

*SUPPLEMENTARY FIGURES*

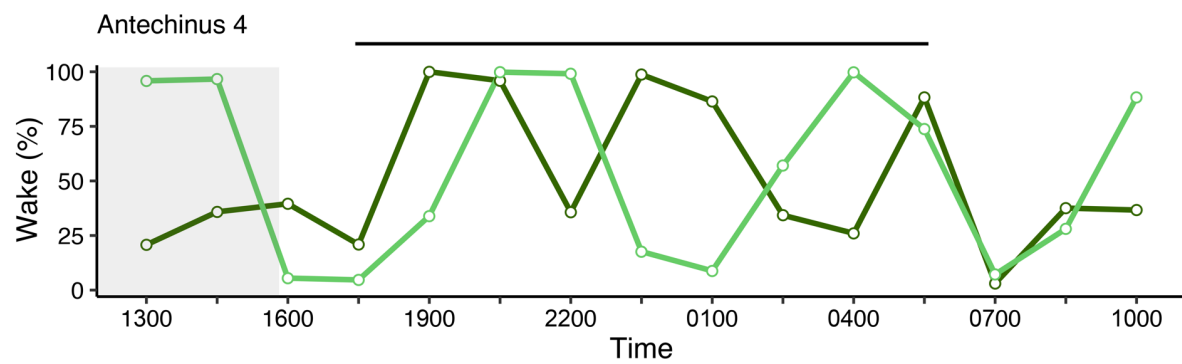
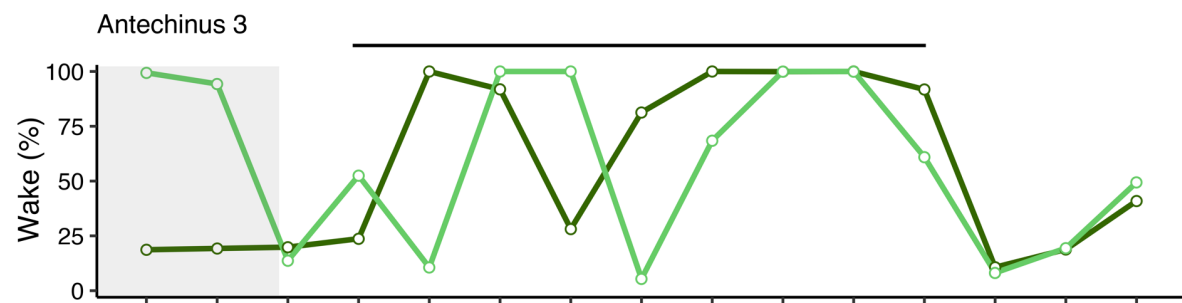
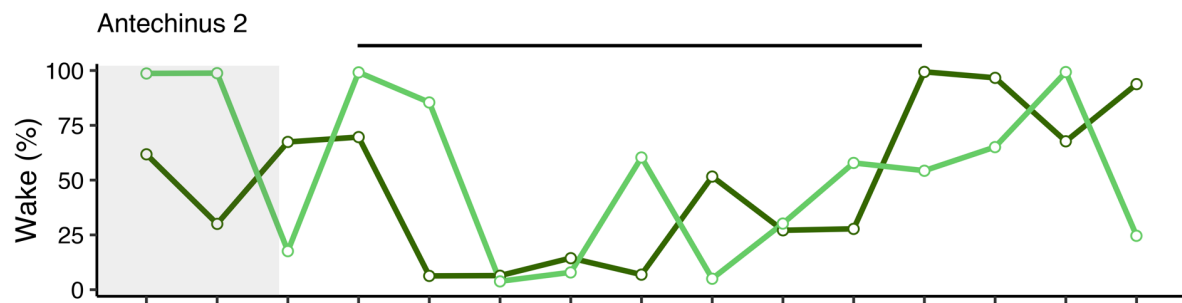
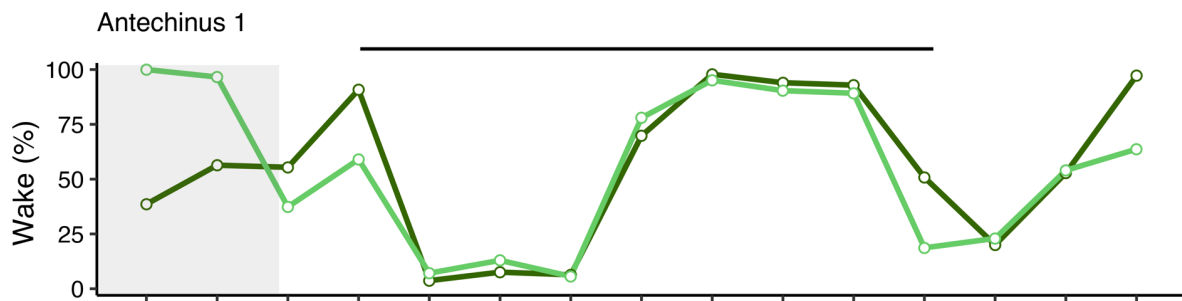
**Sleep architecture and regulation of male dusky antechinus, an Australian marsupial**

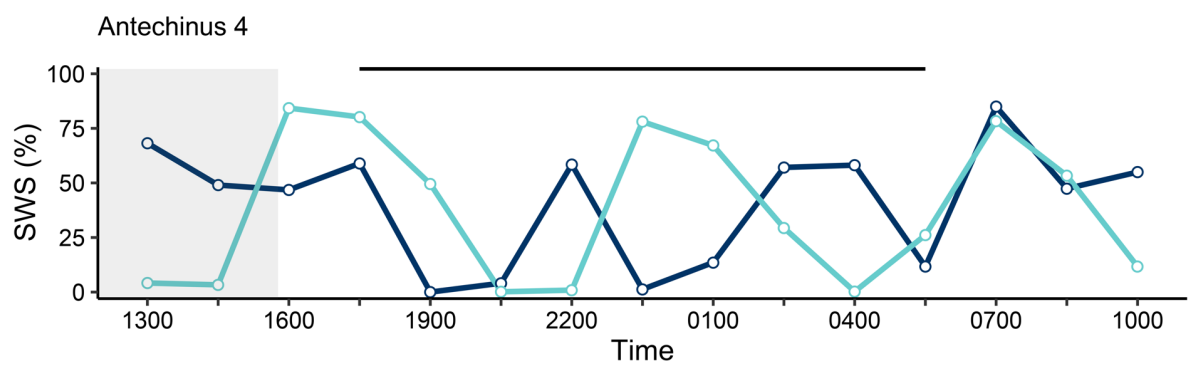
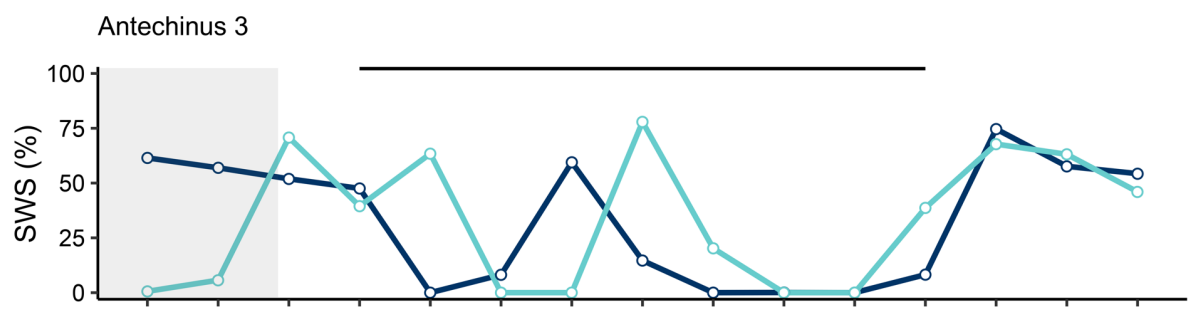
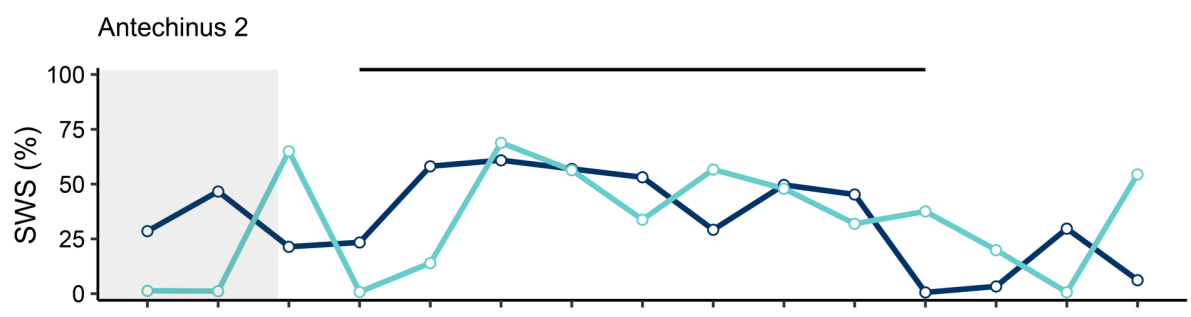
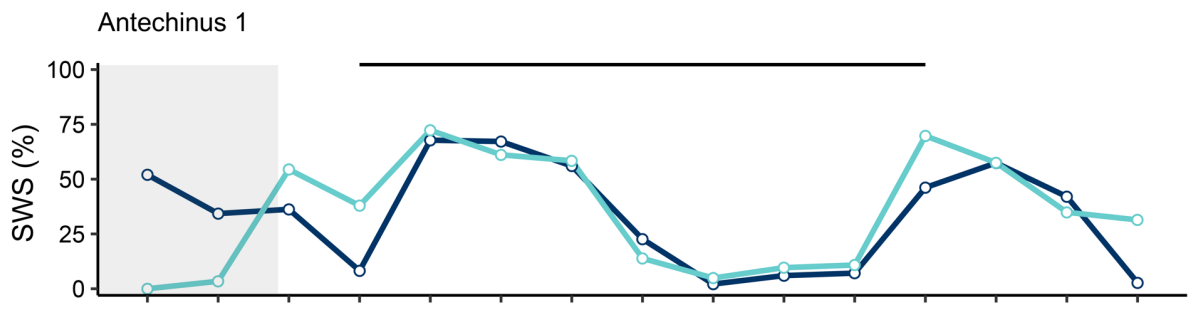
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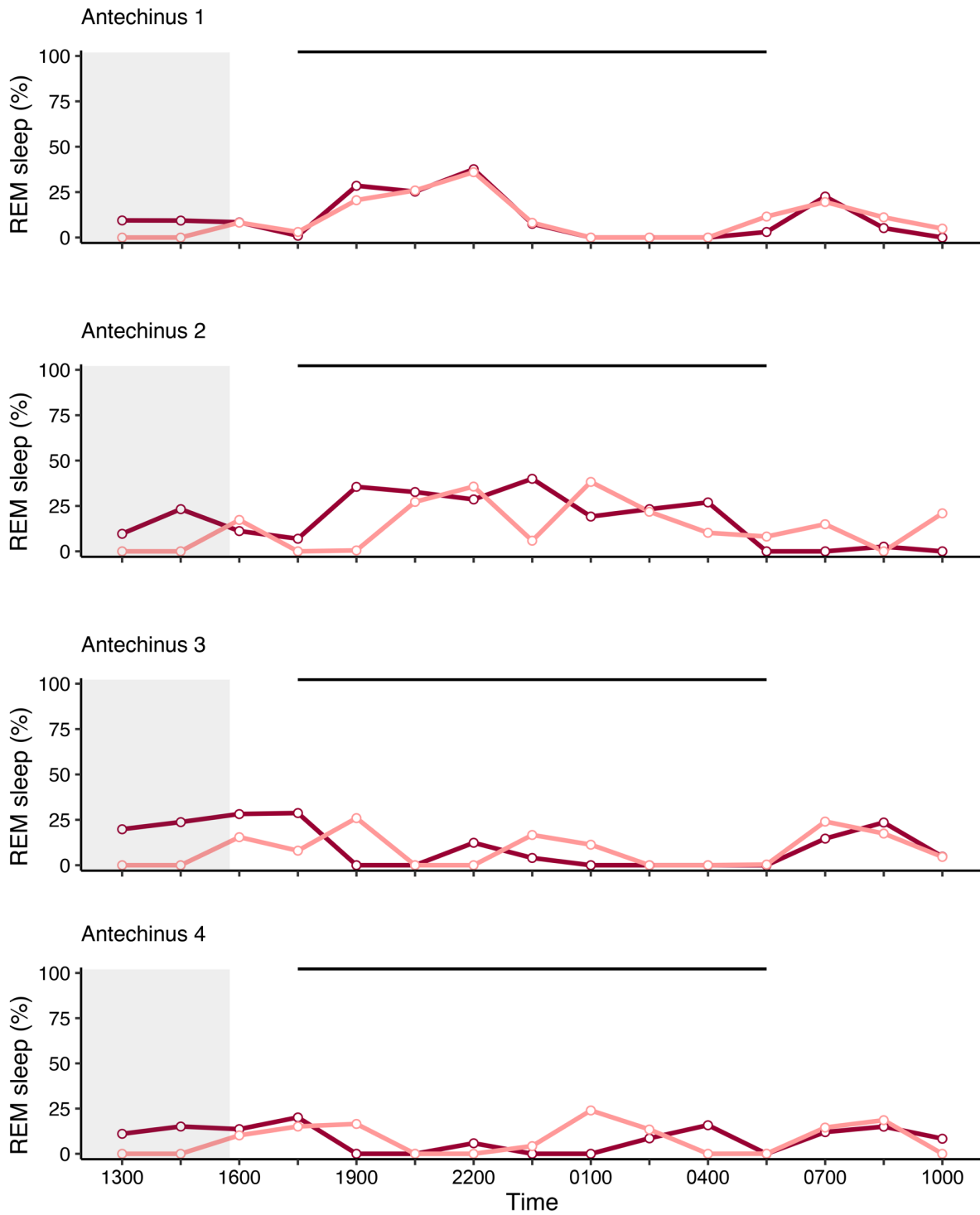
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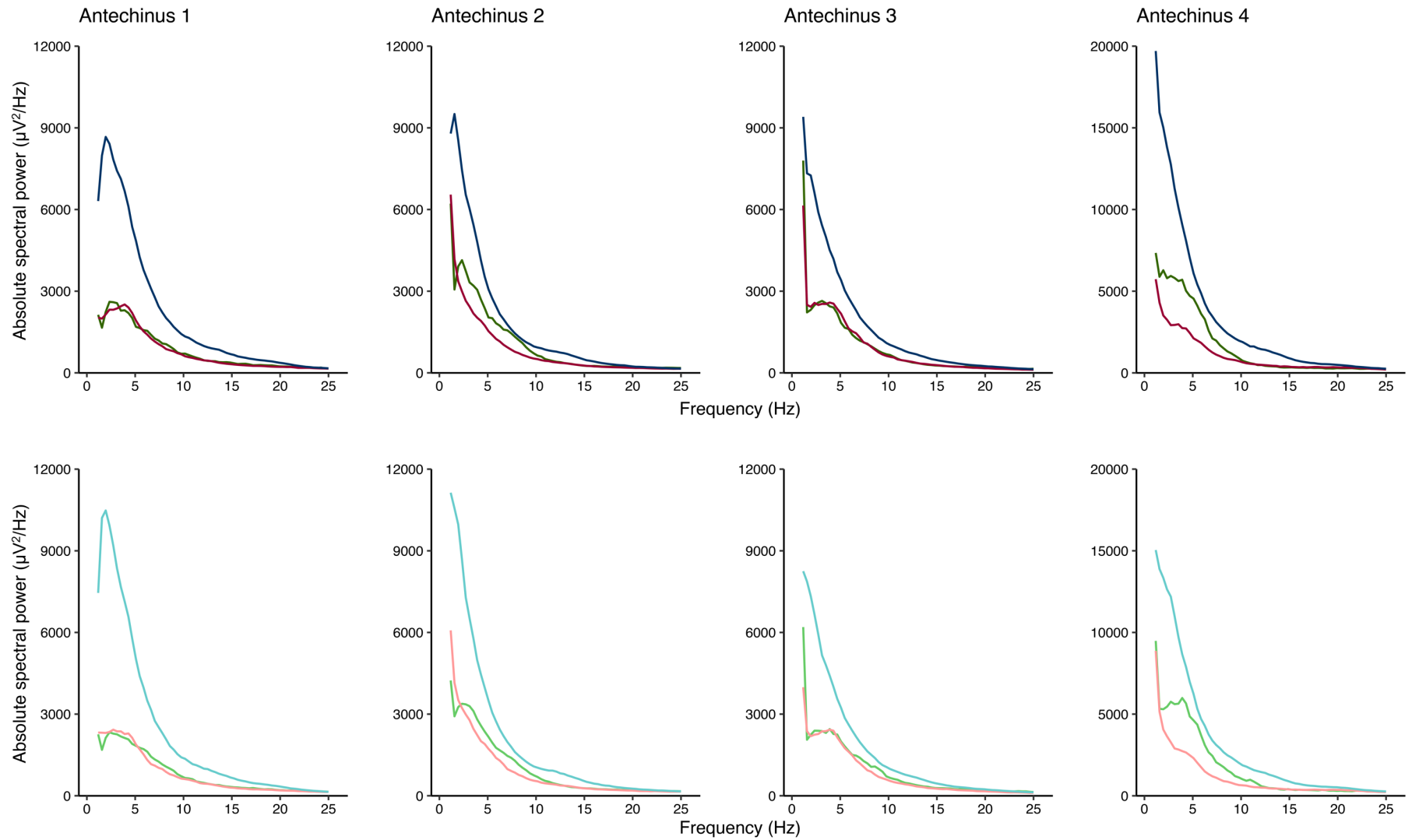
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Supplementary Figure 1. Individual variation on the amount of wake (green), SWS (blue), and REM sleep (red). The first 22.5 h period (dark line) served as an undisturbed baseline; the second 22.5 h period (lighter line) includes the sleep deprivation (grey shading) followed by the recovery period. The black bar along the top reflects the night. Data are plotted at the start of each 1.5-h time bin.



Supplementary Figure 2. Individual variation of absolute power spectra (0.78 – 25 Hz) during quiet wakefulness (green), SWS (blue), and REM sleep (red) during the baseline (top row) and sleep deprivation + recovery (bottom row). In all animals, power was calculated using the electrodes over the right hemisphere.