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Dear Dr. Belkin and Associate Editors,

We wish to submit the enclosed manuscript entitled, “**Let them have CAKES: A Cutting-Edge Algorithm for Scalable, Efficient, and Exact Search on Big Data**,” by Morgan E. Prior, Thomas J. Howard III, Oliver McLaughlin, Terrence Ferguson, Najib Ishaq, and myself to *the SIAM Journal on Mathematics of Data Science* as a Research Article.

We present novel algorithmic approaches for k -nearest-neighbor search, and also demonstrate interesting findings about the nature of real-world datasets (as opposed to random data). We do hope this manuscript will be appropriate for SIMODS.

The manuscript has been seen and approved by all listed authors; no permissions or statements of personal communication are required.

Sincerely,

Noah M. Daniels, Ph.D.

