

# Episodic retrieval processes explain incidental valence contingency learning, contingency awareness explains instructed valence contingency learning.

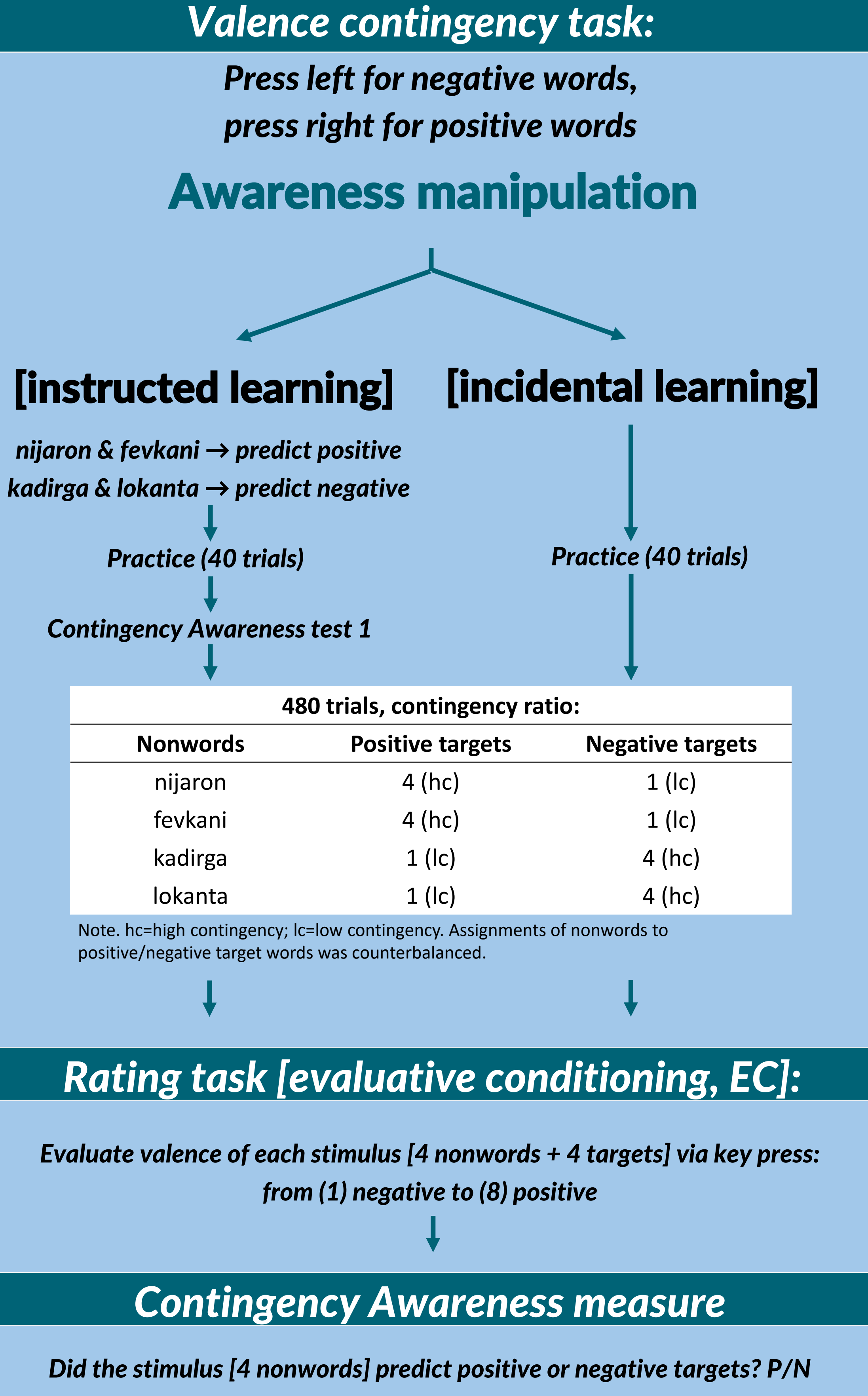
Dissociating the roles of episodic retrieval and contingency awareness in valence contingency learning

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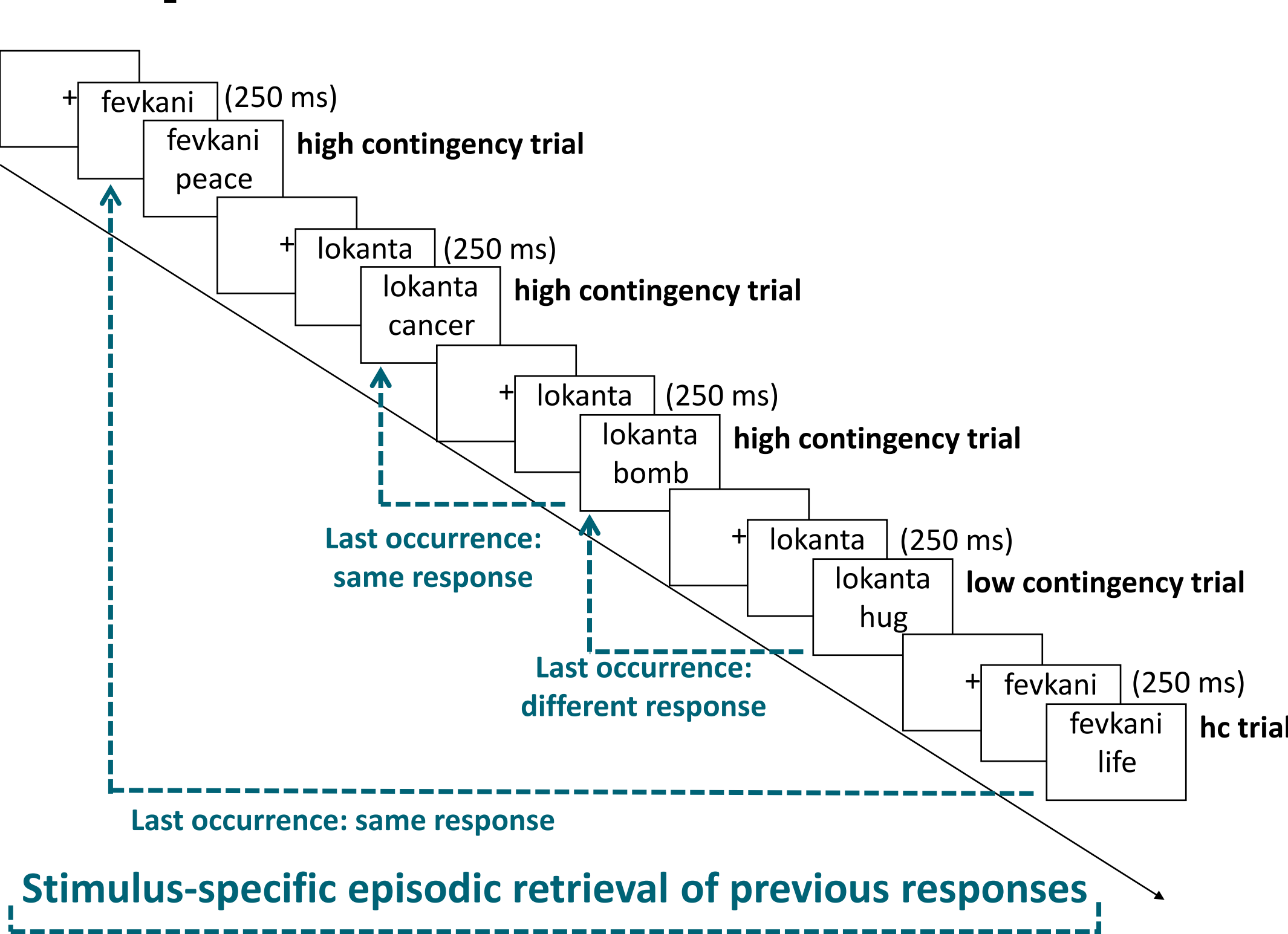
- INTRO**
- Episodic retrieval of previous responses explains contingency learning (*law of recency*, Giesen et al., 2020)
  - (I) Does this generalize to valence contingency learning? (II) Is contingency awareness a limiting factor?



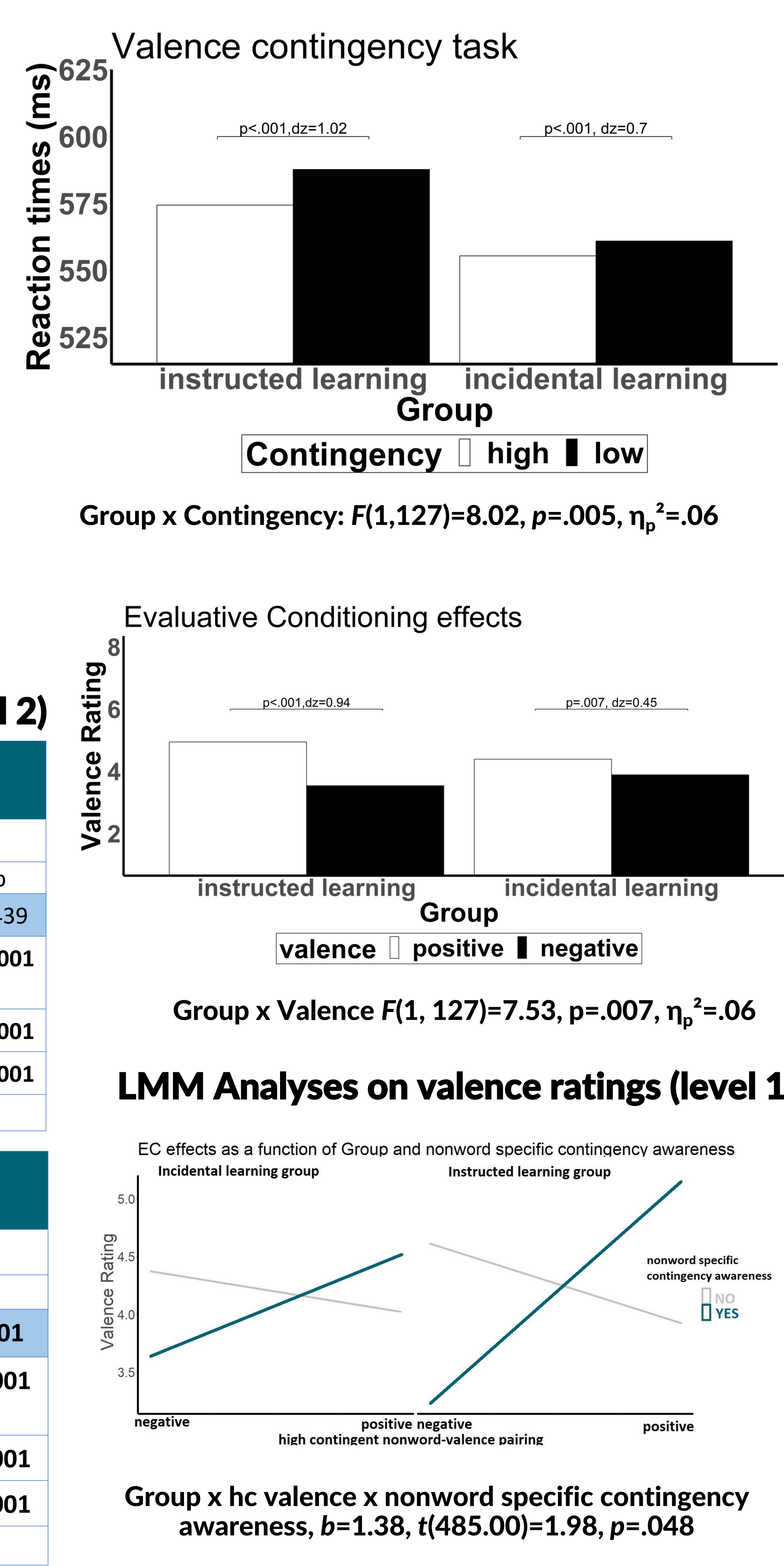
**METHODS**



**Trial procedure**



**RESULTS**



**DISCUSSION**

- Robust valence contingency learning (VCL) and EC effects for both groups, but instructed learning group shows stronger effects
- Episodic retrieval processes fully explain VCL only in the incidental learning group, not in the instructed learning group
- Contingency awareness can thus be regarded as a limiting factor for the explanatory power of episodic response retrieval in VCL