

Figure S1

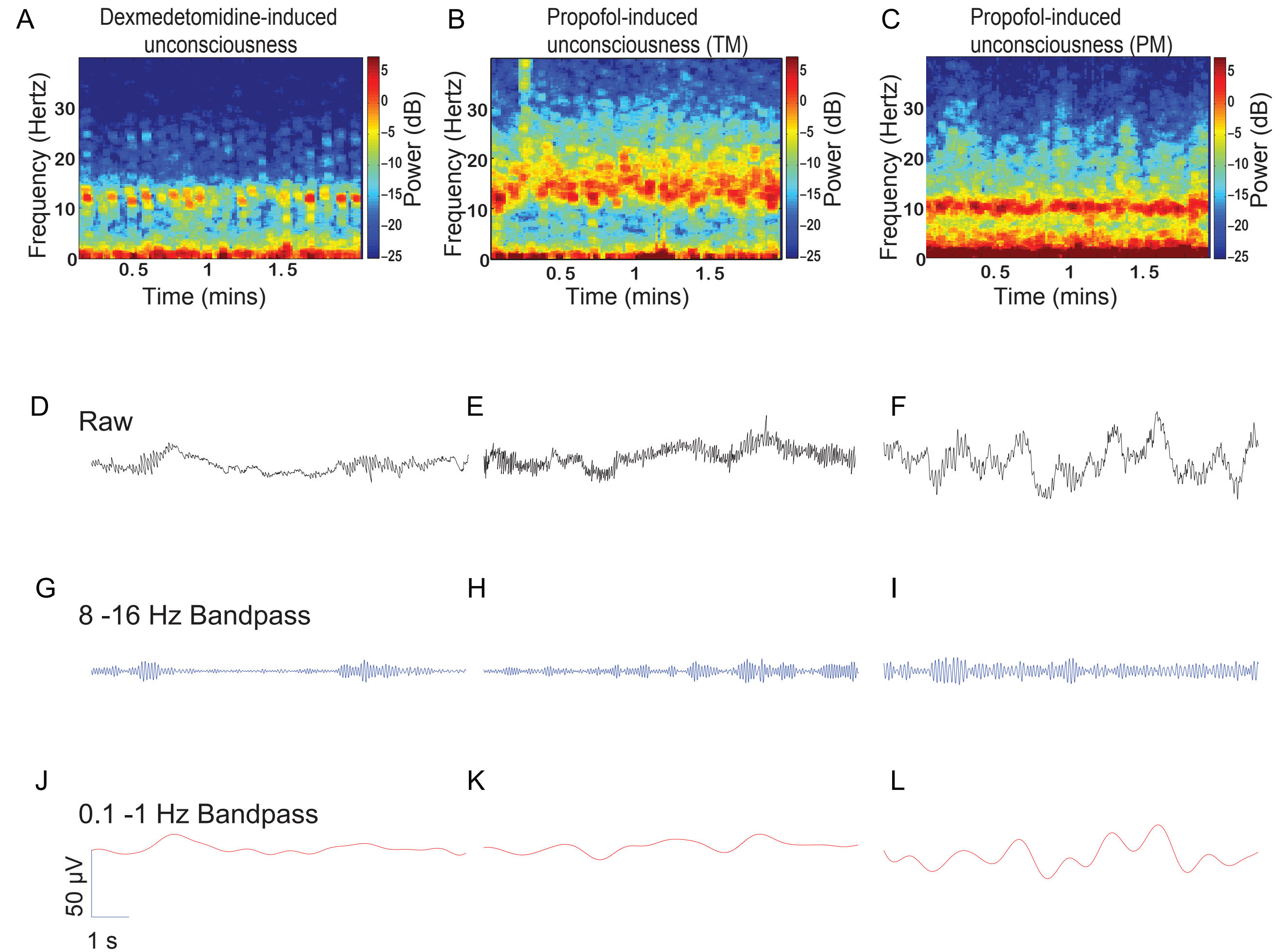


Fig. 1. Representative individual spectrograms and the time-domain electroencephalograms obtained during dexmedetomidine-induced unconsciousness, propofol-induced unconsciousness (TM), and propofol-induced unconsciousness (PM).

A) Representative spectrogram of dexmedetomidine-induced unconsciousness showing power in the 0.1-1 Hz and 8-16 Hz frequency bands. B) Representative spectrogram of propofol-induced unconsciousness showing power in the 0.1-1 Hz and 8-25 Hz frequency bands (TM). C) Representative spectrogram of propofol-induced unconsciousness (PM) showing power in the 0.1-1 Hz and 8-16 Hz frequency bands. D-F) Representative 10-s electroencephalogram trace of dexmedetomidine-induced unconsciousness, propofol-induced unconsciousness (TM), and propofol-induced unconsciousness (PM). G-I) Representative 10-s 8-16 Hz bandpass filtered electroencephalogram trace of dexmedetomidine-induced unconsciousness, propofol-induced unconsciousness (TM), and propofol-induced unconsciousness (PM) illustrating the gross similarities and differences in electroencephalogram signal amplitudes within the 8-16 Hz frequencies. J-L) Representative 10-s 0.1-1 Hz bandpass filtered electroencephalogram trace of dexmedetomidine-induced unconsciousness, propofol-induced unconsciousness (TM), and propofol-induced unconsciousness (PM) illustrating the gross similarities and differences in electroencephalogram signal amplitudes within the 0.1-1 Hz frequencies. Hz = Hertz; PM= peak max; TM = trough max.