



Southern Min  
Tone

75%

25%

phe<sup>fo</sup>

o<sup>lc</sup>

o<sup>ho</sup>

tshe<sup>r</sup>

tshe<sup>lo</sup>

phe<sup>hc</sup>

Japanese  
Vowel length

75%

25%

heeya

tori

toori

shiku

shiku

heya

Mandarin  
Fricatives

75%

25%

shao

jiou

zhou

qiang

chang

xiao






**Use arrow keys ('←' and '→') to click through to listen to the sound stimuli.**










Use arrow keys (“←” and “→”) to click through to listen to the sound stimuli.

	Southern Min Tone		Japanese Vowel length		Mandarin Fricatives	
	75%	25%	75%	25%	75%	25%
	<u>phe</u> <sup>fo</sup>	<u>o</u> <sup>lc</sup>	<u>hee</u> <sup>ya</sup>	<u>t</u> <sup>ori</sup>	<u>sh</u> <sup>ao</sup>	<u>ji</u> <sup>ou</sup>
	<u>o</u> <sup>ho</sup>	<u>tshe</u> <sup>r</sup>	<u>t</u> <sup>oori</sup>	<u>sh</u> <sup>iku</sup>	<u>zh</u> <sup>ou</sup>	<u>qi</u> <sup>ang</sup>
	<u>tshe</u> <sup>lo</sup>	<u>phe</u> <sup>hc</sup>	<u>sh</u> <sup>iku</sup>	<u>he</u> <sup>ya</sup>	<u>ch</u> <sup>ang</sup>	<u>xi</u> <sup>ao</sup>

Use arrow keys (“←” and “→”) to click through to listen to the sound stimuli.

	Southern Min Tone		Japanese Vowel length		Mandarin Fricatives	
	75%	25%	75%	25%	75%	25%
	<u>phe</u> <sup>fo</sup>	<u>o</u> <sup>lc</sup>	<u>he</u> <sup>ya</sup>	<u>t</u> <sup>ori</sup>	<u>sh</u> <sup>ao</sup>	<u>ji</u> <sup>ou</sup>
	<u>o</u> <sup>ho</sup>	<u>tshe</u> <sup>r</sup>	<u>t</u> <sup>oori</sup>	<u>sh</u> <sup>iku</sup>	<u>zh</u> <sup>ou</sup>	<u>qi</u> <sup>ang</sup>
	<u>tshe</u> <sup>lo</sup>	<u>phe</u> <sup>hc</sup>	<u>sh</u> <sup>iku</sup>	<u>he</u> <sup>ya</sup>	<u>ch</u> <sup>ang</sup>	<u>xi</u> <sup>ao</sup>