



# Vendor Evaluation: Overview of this Multi-Part Series

The last ten years have witnessed an explosion of vendors “showing savings” that don’t exist...and yet are readily accepted by buyers and their advisors. The mission of the [Validation Institute](#) (VI) is to reverse that trend, to eventually eliminate the gap between reported outcomes and actual outcomes.

VI’s validations highlight organizations committed to measurement of actual outcomes. VI’s courses in Critical Outcomes Report Analysis (CORA and the advanced version, CORA Pro) teach buyers, advisors and even vendors how to determine whether outcomes are legitimate or fabricated.

This series is part of CORA, but we’re making it available gratis in order to draw attention to this ever-widening gap between reported and actual outcomes. Our purpose is not wholly altruistic. Reading the full series will encourage more buyers to insist on VI validation and more people to take the CORA and CORA Pro courses. Further, you can retain VI for writing/evaluating RFPs, measuring outcomes, and even forensic litigation consulting.

[Part One](#) covers regression to the mean (RTM), RTM may sound like an obscure biostatistical phenomenon of interest only to academics. However, reading this section will likely cause you to say: “Yikes! This is exactly what our vendor does.” Do they promise to reduce the cost, risk or glucose levels of people who are high to begin with? Part One uses many case study examples to show you how incredibly pervasive this phenomenon is, and how to identify and avoid it.

[Part Two](#) addresses participation bias. It can be stated unequivocally that any study comparing participants to non-participants will dramatically overstate savings. This is true even if the vendor claims that the non-participants are “matched controls.” Participant-vs-non-participant study design may explain 100% of the outcome that the vendor would like to attribute to the program intervention. This is not us talking – these are admissions from vendors themselves.



[Part Three](#) turns to “trend inflation.” Whenever you see the words “compared to trend,” you can almost automatically assume the savings are overstated. One consultant even wrote, with unintended irony, that savings can be increased by “choosing” an inflated trend. This part will show you not just how to identify trend inflation (not hard) but also how to adjust for it.

[Part Four](#) introduces the concept of plausibility testing. (Future installments will delve farther into plausibility test, which are not only useful and easy, but also often quite hilarious.) The first plausibility test shows you how to compare a cross-sectional change in a non-financial outcome, such as a reduction in Hb a1c, cholesterol, weight etc., with the claimed savings. The savings claim, though only possible to the extent of the risk reduction, nonetheless often dwarfs it. The division of the savings by risk reduction yields what is known as the Wishful Thinking Factor. After you’ve calculated a couple and realize how unrealistic the savings must be, you are likely to abbreviate that phrase and add a few exclamation points.

[Part Five](#) helps expose the “validation” techniques that vendors increasingly use to convince prospects that their savings are legitimate. For instance, they will say that actuaries have reviewed their work. They leave out the part that they pay actuaries to do this, and that no actuary would stay in business long if they didn’t “find savings.” More recently, vendors have realized that prospects consider the phrase “peer-reviewed” to settle all debates about legitimacy. This Part will take you inside the thriving peer-reviewed journal industry to show you how peer reviews are bought and sold.

[Part Six](#) tackles engagement. It opens with the three things vendors conflate with engagement in order to overstate it. For example, employees who participate in a program to earn a large incentive are engaged in the incentive, not the program. No doubt the incentive is high because the program itself lacks appeal. For reasons like this, engagement is usually measured wrong. Fortunately, the Validation Institute offers a unique tool to measure it correctly. Part Six will describe this tool in detail and show you how to download and use it.