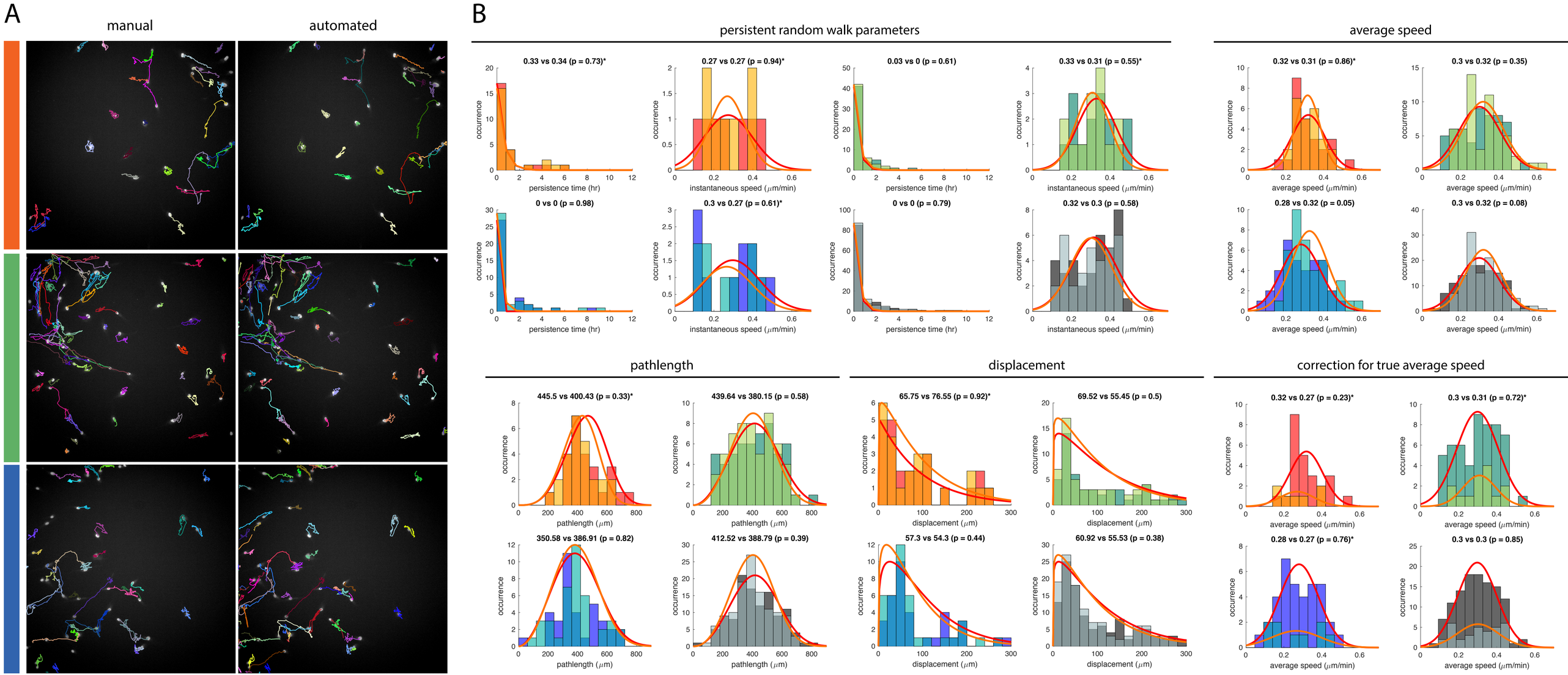
A
manual
automated
B
persistent random walk parameters
average speed
0.33 vs 0.34 (p = 0.73)*
0.27 vs 0.27 (p = 0.94)*
0.03 vs 0 (p = 0.61)
0.33 vs 0.31 (p = 0.55)*
0.32 vs 0.31 (p = 0.86)*
0.3 vs 0.32 (p = 0.35)
0 vs 0 (p = 0.98)
0.3 vs 0.27 (p = 0.61)*
0 vs 0 (p = 0.79)
0.32 vs 0.3 (p = 0.58)
0.28 vs 0.32 (p = 0.05)
0.3 vs 0.32 (p = 0.08)
pathlength
displacement
correction for true average speed
445.5 vs 400.43 (p = 0.33)*
439.64 vs 380.15 (p = 0.58)
65.75 vs 76.55 (p = 0.92)*
69.52 vs 55.45 (p = 0.5)
0.32 vs 0.27 (p = 0.23)*
0.3 vs 0.31 (p = 0.72)*
350.58 vs 386.91 (p = 0.82)
412.52 vs 388.79 (p = 0.39)
57.3 vs 54.3 (p = 0.44)
60.92 vs 55.53 (p = 0.38)
0.28 vs 0.27 (p = 0.76)*
0.3 vs 0.3 (p = 0.85)
occurrence
persistence time (hr)
instantaneous speed (μm/min)
average speed (μm/min)
pathlength (μm)
displacement (μm)