

CHAPTER OVERVIEW

16: Transformations

In this chapter, we focus on the fact that many statistical procedures work best if individual variables have certain properties. The measurement scale of a variable should be part of the data preparation effort. For example, the correlation coefficient does not require that the variables have a normal shape, but often relationships can be made clearer by re-expressing the variables.

[16.1: Prelude to Transformations](#)

[16.2: Log Transformations](#)

[16.3: Tukey Ladder of Powers](#)

[16.4: Box-Cox Transformations](#)

[16.5: Statistical Literacy](#)

[16.E: Transformations \(Exercises\)](#)

This page titled [16: Transformations](#) is shared under a [Public Domain](#) license and was authored, remixed, and/or curated by [David Lane](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.