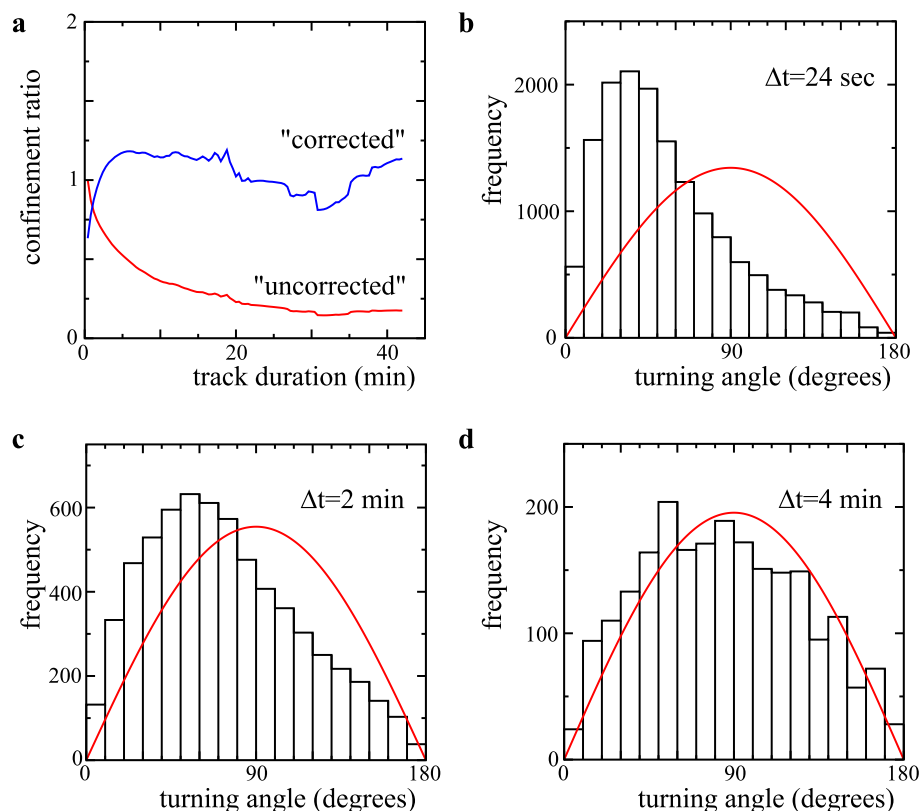


SUPPLEMENTARY INFORMATION S2 - FIGURE



Examples of cell migration measurements in an experimental data set.

a | The “corrected” (blue line) and “uncorrected” (red line) confinement ratio as a function of the track duration. The uncorrected confinement ratio tends to zero for large track durations. In contrast, the corrected version reaches a more or less constant number for durations larger than the time of persistent motion. Note that the corrected confinement ratio decreases again for larger durations, which is presumably due to the cell-based nature of this measurement (see main text). **b–d** | Turning angle distributions calculated for various time intervals in a single data set (24 sec in **b**, 2 min in **c**, and 4 min in **d**). Red lines give the sine distributions that are expected for random turning angles (without persistence). This demonstrates that increasing the time interval between measurements results in a distribution that more and more approaches the distribution for random turning angles. All shown results are taken from experimental data published in Beltman *et al.* J. Exp. Med. **204**, 771–780 (2007).