

# Štěpán Bahník

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H-index: 11 (WoS), 18 (Google Scholar)

Total number of citations: 3531 (WoS), 8233 (Google Scholar)

## EDUCATION

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Ph.D. Natural Sciences (Social Psychology), University of Würzburg (2017)  
M.Sc. Biology, Charles University in Prague (2013)  
M.A. Psychology, Charles University in Prague (2011)  
B.Sc. Biology, Charles University in Prague (2011)  
M.Sc. Corporate Economics and Management, University of Economics, Prague (2010)  
B.Sc. Corporate Economics and Management, University of Economics, Prague (2009)

## RESEARCH EXPERIENCE

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1/2017 – present The Prague College of Psychosocial Studies  
9/2016 – present Faculty of Business Administration, Prague University of Economics and Business  
10/2013 – 8/2016 University of Würzburg, Department of Psychology II, Social Psychology  
11/2010 – 9/2013 Institute of Physiology, Academy of Sciences of the Czech Republic, Department of Neurophysiology of Memory

## PUBLICATIONS

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### in press

Urban, J., Braun Kohlová, M., & **Bahník, Š.** (in press). No Evidence of Within-Domain Moral Licensing in the Environmental Domain. *Environment and Behavior*.

### 2021

**Bahník, Š.** (2021). Anchoring without scale distortion. *Judgment and Decision Making*, 16, 131-141.

**Bahník, Š.**, Efindic, E., & Vranka, M. A. (2021). Sacrificing oneself or another: The difference between prescriptive and normative judgments in moral evaluation. *Psychological Reports*, 124, 108-130.

**Bahník, Š.**, & Vranka, M. A. (2021). Consistency and contrast effects in moral evaluation of euthanasia. *Current Psychology*, 40, 822-830.

**Bahník, Š.**, Vranka, M. A., & Trefná, K. (2021). What makes euthanasia justifiable? The role of symptoms' characteristics and interindividual differences. *Death Studies*, 45, 226-237.

Houdek, P., **Bahník, Š.**, Hudík, M., & Vranka, M. (2021). Selection Effects on Dishonest Behavior. *Judgment and Decision Making*, *16*, 238-266.

Kliegr, T., **Bahník, Š.**, & Fürnkranz, J. (2021). A review of possible effects of cognitive biases on interpretation of rule-based machine learning models. *Artificial Intelligence*, *295*.

## 2020

Kliegr, T., **Bahník, Š.**, & Fürnkranz, J. (2020). Advances in Machine Learning for the Behavioral Sciences. *American Behavioral Scientist*, *64*, 145-175.

## 2019

**Bahník, Š.** (2019). Disfluent, but fast: Inverted-U shaped effect of fluency on decision times. *Experimental Psychology*, *66*, 346-354.

**Bahník, Š.**, Houdek, P., Vrbová, L., & Hájek, J. (2019). Variations on anchoring: Sequential anchoring revisited. *Judgment and Decision Making*, *14*, 711-720.

Schulz, D., & **Bahník, Š.** (2019). Gender associations in the twentieth-century English-language literature. *Journal of Research in Personality*, *81*, 88-97.

Urban, J., **Bahník, Š.**, & Braun Kohlová, M. (2019). Green consumption does not make people cheat: Three replications of a moral licensing experiment. *Journal of Environmental Psychology*, *63*, 139-147.

## 2018

Klein, R. A., Vianello, M., Hasselman, F., Adams, B. G., Adams, R. B., Alper, S., ... **Bahník, Š.**, ... Nosek, B. A. (2018). Many labs 2: Investigating variation in replicability across sample and setting. *Advances in Methods and Practices in Psychological Science*, *1*, 443-490.

Popelíková, A., **Bahník, Š.**, Lobellová, V., Svoboda, J., & Stuchlík, A. (2018). Mnemonic and behavioral effects of biperiden, an M1-selective antagonist, in the rat. *Psychopharmacology*, *235*, 2013-2025.

Silberzahn, R., Uhlmann, E. L., Martin, D. P., Anselmi, P., Aust, F., Awtrey, E. C., **Bahník, Š.**, ... Nosek, B. A. (2018). Many analysts, one dataset: Making transparent how variations in analytical choices affect results. *Advances in Methods and Practices in Psychological Science*, *1*, 337-356.

Vranka, M. A., & **Bahník, Š.** (2018). Bureaucracy game: A new computer task for the experimental study of corruption. *Frontiers in Psychology*, *9*:1511. doi: 10.3389/fpsyg.2018.01511

## 2017

**Bahník, Š.**, English, B., & Strack, F. (2017). Anchoring effect. In R. F. Pohl (Ed.). *Cognitive Illusions: Intriguing Phenomena in Thinking, Judgment, and Memory* (2<sup>nd</sup> ed.) (pp. 223-241). Hove, UK: Psychology Press.

**Bahník, Š.**, & Rubínová, E. (2017). Psychological methodology in practice of a clinical neuropsychologist. In P. Kulišťák (Ed.). *Clinical Neuropsychology in Practice* (pp. 254-274). Prague, Czech Republic: Karolinum. [in Czech]

**Bahník, Š.**, & Vranka, M. A. (2017). Growth mindset is not associated with scholastic aptitude in a large sample of university applicants. *Personality and Individual Differences*, *117*, 139-143.

**Bahník, Š.**, & Vranka, M. A. (2017). If it's difficult to pronounce, it might not be risky: The effect of fluency on judgment of risk does not generalize to new stimuli. *Psychological Science*, *28*, 427-436.

## 2016

Anderson, C. J., **Bahník, Š.**, Barnett-Cowan, M., Bosco, F. A., Chandler, J., Chartier, C. R., ... Zuni, K. (2016). Response to a comment on "Estimating the reproducibility of psychological science". *Science*, *351*, 1037.

**Bahník, Š.**, & Strack, F. (2016). Overlap of accessible information undermines the anchoring effect. *Judgment and Decision Making*, *11*, 92-98.

Cheung, I., Campbell, L., LeBel, E., Ackerman, R. A., Aykutoğlu, B., **Bahník, Š.**, ... Yong, J. C. (2016). Registered Replication Report: Study 1 from Finkel, Rusbult, Kumashiro, & Hannon (2002). *Perspectives on Psychological Science*, *11*, 750-764.

Strack, F., **Bahník, Š.**, & Mussweiler, T. (2016). Anchoring: Accessibility as a Cause of Judgmental Assimilation. *Current Opinion in Psychology*, *23*, 67-70.

Vranka, M., & **Bahník, Š.** (2016). Differences in autonomy of humans and ultrasocial insects. *Behavioral and Brain Sciences*, *39*, 38-39.

Vranka M. A., & **Bahník, Š.** (2016). Is the emotional dog blind to its choices? An attempt to reconcile the Social intuitionist model and the choice blindness effect. *Experimental Psychology*, *63*, 180-188.

## 2015

**Bahník, Š.**, & Stuchlík, A. (2015). Temporal and spatial strategies in an active place avoidance task on Carousel: A study of effects of stability of arena rotation speed in rats. *PeerJ*, *3*:e1257.

**Bahník, Š.**, Vranka, M., & Dlouhá, J. (2015). X good things in life: Processing fluency effects in the "Three good things in life" exercise. *Journal of Research in Personality*, *55*, 91-97.

Open Science Collaboration (2015). Estimating the Reproducibility of Psychological Science. *Science*, *349*, 943.

## 2014

Alogna, V. K., Attaya, M. K., Aucoin, P., **Bahník, Š.**, Birch, S., Birt, A. R., ... Zwaan, R. A. (2014). Registered Replication Report: Schooler and Engstler-Schooler (1990). *Perspectives on Psychological Science*, *9*, 556-578.

Klein, R. A., Ratliff, K. A., Vianello, M., Adams, R. B., Jr., **Bahník, Š.**, Bernstein, M. J., ... Nosek, B. A. (2014). Data from Investigating Variation in Replicability: A "Many Labs" Replication Project. *Journal of Open Psychology Data*, *2(1)*: e4, doi: <http://dx.doi.org/10.5334/jopd.ad>

Klein, R. A., Ratliff, K. A., Vianello, M., Adams, R. B., Jr., **Bahník, Š.**, Bernstein, M. J., ... Nosek, B. A. (2014). Investigating Variation in Replicability: A "Many Labs" Replication Project. *Social Psychology*, *45*, 142-152.

Klein, R. A., Ratliff, K. A., Vianello, M., Adams, R. B., Jr., **Bahník, Š.**, Bernstein, M. J., ... Nosek, B. A. (2014). Theory Building Through Replication: Response to Commentaries on the "Many Labs" Replication Project. *Social Psychology*, *45*, 307-310.

Open Science Collaboration (2014). The Reproducibility Project: A model of large-scale collaboration for empirical research on reproducibility. In V. Stodden, F. Leisch, & R. D. Peng (Eds.),

*Implementing Reproducible Computational Research* (A Volume in The R Series), NY, NY: Taylor & Francis.

- Petrasek, T., Prokopova, I., **Bahník, S.**, Schonig, K., Berger, S., Vales, K., ... Stuchlik, A. (2014). Nogo-A downregulation impairs place avoidance in the Carousel maze but not spatial memory in the Morris water maze. *Neurobiology of Learning and Memory*, *107*, 42-49.
- Petrasek, T., Prokopova, I., Sladek, M., Weisssova, K., Vojtechova, I., **Bahník, S.**, ... Stuchlik, A. (2014). Nogo-A-deficient transgenic rats show deficits in higher cognitive functions, decreased anxiety and altered circadian activity patterns. *Frontiers in Behavioral Neuroscience*, *8:90*. doi: 10.3389/fnbeh.2014.00090

## 2012

- Prokopova, I., **Bahník, S.**, Doulames, V., Vales, K., Petrasek, T., Svoboda, J., & Stuchlik, A. (2012). Synergistic effects of dopamine D2-like receptor antagonist sulpiride and beta-blocker propranolol on learning in the Carousel maze, a dry-land spatial navigation task. *Pharmacology, Biochemistry and Behavior*, *102*, 151-156.
- Bahník, Š.** (2012). Anchoring in the courtroom. *Psychologie pro praxi*, *47*, 93-102. [in Czech]

## PREPRINTS

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- Bahník, Š.**, & Vranka, M. A. (2020). *Experimental test of the effects of punishment probability and size on the decision to take a bribe*. Retrieved from [osf.io/cfwvj/](https://osf.io/cfwvj/)
- Bahník, Š.**, & Vranka, M. (2017). *Grit shows a negative association with scholastic aptitude in a large sample of university applicants*. Retrieved from [osf.io/nh88v](https://osf.io/nh88v)
- Efendić, E., Bartoš, F., Vranka, M. A., & **Bahník, Š.** (2019). *A minority deliberately cheats for one's own and other's benefit: An investigation of dicehonesty using mouse tracking*. Retrieved from [psyarxiv.com/rn85h](https://psyarxiv.com/rn85h)
- Hadrava, M., & **Bahník, Š.** (2016). *Off key or off beat? Tonality pertains to rhythms, too*. Retrieved from [osf.io/wn4k2](https://osf.io/wn4k2)
- Isager, P. M., van Aert, R. C. M., **Bahník, Š.**, Brandt, M. J., DeSoto, K. A., Giner-Sorolla, R., ... Lakens, D. (2020). *Deciding what to replicate: A formal definition of "replication value" and a decision model for replication study selection*. Retrieved from [osf.io/preprints/metaarxiv/2gurz](https://osf.io/preprints/metaarxiv/2gurz)
- Vranka, M. A., Hudík, M., Frollová, N., **Bahník, Š.**, Sýkorová, M., & Houdek, P. (2021). *Honesty of Online Workers: A Field Experiment shows no Evidence of Self-Selection of Cheaters to a Cheating-enabling Work Environment*. Retrieved from [osf.io/zvsdb](https://osf.io/zvsdb)
- Wagenmakers, E., Sarafoglou, A., Aarts, S., Dr., Albers, C. J., Algermissen, J., **Bahník, Š.**, ... Aczel, B. (2021). *Toward More Transparency in Statistical Practice*. Retrieved from [osf.io/preprints/metaarxiv/t93cg/](https://osf.io/preprints/metaarxiv/t93cg/)

## CONFERENCE PRESENTATIONS

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- Bahník, Š.**, & Vranka, M. (2020, December). *Experimental test of the effects of punishment probability and size on the decision to take a bribe*. Poster session presented at the meeting of the Society of Judgment and Decision Making.

- Houdek, P., Bahník, Š., Vranka, M., & Hudík, M. (2019, November). *Selection effects on dishonest behavior: Do experiments on dishonesty have external validity?* Poster session presented at the meeting of the Society of Judgment and Decision Making, Montreal, Canada.
- Bahník, Š., Houdek, P., Vranka, M., & Hudík, M. (2019, August). *Selection effects on dishonest behavior: Do experiments on dishonesty have external validity?* Paper presented at the Subjective Probability, Utility, and Decision Making Conference, Amsterdam, Netherlands.
- Bahník, Š., Schulz, D., & Houdek, P. (2018, November). *Reflections of economic trends in the English literature.* Poster session presented at the meeting of the Society of Judgment and Decision Making, New Orleans, LA.
- Bahník, Š., & Vranka, M. (2017, November). *The Robin Hood effect: The effect of income on perceived fairness of monetary punishment.* Poster session presented at the meeting of the Society of Judgment and Decision Making, Vancouver, Canada.
- Bahník, Š., & Vranka, M. (2017, August). *Predictors of corruptibility in a new bureaucracy simulation game.* Paper presented at the Subjective Probability, Utility, and Decision Making Conference, Haifa, Israel.
- Bahník, Š., & Vranka, M. (2016, November). *Effects of personality, perspective, and question format on overconfidence.* Poster session presented at the meeting of the Society of Judgment and Decision Making, Boston, MA.
- Bahník, Š., & Vranka, M. (2015, November). *If it's difficult to pronounce, it might not be risky: Fluency, risk perception, and random sampling of stimuli.* Poster session presented at the meeting of the Society of Judgment and Decision Making, Chicago, IL.
- Bahník, Š., & Strack, F. (2015, August). *Overlap of Accessible Information Undermines the Anchoring Effect.* Paper presented at the Subjective Probability, Utility, and Decision Making Conference, Budapest, Hungary.
- Vranka, M., & Bahník, Š. (2015, May). *The difference in prescriptive and normative moral judgment: Moral asymmetry in self- and other- sacrifice judgments in trolley-like dilemmas.* Poster session presented at the meeting of the Association for Psychological Science, New York, NY.
- Bahník, Š., & Strack, F. (2014, November). *Overlap of accessible information undermines the anchoring effect.* Poster session presented at the meeting of the Society of Judgment and Decision Making, Long Beach, CA.
- Bahník, Š., & Vranka, M. (2014, July). *If it's easy to pronounce, it might be risky: The effect of fluency on judgment of risk depends on a category of risk.* Poster session presented at the meeting of the European Association of Social Psychology, Amsterdam, Netherlands.

## INVITED TALKS

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- Bahník, Š. (2019, May). *Does social psychology have to disguise itself as behavioral economics to have an impact? A case of dishonesty research.* Keynote speaker at the 18<sup>th</sup> International Conference on Work and Organizational Psychology, Brno, Czech Republic.

## TEACHING

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### Ph.D.:

- Methodology for scientific research (2020-today)
- Statistical methods for quantitative research (2020-today)

### Master's:

Research methods (2016-today)  
Managerial decision making and problem solving (2016-today)

**Bachelor's:**

Big data in management (2020-today)  
Introduction to empirical and experimental research methods (2015-2016)  
Moral judgment (2015-2016)

**SOFTWARE**

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Carousel Maze Manager      Python program for analyzing data from widely used behavioral tasks  
[https://github.com/bahniks/CM\\_Manager\\_0\\_4\\_0](https://github.com/bahniks/CM_Manager_0_4_0)

**AD HOC REVIEWER**

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**Journals:**

Advances in Methods and Practices in Psychological Science  
American Behavioral Scientist  
Applied Cognitive Psychology  
British Journal of Educational Psychology (x 2)  
Central European Business Review  
Experimental Psychology  
Intelligence  
Journal of Consumer Behaviour  
Journal of Experimental Psychology: Learning, Memory, and Cognition (x 3)  
Journal of Experimental Social Psychology (x 2)  
Judgment and Decision Making (x 2)  
Learning and Individual Differences  
Legal and Criminological Psychology  
OMEGA - Journal of Death and Dying  
Personality and Individual Differences (x 2)  
Personality and Social Psychology Bulletin  
Perspectives on Psychological Science  
Psychological Reports  
Psychological Science (x 2)  
Scandinavian Journal of Psychology  
Studia Psychologica  
The Journal of Social Psychology (x 3)

**Funding agencies and organizations:**

Association for Psychological Science Student Caucus  
Internal Grant Agency, Faculty of Business Administration, University of Economics, Prague  
National Science Centre, Poland  
Technology Agency of the Czech Republic  
The Ministry of Education, Youth and Sports of the Czech Republic

**OTHER SERVICE**

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Ethics committee of Charles University Environment centre – vice-chair (2016-today)  
Technology Agency of the Czech Republic – psychology and pedagogy expert panel member for programme ÉTA (2020-2021)

**FUNDING**

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2019 – 2021      *Experimental study of predictors of corrupt behavior* (PI)  
Czech Science Foundation, standard project  
2018 – 2020      *Testing External Validity of Experiments on Dishonest Behavior* (team member)

- 2017 – 2018 Czech Science Foundation, standard project  
*The use of Google Ngram database for the study of economics and management* (PI)  
Internal Grant Agency of FBA, University of Economics, Prague
- 2015 *Registered replication data collection support* (team member)  
Association for Psychological Science
- 2014 *Registered replication data collection support* (team member)  
Association for Psychological Science

## **AWARDS**

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- 2019 FBA, University of Economics, Prague dean's award for best publication – 3<sup>rd</sup> place
- 2017 FBA, University of Economics, Prague dean's award for best publication – 1<sup>st</sup> place
- 2017 University of Economics, Prague rector's award for best publication – 3<sup>rd</sup> place
- 2016 a publication award from GK Emotions, University of Würzburg

## **FURTHER EDUCATION**

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International Summer School 2015 on *Theories and Methods in Judgment and Decision Making*  
*Research*

## **PROFESSIONAL INTERESTS**

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judgment and decision making, moral judgment, moral behavior, processing fluency, anchoring effect, methodology, choice blindness, open science, psychoinformatics

12 April 2021