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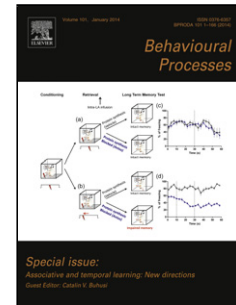
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Running head: TOF AND DERIVED-RELATIONS TESTING

Transfer of function and prior derived-relations testing

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Highlights

- Transfer of function is critical in understanding various forms of complex behavior.
- Transfer of function refers to generalization through a derived stimulus class.
- Whether and when transfer of function requires derived-relations testing remain unclear.
- Transfer of function was assessed with and without prior derived-relations testing.
- Transfer of function only occurred reliably following derived-relations testing.

Abstract

This experiment assessed transfer of function through equivalence relations with and without prior derived-stimulus-relations (DSR) testing. In a DSR-Testing Group, eight college students learned A-B and A-C discriminations in baseline. They then derived the B-C and C-B equivalence relations before being exposed to a transfer-of-function manipulation and test. Eight participants in a No-DSR Testing Group were exposed to the transfer-of-function manipulation and test immediately after learning the baseline discriminations (i.e., B-C and C-B testing was omitted). In the transfer-of-function manipulation, participants learned to respond differently in the presence of B1 and B2 to avoid money loss. In the transfer-of-function test, responding in the

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