



















10

20

50

Waking activity CVE

Additional file 2. Histograms of mean and coefficient of environmental variation ( $CV_E$ ). Male lines are shown in blue, while female lines are shown in pink. The difference in line means (male - female) is shown by purple bars. (a) Night bout number. (b) Male - female night bout number. (c) Day bout number. (d) Male - female day bout number  $CV_E$ . (f) Male - female night bout number  $CV_E$ . (g) Day bout number  $CV_E$ . (h) Male - female day bout number  $CV_E$ . (i) Night avg. bout length. (j) Male - female night avg. bout length. (k) Day avg. bout length. (l) Male - female day avg. bout length. (m) Night avg. bout length  $CV_E$ . (n) Male - female night avg. bout length  $CV_E$ . (o) Day avg. bout length  $CV_E$ . (p) Male - female day avg. bout length  $CV_E$ . (q) waking activity. (r) Male - female waking activity. (s) Waking activity  $CV_E$ . (t) Male - female waking activity  $CV_E$ .

-20

-15

-5

Male - female waking activity CV<sub>E</sub>