# Grammatical Features based largely on Goddard (2005) Chapter 4.

Francis Bond

2024

 Francis Bond
 Grammar
 2024
 1 / 71

#### Outline

- Classifiers
- 2 Aspect
- Serial Verbs
- Subject and Topic
- 5 Sentence Final Particals (SFP)



 Francis Bond
 Grammar
 2024
 2 / 71

#### Outline

- Classifiers
- 2 Aspect
- Serial Verbs
- 4 Subject and Topic
- 5 Sentence Final Particals (SFP)



Francis Bond Grammar 2024 3 / 71

#### What Are Classifiers?

- Classifiers categorize nouns based on salient properties.
- Found in noun phrases (NPs) with modifiers like quantifiers.
- Essential for grammaticality when quantifiers (e.g., numerals) are present.
- Classifiers categorize by physical, social, or functional traits.
- Used with numerals, vague quantifiers like "some", or even alone.

Francis Bond Grammar 2024 4/71

#### The Role of Classifiers in NPs

- Classifier slot required for quantifier NPs.
- Used with vague quantifiers like "many" and "some."
- Classifiers can appear with or without a noun.
- Classifier systems categorize referents based on properties like shape or function.
- In certain NPs, the classifier is mandatory for grammaticality.

 Francis Bond
 Grammar
 2024
 5/71

#### Classifier Phrases

- Classifier and quantifier form a grammatical sub-phrase.
- Quantifier and classifier appear adjacent to each other.
- Can sometimes occur alone without a noun.
- These classifier phrases are common across East and Southeast Asian languages.
- Example languages include Thai, Malaysian, and Mandarin.

Francis Bond Grammar 2024 6 / 71

# Examples: Thai and Malaysian

- Thai and Malaysian demonstrate similar classifier behaviors.
- Classifiers are used next to quantifiers.
- Classifier-quantifier pairs can occur without a noun in responses.
- Questions often require classifiers in these languages.
- (1) Mǎa kìi tua?
  dog how.many CL:animal
  'How many dogs?'
- (2) (Mǎa) sǎam tua.

  dog three CL:animal

  'Three (dogs).'

 Francis Bond
 Grammar
 2024
 7/71

# Examples: Malaysian

- Similar behavior with quantifiers and classifiers in Malaysian.
- Classifiers appear adjacent to quantifiers.
- Noun can be omitted in responses.
- (3) Berapa ekor anjing? how.many CL:animal dog 'How many dogs?'

(4) Tiga ekor (anjing). three CL:animal dog 'Three (dogs).'

 Francis Bond
 Grammar
 2024
 8 / 71

#### Sortal Classifiers

- sortal classifiers are the prototypical numeral classifiers
- they pick out salient features of the noun they classify kinds, that is, semantic classes shape (or size)
- general classifiers are used as follows:
  - for the residue of nouns yume-o 1-tu mita "I saw a dream"
  - as a default when no particular feature is salient hon-o chōdo 1-tu katta "I bought exactly one book"
  - for underspecified referents
     nantoka-ga 1-tu hoshii "I want one thingamajig"

(Bond and Paik, 2011)

Francis Bond Grammar 2024 9 / 71

# Measure (Mensural) vs. Sortal Classifier Constructions

- Measure constructions quantify "mass" substances (e.g., water, butter).
- Sortal constructions categorize countable items.
- Measure constructions refer to shape-based or container units.
- Sortal categorize objects based on properties like function or shape.
- Sortal systems apply broadly, while measure constructions are limited.

Francis Bond Grammar 2024 10 / 71

## **Examples of Measure Constructions**

- Measure constructions often use shape-based units.
- Examples: "two cups of water," "two grains of sand."
- Unit counter constructions group items (e.g., "two pairs of shoes").
- Measure constructions differ from classifiers structurally.
- (5) 二 杯 の 水 ni hai no mizu two CL.cup of water two cups of water

 Francis Bond
 Grammar
 2024
 11/71

# Unit Counter (Group) Constructions

- Used for collective or group items (e.g., "two pairs of shoes").
- Unit counters single out items from a larger set.
- Structurally similar to classifiers but serve different purposes.
- Examples include: "two pieces of furniture," "two bunches of bananas."
- Not so common in Japanese
- Very common in English and Thai

 Francis Bond
 Grammar
 2024
 12 / 71

### Repeater Constructions

- Nouns can act as their own classifier in repeater constructions.
- Common when no specific classifier exists.
- Often seen in languages like Thai and Lao.
- Repeater constructions fill the classifier slot with the noun itself.
- (6) Mii taw dòòk-maj cak taw? there.is vase flower how.many vase 'How many vases are there?'

 Francis Bond
 Grammar
 2024
 13 / 71

# Specialized Classifiers

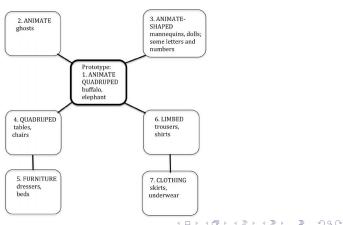
- Some languages, like Korean and Khmer, have specialized classifiers.
- These may be used for royalty, teachers, or monks.
- Classifiers categorize people by social status in some languages.
- (7) 何 名 様 ですか nan mei sama desu ka what CL.people.HON HON is Q How many people?
- (8) 三 人 です san nin desu three CL.people is

Three

Francis Bond Grammar 2024 14 / 71

# Prototype and Extensions in Classifiers

- Classifiers often exhibit polysemy (multiple related meanings).
- A central, or "prototype," meaning extends to other related uses.
- Example: That tua applies to animals but extends to furniture and clothing.



# Classifiers can indirectly count

```
(9) 2-<u>tsū</u>-no denshimēru (Japanese)
2-<u>tong</u>-ui imayl (Korean)
2-CL.message-of email
```

2 pieces of email

```
(10) 3-<u>tsū</u>-no tegami (Japanese)
3-<u>tong</u>-ui phyenci (Korean)
3-CL.message-of letter
```

(11) 3-<u>mai</u>-no tegami 3-<u>chang</u>-ui phyenci 3-CL.flat-of letter

{a 3 page letter/\*3 letters}

◆ロト ◆母 ト ◆ 豊 ト ◆ 豊 ・ り へ ご

Grammar

16 / 71

#### Conclusion

- Classifiers categorize nouns based on physical, social, or functional traits.
- Found widely in East and Southeast Asian languages.
- Classifier systems vary from general to highly specialized.
- Classifiers are essential to noun phrase structure in these languages.

Francis Bond Grammar 2024 17 / 71

#### Outline

- Classifiers
- 2 Aspect
- Serial Verbs
- 4 Subject and Topic
- 5 Sentence Final Particals (SFP)



Francis Bond Grammar 2024 18 / 71

## Aspect in East and Southeast Asian Languages

- Many East and Southeast Asian languages lack tense marking.
- Verbs are often marked for aspect instead of tense.
- Aspect marking can occur through suffixes, auxiliary verbs, or particles.
- Aspect focuses on the time structure of an event, not its time reference.
- Aspect can indicate whether an action is ongoing, completed, or habitual.

 Francis Bond
 Grammar
 2024
 19 / 71

# What is Aspect?

- Aspect refers to the temporal structure of events.
- Different from tense, which indicates time reference (past, present, future).
- Example: English progressive aspect shows ongoing action (e.g. "is talking").
- Many East and Southeast Asian languages mark aspect using various strategies.
- Common aspect categories include perfective, imperfective, progressive, and habitual.

 Francis Bond
 Grammar
 2024
 20 / 71

# Perfective vs. Imperfective Aspect

- Perfective aspect presents an event in its entirety.
- Imperfective aspect highlights the internal structure of an event.
- Imperfective can indicate ongoing (progressive), repeated (iterative), or habitual actions.
- Example: English progressive You are talking is imperfective.
- Perfective focuses on completion, while imperfective focuses on duration or repetition.

 Francis Bond
 Grammar
 2024
 21/71

# Types of Imperfective Aspect

Progressive Ongoing action She is running

Iterative Repeated actions The light is flashing

**Durative** Actions that take time *He was sitting* 

**Habitual** Regularly occurring actions *She runs every morning* 

Imperfective aspects provide detailed temporal structure.

 Francis Bond
 Grammar
 2024
 22 / 71

# Aspect in Sinitic Languages: Overview

- Aspect in Mandarin and Cantonese is marked using suffixes and particles.
- Different markers for perfective, progressive, continuous, and experiential aspects.
- Aspect marking is independent of tense (past, present, future).

Aspect Type	Mandarin		Cantonese	
Perfective	V-le	了	V-jo2	咗
Progressive	zai-V	在	V-gan2	緊
Continuous	V-zhe	着	V-jyuh6	住
Experiential	V-guo	过	V-gwo3	過
Delimitative	V-yī-V	_	V-haa5	吓
Habitual			V-hoi1	開

Table: Aspect markers in Mandarin and Cantonese

# Perfective Aspect in Mandarin

- Perfective *le* indicates a completed action.
- Used in various contexts: past, future, or conditional events.
- Example: Conditional use of *le* in a future event.
- (12) Tā kāi-le mén, nǐ jiu jîn-qu.
   3sg open-perf door 2sg then enter-go
   (Once) she opens the door, you go in.

◄□▶◀圖▶◀불▶◀불▶ 불 쒸٩€

Francis Bond Grammar 2024 24 / 71

# Perfective Aspect in Mandarin (continued)

- Perfective *le* can mark completion in different contexts.
- Can occur with specific objects, durations, or numbers of actions.
- Example: Perfective aspect with a stative verb (tall) and quantifier (a little).
- (13) *Ni găo-<u>le</u> yīdiăn.*2sg tall-perf a.little
  You've got taller (a little).

 Francis Bond
 Grammar
 2024
 25 / 71

# **Examples of Imperfective Aspects**

(14) Wòhng síujé góng-gán dihnwá. Wong miss talk-prog telephone Miss Wong is talking on the phone.

(15) Léih hái Hēunggóng jyuh-gwo géi loih a? you in Hong Kong live-exp how long How long did you live in Hong Kong?

◆ロト ◆個ト ◆差ト ◆差ト を めるの

Francis Bond Grammar 2024 26 / 71

# Cantonese: Habitual Aspect

- Habitual aspect  $h\bar{o}i$  marks regular or customary actions.
- Example: Habitual actions in present or past tense.
- (16) Kéuih jouh-hōi jūngdim ge. she work-hab part.time prt 'She normally works part-time.'

(17) Kéuih yíhchìhn jā-hōi Bēnsí ge. she before drive-hab Benz prt 'She used to drive a Mercedes.'

◆ロト ◆団 ト ◆ 恵 ト ◆ 恵 ・ 釣 へ ○

Francis Bond Grammar 2024 27 / 71

# Delimitative Aspect in Cantonese

- Delimitative háh indicates doing something "for a while."
- Often rendered as "have a V" in English.
- Example: "Have a look" or "have a walk."
- (18) *Tái-<u>háh.</u>* look-del

  Have a look.

(19) Yāusīk-<u>háh.</u> rest-del Have a rest.

 Francis Bond
 Grammar
 2024
 28 / 71

# Aspect Marking in Malaysian

- Aspect in Malaysian is marked by separate words before the verb.
- Sudah (perfective) and sedang (progressive) are common markers.
- Perfective *sudah* indicates completion, used for past or future events.
- Sedang marks ongoing action, similar to the progressive in other languages.

 Francis Bond
 Grammar
 2024
 29 / 71

# **Examples of Malaysian Aspect**

(20) Saya pun sudah beritahu juga semalam.
I focus perf tell also yesterday
I already told (you) yesterday.

(21) Bila saya masuk, dia <u>sedang</u> membaca.
when I enter he prog read

When I came in, he was reading.

4 □ ト 4 @ ト 4 速 ト 4 速 ト 9 へ 6

 Francis Bond
 Grammar
 2024
 30 / 71

# Use in Singlish

This is carried over into Singapore Colloquial English (Singlish)

habitual: alwaysperfect: alreadyprogressive: still

(22) Eat already? "Have you eaten"

(23) Eat before class "I ate before class"

(24) He <u>always</u> late one. "He is habitually late"

(25) Your phone still spoil ah? "Your phone is still broken?"

4 □ > 4 □ > 4 □ > 4 □ > 4 □ > 4 □ > 4 □ > □

# Conclusion on Aspect in East and Southeast Asian Languages

- Aspect marking is diverse across languages, with a variety of methods.
- Suffixes, particles, and separate words are used to indicate aspect.
- Common aspect categories include perfective, progressive, habitual, and delimitative.
- Each language has unique strategies for expressing temporal structure.

 Francis Bond
 Grammar
 2024
 32 / 71

#### Outline

- Classifiers
- 2 Aspect
- Serial Verbs
- 4 Subject and Topic
- 5 Sentence Final Particals (SFP)



 Francis Bond
 Grammar
 2024
 33 / 71

#### Introduction to Serial Verb Constructions

- Serial verb constructions (SVCs) involve two or more verbs in a single clause.
- No conjunctions are used between the verbs.
- All verbs share the same grammatical subject.
- Common in East and Southeast Asian languages.
- Serial verb constructions serve various grammatical functions.

 Francis Bond
 Grammar
 2024
 34 / 71

## Loose vs. Tight Serialization

- Loose serialization: Verbs are loosely connected, depicting sequences of events.
- Tight serialization: Verbs are tightly connected, representing a single event.
- In loose serialization, verbs may have independent arguments.
- Tight serialization often involves motion or posture verbs.
- Cultural factors can affect acceptability of tight serialization.

 Francis Bond
 Grammar
 2024
 35 / 71

# Example of Loose Serialization (Lao)

- Loose serialization in Lao:
- (26)  $D\grave{e}\grave{e}ng \ paj^3 \ talaat^5 \ s\grave{u}\grave{u}^4 \ kh\grave{u}ang^1 \ maa^2 \ h\grave{u}an^2 \ l\grave{e}\grave{e}w^4$ . Deng go market buy stuff come house perf Deng went to the market, bought some stuff, (and) came home.

- Verbs describe sequential actions.
- Perfective aspect marker applies to the entire sequence.

Francis Bond Grammar 2024 36 / 71

# Example of Tight Serialization (Thai)

• Tight serialization in Thai:

(27) Dèk wîng pay síi khanôm. child run go buy candy
The child ran (and) bought candy.

- Verbs depict a single unitary event.
- Verbs share the same subject and object.

Francis Bond Grammar 2024 37 / 71

## Cultural Factors in Tight Serialization

- Cultural norms influence acceptability of verb combinations.
- Example: Playing musical instruments in Lao.
- (28)  $nang^1 tii^3 lanaat^4$ . sit beat lanaat Play the lanaat sitting.
- (29)  $n \grave{o} \grave{o} n^2 tii^3$  lanaat<sup>4</sup>. lie beat lanaat Play the lanaat lying down.

- Playing the lanaat lying down is culturally unexpected.
- Context can make such constructions acceptable.

Francis Bond Grammar 2024 38 / 71

# Serial Verbs and Directional Verbs (Thai)

- Verbs like 'go' and 'come' often indicate direction in serial verb constructions.
- These directional verbs function similarly to adverbs.
- Example from Thai:
- (30) Khảw klàp maa l $\varepsilon \dot{\varepsilon} w$ . 3sg return hither(come) perf 'She came back already.'

(31) Khǎw klàp pay lεέw.
3sg return away(go) perf
'She went back already.'

4 D F 4 A F F A F F F 9 9 0

 Francis Bond
 Grammar
 2024
 39 / 71

#### Three-Verb Serialization in Lao

- Serial verb constructions can include three verbs.
- First verb: manner of motion.
- Second verb: absolute direction (e.g., 'up', 'down').
- Third verb: direction relative to the speaker (e.g., 'come', 'go').
- (32) Laaw2 ñaang1 khùn5 maa2. 3sg walk go.up come 'She walked up here.'

 Francis Bond
 Grammar
 2024
 40 / 71

#### Verb-Prepositions in Serial Constructions

- Certain verbs take on grammatical functions similar to prepositions.
- Verbs like 'give', 'use', 'go' mark arguments such as beneficiaries or instruments.
- Example from Lao: haj5 'give' functions as 'for' .
- (33) Laaw2 nùng1 khaw5 haj5 khòòj5.

  3sg steam rice give(=for) 1sg

  He steamed some rice for me.

←□ → ←□ → ← □ → ← □ → へ○

Francis Bond Grammar 2024 41/71

# Comitative Use of Serial Verbs (Lao)

- Comitative 'with' often expressed using a serial verb construction.
- Example from Lao:
- (34) Khan2 haw2 juu1 nam2 mèè1-thaw5. if we live accompany(=with) mother-old lf we live with your mother.'

• Verb 'accompany' acts like a preposition meaning 'with' .

 Francis Bond
 Grammar
 2024
 42 / 71

# Serial Verbs in Vietnamese and Hmong

- Verb serialization marks locutionary topics in some languages.
- Example from Vietnamese: 'arrive' used for topics.
- (35) Chmng tình@c d-Tn anh lu«n.
  pl 1(excl.) recall arrive(=about) brother

  'We often speak about you.'

◆ロト ◆個ト ◆差ト ◆差ト を めるの

Francis Bond Grammar 2024 43 / 71

## Serial Verbs form a cline in Japanese

- Some serial verbs are completely lexicalized
  - 取り締まる *torishimaru* "manage (lit: take-squeeze)"
- Some serial verbs are almost aspectual (like English particle verbs)
  - 食べあげる tabe-ageru "eat up (lit: eat rise)"
  - 歩きだす *aruki-dasu* "begin to walk/walk out (lit: walk leave)"
- Some serial verbs are completely syntactic
  - 食べおわる tabe-owaru "finish eating (lit: eat finish)"
  - 歩きはじめる *aruki-hajimeru* "start walking (lit: walk start)"
- ! Arguments can be transferred (in certani cases)
  - 大阪を食べ歩く osaka-wo tabe-aruku "stroll around Osaka eating (lit: Osaka walk eat)"
  - 寿司を食べ歩く *sushi-wo tabe-aruku* "stroll around eating sushi (lit: sushi walk eat)"

(Hashimoto and Bond, 2005)

Francis Bond Grammar 2024 44 / 71

# Summary of Serial Verb Constructions

- Serial verb constructions involve multiple verbs sharing a subject.
- They are common in East and Southeast Asian languages.
- They can express sequences, direction, beneficiary roles, and more.
- Loose serialization refers to sequences of events.
- Tight serialization depicts a single, unified event.

 Francis Bond
 Grammar
 2024
 45 / 71

#### Outline

- Classifiers
- 2 Aspect
- Serial Verbs
- Subject and Topic
- 5 Sentence Final Particals (SFP)



 Francis Bond
 Grammar
 2024
 46 / 71

### What is a Subject?

- NP preceding the verb holds a privileged position.
- English examples:
- (36) <u>I</u> go
- (37) <u>He</u> goes.
- (38) She seems happy.
  - Distinction of pronouns: \*I\* vs. \*me\*, \*they\* vs. \*them\*.
  - Subject impacts verb agreement, e.g., -s in present tense.
  - Subjects can be agents, patients, experiencers, etc.

## Subject in Other Languages

- Subject agreement in European languages.
- Case marking systems indicate subject (nominative).
- Verbs agree with subjects in person and number.
- Passive constructions highlight subjects:
- (39) Maxine was elected.
  - Traditional view: Subjects are universal in human languages.

 Francis Bond
 Grammar
 2024
 48 / 71

### Introduction to Topic

- Topics define what the sentence is "about."
- Topics often overlap with subjects in English.
- (40) Cats eat mice (topic = cats).
  - In many Asian languages, topic and subject diverge.
  - Topic prominence is perhaps more important than subject prominence in East Asian languages.

Francis Bond Grammar 2024 49 / 71

## Topic Prominence: Thai

- Flexible word order: OSV, SOV common in Thai.
- Example of OSV:

#### Example

Pàakphanang khâaw raw kin ngâay.

Pakphanang rice we eat simple

(In) Pakphanang, we ate simply.

- Thai is typically SVO but informal sentences deviate.
- Widespread subject ellipsis in informal contexts.
- Pragmatic ordering of sentences.

Francis Bond Grammar 2024 50 / 71

## Topic Prominence: Mandarin

- Topics always appear sentence-initially.
- Example of topicalized object:

#### Example

Zhāngsān wǒ yǐjīng jiàn-guo le.

Zhangsan I already see-exp crs

Zhangsan, I've already seen (him).

- Subject ellipsis possible when context is clear.
- Time and locative phrases often function as topics.
- Example: In Taipei, one can eat well.

 Francis Bond
 Grammar
 2024
 51/71

## Topic vs. Subject in Mandarin

- Flexible topic-comment structure.
- Double-subject construction in Mandarin.
- Example:

#### Example

Xiàng bízi cháng. elephant nose long

'Elephants, (their) noses are long.'

- Topic sets the frame for comment on the subject.
- The topic-comment structure is common and unmarked.

Francis Bond Grammar 2024 52 / 71

### Topic and Subject in Japanese

- wa marks topics, ga marks subjects.
- Example of wa/ga distinction:
- (41) hi wa nobor-u.
  sun top rise-pres
  The sun rises (general)
- (42) hi ga nobor-u. sun top rise-pres
  The sun is rising (specific)
  - wa used in contrastive and generic statements.
  - ga indicates a focus on the event as a whole.
  - Adverbial topics: time/place phrases marked by wa (or unmarked)

Francis Bond Grammar 2024 53 / 71

### Tagalog Trigger System

- Tagalog has a flexible trigger system.
- Trigger denotes definiteness and is marked on verbs.
- Example of Actor Trigger (AT):

#### Example

Mag-aalis ang bata ng laruan sa kahon. at-will.take.out trig child pat toy dir box

'The child will take a toy out of the box.'

- Verb affixes indicate the role of the trigger NP.
- The system challenges traditional subject/topic definitions.

 Francis Bond
 Grammar
 2024
 54 / 71

# Actor vs. Undergoer in Acehnese

- Acehnese verbs take person-marking prefixes or suffixes.
- Prefixes for actors, suffixes for undergoers.
- Example of Actor:

#### Example

Geu-jak.

3-go

'He/she goes.'

Example of Undergoer:

#### Example

Lôn rhët-lôn.

1sg fall-1sg

'I fall.'

Acehnese highlights actor/undergoer, not subject/object.

Francis Bond Grammar 2024 55 / 71

## Summary: Subject and Topic

- Subject prominence is common in European languages.
- Topic prominence is more evident in East Asian languages.
- Topic and subject do not always align.
- Languages like Tagalog and Acehnese challenge traditional subject concepts.
- Ongoing debates in linguistics about the universality of subjects.

 Francis Bond
 Grammar
 2024
 56 / 71

#### Outline

- Classifiers
- 2 Aspect
- Serial Verbs
- 4 Subject and Topic
- 5 Sentence Final Particals (SFP)



 Francis Bond
 Grammar
 2024
 57 / 71

## Illocutionary Particles Overview

- Express speaker's immediate emotions, thoughts, desires.
- Common in Southeast Asian languages.
- Often sentence-final.
- Speech acts: requesting, questioning, persuading.
- Express emotional responses: surprise, doubt, hesitation.

 Francis Bond
 Grammar
 2024
 58 / 71

#### Cantonese Sentence-Final Particles

- Cantonese has over 30 basic particles.
- More than 100 particle combinations.
- Particles add subtle nuances to meaning.
- Function like English intonation but more explicit.
- Rich particle usage typical of Southeast Asian languages.

Francis Bond Grammar 2024 59 / 71

# **Examples of Cantonese Particles**

Particle		Meaning
呀	ā	lively statement, question
呀	áh	seeking confirmation
噏	ak	abrupt disagreement
啦	Ιā	requesting, seeking agreement
囉	lo	emphasizing current situation
咩	mē	expressing surprise
喎	wo	informative, noteworthy
噃	bo	exclamatory
喇	la	current relevance, advice
咋	ja	cheeky, intimate

Francis Bond Grammar 2024 60 / 71

## Examples of Cantonese Particles in Questions

- áh: surprise or disapproval.
- há: presupposing agreement.
- $m\bar{e}$ : surprise, often in rhetorical questions.

#### Example

```
Léih gú gam yúhngyih áh?
you guess so easy prt
```

'You think it's that easy, do you?'

 Francis Bond
 Grammar
 2024
 61/71

#### **Directive Particles**

- *la*: emphasizes a point of current relevance.
- lo: invites agreement or cooperation.
- Example sentences:

#### Example

Taai chóuh la, ngóh fan mìh dóu. too noisy prt I sleep not prt

I can't sleep, it's too noisy.

#### Example

Gám jauh dāk lo. so then okay prt

'That'll be all right, won't it?'

### Particles in Everyday Use

- Particles appear very frequently in Cantonese speech.
- Average occurrence: every 1.5 seconds in conversation.
- Similar usage in Thai, Lao, and Vietnamese.
- Less frequent in formal settings or written texts.
- Frequency decreases in scientific or historical writing.

Francis Bond Grammar 2024 63 / 71

#### Mandarin Sentence-Final Particles

- Mandarin has a smaller set of particles than Cantonese.
- Seven common particles in Mandarin.
- Example: ma (question), ba (suggestion), ne (emphasis).
- Particles are typical of informal, conversational settings.
- Estimated frequency: every six seconds in speech.

Francis Bond Grammar 2024 64 / 71

# **Examples of Mandarin Particles**

# Example

Ni xihuan chī ma? you like eat prt

'Do you like to eat?'

### Example

Wŏmen qù ba.

we go prt

'Let's go.'

### Example

Tā ne? he prt

## These are also common in Singlish I

- (43) You must go <u>lah</u>. "You must go, okay?"
- (44) I already said <u>lor</u>. "I already told you, see?"
- (45) We're about to go already. Your friend leh¹? "We're about to go already. What about your friend" (question)
- (46) Eh, don't like that leh<sup>3</sup>. We need you here to play mahjong. "Don't be like that. We need you here to play mahjong." (persuasive)

<ロ > < 個 > < 重 > < 重 > 重 ● の Q で

 Francis Bond
 Grammar
 2024
 66 / 71

## These are also common in Singlish II

(47) This one easy mah. "This one is easy, you know?"

(48) You sure can do it meh? "Are you really sure you can do it?"

(49) Don't blame me what. "It's not my fault, you know?"

(50) She always like that <u>one</u>. "She's always like that, you know?"

(Chow et al., 2024)

4 □ ト 4 @ ト 4 速 ト 4 速 ト 9 へ 6

 Francis Bond
 Grammar
 2024
 67 / 71

## Conclusion: Importance of Particles

- Particles convey subtle shades of meaning in speech.
- Express emotions, intentions, and social cues.
- Different languages utilize particles with varying frequencies.
- Illocutionary particles are an areal feature of Southeast Asia.
- Essential in mastering conversational fluency in these languages.

Francis Bond Grammar 2024 68 / 71

#### Conclusions

- SEA languages have many features not found in Indo-European languages
- They package up meaning in different ways



Francis Bond Grammar 2024 69 / 71

#### References I

- Francis Bond and Kyonghee Paik. 1997. Classifying correspondence in Japanese and Korean. In 3rd Pacific Association for Computational Linguistics Conference: PACLING-97, pages 58-67. Meisei University, Tokyo, Japan.
- Francis Bond and Kyonghee Paik. 2011. Sortal classifiers in Japanese and Korean. In Aesun Yoon and Eunryoung Lee, editors, Recent Trends in Language and Knowledge Processing. Hankukmunwhasa, Seoul.
- Siew Yeng Chow, Chang-Uk Shin, and Francis Bond. 2024. This word mean what: Constructing a Singlish dictionary with ChatGPT. In Atul Kr. Ojha, Sina Ahmadi, Silvie Cinková, Theodorus Fransen, Chao-Hong Liu, and John P. McCrae, editors, *Proceedings of the 2nd* Workshop on Resources and Technologies for Indigenous, Endangered and Lesser-resourced Languages in Eurasia (EURALI) @ LREC-COLING 2024, pages 41-50. ELRA and ICCL, Torino, Italia. URL https://aclanthology.org/2024.eurali-1.7.

70 / 71

#### References II

Chikara Hashimoto and Francis Bond. 2005. A computational treatment of V-V compounds in Japanese. In *Proceedings of the 12th International Conference on HPSG*, pages 143–156. URL http://cslipublications.stanford.edu/HPSG/6/abstr-hb.shtml.

Francis Bond Grammar 2024 71/71