

A Comparative Study of Vocabulary Size, Variation and Difficulty

Between Junior High School Textbooks in Japan and
China

Subjects

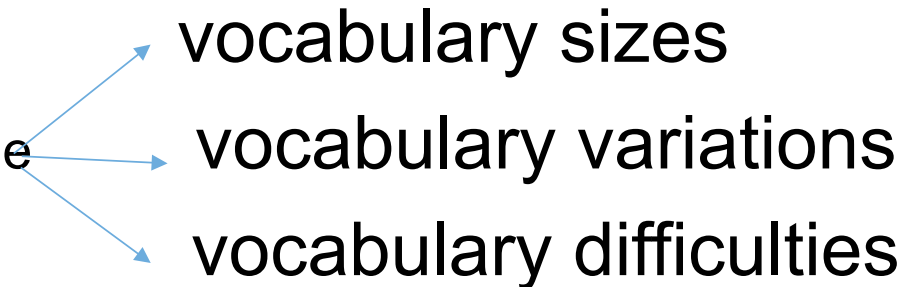
- **Japan:**

New Horizon

- **China:**

Textbooks for Compulsory Education of English (TCEE)

Research Questions

- Are there any differences in the  **vocabulary sizes**
- **vocabulary variations** in TCEE and NH?
- **vocabulary difficulties**
- Do TCEE and New Horizon cover all the basic words (A1 level words of CEFR-J?)

Methods

- Antconc → vocabulary sizes
- Text Content Analysis Tool → STTR
- Range → vocabulary difficulty
- Coverage of CEFR-J A1 level words

Results & Discussions

| | Type | | Token | |
|----------|------|----------------|-------|----------------|
| | TCEE | New Horizon | TCEE | New Horizon |
| Grade1 | 1096 | 961 | 17574 | 7461 |
| Grade2 | 1713 | 1322 | 31240 | 9745 |
| Grade3 | 1930 | 1628 | 27654 | 12458 |
| In total | 2636 | 2350 | 76468 | 29664 |

- *Table 1. Types and Tokens in Each textbook*

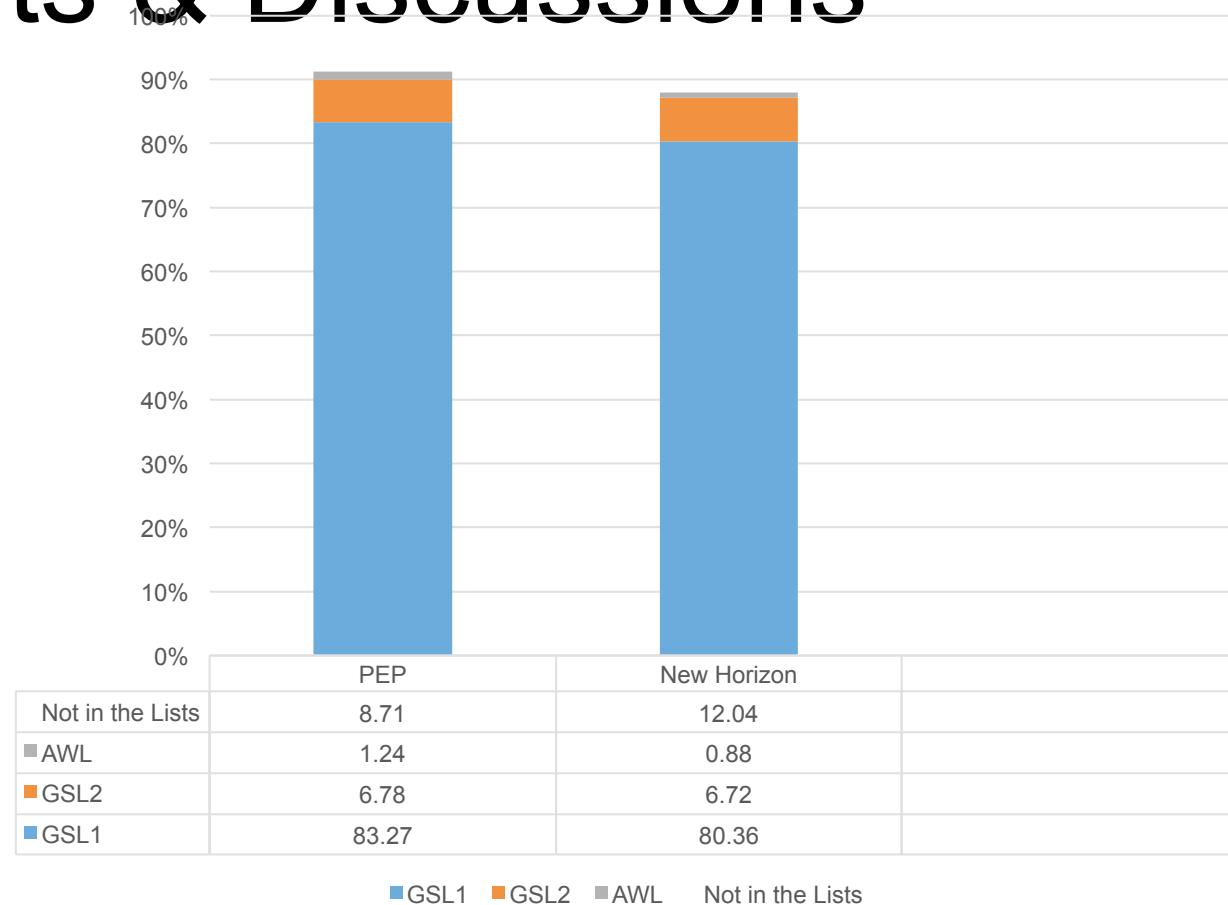
Results & Discussions

| | TCEE | New Horizon |
|-----|--------|-------------|
| STT | 35.01% | 38.34% |

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- *Table 2. STTR of each textbook*

Results & Discussions



- *Figure 1. Vocabulary Difficulties in TCEE and New Horizon*

Results & Discussions

- 100 words are not found in TCEE
- 200 words are not found in New Horizon

| Part of Speech | Example |
|----------------|---|
| Concrete Noun | bank, bell, biscuit, clothes, pants, topic, waiter... |
| Abstract Noun | action, healthy, favorite/favourite, moment... |
| Adjective | boring, exciting, foggy, true, flat... |
| Verb | breathe, introduce, judge, pay, underline... |
| Pronoun | everybody, these, those... |
| etc. | |

7 or TCEE

THANK YOU
FOR YOUR ATTENTION