Supplementary Material

Paradoxical Emergence: Administration of Subanesthetic Ketamine during Isoflurane Anesthesia Induces Burst Suppression but Accelerates Recovery

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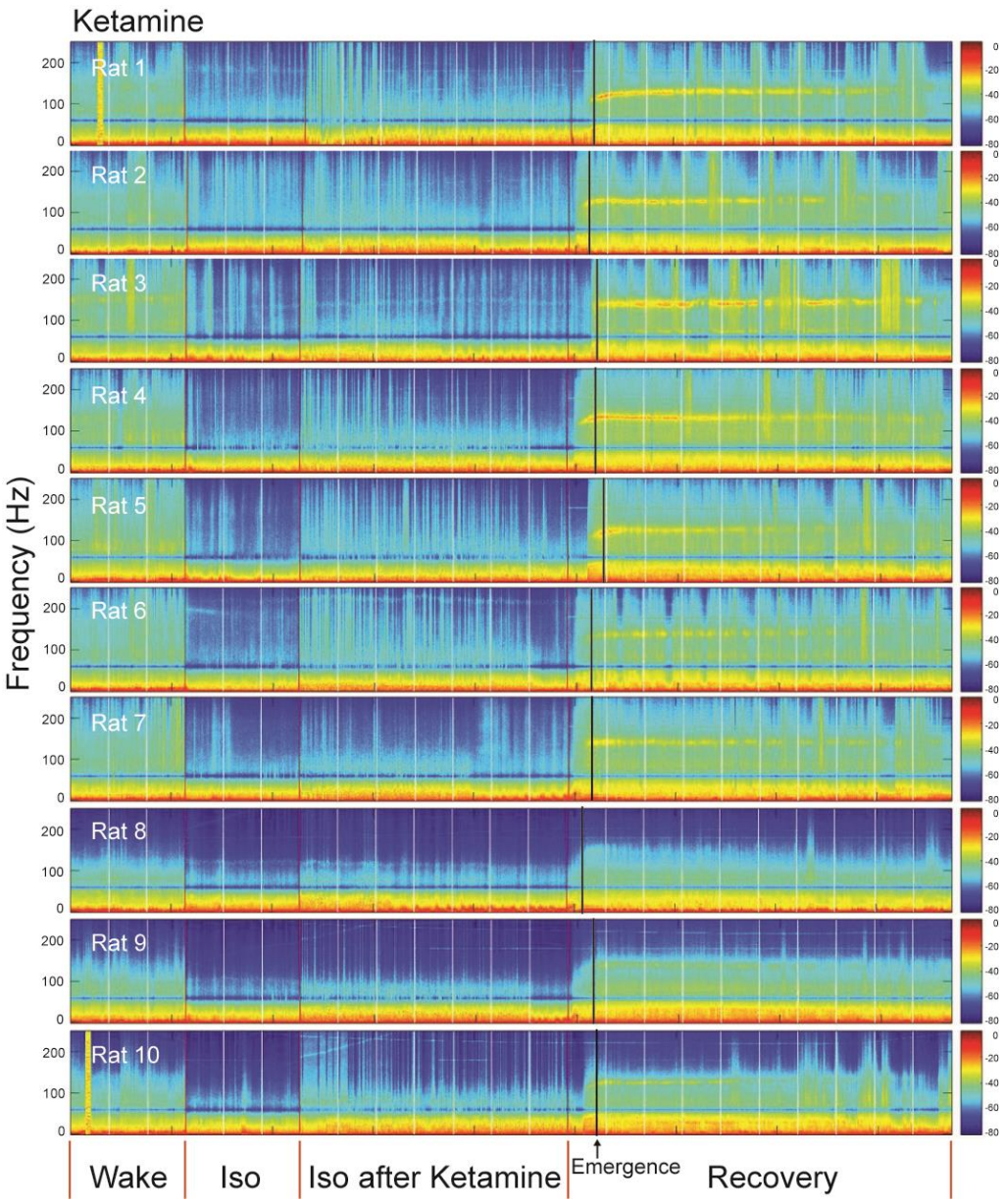

Supplemental Digital Content 2: Normalized power spectrogram of all ketamine treated animals. Each spectrogram represents one animal. White vertical lines indicate the time frame of acetylcholine (ACh) sampling. Red vertical lines indicate the start and endpoint of the different phases of wake, isoflurane (Iso), isoflurane after injection, and recovery. The black vertical line in each spectrogram marks the time of emergence from anesthesia for each animal. Color bar indicates normalized power in log scale in decibel (dB). Interestingly, high-frequency gamma activity seems to increase before the animal regains consciousness (not seen in saline treated animals).