

December 14, 2020

To whom it may concern,

I am delighted to confirm Emily Robinson's status as a Ph.D. student at the University of Nebraska, Lincoln, in the Statistics Department. Emily's submission to the student paper competition, "Perception of exponentially increasing data displayed on a log scale" is her own work, though she was advised by myself and Dr. Reka Howard. She designed the experiment, collected the data, performed the analysis, and wrote the paper; we simply offered suggestions along the way.

Emily's work here is an outgrowth of some discussions we have had about the use of linear and log scales to display COVID-19 case counts. While this experiment is not directly related to COVID-19, our goal has been to understand how people perceive log and linear case counts in approximately exponentially growing series. Emily's work is an excellent first step along this path, and I expect that she will continue working to understand how graphics are perceived and used during the rest of her time at UNL.

Sincerely,



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