

Behavior Science.org, LLC presents
Understanding the Standard Celeration Chart (Part 2)

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The Standard Celeration Chart is arguably the most versatile and least understood measurement tool used in behavior analysis. Behavior analysts who understand how to interact with the chart are at a significant advantage over colleagues relying on non-standardized measures. The purpose of this lesson is to introduce and familiarize you with the basic conventions used when interacting with the Chart. Successful completion of this module is worth two Type 2 BACB Continuing Education Units.

Learning Objectives

By the time you finish this lesson you should be able to:

- Measure the quality of behavior using accuracy ratios.
- Calculate celeration values, frequency multipliers, and celeration multipliers.
- Verbally describe the effects of change procedures on data sets.
- Use celeration and frequency envelope projections to predict future behavior.
- Quantitatively measure the variability of a data set.

Before You Begin

- This is an advanced lesson worth two Type 2 BACB continuing education units (CEUs). In order to earn these CEUs you will need to score an 80% or better on the embedded quiz. If you do not score 80% or better, you may retake the lesson as many times as you like until you do.
- At minimum you should expect to spend 2 hours to complete this lesson. You must complete the entire lesson in one sitting as your progress will not be saved if you leave early.
- The content for this lesson is derived from the 2003 publication, *Handbook of the Standard Celeration Chart: Deluxe Edition*, by H. S. Pennypacker, Anibal Gutierrez Jr., and O.R. Lindsley. Although not required to complete this lesson, it is highly recommended that you purchase this book (www.behaviorresearchcompany.com) if you are serious about charting.
- You may use the menu on the left to navigate to earlier slides in the lesson. For example, if you reach a question you do not understand it might be helpful to click on the previous menu title to listen to the concept explained again. It is strongly recommended that you do not use the menu to navigate to later slides as you will likely skip questions and lower your overall score. Slides can be advanced by clicking on them after the instructor has finished speaking or for question slides, by clicking on the button located in the bottom right of the screen.
- To complete this lesson, you will need several copies of the Standard Celeration DAILY per minute CHART in front of you. You should refer to these copies and plot out your own data as you listen to each lesson to better grasp the material being presented. If you do not have any copies of the Standard Celeration Chart you can either order official trademarked copies from the Behavior Research Company via their website www.behaviorresearchcompany.com or download and print facsimiles of the chart for educational purposes only. If you use the second option please be aware that some of the basic elements depicted on the facsimile may differ slightly from the official DAILY per minute CHART. In addition to copies of the chart, you will also need a pencil, a straightedge for drawing lines, and a calculator for this lesson.