**Table 3—source data 1.** Comparison of the distribution of escape trajectories (ETs) between the prediction of the models in which *U*pred was determined from the dummy predator speed per trial in the experiment [predator speed at the onset of escape response of prey, n=264 per simulation ×1000 times; mean predator speed to cover 75 % of the prey’s flight initiation distance (FID), n=257 per simulation ×1000 times] and experimental data (n=264 and 257) using the two-sample Kuiper test. Note that the sample size of the latter model is smaller than the total number of observations, 264, because the dummy predator did not move over 75 % of the FID in seven cases.

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| --- | --- | --- | --- |
| Method to estimate the predator speed | Median Kuiper’s *V* | Median *P* | Rate of *P >* 0.05 |
| The speed at the onset of escape response of prey | 0.20 | < 0.01 | 0.03 |
| Mean speed to cover 75 % of the prey’s FID | 0.15 | 0.07 | 0.59 |