

# RESEARCH PAPER COVER SHEET

Please note that a cover sheet must be completed for each research paper included within a thesis.

## SECTION A – Student Details

Student ID Number	2005283	Title	Mr
First Name(s)	Nikos Ioannis		
Surname/Family Name	Bosse		
Thesis Title			
Primary Supervisor	Dr. Sebastian Funk		

If the Research Paper has previously been published please complete Section B, if not please move to Section C.

## SECTION B – Paper already published

Where was the work published?	medRxiv		
When was the work published?	January 24, 2023		
If the work was published prior to registration for your research degree, give a brief rationale for its inclusion			
Have you retained the copyright for the work?*	Yes	Was the work subject to academic peer review?	No

\*If yes, please attach evidence of retention. If no, or if the work is being included in its published format, please attach evidence of permission from the copyright holder (publisher or other author) to include this work.

## SECTION C – Prepared for publication, but not yet published

Where is the work intended to be published?	PLOS Computational Biology
Please list the paper's authors in the intended authorship order:	Nikos I. Bosse, Sam Abbott, Anne Cori, Edwin van Leeuwen, Johannes Bracher, Sebastian Funk
Stage of publication	Under review

## **SECTION D – Multi-authored work**

For multi-authored work, give full details of your role in the research included in the paper and in the preparation of the paper. (Attach a further sheet if necessary)	I was responsible for the conception of the research question and the methodological development of the forecast transformations, data analysis and writing of the publication. Johannes Bracher contributed the interpretation of log-transformed forecasts as symmetrical absolute percentage error and the idea to treat the log-transform, together with the square-root-transform as a variance-stabilising transformation. Sebastian Funk and Johannes Bracher helped reformulate and refine mathematical derivations.
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## **SECTION E**

<b>Student Signature</b>	Nikos Bosse
<b>Date</b>	26 April 2023

<b>Supervisor Signature</b>	Sebastian Funk
<b>Date</b>	April 28 2023