

Supplemental TABLE for Keating and Kuo (submitted).

Means for all measures by language and sex. Means are averages of speaker means for each group. All measures are from the STRAIGHT method of pitchtracking, and are in Hz except for variables names including “ST”, which are in semi-tones. In the “Overall” measures for the rising and falling sweeps (Tables A and B), minimum values (XMin, MeanMin in MeanRange) came from falling sweeps, while maximum values (XMax, MinMax in MeanRange) came from rising sweeps. For the connected speech passages (Tables D and E), there is just one Min and one Max per speaker, so no separate MeanMin/MeanMax or XMin/XMax.

TABLE A – Prompted sweeps

	English		Mandarin	
	Male (<i>n</i> =10)	Female (<i>n</i> =11)	Male (<i>n</i> =11)	Female (<i>n</i> =9)
Rising				
MeanMin	162	316	167	340
MeanMax	597	1118	594	987
MeanMean	378	759	395	764
MeanSD	137	239	131	187
MeanRange	435	801	427	647
MeanRangeST	22.7	21.4	22.4	19.3
Falling				
MeanMin	69	146	84	124
MeanMax	153	378	215	379
MeanMean	104	243	141	243
MeanSD	21	61	36	67
MeanRange	83	232	131	254
MeanRangeST	13.6	16.7	15.9	19.8
Overall				
MeanRange	528	972	510	863
MeanRangeST	37.4	35.2	33.9	35.9
XMin	61	129	73	103
XMax	631	1185	614	1028
XRange	569	1057	546	925
XRangeST	39	38.5	37.3	40.6

TABLE B – Unprompted sweeps

	English		Mandarin	
	Male (<i>n</i> =9)	Female (<i>n</i> =10)	Male (<i>n</i> =11)	Female (<i>n</i> =10)
Rising				
MeanMin	101	189	123	220
MeanMax	533	830	495	857
MeanMean	243	406	269	502
MeanSD	129	189	113	211
MeanRange	432	641	371	637

MeanRangeST	27.7	26.0	23.0	23.0
Falling				
MeanMin	79	151	91	149
MeanMax	201	312	198	341
MeanMean	109	211	141	227
MeanSD	25	42	31	57
MeanRange	122	160	107	192
MeanRangeST	14.1	12.1	13.1	13.6
Overall				
MeanRange	454	679	404	708
MeanRangeST	6.7	5.5	5.4	5.8
XMin	76	143	83	140
XMax	566	862	514	888
XRange	490	719	431	748
XRangeST	335	31.1	30.1	32.5
Creaky	Male (<i>n</i> =9)	Female (<i>n</i> =11)	Male (<i>n</i> =11)	Female (<i>n</i> =9)
XMin	38	43	49	71

Table C – Isolated words

	English		Mandarin (Tone 4 only)		Mandarin (all four tones)	
	Male (<i>n</i> =11)	Female (<i>n</i> =11)	Male (<i>n</i> =11)	Female (<i>n</i> =11)	Male (<i>n</i> =11)	Female (<i>n</i> =11)
Normal						
MeanMin	75	162	96	134	113	189
MeanMax	139	273	177	306	159	283
MeanRange	64	110	82	171	46	94
MeanRangeST	11.0	9.5	10.5	14.6	5.8	6.9
MeanMean	102	214	133	230	131	233
MeanSD	19	32	25	52	13	27
XMin	69	141	89	101	81	86
XMax	146	291	190	334	198	350
XRange	76	151	101	233	117	264
XRangeST	13.3	13.6	12.9	21.6	15.3	24.8
Exclamation						
MeanMean	142	285	203	349	193	345
MeanSD	45	77	52	81	24	43
XMin	83	166	112	230	92	188
XMax	205	389	276	486	283	499
XRange	122	223	164	256	191	312
XRangeST	15.3	14.7	16.6	12.8	19.5	17.3

Table D – Rainbow Passage

	English		Mandarin	
	Male (<i>n</i> =8)	Female (<i>n</i> =10)	Male (<i>n</i> =9)	Female (<i>n</i> =9)
Min	46	59	56	56
Max	220	357	221	363
Mean	107	195	129	213
SD	23	35	22	40
Range	174	299	165	307
RangeST	27.2	31.6	24.3	32.6

Table E – Story Dialog

	English		Mandarin	
	Male (<i>n</i> =10)	Female (<i>n</i> =11)	Male (<i>n</i> =10)	Female (<i>n</i> =10)
Min	53	64	57	86
Max	553	701	393	588
Mean	196	286	168	288
SD	104	108	61	95
Range	500	638	335	502
RangeST	40.6	41.9	33.2	33.7