

45+ pre-registered replications of impactful JDM articles completed

Successful replications: 26 (67%) Inconclusive: 6 (15%); Failed: 7 (18%)

20+ replications planned, join us!

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 Inconclusive HK
Malle Knobe (1997)	1	No actor-observer intentionality	Mixed - has effect
Pronin et al (2002)	1b	Bias blind spot	Successful
Pronin et al (2002)	1b	Actor-observer bias	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)	1	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
Tykcinski et al. (1995)	1	Inaction inertia	Successful, weaker effects
Wong & Kwong (2000)	1	Anchoring effect	Failed replication

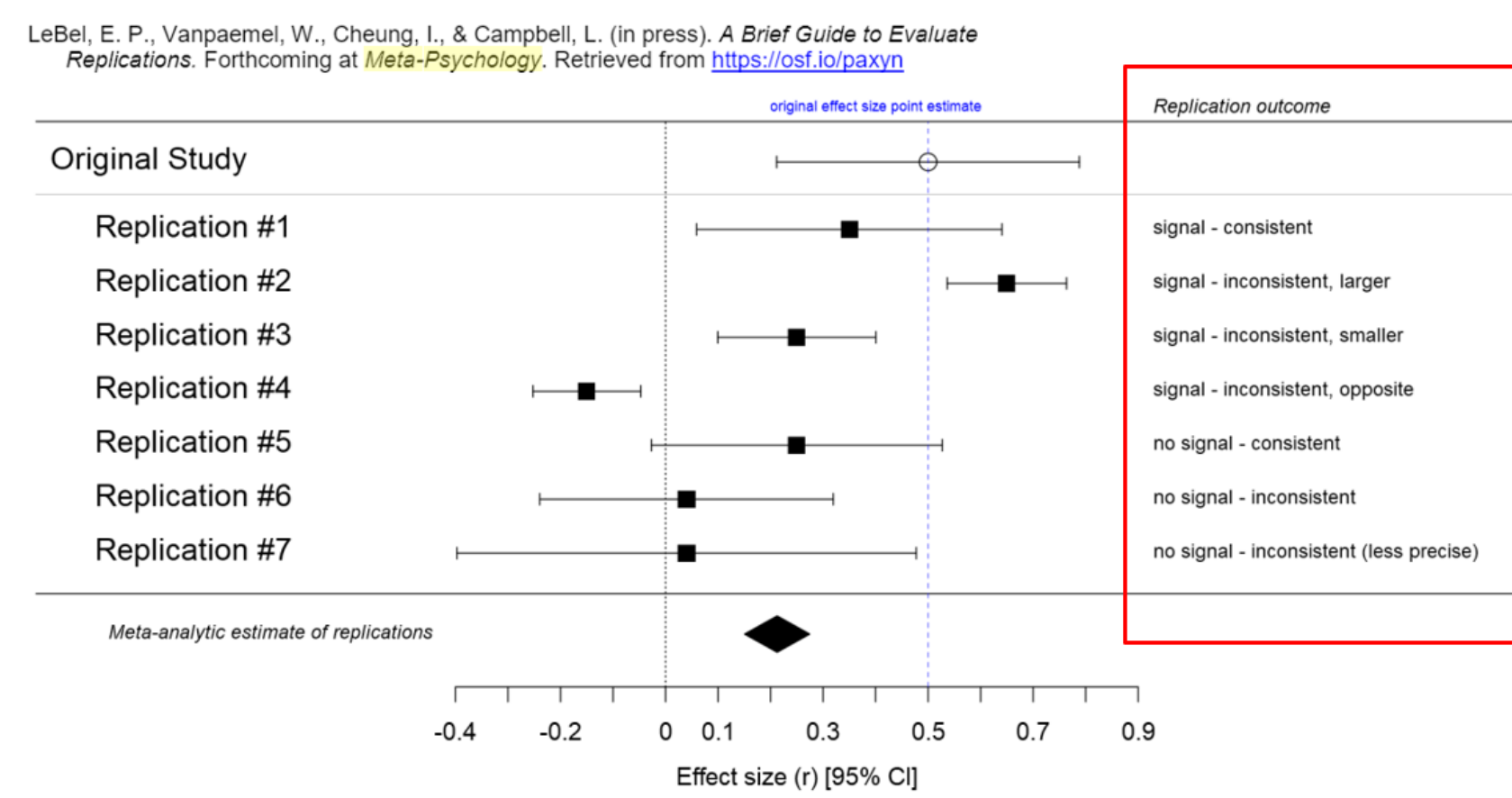
Warning: Student calculations, needs to be reverified, and checked.
Red: Likely failed replication; Yellow: Inconclusive; Green: Likely successful

Autumn 2018-9: 2nd semester

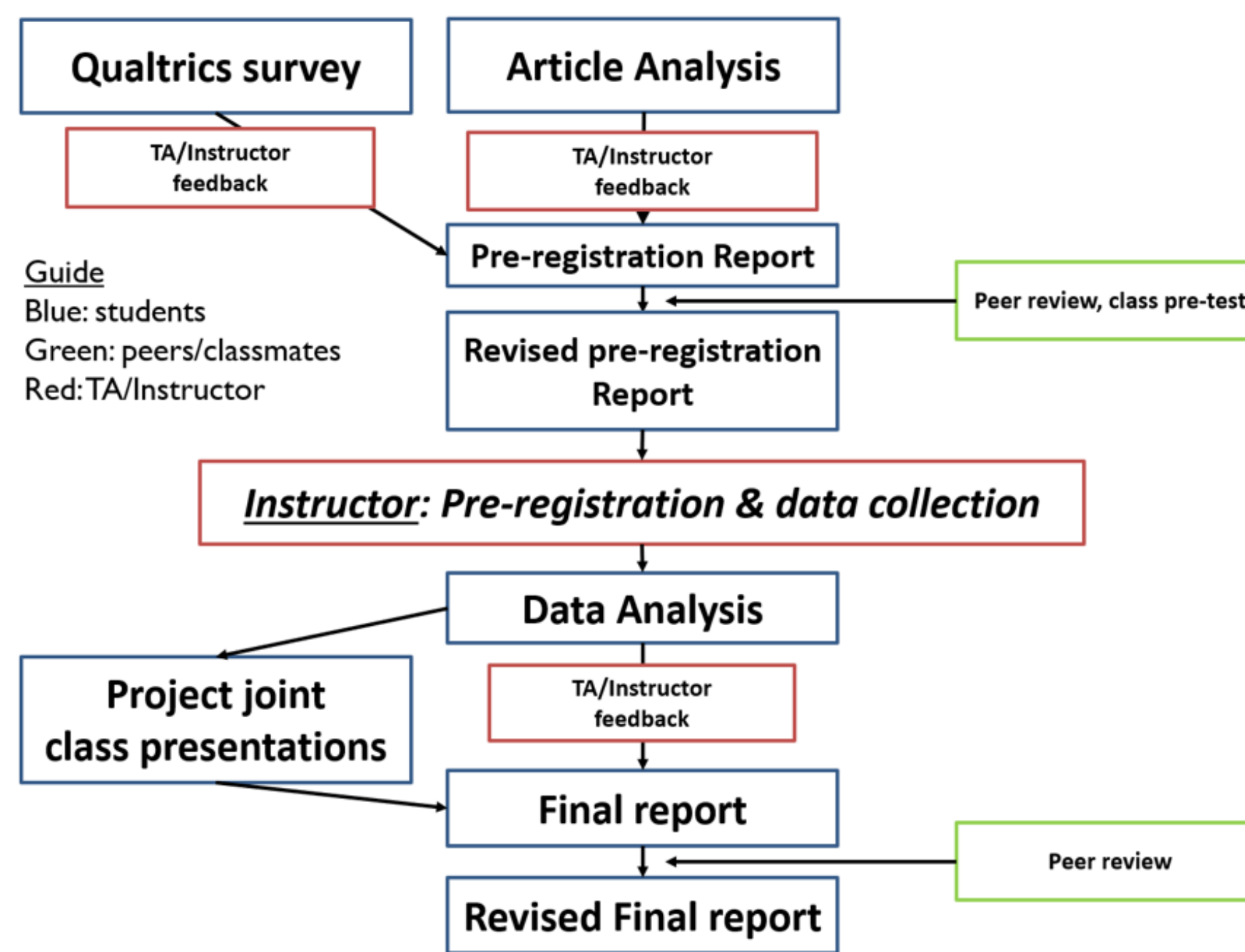
St	Authors	Studies	Bias	Prediction	Orig	Replication	Results	Conclusion	
1	Baron & Hershey, 1988	1	Outcome bias	Success	20	692	1	Successful	
2	Giloy & Gino, 2009	1b	Anchoring and adjustment heuristic	Success	101	401	1	Estimated low replicability	
3	Epstein, Lipson, Holstein, & Huh 1992	1 & 2	Irrational reactions to negative outcomes	Success	83	3334	2	Mostly successful	
4	Fudenberg, 1975	2	hindsight bias	Success	200	694	11	4	Successful
5	Hanvelt, Wilson, & Nisbett, 1980	1	Inconsistency to sample bias	Success	124	490	2	1	Successful, found unexpected effect
6	Hsee & Weber, 1997	1	Fundamental predictor error	Success	99	401	2	1	Mostly successful
7	Hsee, 1998	1, 2, 4	Loss aversion	Success	256	603	2	1	Mostly successful
8	Kugler et al., 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	1	Successful, stronger effects
10	Keller, Henning, & Johnson, 2001	1	Conjunction effect	Success	423	2332	2	1	Successful
11	Miller, & McFarland, 1987	1	Pluralistic ignorance	Success	116	400	2	1	Mixed findings, main not supported
12	Schwartz, Strack, Hilton, & Naderev, 1991	1	Relevance of irrelevant information	Failure	44	604	1	1	Failure to replicate
13	Shafir, 1993	1 to 8	Choosing versus rejecting	Failure	271	1036	2	2	Failure to replicate
14	Shafir, Diamond, & Tversky, 1997	1 to 4	Money illusion	Success	323	604	4	1	Successful
15	Slovic & Fischhoff, 1977	1	Hindsight bias	Success	144	604	5	3	Successful
16	Staw, 1976	1	Excitation of commitment	Success	262	403	1	1	Inconclusive -> Failure
17	Tversky & Shafir, 1992	1	Disjunction effect	Success	298	894	1	1	1 successful, 1 failed
18	Zelenberg et al 1996	1	Regret aversion	Success	21	452	1	1	Inconclusive -> Failure

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Red: Likely failed replication; Yellow: Inconclusive; Green: Likely successful
CS = Consistent signal; IS = Inconsistent signal; CNS = Consistent no signal; INS = Inconsistent no signal

Evaluating replications



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>

Who is involved?

- Social Psychology Fundamentals: 70 students
- 2 Social Psychology Advanced: 50 students
- 5 Teaching assistants
- 10 Early Career Researchers from 8 countries

Status

- 3 preprints under review
- 10 replication projects in writing
- 20 replications awaiting collaborators.

Learn more

- Concluded and planned replications:
<http://mgto.org/pre-registered-replications/>
- Reports, open data, and code:
<http://mgto.org/working-papers/#massreplications>
- Videos about science crisis:
<http://mgto.org/research-interests/#crisis>
- Mailing list:
<http://tinyurl.com/giladmailinglist>

Plan for 2019-20

- Funding: 250k HKD (~32k USD)
- 20+ replications planned:
<http://mgto.org/pre-registered-replications/#planned>

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>



Care about JDM and open-science? Join us!

