

Self Control

1

Self Control

- Saving money for retirement
- Sticking to a diet
- Exercising regularly
- Staying faithful to your partner
- Quitting smoking
- Sticking to your 2 drink limit

What do these have in common?

2

Self Control Dilemma

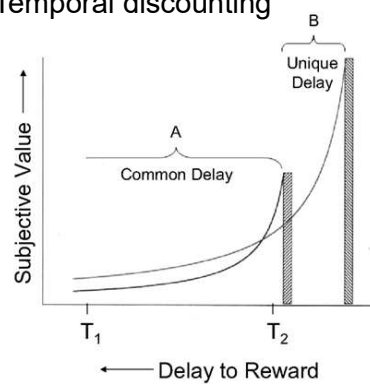
aka Dynamic Inconsistency

- Choice 1
 - SS apple in 7 days
 - LL apples in 8 days *
- Choice 2
 - SS apple today *
 - LL apples tomorrow

SS = smaller sooner
LL = larger later

3

Temporal discounting



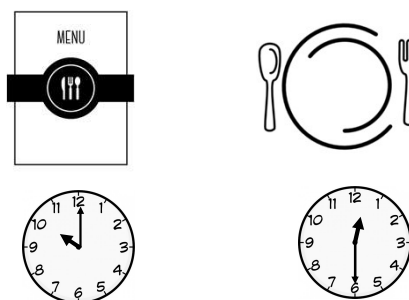
4

Ulysses and the Sirens



5

Ordering in Advance

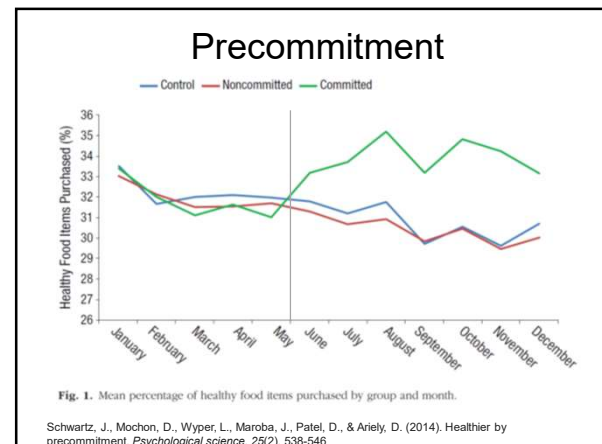


VanEpps, Downs, & Loewenstein (2016).

6



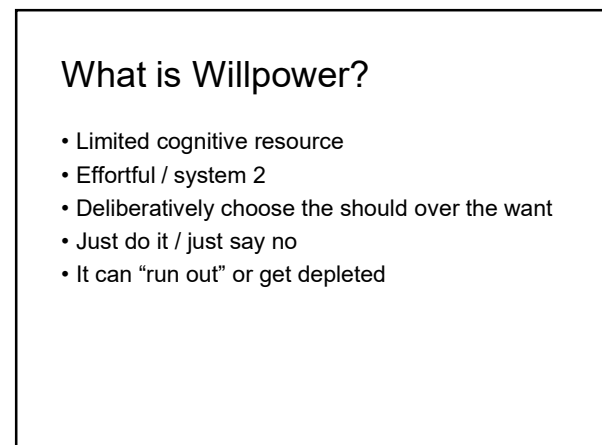
7



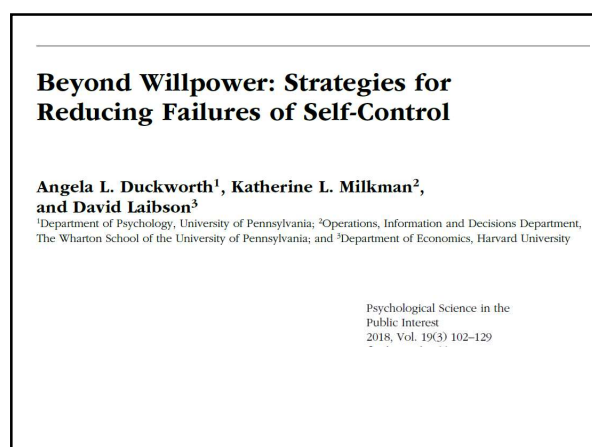
8



9



10



11



12

How to increase self control

1. Tax, regulate, restrict, ban
 - Soda tax
 - Cell phone ban in school
2. Nudge
 - Defaults for retirement savings
 - Reminders for seat belt use
3. Use science-backed strategies, not willpower
 - Precommitment
 - Make temptations less accessible

13

FREAKONOMICS RADIO BOOKS LECTURES ABOUT EXTRAS LIVE

Radio

When Willpower Isn't Enough (Ep. 200)

March 13, 2015 @ 12:02pm
by Stephen J. Dubner
PRODUCED BY: GREG ROSALSKY

[DOWNLOAD EPISODE](#)

[f](#) [t](#) [in](#)

14

MANAGEMENT SCIENCE
Articles in Advance, pp. 1–17
ISSN 0025-1909 (print) | ISSN 1526-5501 (online)
<http://dx.doi.org/10.1287/mnsc.2013.1784>
© 2013 INFORMAS

Holding the Hunger Games Hostage at the Gym: An Evaluation of Temptation Bundling

Katherine L. Milkman
The Wharton School, University of Pennsylvania, Philadelphia, Pennsylvania 19104, kmilkman@wharton.upenn.edu
Julia A. Minson
The Harvard Kennedy School, Harvard University, Cambridge, Massachusetts 02138, julia_minson@hks.harvard.edu
Kevin G. M. Volpp
The Wharton School, University of Pennsylvania, Philadelphia, Pennsylvania 19104, volpp70@wharton.upenn.edu

15

Temptation Bundling

N=226

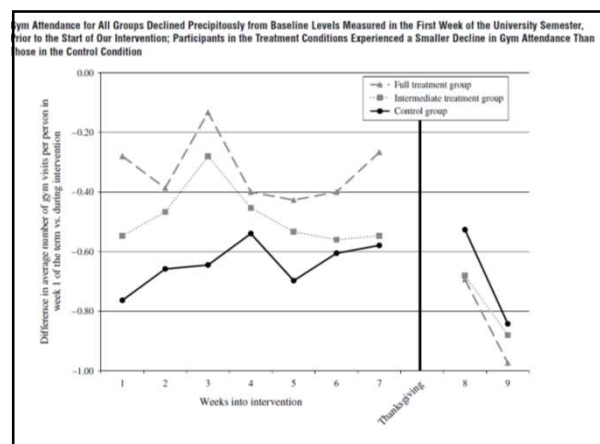
16

Table 2 Average Weekly Gym Attendance

	Control group (N = 76)	Intermediate treatment group (N = 75)	Full treatment group (N = 75)
Baseline (first week of school)	1.51 (1.80)	1.41 (1.50)	1.44 (1.60)
Rolling enrollment period			
Week 1 of intervention ^a	0.75 (1.17)	0.87 (1.38)	1.16 (1.51)
Week 2 of intervention	0.86 (1.38)	0.95 (1.40)	1.05 (1.45)
Week 3 of intervention	0.87 (1.26)	1.13 (1.53)	1.31 (1.58)
Week 4 of intervention	0.97 (1.36)	0.96 (1.38)	1.04 (1.34)
Week 5 of intervention	0.82 (1.35)	0.88 (1.26)	1.01 (1.21)
Week 6 of intervention	0.91 (1.38)	0.85 (1.34)	1.04 (1.27)
Week 7 of intervention	0.93 (1.47)	0.87 (1.39)	1.17 (1.45)
Pre-Thanksgiving total	6.11	6.51	7.79
Thanksgiving break			
Week 8 of intervention	0.99 (1.56)	0.73 (1.17)	0.75 (1.22)
Week 9 of intervention	0.67 (1.19)	0.53 (1.06)	0.47 (0.88)
Study total	7.76	7.77	9.00

Note. Standard deviations in parentheses.
^aNote that the week 1 averages exclude participants' gym visit made during our study's intake session, which was not a voluntary visit to the gym.

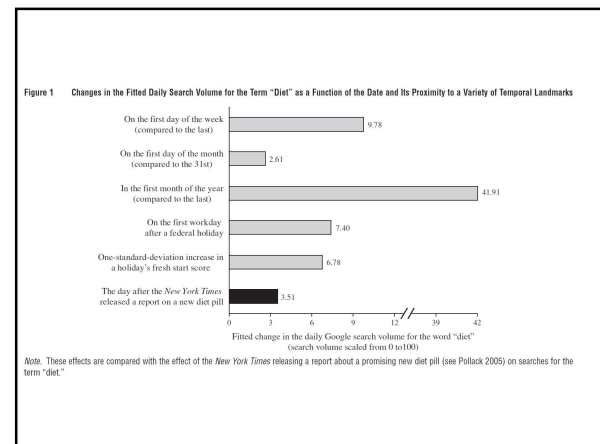
17



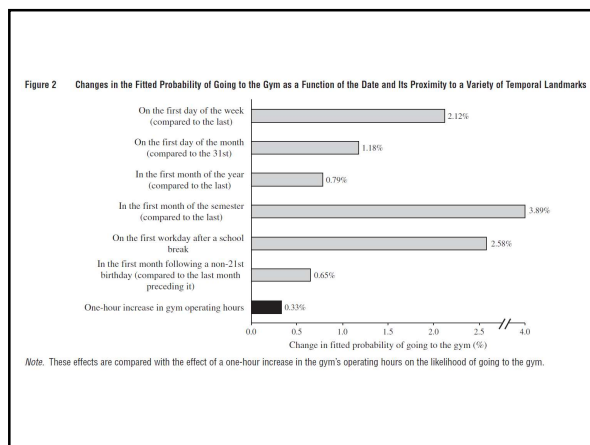
18



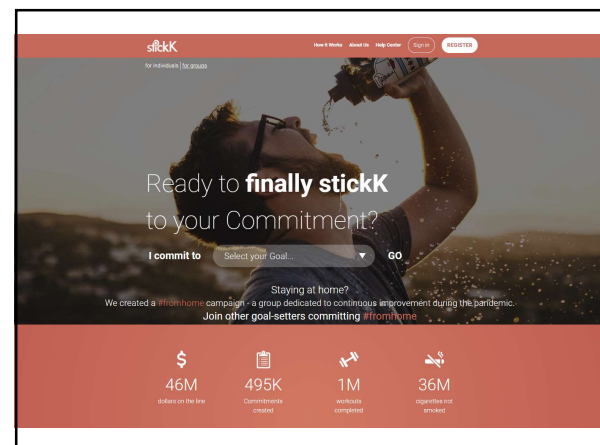
19



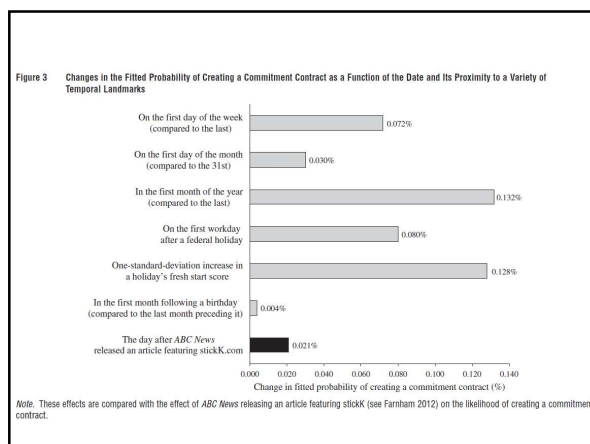
20



21



22



23

Self Control Solutions

- Deciding in advance
- Precommitment
- Temptation bundling
- Fresh start

24