




MUSHFIQUL ANWAR SIRAJI


I am a PhD research scholar currently looking for post-doctoral research opportunities. During my PhD years, I investigated the non-visual effects of light on human alertness and higher cognitive functions. I am also experienced in parametric and nonparametric statistical analysis and R language based psychometric analysis.

View this CV online with links at https://github.com/masiraji/CV_

EDUCATION

- 2022 | 2019** ● **PhD. Candidate, Psychology**
Monash University  School of Medicine and Health Sciences
 - Visual and non-visual effects of light: Real-world Application
- 2015 | 2014** ● **MSc., Psychology**
University of Dhaka  Department of Psychology
 - Thesis: Cultural Adaptation and Psychometric Validation of Rotter's I-E Scale
- 2014 | 2010** ● **B.S., Psychology**
University of Dhaka  Department of Psychology
 - Project: An Evidence of Perception Without Awareness





RESEARCH EXPERIENCE

- 2022 | 2019** ● **PhD Research Fellow**
Monash University  School of Medicine and Health Sciences
 - Actively designed and conducted experiments involving human participants at the Intelligent Lighting Lab

DATA ANALYSIS

- **Parametric and Non-parametric Statistics**
- **R Based Data Analysis**
- **Data Visualization**
- **Reproducible Manuscripts**

CONTACT

 siraji1993@gmail.com
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 github.com/masiraji
 linkedin.com/in/masiraji

SKILLS

R	
Psychometric Data Analysis in R	
SPSS	
Project Management	
Data Visualization in R	
Illustrator	
PsychoPy	

PSYCHOMETRICS

Item Analysis (Classical and Modern Item Response Theory), Latent Structure Analysis (Exploratory Factor Analysis, Confirmatory Factor Analysis), Structural Equation Modeling, and Regression.

RESEARCH STRENGTH

Survey Design, Experimental Design, RMarkdown reports, Data visualization and Statistical Analysis in R, Reproducibility (Github version control)

- **GitHub Integration**



SELECTED PUBLICATIONS, POSTERS, AND TALKS

- Submitted | 2021 ● **Cultural Adaptation and Psychometric Validation of Rotter's I-E Scale**
PlosOne
 - Authored with Dr. Shamsul Haque
- Manuscript Under Preparation | 2022 ● **Cultural Adaptation and Psychometric Validation of Five factor Mindfulness questionnaire I-E Scale**
 - Authored with Dr. Shamsul Haque
- Manuscript Under Preparation | 2022 ● **Light Exposure Behavior Assessment (LEBA): Development of a Novel Instrument to Capture light Exposure-Related Behaviours**
 - Authored with Rafael Robert Lazar, Juliette van Duijnhoven, Luc Schlangen, Shamsul Haque, Vineetha Kalavally, Celine Vetter, Gena Glickman, Karin Smolders, & Manuel Spitschan
- 2022 | 2021 ● **Effects of Daytime Electric Light Exposure on Human Alertness and Higher Cognitive Functions: A Systematic Review**
Frontiers in Psychology
 - Authored with Dr. Vinetha Kalavaly, Dr. Alex and Dr.Shamsul Haque
 - A systematic review of IIL literature
- 2021 | 2021 ● **Bangla Translation of Comic Book: "Enlighten Your Body Clock"**
 - Authored with Colline and Dr. Manuel Spitschan