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Production and perception of tones by Dutch learners of Mandarin
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Citation

Zou, T. (2017, September 28). *Production and perception of tones by Dutch learners of Mandarin*. LOT dissertation series. LOT, Utrecht. Retrieved from <https://hdl.handle.net/1887/52977>

Version: Not Applicable (or Unknown)

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Title: Production and perception of tones by Dutch learners of Mandarin

Issue Date: 2017-9-28

Appendices

A1. Summary of mixed effects models for f0 contours of each tone in the first or second syllable.

T1 in first syllable

Fixed effects	Df	χ^2	p
Linear and Quadratic terms	2	13.36	<.01
Tonal Context	3	46.74	<.001
Cognitive Load	1	4.22	<.05
Participant Group	2	1.02	n.s.
Linear and Quadratic terms : Tonal Context	6	21.52	<.01
Linear and Quadratic terms : Cognitive Load	2	0.48	n.s.
Linear and Quadratic terms : Participant Group	4	7.75	n.s.
Tonal Context : Cognitive Load	3	165.62	<.001
Tonal Context : Participant Group	6	8.42	n.s.
Cognitive Load : Participant Group	2	0.10	n.s.
Linear and Quadratic terms : Tonal Context : Cognitive Load	6	3.41	n.s.
Linear and Quadratic terms : Tonal Context : Participant Group	12	8.14	n.s.
Linear and Quadratic terms : Cognitive Load : Participant Group	4	4.70	n.s.
Tonal Context : Cognitive Load : Participant Group	6	101.19	<.001
Linear and Quadratic terms : Tonal Context : Cognitive Load : Participant Group	12	10.53	n.s.
Repetition	3	7.50	n.s.
Repetition: Linear and Quadratic Terms	6	6.11	n.s.

T2 in first syllable

Fixed effects	Df	χ^2	p
Linear and Quadratic terms	2	81.41	<.001
Tonal Context	3	32.29	<.001
Cognitive Load	1	5.89	<.05
Participant Group	2	32.47	<.001
Linear and Quadratic terms : Tonal Context	6	71.26	<.001
Linear and Quadratic terms : Cognitive Load	2	15.04	<.001
Linear and Quadratic terms : Participant Group	4	3.42	n.s.
Tonal Context : Cognitive Load	3	29.19	<.001
Tonal Context : Participant Group	6	13.79	<.05
Cognitive Load : Participant Group	2	1.39	n.s.
Linear and Quadratic terms : Tonal Context : Cognitive Load	6	8.10	n.s.
Linear and Quadratic terms : Tonal Context : Participant Group	12	27.17	<.01
Linear and Quadratic terms : Cognitive Load : Participant Group	4	3.02	n.s.
Tonal Context : Cognitive Load : Participant Group	6	112.03	<.001
Linear and Quadratic terms : Tonal Context : Cognitive Load : Participant Group	12	16.07	n.s.
Repetition	3	42.08	<.001
Repetition: Linear and Quadratic Terms	6	7.04	n.s.

T3 in first syllable

Fixed effects	Df	χ^2	p
Linear and Quadratic terms	2	59.99	<.001
Tonal Context	3	33.26	<.001
Cognitive Load	1	2.49	<.05
Participant Group	2	10.64	<.01
Linear and Quadratic terms : Tonal Context	6	86.96	<.001
Linear and Quadratic terms : Cognitive Load	2	5.28	<.05
Linear and Quadratic terms : Participant Group	4	24.92	<.001
Tonal Context : Cognitive Load	3	31.39	<.001
Tonal Context : Participant Group	6	6.09	n.s.
Cognitive Load : Participant Group	2	0.24	n.s.
Linear and Quadratic terms : Tonal Context : Cognitive Load	6	6.14	n.s.
Linear and Quadratic terms : Tonal Context : Participant Group	12	21.52	<.05
Linear and Quadratic terms : Cognitive Load : Participant Group	4	6.12	n.s.
Tonal Context : Cognitive Load : Participant Group	6	41.39	<.001
Linear and Quadratic terms : Tonal Context : Cognitive Load : Participant Group	12	32.82	<.001
Repetition	3	4.67	n.s.
Repetition: Linear and Quadratic Terms	6	11.70	n.s.

T4 in first syllable

Fixed effects	Df	χ^2	p
Linear and Quadratic terms	2	91.96	<.001
Tonal Context	3	21.07	<.001
Cognitive Load	1	4.80	<.05
Participant Group	2	0.15	n.s.
Linear and Quadratic terms : Tonal Context	6	66.72	<.001
Linear and Quadratic terms : Cognitive Load	2	12.41	<.01
Linear and Quadratic terms : Participant Group	4	16.25	<.01
Tonal Context : Cognitive Load	3	55.66	<.001
Tonal Context : Participant Group	6	7.44	n.s.
Cognitive Load : Participant Group	2	4.23	n.s.
Linear and Quadratic terms : Tonal Context : Cognitive Load	6	34.87	<.001
Linear and Quadratic terms : Tonal Context : Participant Group	12	24.10	<.05
Linear and Quadratic terms : Cognitive Load : Participant Group	4	1.17	n.s.
Tonal Context : Cognitive Load : Participant Group	6	38.11	<.001
Linear and Quadratic terms : Tonal Context : Cognitive Load : Participant Group	12	68.71	<.001
Repetition	3	27.29	<.001
Repetition: Linear and Quadratic Terms	6	52.24	<.001

T1 in second syllable

Fixed effects	Df	χ^2	p
Linear and Quadratic terms	2	34.16	<.001
Tonal Context	3	21.89	<.001
Cognitive Load	1	3.73	n.s.
Participant Group	2	1.92	n.s.
Linear and Quadratic terms : Tonal Context	6	90.10	<.001
Linear and Quadratic terms : Cognitive Load	2	0.64	n.s.
Linear and Quadratic terms : Participant Group	4	12.86	<.05
Tonal Context : Cognitive Load	3	82.51	<.001
Tonal Context : Participant Group	6	13.95	<.05
Cognitive Load : Participant Group	2	0.04	n.s.
Linear and Quadratic terms : Tonal Context : Cognitive Load	6	6.80	n.s.
Linear and Quadratic terms : Tonal Context : Participant Group	12	36.93	<.001
Linear and Quadratic terms : Cognitive Load : Participant Group	4	1.10	n.s.
Tonal Context : Cognitive Load : Participant Group	6	160.43	<.001
Linear and Quadratic terms : Tonal Context : Cognitive Load : Participant Group	12	19.44	n.s.
Repetition	3	78.74	<.001
Repetition: Linear and Quadratic Terms	6	3.33	n.s.

T2 in second syllable

Fixed effects	Df	χ^2	p
Linear and Quadratic terms	2	91.24	<.001
Tonal Context	3	33.16	<.001
Cognitive Load	1	0.19	n.s.
Participant Group	2	16.55	<.001
Linear and Quadratic terms : Tonal Context	6	89.86	<.001
Linear and Quadratic terms : Cognitive Load	2	7.07	<.05
Linear and Quadratic terms : Participant Group	4	12.21	n.s.
Tonal Context : Cognitive Load	3	83.29	<.001
Tonal Context : Participant Group	6	11.48	n.s.
Cognitive Load : Participant Group	2	4.59	n.s.
Linear and Quadratic terms : Tonal Context : Cognitive Load	6	17.43	<.01
Linear and Quadratic terms : Tonal Context : Participant Group	12	15.03	<.01
Linear and Quadratic terms : Cognitive Load : Participant Group	4	0.60	n.s.
Tonal Context : Cognitive Load : Participant Group	6	47.62	<.001
Linear and Quadratic terms : Tonal Context : Cognitive Load : Participant Group	12	54.72	<.001
Repetition	3	6.16	n.s.
Repetition: Linear and Quadratic Terms	6	16.38	<.05

T3 in second syllable

Fixed effects	Df	χ^2	p
Linear and Quadratic terms	2	56.16	<.001
Tonal Context	3	33.26	<.001
Cognitive Load	1	2.54	n.s.
Participant Group	2	15.08	<.001
Linear and Quadratic terms : Tonal Context	6	61.76	<.001
Linear and Quadratic terms : Cognitive Load	2	0.58	n.s.
Linear and Quadratic terms : Participant Group	4	28.02	<.001
Tonal Context : Cognitive Load	3	18.52	<.001
Tonal Context : Participant Group	6	18.02	<.01
Cognitive Load : Participant Group	2	2.27	n.s.
Linear and Quadratic terms : Tonal Context : Cognitive Load	6	30.37	<.001
Linear and Quadratic terms : Tonal Context : Participant Group	12	11.46	<.01
Linear and Quadratic terms : Cognitive Load : Participant Group	4	3.42	n.s.
Tonal Context : Cognitive Load : Participant Group	6	20.79	<.001
Linear and Quadratic terms : Tonal Context : Cognitive Load : Participant Group	12	37.02	<.001
Repetition	3	9.98	<.05
Repetition: Linear and Quadratic Terms	6	41.44	<.001

T4 in second syllable

Fixed effects	Df	χ^2	p
Linear and Quadratic terms	2	66.56	<.001
Tonal Context	3	21.35	<.001
Cognitive Load	1	7.42	<.01
Participant Group	2	2.51	n.s.
Linear and Quadratic terms : Tonal Context	6	82.75	<.001
Linear and Quadratic terms : Cognitive Load	2	5.02	n.s.
Linear and Quadratic terms : Participant Group	4	8.64	<.05
Tonal Context : Cognitive Load	3	11.69	<.01
Tonal Context : Participant Group	6	12.75	<.05
Cognitive Load : Participant Group	2	5.81	n.s.
Linear and Quadratic terms : Tonal Context : Cognitive Load	6	19.37	<.01
Linear and Quadratic terms : Tonal Context : Participant Group	12	41.71	<.001
Linear and Quadratic terms : Cognitive Load : Participant Group	4	7.22	n.s.
Tonal Context : Cognitive Load : Participant Group	6	35.71	<.001
Linear and Quadratic terms : Tonal Context : Cognitive Load : Participant Group	12	64.63	<.001
Repetition	3	42.35	<.001
Repetition: Linear and Quadratic Terms	6	11.24	n.s.

A2. *Summary of mixed effects models for duration of target tones in the first and second syllable.***Duration of the vowel in the first syllable**

Fixed effects	Df	χ^2	p
Participant Group	2	18.39	<.001
Tone of 1 st syllable	3	313.11	<.001
Tone of 2 nd syllable	3	37.39	<.001
Cognitive Load	1	40.81	<.001
Participant Group : Tone of 1 st syllable	6	249.96	<.001
Participant Group : Tone of 2 nd syllable	6	27.05	<.001
Tone of 1 st syllable: Cognitive Load	3	3.77	n.s.
Tone of 2 nd syllable: Cognitive Load	3	2.79	n.s.
Participant Group : Tone of 1 st syllable: Cognitive Load	8	31.97	<.001
Participant Group : Tone of 2 nd syllable: Cognitive Load	6	3.83	n.s.
Repetition	3	0.59	n.s.

Duration of the vowel in the second syllable

Fixed effects	Df	χ^2	p
Participant Group	2	16.30	<.001
Tone of 1 st syllable	3	8.15	<.05
Tone of 2 nd syllable	3	2619.60	<.001
Cognitive Load	1	62.51	<.001
Participant Group : Tone of 1 st syllable	6	11.60	n.s.
Participant Group : Tone of 2 nd syllable	6	423.95	<.001
Tone of 1 st syllable: Cognitive Load	3	3.35	n.s.
Tone of 2 nd syllable: Cognitive Load	3	2.88	n.s.
Participant Group : Tone of 1 st syllable: Cognitive Load	8	7.27	n.s.
Participant Group : Tone of 2 nd syllable: Cognitive Load	6	5.91	n.s.
Repetition	3	0.97	n.s.

A3. *Pairs of non-words used in the ABX task.*

kasu-tafu
 difo-biso
 guta-duka
 podi-kobi
 bapi-gati
 tigu-pidu
 fuko-supu
 soba-foga
 muba-nuda

A4. Stimuli used in the lexical decision task.

T1→T2		T2→T1	
Words	Non-words	Words	Non-words
应该 <i>ying1gai1</i> should	* <i>ying2gai1</i>	时间 <i>shi2jian1</i> time	* <i>shi1jian1</i>
听说 <i>ting1shuo1</i> heard about	* <i>ting2shuo1</i>	房间 <i>fang2jian1</i> room	* <i>fang1jian1</i>
出发 <i>chu1fa1</i> set out	* <i>chu2fa1</i>	十分 <i>shi2fen1</i> very	* <i>shi1fen1</i>
餐厅 <i>can1ting1</i> restaurant	* <i>can2ting1</i>	爬山 <i>pa2shan1</i> mountain climbing	* <i>pa1shan1</i>
春天 <i>chun1tian1</i> spring	* <i>chun2tian1</i>	黄瓜 <i>huang2gua1</i> cucumber	* <i>huang1gua1</i>
声音 <i>sheng1yin1</i> sound	* <i>sheng2yin1</i>	阳光 <i>yang2guang1</i> sunshine	* <i>yang1guang1</i>
发音 <i>fa1yin1</i> pronunciation	* <i>fa2yin1</i>	成功 <i>cheng2gong1</i> success	* <i>cheng1gong1</i>
出租 <i>chu1zu1</i> rent	* <i>chu2zu1</i>	房租 <i>fang2zu1</i> rent	* <i>fang1zu1</i>
秋天 <i>qiu1tian1</i> autumn	* <i>qiu2tian1</i>	维修 <i>wei2xiu1</i> maintain	* <i>wei1xiu1</i>
西瓜 <i>xi1gua1</i> water melon	* <i>xi2gua1</i>	服装 <i>fu2zhuang1</i> clothing	* <i>fu1zhuang1</i>

T1→T3		T3→T1	
Words	Non-words	Words	Non-words
医生 <i>yīshēng1</i> doctor	* <i>yī3shēng1</i>	已经 <i>yǐjīng1</i> already	* <i>yī1jīng1</i>
今天 <i>jīntiān1</i> today	* <i>jīn3tiān1</i>	打开 <i>dǎkāi1</i> open	* <i>dǎ1kāi1</i>
关心 <i>guānxīn1</i> concern	* <i>guān3xīn1</i>	手机 <i>shǒujī1</i> cell phone	* <i>shǒu1jī1</i>
中心 <i>zhōngxīn1</i> center	* <i>zhōng3xīn1</i>	饼干 <i>bǐnggān1</i> cookie	* <i>bǐng1gān1</i>
香蕉 <i>xiāngjiāo1</i> banana	* <i>xiāng3jiāo1</i>	小偷 <i>xiǎotōu1</i> thief	* <i>xiǎo1tōu1</i>
欧洲 <i>ōuzhōu1</i> Europe	* <i>ōu3zhōu1</i>	首都 <i>shǒudu1</i> capital	* <i>shǒu1du1</i>
西装 <i>xīzhuāng1</i> suit	* <i>xī3zhuāng1</i>	北京 <i>běijīng1</i> Beijing	* <i>běi1jīng1</i>
冬天 <i>dōngtiān1</i> winter	* <i>dōng3tiān1</i>	打针 <i>dǎzhēn1</i> injection	* <i>dǎ1zhēn1</i>
身高 <i>shēngāo1</i> height	* <i>shēn3gāo1</i>	果汁 <i>guǒzhī1</i> juice	* <i>guǒ1zhī1</i>
书桌 <i>shūzhuō1</i> desk	* <i>shū3zhuō1</i>	取消 <i>qǔxiāo1</i> cancel	* <i>qǔ1xiāo1</i>

T1→T4		T4→T1	
Words	Non-words	Words	Non-words
参加 <i>can1jia1</i> participate	* <i>can4jia1</i>	大家 <i>da4jia1</i> everyone	* <i>da1jia1</i>
糟糕 <i>zao1gao1</i> bad	* <i>zao4gao1</i>	上班 <i>shang4ban1</i> work	* <i>shang1ban1</i>
星期 <i>xing1qi1</i> week	* <i>xing4qi1</i>	再说 <i>zai4shuo1</i> what's more	* <i>zai1shuo1</i>
沙发 <i>sha1fa1</i> sofa	* <i>sha4fa1</i>	蛋糕 <i>dan4gao1</i> cake	* <i>dan1gao1</i>
中间 <i>zhong1jian1</i> middle	* <i>zhong4jian1</i>	客厅 <i>ke4ting1</i> living room	* <i>ke1ting1</i>
冰箱 <i>bing1xiang1</i> fridge	* <i>bing4xiang1</i>	亚洲 <i>ya4zhou1</i> Asia	* <i>ya1zhou1</i>
交通 <i>jiao1tong1</i> traffic	* <i>jiao4tong1</i>	菜单 <i>cai4dan1</i> menu	* <i>cai1dan1</i>
西方 <i>xi1fang1</i> west	* <i>xi4fang1</i>	电车 <i>dian4che1</i> tram	* <i>dian1che1</i>
公斤 <i>gong1jin1</i> kilogram	* <i>gong4jin1</i>	互相 <i>hu4xiang1</i> mutual	* <i>hu1xiang1</i>
搬家 <i>ban1jia1</i> move	* <i>ban4jia1</i>	信息 <i>xin4xi1</i> information	* <i>xin1xi1</i>

T2→T3		T3→T2	
Words	Non-words	Words	Non-words
离开 <i>li2kai1</i> leave	* <i>li3kai1</i>	小心 <i>xiao3xin1</i> be careful	* <i>xiao2xin1</i>
回家 <i>hui2jia1</i> go home	* <i>hui3jia1</i>	纽约 <i>niu3yue1</i> New York	* <i>niu2yue1</i>
直接 <i>zhi2jie1</i> direct	* <i>zhi3jie1</i>	火车 <i>huo3che1</i> train	* <i>huo2che1</i>
昨天 <i>zuo2tian1</i> yesterday	* <i>zuo3tian1</i>	好吃 <i>hao3chi1</i> delicious	* <i>hao2chi1</i>
聊天 <i>liao2tian1</i> chat	* <i>liao3tian1</i>	海边 <i>hai3bian1</i> beach	* <i>hai2bian1</i>
前天 <i>qian2tian1</i> day before yesterday	* <i>qian3tian1</i>	打工 <i>da3gong1</i> work	* <i>da2gong1</i>
时差 <i>shi2cha1</i> jet lag	* <i>shi3cha1</i>	耳机 <i>er3ji1</i> earphone	* <i>er2ji1</i>
其中 <i>qi2zhong1</i> among	* <i>qi3zhong1</i>	有关 <i>you3guan1</i> related	* <i>you2guan1</i>
职工 <i>zhi2gong1</i> staff	* <i>zhi3gong1</i>	打车 <i>da3che1</i> take a taxi	* <i>da2che1</i>
骑车 <i>qi2che1</i> cycling	* <i>qi3che1</i>	普通 <i>pu3tong1</i> ordinary	* <i>pu2tong1</i>

T2→T4		T4→T2	
Words	Non-words	Words	Non-words
明天 <i>ming2tian1</i> tomorrow	* <i>ming4tian1</i>	认真 <i>ren4zhen1</i> serious	* <i>ren2zhen1</i>
结婚 <i>jie2hun1</i> get married	* <i>jie4hun1</i>	第三 <i>di3san1</i> third	* <i>di2san1</i>
年轻 <i>nian2qing1</i> young	* <i>nian4qing1</i>	现金 <i>xian4jin1</i> cash	* <i>xian2jin1</i>
提高 <i>ti2gao1</i> improve	* <i>ti4gao1</i>	大哥 <i>da4ge1</i> big brother	* <i>da2ge1</i>
读书 <i>du2shu1</i> reading	* <i>du4shu1</i>	衬衫 <i>chen4shan1</i> shirt	* <i>chen2shan1</i>
十八 <i>shi2ba1</i> eighteen	* <i>shi4ba1</i>	录音 <i>lu4yin1</i> sound recording	* <i>lu2yin1</i>
旁边 <i>pang2bian1</i> next to	* <i>pang4bian1</i>	夏天 <i>xia4tian1</i> summer	* <i>xia2tian1</i>
离婚 <i>li2hun1</i> divorce	* <i>li4hun1</i>	念书 <i>nian4shu1</i> study	* <i>nian2shu1</i>
黄金 <i>huang2jin1</i> gold	* <i>huang4jin1</i>	下车 <i>xia4che1</i> get off	* <i>xia2che1</i>
南京 <i>nan2jing1</i> Nanjing	* <i>nan4jing1</i>	大约 <i>da4yue1</i> about	* <i>da2yue1</i>

T3→T4		T4→T3	
Words	Non-words	Words	Non-words
简单 <i>jian3dan1</i> simple	* <i>jian4dan1</i>	律师 <i>lv4shi1</i> lawyer	* <i>lv3shi1</i>
紧张 <i>jin3zhang1</i> nervous	* <i>jin4zhang1</i>	汽车 <i>qi4che1</i> car	* <i>qi3che1</i>
老师 <i>lao3shi1</i> teacher	* <i>lao4shi1</i>	健康 <i>jian4kang1</i> health	* <i>jian3kang1</i>
小说 <i>xiao3shuo1</i> novel	* <i>xiao4shuo1</i>	唱歌 <i>chang4ge1</i> sing	* <i>chang3ge1</i>
起飞 <i>qi3fei1</i> take off	* <i>qi4fei1</i>	面包 <i>mian4bao1</i> bread	* <i>mian3bao1</i>
好听 <i>hao3ting1</i> pleasant to hear	* <i>hao4ting1</i>	大衣 <i>da4yi1</i> coat	* <i>da3yi1</i>
海关 <i>hai3guan1</i> customs	* <i>hai4guan1</i>	半天 <i>ban4tian1</i> quite a while	* <i>ban3tian1</i>
转机 <i>zhuan3ji1</i> transfer	* <i>zhuan4ji1</i>	用功 <i>yong4gong1</i> hardworking	* <i>yong3gong1</i>
许多 <i>xu3duo1</i> many	* <i>xu4duo1</i>	战争 <i>zhan4zheng1</i> war	* <i>zhan3zheng1</i>
酒吧 <i>jiu3ba1</i> bar	* <i>jiu4ba1</i>	更加 <i>geng4jia1</i> more	* <i>geng3jia1</i>

Segment control pairs			
Words	Non-words	Words	Non-words
生活 <i>sheng1 huo2</i> life	* <i>cheng1 huo2</i>	成为 <i>cheng2 wei2</i> become	* <i>sheng2 wei2</i>
超级 <i>chao1 ji2</i> super	* <i>shao1 ji2</i>	回答 <i>hui2 da2</i> answer	* <i>kui2 da2</i>
刚才 <i>gang1 cai2</i> just now	* <i>kang1 cai2</i>	学习 <i>xue2 xi2</i> study	* <i>jue2 xi2</i>
公园 <i>gong1 yuan2</i> park	* <i>bong1 yuan2</i>	厨房 <i>chu2 fang2</i> kichen	* <i>shu2 fang2</i>
中国 <i>zhong1 guo2</i> China	* <i>chong1 guo2</i>	前年 <i>qian2 nian2</i> year before last	* <i>xian2 nian2</i>
开门 <i>kai1 men2</i> open the door	* <i>gai1 men2</i>	着急 <i>zhuo1 ji2</i> worry	* <i>shao2 ji2</i>
中文 <i>zhong1 wen2</i> Chinese	* <i>chong1 wen2</i>	足球 <i>zu2 qiu2</i> football	* <i>su2 qiu2</i>
商人 <i>shang1 ren2</i> businessman	* <i>zhang1 ren2</i>	实习 <i>shi2 xi2</i> internship	* <i>chi2 xi2</i>
忽然 <i>hu1 ran2</i> suddenly	* <i>ku1 ran2</i>	荷兰 <i>he2 lan2</i> Netherlands	* <i>ke2 lan2</i>
高楼 <i>gao1 lou2</i> high-rise	* <i>hao1 lou2</i>	零食 <i>ling2 shi2</i> snack	* <i>ning2 shi2</i>

Segment control pairs			
Words	Non-words	Words	Non-words
小时 <i>xiao3shi2</i> hour	* <i>jiao3shi2</i>	认为 <i>ren4wei2</i> think	* <i>zhen4wei2</i>
警察 <i>jing3cha2</i> policeman	* <i>xing3cha2</i>	进来 <i>jin4lai2</i> come in	* <i>xin4lai2</i>
解决 <i>jie3jue2</i> solve	* <i>xie3jue2</i>	大学 <i>da4xue2</i> university	* <i>ta4xue2</i>
检查 <i>jian3cha2</i> check	* <i>xian3cha2</i>	去年 <i>qu4nian2</i> last year	* <i>ju4nian2</i>
旅行 <i>lv3xing2</i> trip	* <i>nv3xing2</i>	适合 <i>shi4he2</i> suitable	* <i>chi4he2</i>
打球 <i>da3qiu2</i> play ball games	* <i>ta3qiu2</i>	上楼 <i>shang4lou2</i> go upstairs	* <i>chang4lou2</i>
美元 <i>mei3yuan2</i> dollar	* <i>bei3yuan2</i>	客人 <i>ke4ren2</i> guest	* <i>he4ren2</i>
打折 <i>da3zhe2</i> give a discount	* <i>ta3zhe2</i>	地图 <i>di4tu2</i> map	* <i>ti4tu2</i>
奶油 <i>nai3you2</i> cream	* <i>dai3you2</i>	气球 <i>qi4qiu2</i> balloon	* <i>ji4qiu2</i>
海牙 <i>hai3ya2</i> The Hague	* <i>kai3ya2</i>	课文 <i>ke4wen2</i> text	* <i>ge4wen2</i>

Curriculum vitae

Ting Zou was born on February 21 in 1986 in Tianjin, China. She attended Nankai University from 2004 until 2008 and obtained bachelor degrees in English and in Chinese language and literature. In 2009 she started her master programme at Beijing Language and Culture University and obtained her master's degree in Linguistics and Applied linguistics in 2012. From 2009 to 2012, she received academic training in Experimental phonetics and conducted experimental research on the acquisition of Mandarin by Japanese learners. During these three years, she also worked as a part-time language instructor, teaching Mandarin Chinese to students with various language backgrounds. She began her PhD research on tone acquisition by Dutch learners of Mandarin at Leiden University Centre for Linguistics in 2012. The present thesis is the result of that research.