Mass mobilizing students for open-science replications

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Article	St	Effect	Conclusions
Arkes and Blumer (1985)	1	Sunk Cost Fallacy	**Successful, Likely over-estimated**
Arkes and Blumer (1985)	4	Sunk Cost Fallacy	**Successful**
Cushman et al (2008)	1	Doing/Allowing morality	**Successful**
Greene et al (2002)	1b	Force-Intention in moral judgment	**Failed MTurk** **Incoclusive HK**
Malle Knobe (1997)	1	No actor-observer intentionality	**Mixed - has effect**
Pronin et al (2002)	1b	Bias blind spot Actor-observer bias	**Successful** **Mixed - has effect**
Pronin et al (2002)	2	Bias blind spot	**Successful**
Pronin et al (2007)	1	Actor-observer bias Conformity	**Failed replication**
Pronin Kugler (2010)	1	Actor-observer bias Freewill	**Fairly successful, much weaker effect**
Pronin & Kugler (2007)		Bias Blind Spot	**Fairly successful (MTurk 2/3)**
Royzman & Baron (2002)	2	Preference for indirect harm	**Successful, weaker effect**
Royzman & Baron (2002)	3	Preference for indirect harm	**Successful**
Tykocinski et al. (1995)	1	Inaction inertia	**Successful, weaker effects**
Wong & Kwong (2000)	1	Anchoring effect	**Failed replication**

Warning: Student calculations, needs to be reverified, and checked.
Red: Likely failed replication; Yellow: Inconclusive; Green: Likely successful

Autumn 2018-9: 2nd semester

St	Authors	Studies	Bias	Prediction Direction	Orig N	Replication N	CS	CNS	IS	INS	Conclusion
1	Baron, & Hershey, 1988	1	Outcome bias	Success	20	692	1				Successful
2	Epley & Gilovich 2006	1b	Anchoring-and-adjustment heuristic	Success	102	401	Too messy				Estimated low replicability
3	Epstein, Lipson, Holstein, & Huh 1992	1 & 2	Irrational reactions to negative outcomes	Success	83	1034	2	1			Mostly successful
4	Fischhoff, 1975	2	Hindsight bias	Success	260	894	11	4		1	Successful
5	Hamill, Wilson, & Nisbett, 1980	1	Insensitivity to sample bias	Success	124	890	2			1	Inconclusive, found unexpected effect
6	Hsee & Weber, 1997	1	Fundamental predictor error	Success	99	401	2	1			Mostly successful
7	Hsee, 1998	1, 2, 4	Less is better	Success	256	403	2		1		Mostly successful
8	Kruger etal, 2004	1 & 2	Effort heuristic	Success	200	705	1			1	1 semi-successful, 1 failed
9	Kruger, Wirtz & Miller 2005	2	First instinct fallacy	Success	23	401	3				Successful, Wronger effects
10	Mellers, Hertwig, & Kahneman, 2001	1	Conjunction effect	Success	432	1032	2				Successful
11	Miller, & McFarland, 1987	1	Pluralistic ignorance	Success	116	400	2			1	Mixed findings, main not supported
12	Schwarz, Strack, Hilton, & Naderer, 1991	1	Relevance of irrelevant information	Failure	44	604		1		1	Failure to replicate
13	Shafir, 1993	1 to 8	Choosing versus rejecting	Failure	277	1026	2	2	2	2	Failure to replicate
14	Shafir, Diamond, & Tversky, 1997	1 to 4	Money illusion	Success	323	604	4				Successful
15	Slovic & Fischhoff, 1977	1	Hindsight bias	Success	184	604	5	3			Successful
16	Staw, 1976	1	Escalation of commitment	Success	240	403	1		1		Inconclusive -> Failure
17	Tversky & Shafir, 1992	1	Disjunction effect	Success	298	894	1			1	1 successful, 1 failed
18	Zeelenberg etal 1996	1	Regret aversion	Success	78	452		1		1	Inconclusive -> Failure

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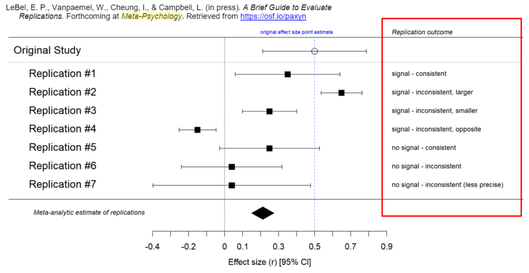
CS = Consistent signal
IS = Inconsistent signal

CNS = Consistent no signal
INS = Inconsistent no signal

Evaluating replications



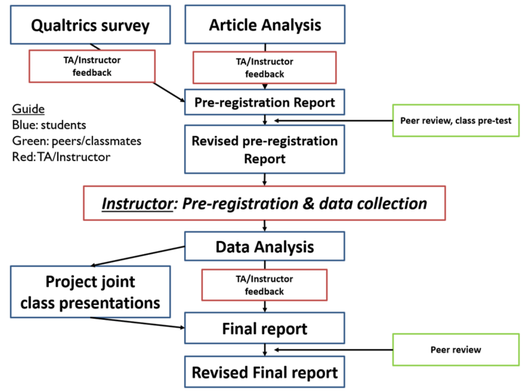
45+ pre-registered replications of impactful JDM articles completed

Successful: 26 (67%)
Inconclusive: 6 (15%)
Unsuccessful: 7 (18%)

20+ replications planned, **join us!**

SCAN ME

Replication process



Open Resources

Replications in teaching JDM and open-science:
http://mgto.org/teaching-courses/

Collaborative pre-registered replication guide:
https://tinyurl.com/replicationguide

Replications Google drive:
https://tinyurl.com/hku2019replications

Collaborative JAMOVI / JASP/ R guides:
https://tinyurl.com/jamovijasprguide

Collaborative extensions guide:
https://tinyurl.com/extensionsguide

ECRs: Join us!

If you're an Early Career Researcher (advanced PhD, post-doc, assistant professor) committed to open-science and interested in JDM, **we invite you to join us**. Read about joining the project: https://tinyurl.com/joinmassreplication

Learn more

See list of concluded and planned replications:
http://mgto.org/pre-registered-replications/

Read reports, browse open data and code:
http://mgto.org/working-papers/#massreplications

Watch videos about science crisis:
http://mgto.org/research-interests/#crisis

Join mailing list:
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PREREGISTERED
OPEN DATA
OPEN MATERIALS