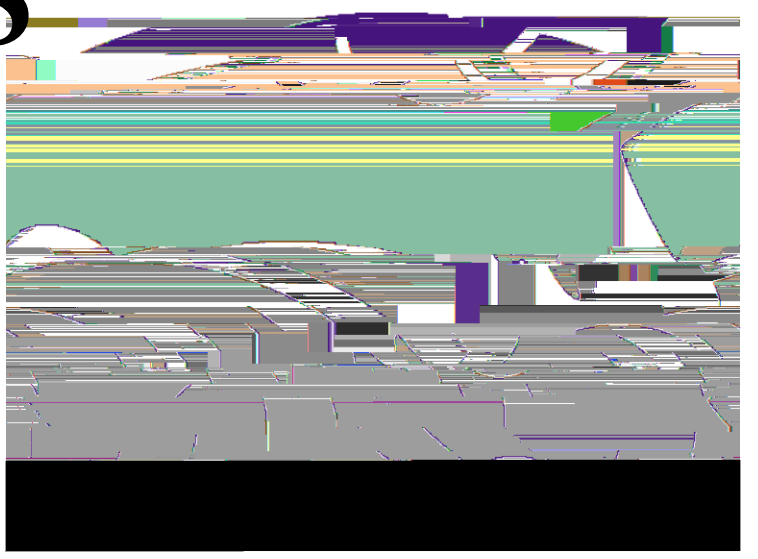


The Role of Timing Processes in Three Different Impulsive Choice Procedures

Jennifer R. Peterson,* Catherine Hill, & Kimberly Kirkpatrick

Kansas State University



DESIGN

- Impulsive behavior is a common symptom in ADHD, gambling, and drug abuse
- Measures of impulsive behavior are often used interchangeably in studies examining choice behavior.
- Impulsive choice procedures assess preferences between smaller-sooner (SS) and larger-later (LL) outcomes, with choices of the SS indicating impulsivity
- Understanding the complexities involved in measuring impulsive choice is paramount to understanding the sources of individual differences and the development of intervention strategies
- A number of different procedures have been developed to study impulsive choice in rats and these vary in their implementation of the manipulations of SS or LL delays and/or magnitudes, and the frequency and contingency of those manipulations
- The current study examined timing and choice behavior using three common measures^{1,2,4}.

METHOD

- Forty-eight male Sprague-Dawley rats were randomly assigned to or using

CONCLUSIONS

REFERENCES