**LAW OF LARGE NUMBERS– EXCEL DEMO NOTES**

**Demo file: large-numbers.xlsx**

1. Simulate a roulette toss 500 times in Column B: RANDBETWEEN(0,36)
2. Take a running total in Column C: SUM($B$2:B2)
3. Take a running total in Column D: C2/A2
4. Plot Column D as a line chart. Press F9 to recalculate.
   1. The line converges to the expected mean due to the law of large numbers.

**Explanation:**

This is a visual depiction of the law of large numbers: the average of results obtained from trials become closer to the expected value as more trials are performed.