Workshop 2

Tone analysis and practice of Tone 1 and Tone 2

Preparation

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

▶ Tone learning by Praat > Access Mandarin tone learning materials using Praat

▶ Download '2nd Workshop' folder to Desktop

▶ Unzip the file

▶ Open 'Praat' software

Follow Me

▶ In Praat, Open > Read from file… > Desktop > Workshop 2 > Audio > Male/Female > Worksheet 2.1 > 'guan1'

▶ Select 'guan1' and click 'View&Edit'

▶ Measurements: a. duration

b. pitch level

c. pitch range

▶ Write down the data on Worksheet 2.1

Record Your Reading

▶ In Praat, New > Record Mono Sound

▶ Start recording by clicking 'Record' button, and stop recording by clicking 'Stop' button

▶ Record only once

▶ Name the audio file as 'Name_word_tone_time of recording' (e.g. Hannah_guan_1_1)

▶ 'Save to list & close'

Practice & Improve

On Worksheet 2.1

► Write down the 3 measurements of your first reading of 'guān'

► What are the differences in the measurements between your reading and the native speaker's reading?

► Write down the differences as 'reflection' and try to reduce the differences in your second reading

Practice & Improve

▶ Perform tone analysis of native speakers' reading of 'chū' and yīng' (Workshop 2 > Audio > Male/Female > Worksheet 2.2 > 'chu1'/'ying1')

▶ Recording your own reading

▶ Write down the measurements and compare with native speaker's as reflection

▶ Record the second time, write down the measurements to see if the differences are reduced

▶ Practice the other two words if you have more time

Practice & Improve

▶ Perform tone analysis of native speakers' reading of 'yán', 'shá' and 'lún' (Workshop 2 > Audio > Male/Female > Worksheet 2.3 > 'yan2'/'sha2'/'lun2')

▶ Recording your own reading

▶ Write down the measurements and compare with native speaker's as reflection

▶ Record the second time, write down the measurements to see if the differences are reduced

▶ Practice the other two words if you have more time