

Supplementary Data:

Table 6.

Experiment	Sample	Number of Detection Misses (False Alarms) [RT datapoints over 2500 ms]	
		Predicted High Stress	Predicted Low Stress
Experiment 1: L1 phoneme detection	Native English speakers ($n = 23$)	1 (0) [2]	5 (0) [2]
	Native Mandarin speakers ($n = 23$)	1 (0) [0]	4 (0) [1]
Experiment 2: L2 phoneme detection	Native Mandarin speakers ($n = 24$)	9 (3) [2]	7 (6) [1]

Detection misses, false alarms, and RT datapoints over 2500 milliseconds in Experiments 1 and 2.

Supplementary Data:

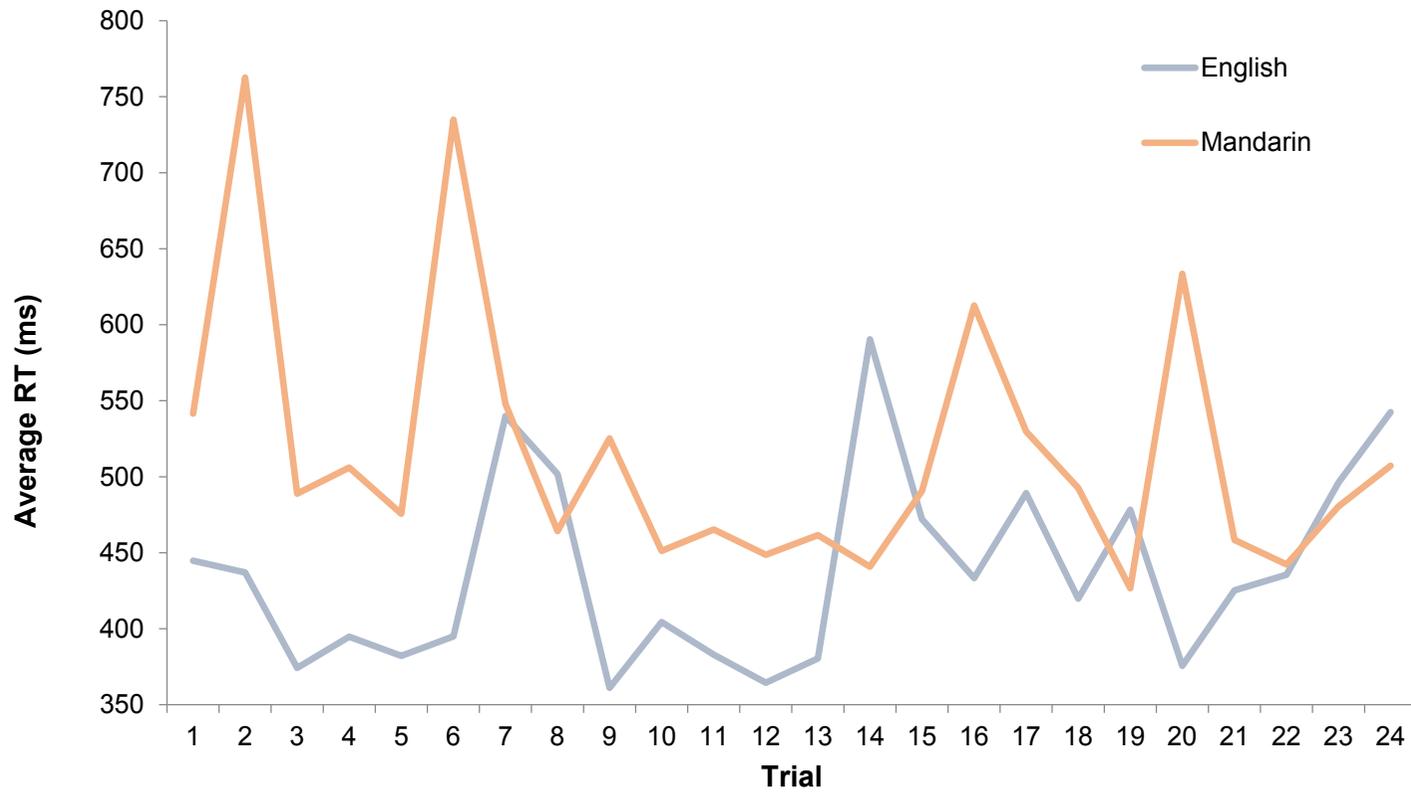


Figure 6.
Average RT across the 24 experimental trials in English and Mandarin listeners.

Supplementary Data:

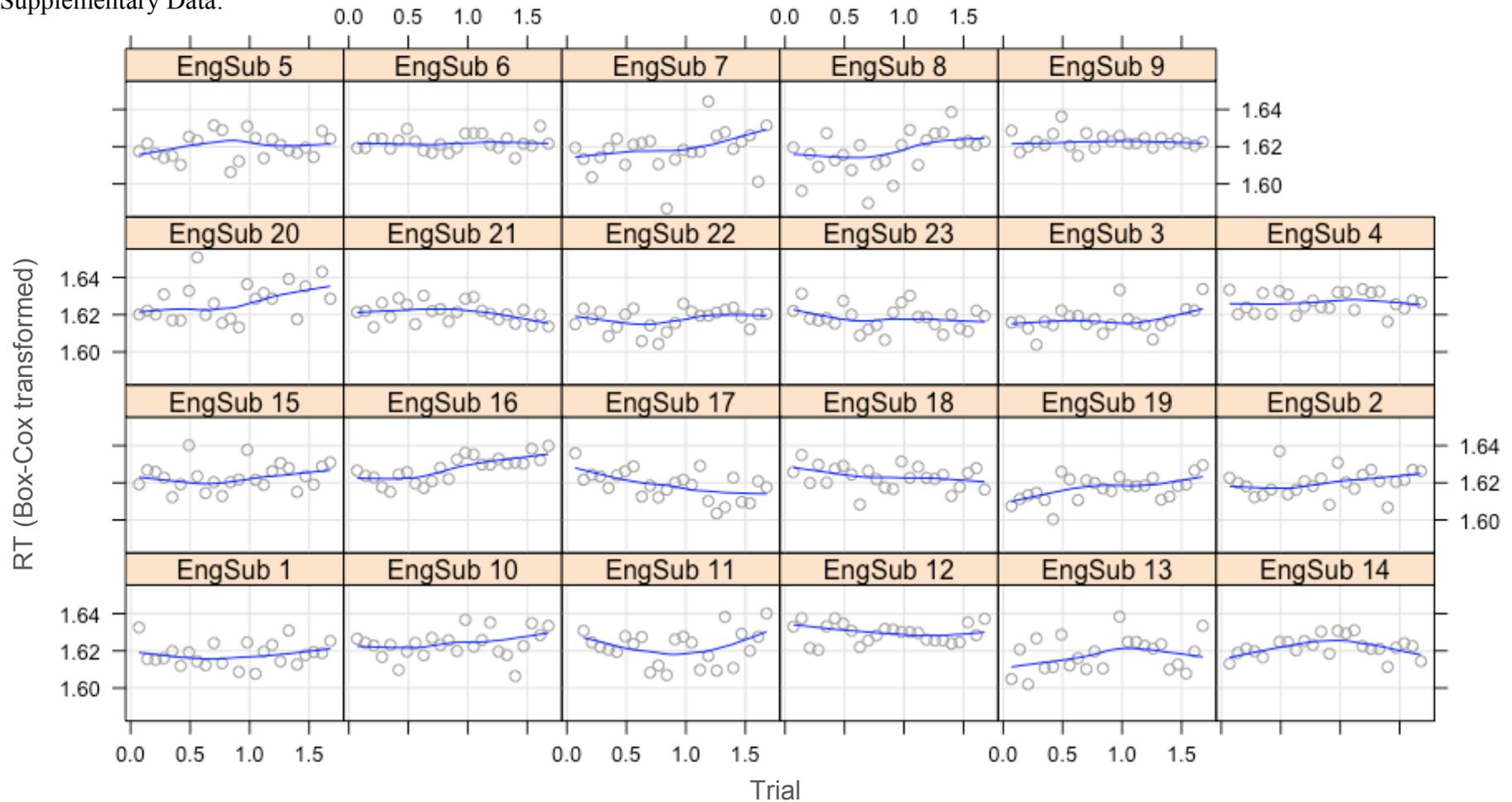


Figure 7.

RT (Box-Cox converted) across the 24 experimental trials (centered) for each English listener.

Supplementary Data:

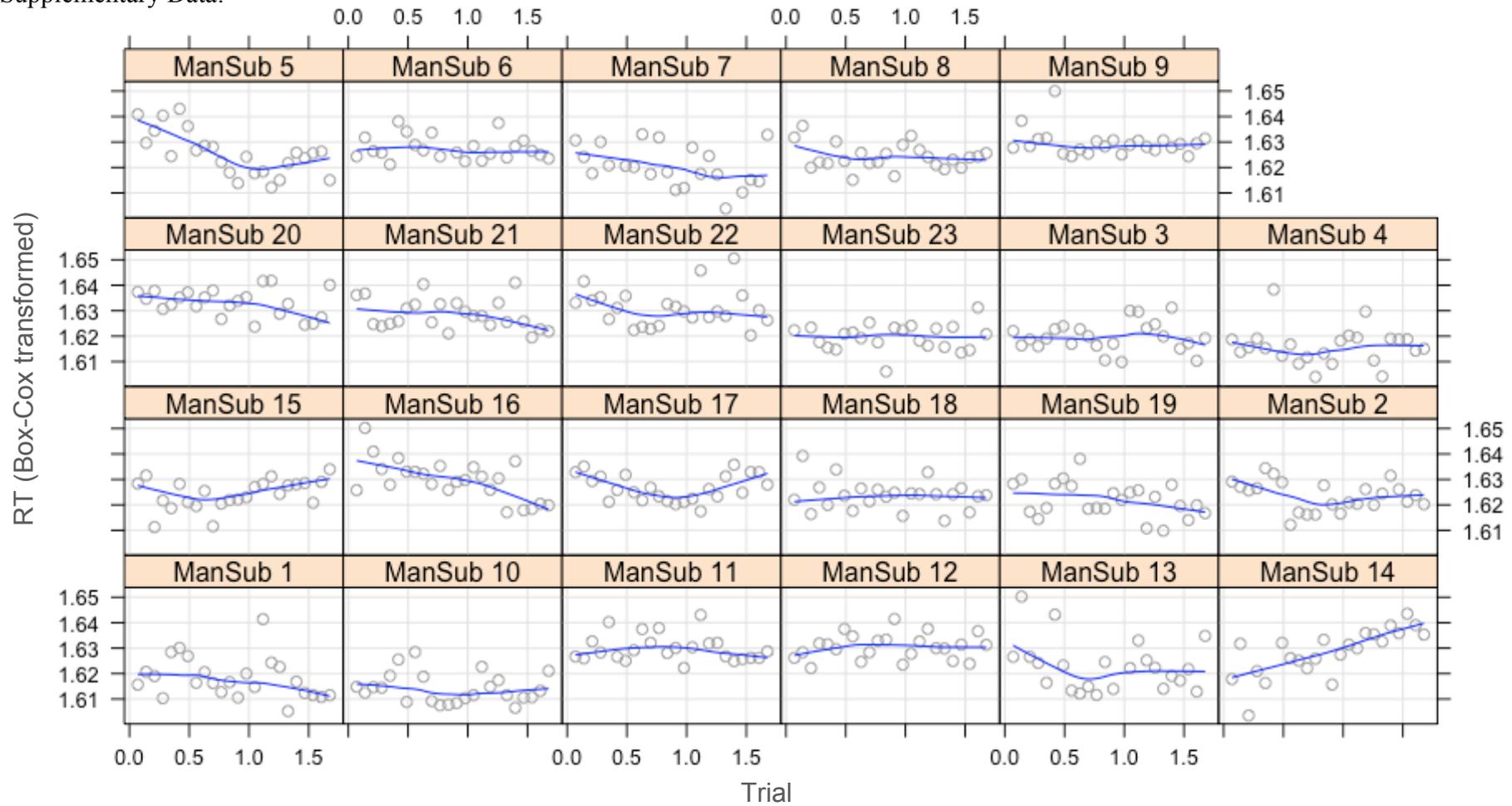


Figure 8.

RT (Box-Cox converted) across the 24 experimental trials (centered) for each Mandarin listener.