Top down predictions moderate visual appearance of attended objects

Bauer, Lisa
Perush, Marjan
Gomez, Mabel
et al.

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Lisa Bauer  
City University of New York, Graduate Center

Marjan Persuh  
City University of New York, Graduate Center

Mabel Gomez  
City University of New York, City College

Robert Melara  
City University of New York, City College

Abstract: Early experiments on iconic memory suggested that people initially experience a detailed visual image but can report only a few cued items. We hypothesized that strong top down predictions would allow for visual experience of only task relevant information. In a change detection task we manipulated the appearance of visual stimuli in the critical part of the experiment by removing up to 70