

# Magdalena Soukupova

[mag.soukupova@gmail.com](mailto:mag.soukupova@gmail.com)

## Research Experience

- 09/2019-12/2021 Département d'Études cognitives, École Normale Supérieure  
Research Assistant **Effect of context on choice and value judgements in learning and decision making**  
Supervised by Stefano Palminteri  
Main tasks: Designed, programmed and ran multiple online experiments, analysed data and wrote scripts for computational modelling (R, MATLAB) and helped with organization of a neuroeconomics seminar series.
- 8/2016 – 06/2019 Department of Education and Psychology, Freie Universitaet Berlin  
Thesis project **Effect of gaze bias on choice, confidence and accuracy in perceptual decisions**  
Supervised by Ulf Toelch  
Main Tasks: Designed and programmed experimental tasks (PsychoPy), which also included eyetracking, wrote scripts for data analysis (R) and fitted DDM models
- 10/2017 – 12/2017 Universitaet zu Luebeck  
Research Assistant **Food and gaze study**  
Supervised by Apoorva Rajiv Madipakkam  
Main Tasks: Recruited participants and collected behavioural data
- 09/2014-12/2014 School of Life Sciences, University of Glasgow  
Research Project II **Effect of nitric oxide on contraction in the mouse vas deferens**  
Supervised by Craig Daly  
Main Tasks: Carried out pharmacology experiments in mice and analysed the results
- 09/2013-08/2014 Department of Psychiatry, University of Oxford  
Research Project I **Reward and effort guided learning and decision making in depression. fMRI study.**  
Supervised by Jacqueline Scholl & Catherine Harmer  
Main Tasks: Recruited participants, did structured clinical interviews and behavioural testing, assisted during fMRI data collection, analysed both the behavioural (MATLAB) and fMRI data (preliminary analysis – FSL), analysed EEG data (eeglab)
- 06/2012-09/2012 Max Planck Institute of Psychiatry, Munich  
Summer Research Project (Amgen Scholar Program) **Reproducibility of proteome profiling and quantification by mass spectrometry using 15N metabolic labelled mouse brain and plasma.**  
Supervised by Giuseppina Maccarrone  
Main Tasks: Carried out laboratory experiments, analysed the results, and reviewed software for proteome profiling
- 05/2011-06/2011 Institute of Molecular Cell and Systems Biology, University of Glasgow  
Summer Research Project (Dobbie Smith Program) **Expression of proteins involved in immune response of potato plants infected with Cauliflower Mosaic virus (CaMV)**  
Supervised by Joel Milner  
Main Task: Carried out laboratory experiments

# Education

2022 – 2024	<b>PhD in Cognitive Science, École Normale Supérieure Paris</b>
Preliminary thesis title	Effect of context on choice and value judgements in learning and decision making
2015 – 2019	<b>MSc Social, Cognitive and Affective Neuroscience, Freie Universitaet Berlin</b>
Thesis Project	Effect of gaze Bias on choice, confidence and accuracy in perceptual decisions
2010 – 2015	<b>MSci Pharmacology, University of Glasgow</b>
Research Project I	Reward and effort guided learning and decision making in depression
Research Project II	Effect of nitric oxide on contraction in the mouse vas deferens

# Publications

[under review]	Chierchia, G., Soukupová, M., Kilford, E.J., Griffin, C., Leung, J.T., Blakemore, S.-J., Palminteri, S., 2021. Choice-confirmation bias in reinforcement learning changes with age during adolescence. doi:10.31234/osf.io/xvzwb
12/2016	Soukupova, M. Anhedonia: In search of pleasure [Blog Post]
5/2016	Soukupova, M. Impenetrable faces: Social cognition and schizophrenia. [Blog Post]
03/2015	Filiou, M., Soukupova, M., Rewerts, C., Webhofer, C., Turck, C. and Maccarrone, G., 2015. Variability assessment of 15 N metabolic labelling-based proteomics workflow in mouse plasma and brain. Mol. BioSyst. doi: 10.1039/C4MB00702F

# Skills

Coding	R, Matlab, Python, Javascript, HTML
Computational Modelling	Reinforcement learning models, DDM
Task Design	PsychoPy (Python), PsychToolbox (MATLAB)
Methods	Online behavioral studies (Prolific), eyetracking,
Languages	Czech (native), English (fluent), French (basic), German (basic)