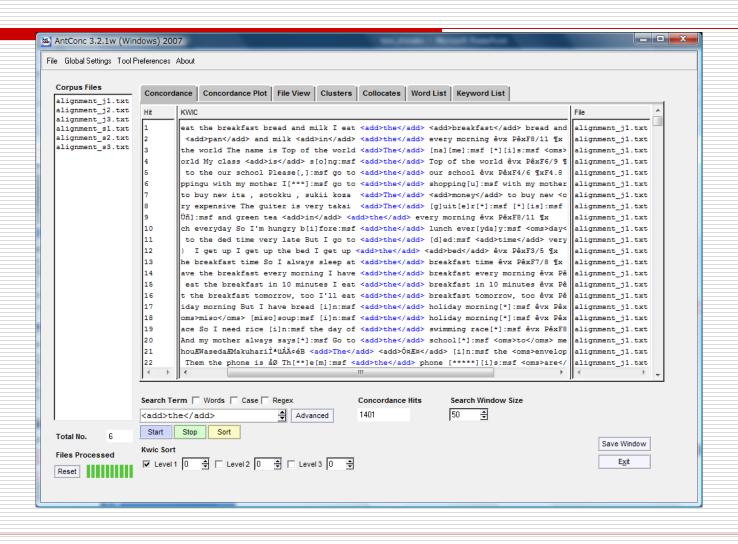
- ☐ Correspondence ratio:
 - Word level: 3/5
 - Character level: 3.80/5(76%)

Notes: T = target; O = original; A = analysis





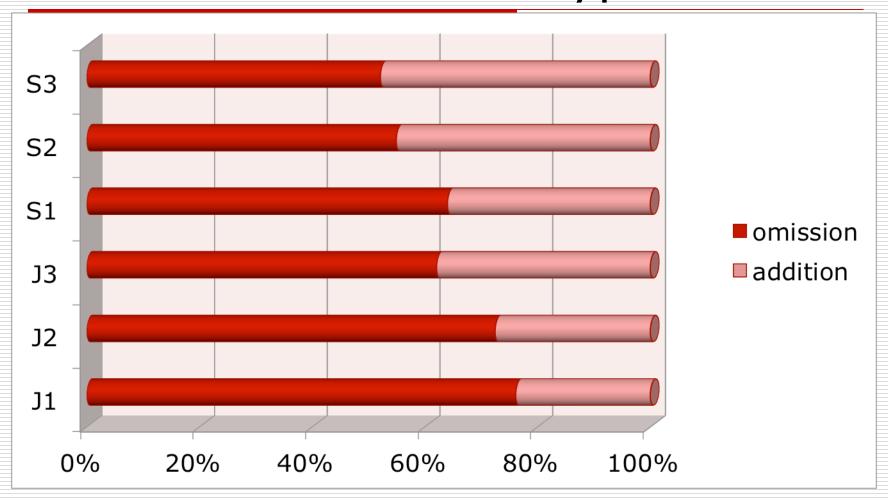
Looking for criterial features







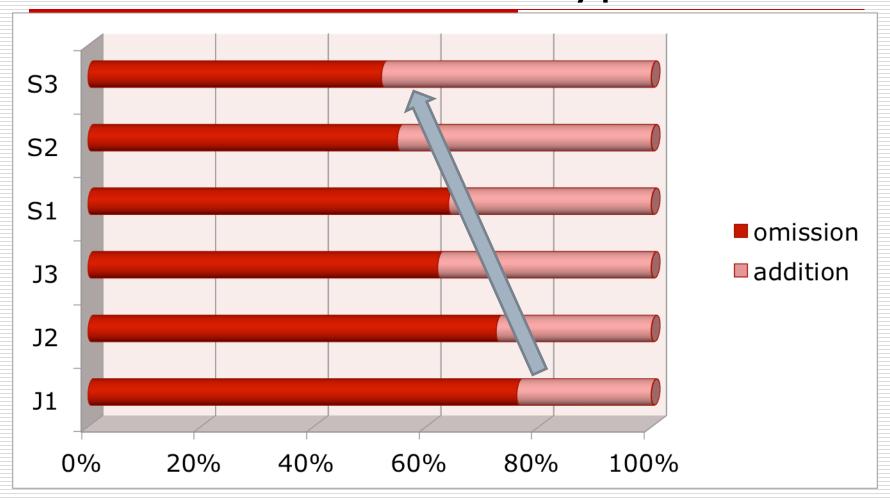
Distributions of error types







Distributions of error types

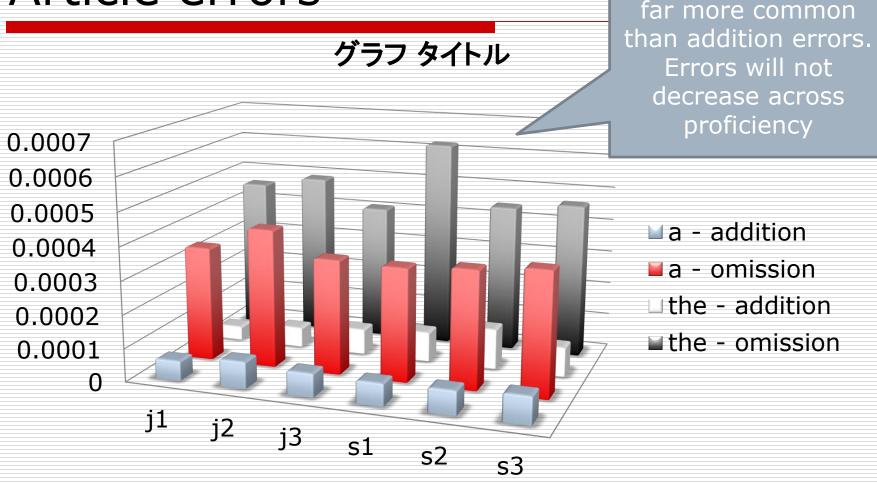






Omission errors are





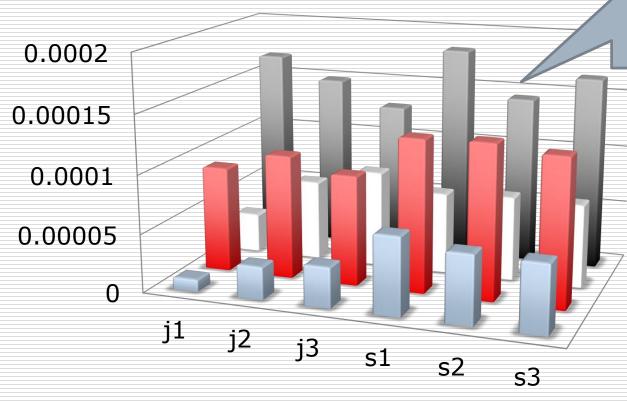
Omission errors are significantly more frequent than addition errors.





Preposition errors (to/of)





More nominalization at advanced level, which increases the number of "of-addition/omission" errors

- ⊌of addition
- of omission
- □ to addition
- to omission

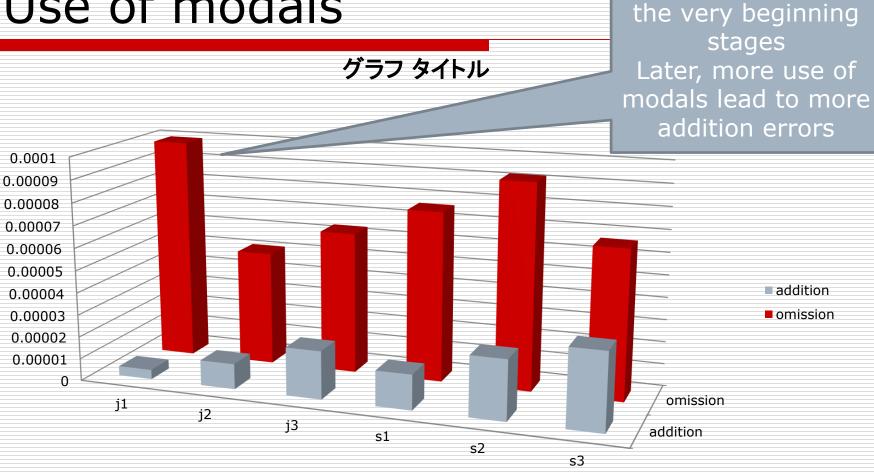






Marked omissions at

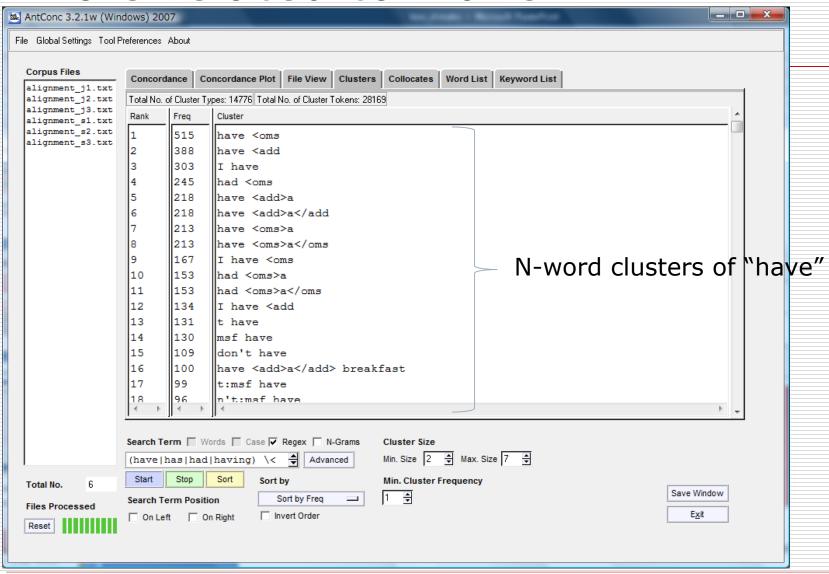








Errors related to 'have'







Errors related to 'have'

- ☐ The n. of article additions (218) is almost the same as that of omissions (213):
 - "have a ..." forms an unanalyzed chunk
 - "have *a breakfast"/ "have *a time to ..."
- ☐ Also the negation errors are very frequent:

T: So I don't have time to eat breakfast

O: So I have n't time to eat breakfast

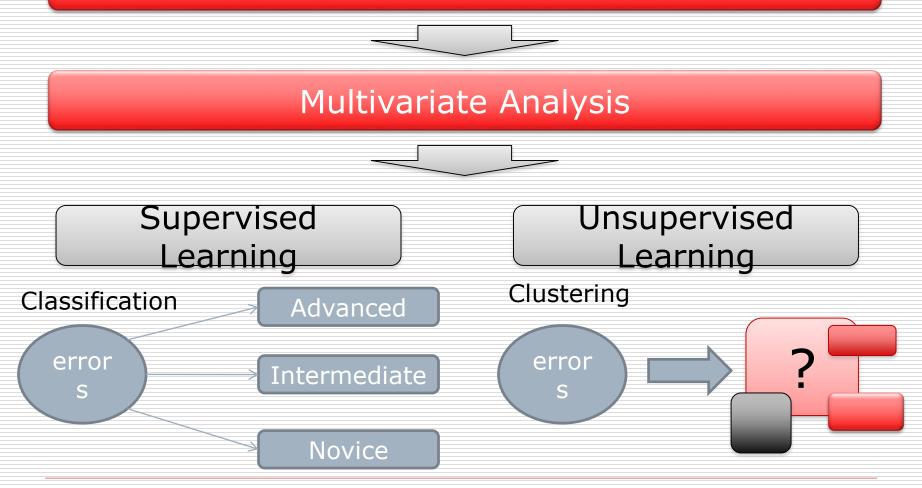
A: So I <oms>don't</oms> have <add>n't</add> time to eat breakfast





Supervised vs. unsupervised learning

Automatic extraction of error patterns from LC







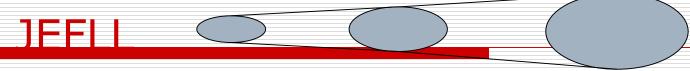
New project: ICCI

- ☐ International Corpus of Crosslinguistic Interlanguage
- □ TUFS Global-COE Projects (5-year governmentfunded project)
- Aims: compiling corpora of young learners of English, comparable to JEFLL
- ☐ 7 countries (China; Taiwan; Israel; Spain; Poland; Austria; Singapore) at the moment
- Looking for more partner countries





ICCI: Comparable English learner corpora



- beginning intermediate levels
- JH1 (year 7) SH3 (year 12)
- 10,000 subjects; 670,000 words

