

May 10th, 9:00 AM - 11:00 AM

Associations between the Willingness to Exert Cognitive Effort and Smoking Abstinence

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Associations between Willingness to Exert Cognitive Effort and Smoking Abstinence

**Austin A. Phanouvong
Honors Thesis
June 1st, 2017**

Participants

N (Males:females)	22 (12:10)
Age (years) (SD)	31.55 (6.97)
Current drug use (Percent who reported use in the last 30 days)	
Alcohol	77.27%
Marijuana	36.36%
Mean (SD) amounts of current drug use for those who use	
Alcohol drinks/week	7.21 (11.94)
Marijuana joints/week	0.83 (7.67)
Lifetime recreational drug use (Percent who reported lifetime use)	
Stimulants	4.55%
Sedatives/tranquilizers	4.55%
Hallucinogens	13.64%
Opiates	9.09%
Marijuana	45.45%
Other (includes inhalants)	4.55%
Cigarettes/day (SD)	9.91 (5.62)
Fagerström score (SD)	2.86 (1.88)
Contemplation Ladder Score Mean (SD)	5.45 (2.7)
Breath Carbon Monoxide (S1) - ppm (SD)	13.09 (6.42)
Breath Carbon Monoxide (S2) - ppm (SD)	14.95 (5.32)

Methods



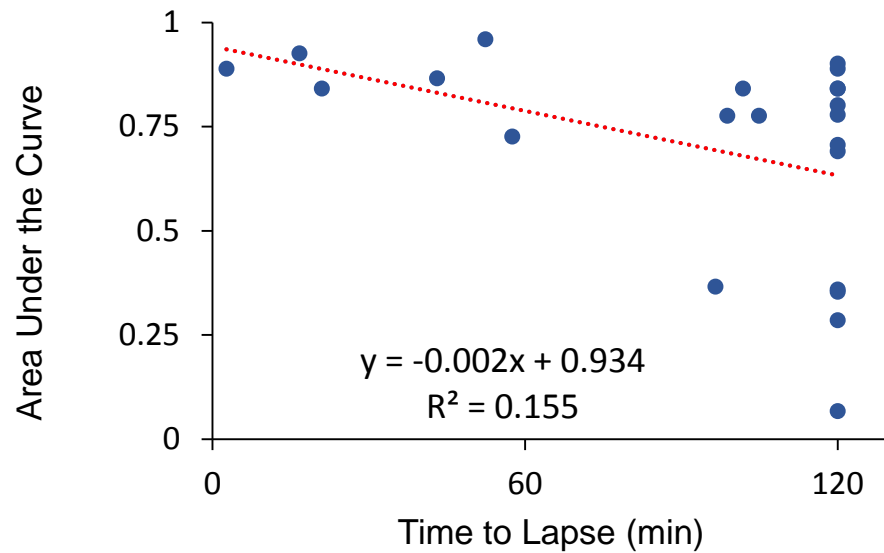
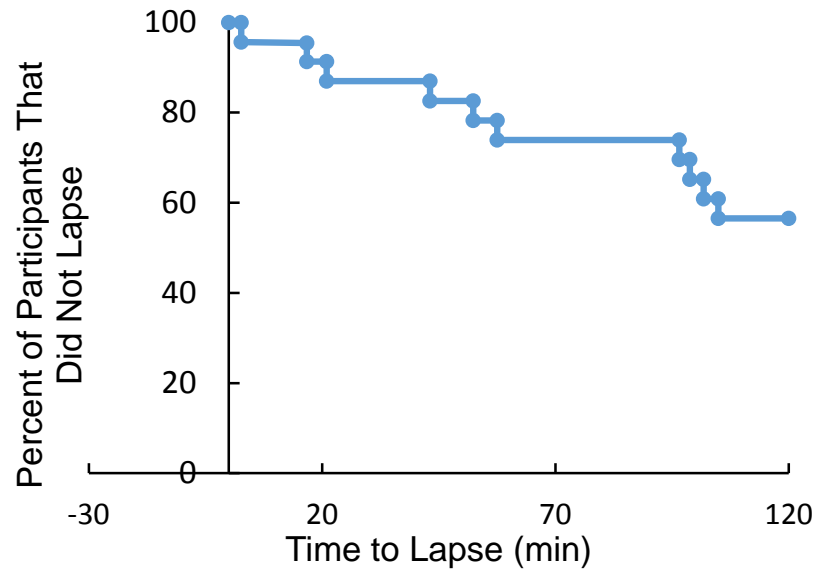
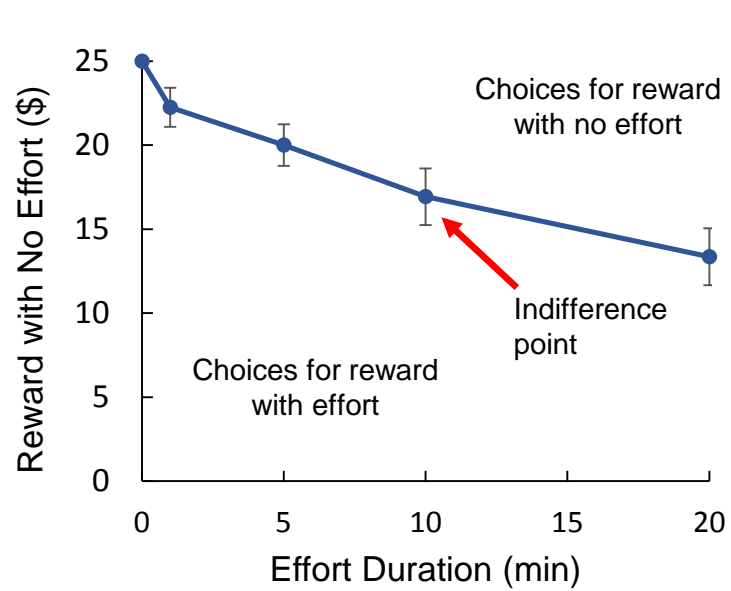
CE Discounting (grit): Participants made a series of choices between two alternatives:

Small Reward with No
Effort:
Range \$0-\$26

OR

\$25 + Effort
Effort for 1, 5, 10, or
20 min

Results



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5TL4GM118965-03, 5UL1GM118964-
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