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

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**Sample-size estimation**

* 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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Each trial was conducted for at least 50 bats hunting at the same conditions. This sample size resulted with small standard errors compared to the effect-size less than ca. 10%).

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* You should report how often each experiment was performed
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Each trial was conducted for at least 50 bats hunting at the same conditions.

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* Statistical analysis methods should be described and justified
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* Indicate how samples were allocated into experimental groups (in the case of clinical studies, please specify allocation to treatment method); if randomization was used, please also state if restricted randomization was applied
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We did not use group allocation in our simulations.

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