

Troubleshooting

Find the error and correct it!

Benford's Law provides a probability distribution for the first digit in the numbers in a data set.

Digit	1	2	3	4	5	6	7	8	9
Probability	0.301	0.176	0.125	0.097	0.079	0.067	0.058	0.051	0.046

The distribution has a history of accurately modeling a wide variety of data sets, including populations, lengths of rivers, and mathematical constants. Hank, a local insurance agent, decides to use this distribution to investigate the amounts of the small claims that people are making at his firm. Over a round of golf, his friend Roger suggests this might not be such a good idea.

ERROR

CORRECTION