

**Ants' navigation in an unfamiliar environment is influenced by their
experience of a familiar route**

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Supplementary Figure 1

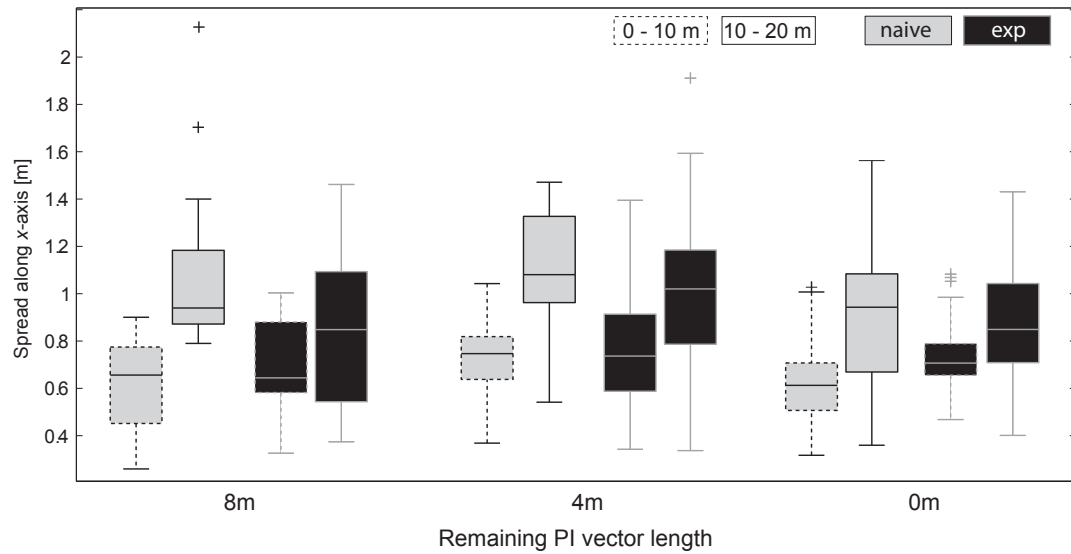


Figure S1. Proxy measure of search spread for all ants. The dependent measure was the mean absolute deviation of all digitised points along the x-axis, which is perpendicular to the feeder-to-nest direction. The measure is divided into the first 10 m of travel and the next 10 m of travel. The boxes show the median in the centre line, and the interquartile ranges at their top and bottom. The tails show values that are 1.5 times the distance from the median to each quartile. The + symbols show outlying values beyond the tails (PI = path integration).