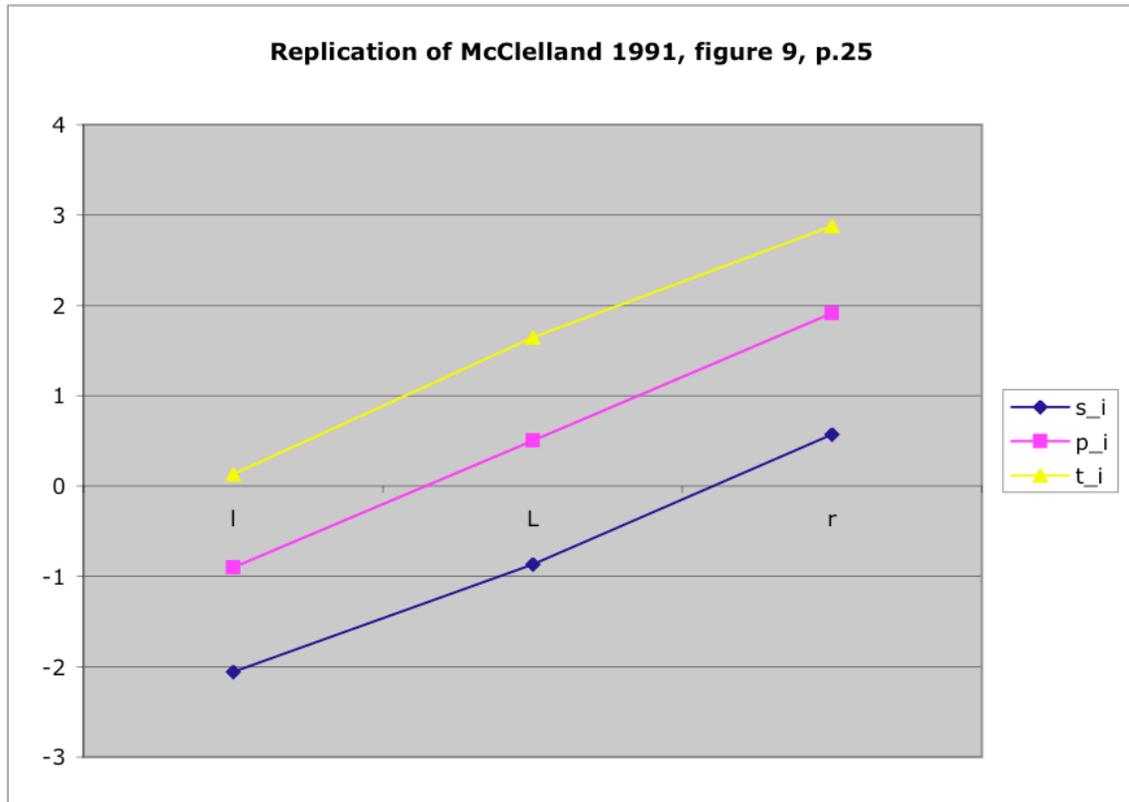
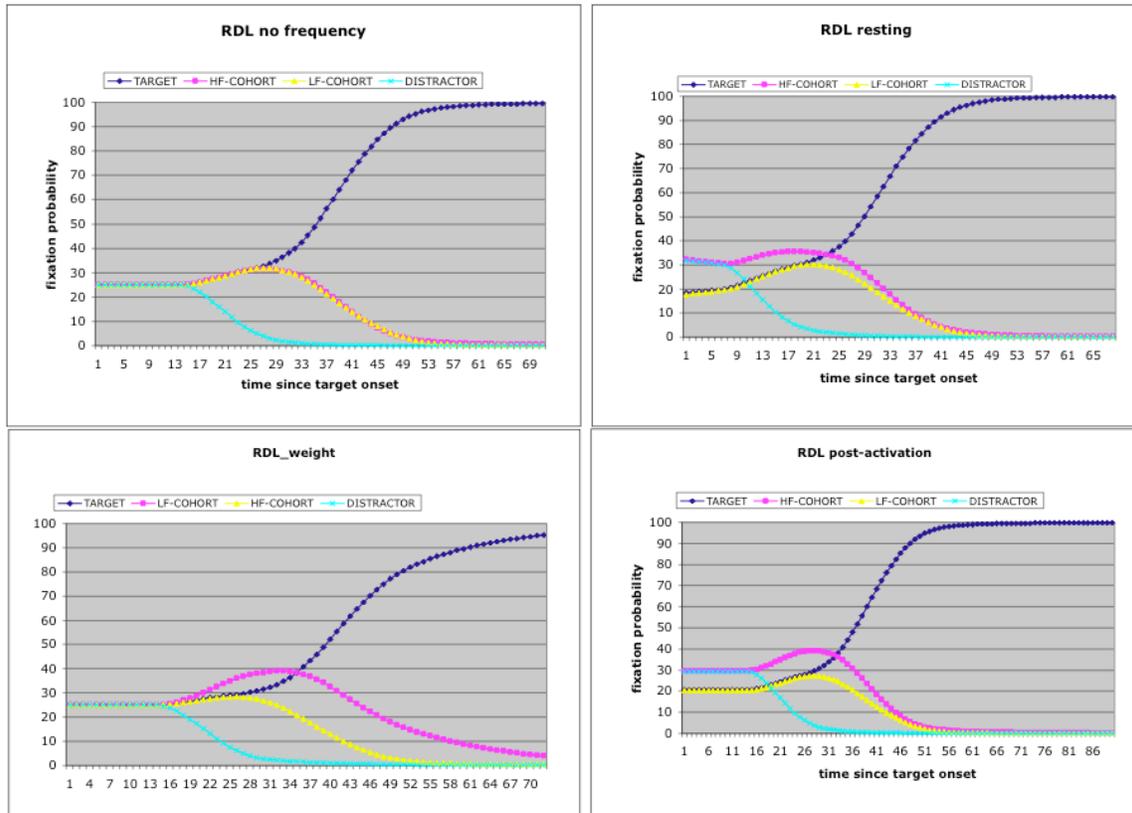


jTRACE was used to replicate the following TRACE simulations

Replication of McClelland 1991, figure 9, p. 25.



Replication of Dahan et al. 2001, figure 6.



Replication of Frauenfelder & Peeters, 1998 [FP98], Figure Fig 4.9.

This data in this figure is not identical to the one originally published but does replicate the original finding.

Explanation:

Frauenfelder & Peeters used a TRACE lexicon of 1024 words and simulation 21 items from that lexicon that had the following characteristics. Number of segments = 7.

Uniqueness point at position 4. This lexicon was not available to us. Instead, we constructed a lexicon of 901 words. We then simulated all 7-segment words with UP at segment 4. There were 8 items in our lexicon with those characteristics.

When we simulated those items in TRACE with feedback turned on and then off, the results were the same as FP98: Feedback did not offer an overall advantage in terms of reaction time. 3/8 items had a tiny feedback advantage, 4/8 items had a tiny advantage without feedback, and 1/8 item had no advantage.

