

Workshop 5

- Participants practice analysis of 10 combinations of Tone 3 and Tone 4 in disyllabic words
- Participants record their readings and compare pitch curves
- Participants

Material: Headphones

Recordings of native speakers

Workshop ppt

Worksheet 5.1

Worksheet 5.2

No.	Time	Content
1	before the workshop	<ul style="list-style-type: none"> - Start computers for the participants - Set up video camera - Open ppt for the workshop
2	2mins	- Settle down the participants
3	20mins	- Ask the participants to record, analyze, compare, and re-record ‘xǐ huān’, ‘wǎn xiá’, ‘zǒng tǒng’, ‘shǔ xiàng’ and ‘zhǎ ba’ with help of Worksheet 5.1
4	20mins	- Ask the participants to record, analyze, compare, and re-record ‘xià tiān’ ‘shàn cháng’, ‘huò xǔ’, ‘dòng dàng’ and ‘wèi zhi’ with help of Worksheet 5.2
5	5mins	<ul style="list-style-type: none"> - Introduce the online self-learning session - Demonstrate how to access speech data in the Mandarin spoken corpus: Visit https://corpus.eduhk.hk/mandarin_pronunciation/?page_id=7 > ‘Visit our spoken corpus’ > ‘Browse’ > Choose a speaker randomly and click ‘Task 1 & 2 Reading’ > Download speaker’s reading of Task 1 and 2 - Demonstrate how to cut sounds from a long sound file: Open the sound file in Praat > Listen to the sounds by pressing ‘Tab’ > Select the sounds you want > Click ‘File’ > ‘Extract selected sound (time from 0)’ - Demonstrate how to take a screenshot of the tone analysis interface: Press ‘Ctrl + Prt Sc’ on keyboard > Paste to word file
6	2mins	Collect worksheets

Worksheet 5.1

Name: _____

1a. Please perform tone analysis of 'xǐ huān' read by the native Mandarin speaker

Pinyin:	xǐ	huān
Duration		
Pitch Level		
Pitch Range		

1b. Please perform tone analysis of your own reading of 'xǐ huān'

1c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	xǐ	huān
Duration		
Pitch Level		
Pitch Range		
Reflection		

1d. Please perform tone analysis of your second reading of 'xǐ huān'

1e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	xǐ	huān
Duration		
Pitch Level		
Pitch Range		
Reflection		

2a. Please perform tone analysis of ‘wǎn xiá’ read by the native Mandarin speaker

Pinyin:	wǎn	xiá
Duration		
Pitch Level		
Pitch Range		

2b. Please perform tone analysis of your own reading of ‘wǎn xiá’

2c. Please compare your measurements with those of native speaker’s and write down the differences as reflection

Pinyin:	wǎn	xiá
Duration		
Pitch Level		
Pitch Range		
Reflection		

2d. Please perform tone analysis of your second reading of ‘wǎn xiá’

2e. Please compare your measurements with the first time and native speaker’s data, and write down the differences as reflection

Pinyin:	wǎn	xiá
Duration		
Pitch Level		
Pitch Range		
Reflection		

3a. Please perform tone analysis of 'zǒng tǒng' read by the native Mandarin speaker

Pinyin:	zǒng	tǒng
Duration		
Pitch Level		
Pitch Range		

3b. Please perform tone analysis of your own reading of 'zǒng tǒng'

3c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	zǒng	tǒng
Duration		
Pitch Level		
Pitch Range		
Reflection		

3d. Please perform tone analysis of your second reading of 'zǒng tǒng'

3e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	zǒng	tǒng
Duration		
Pitch Level		
Pitch Range		
Reflection		

4a. Please perform tone analysis of 'shǔ xiàng' read by the native Mandarin speaker

Pinyin:	shǔ	xiàng
Duration		
Pitch Level		
Pitch Range		

4b. Please perform tone analysis of your own reading of 'shǔ xiàng'

4c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	shǔ	xiàng
Duration		
Pitch Level		
Pitch Range		
Reflection		

4d. Please perform tone analysis of your second reading of 'shǔ xiàng'

4e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	shǔ	xiàng
Duration		
Pitch Level		
Pitch Range		
Reflection		

5a. Please perform tone analysis of 'zhǎ ba' read by the native Mandarin speaker

Pinyin:	zhǎ	ba
Duration		
Pitch Level		
Pitch Range		

5b. Please perform tone analysis of your own reading of 'bāo zi'

5c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	zhǎ	ba
Duration		
Pitch Level		
Pitch Range		
Reflection		

5d. Please perform tone analysis of your second reading of 'bāo zi'

5e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	zhǎ	ba
Duration		
Pitch Level		
Pitch Range		
Reflection		

https://corpus.eduhk.hk/mandarin_pronunciation/

Worksheet 5.2

Name: _____

1a. Please perform tone analysis of 'xià tiān' read by the native Mandarin speaker

Pinyin:	xià	tiān
Duration		
Pitch Level		
Pitch Range		

1b. Please perform tone analysis of your own reading of 'xià tiān'

1c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	xià	tiān
Duration		
Pitch Level		
Pitch Range		
Reflection		

1d. Please perform tone analysis of your second reading of 'xià tiān'

1e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	xià	tiān
Duration		
Pitch Level		
Pitch Range		
Reflection		

2a. Please perform tone analysis of 'shàn cháng' read by the native Mandarin speaker

Pinyin:	shàn	cháng
Duration		
Pitch Level		
Pitch Range		

2b. Please perform tone analysis of your own reading of 'shàn cháng'

2c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	shàn	cháng
Duration		
Pitch Level		
Pitch Range		
Reflection		

2d. Please perform tone analysis of your second reading of 'shàn cháng'

2e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	shàn	cháng
Duration		
Pitch Level		
Pitch Range		
Reflection		

3a. Please perform tone analysis of ‘huò xǔ’ read by the native Mandarin speaker

Pinyin:	huò	xǔ
Duration		
Pitch Level		
Pitch Range		

3b. Please perform tone analysis of your own reading of ‘huò xǔ’

3c. Please compare your measurements with those of native speaker’s and write down the differences as reflection

Pinyin:	huò	xǔ
Duration		
Pitch Level		
Pitch Range		
Reflection		

3d. Please perform tone analysis of your second reading of ‘huò xǔ’

3e. Please compare your measurements with the first time and native speaker’s data, and write down the differences as reflection

Pinyin:	huò	xǔ
Duration		
Pitch Level		
Pitch Range		
Reflection		

4a. Please perform tone analysis of ‘dòng dàng’ read by the native Mandarin speaker

Pinyin:	dòng	dàng
Duration		
Pitch Level		
Pitch Range		

4b. Please perform tone analysis of your own reading of ‘dòng dàng’

4c. Please compare your measurements with those of native speaker’s and write down the differences as reflection

Pinyin:	dòng	dàng
Duration		
Pitch Level		
Pitch Range		
Reflection		

4d. Please perform tone analysis of your second reading of ‘dòng dàng’

4e. Please compare your measurements with the first time and native speaker’s data, and write down the differences as reflection

Pinyin:	dòng	dàng
Duration		
Pitch Level		
Pitch Range		
Reflection		

https://corpus.eduhk.hk/mandarin_pronunciation/

5a. Please perform tone analysis of 'wèi zhi' read by the native Mandarin speaker

Pinyin:	wèi	zhi
Duration		
Pitch Level		
Pitch Range		

5b. Please perform tone analysis of your own reading of 'wèi zhi'

5c. Please compare your measurements with those of native speaker's and write down the differences as reflection

Pinyin:	wèi	zhi
Duration		
Pitch Level		
Pitch Range		
Reflection		

5d. Please perform tone analysis of your second reading of 'wèi zhi'

5e. Please compare your measurements with the first time and native speaker's data, and write down the differences as reflection

Pinyin:	wèi	zhi
Duration		
Pitch Level		
Pitch Range		
Reflection		

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