

Additional File 2

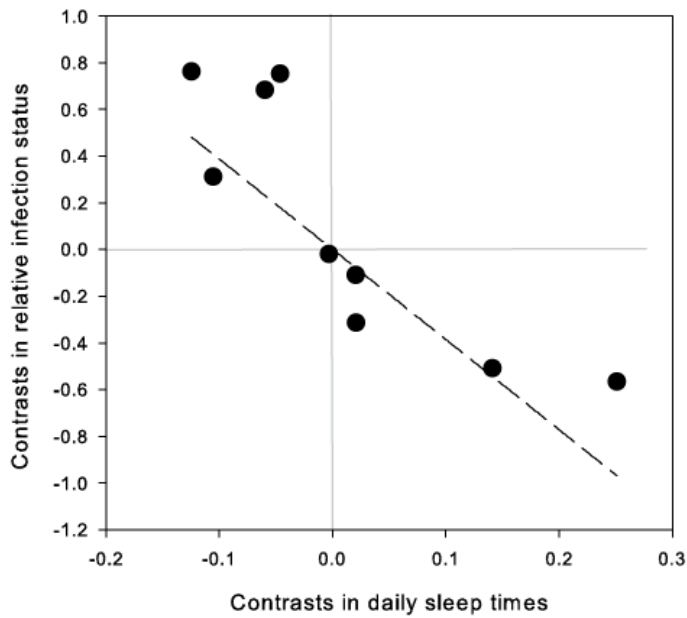


Figure 3. Sleep and parasitism restricted to EEG studies of sleep.

A plot of independent contrasts showing relative infection status as a function of daily sleep times. Restricting our analyses to include only EEG studies of sleep does not qualitatively affect our results; regression coefficient = -3.670, s.e. = 0.950, $t_8 = 3.86$, $P = 0.005$.

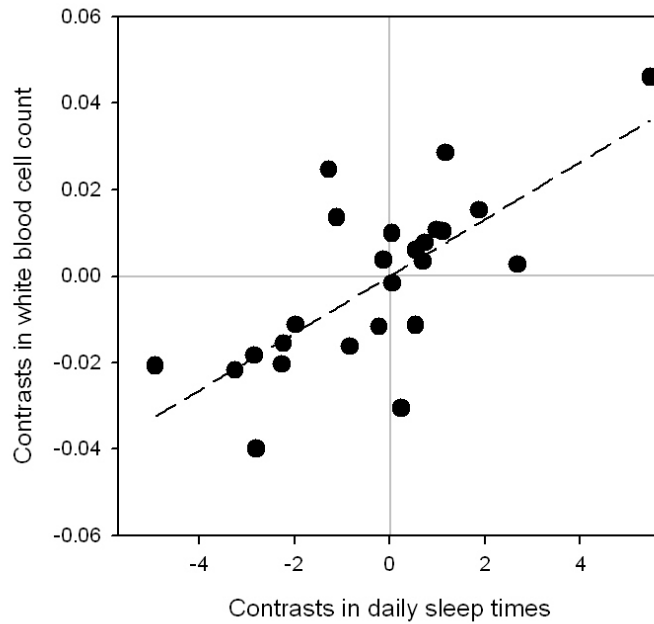


Figure 4. Sleep and immune defence without control for activity period. A plot of independent contrasts showing white blood cell counts as a function of daily sleep times; regression coefficient = 0.00655, s.e. = 0.00186, $t_{23} = 3.52$, $P = 0.002$. The plot controls for a significant association between white blood cell counts and body size; regression coefficient = 0.00979, s.e. = 0.00372, $t_{23} = 2.63$, $P = 0.015$.