962-05-1314   **Allen J Schwenk*** (`schwenk@wmich.edu`), Department of Mathematics, Western Michigan University, Kalamazoo, MI 49008. *A Plethora of Perplexingly Presistent Paradoxes.* Preliminary report.

Many examples have been shown of two batters, Al and Bob, wherein Al has the higher batting average, but when the data is partitioned into two categories, such as facing left and facing right handed pitchers, the averages reverse, and Bob has the higher average in both cases. This is known as Simpson's Paradox. We call this a single level reversal. We have constructed an example with paradoxical reversals nested four levels deep. So who is the better batter? (Received October 03, 2000)