

ARTIFACT CORRECTIONS

for EFFECT SIZES

Implementation in R
and application to
meta-analysis

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Artifact Corrections for Effect Sizes

Seeing Reality for What it is

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1 Greetings

Welcome to the living open source textbook *Study Artifacts and Their Corrections*. This book is designed to assist researchers in understanding the nature of study artifacts, their biasing effect on effect sizes, and proper bias correction methods. Each chapter includes practical examples, R code, and equations for seamlessly implementing these corrections into your own research projects.

What are Study Artifacts?

In this book, artifacts will be defined broadly as **any source of methodological contamination that induce bias in research findings**. Artifacts are present in virtually every research study, so it is crucial that we address them.

Open and Living Textbook

A living textbook is one that constantly updates with new features and is open to changes from others. This book will contain modern methods and cutting-edge techniques for artifact corrections, so in order to keep this book up-to-date it needs to grow as the research grows. New features, such as interactive figures will be added soon

It is important that this book is both open-source and open-access. All the figures, code, and documents are available in a [github repository](#). The current maintainer of the book is [Matthew B. Jané](#). This work is under a [CC-BY license](#), therefore if you use any part of this work in your own work, it is important that you acknowledge it and cite it as follows:

1.0.0.0.1 * APA

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Contributions

Please feel free to contribute to this textbook, if your contribution makes it to the published version of this book, your name will be included in the contributor list below with a description of your work.

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Velu Immonen, BS	Solent University	Designed cover and twitter preview.