***eLife’s* transparent reporting form**

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* You should state whether an appropriate sample size was computed when the study was being designed
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* If no explicit power analysis was used, you should describe how you decided what sample (replicate) size (number) to use

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The imaging and tracking data are available at <https://zenodo.org/record/4630933>

The source code for ELEPHANT is available at <https://github.com/elephant-track>