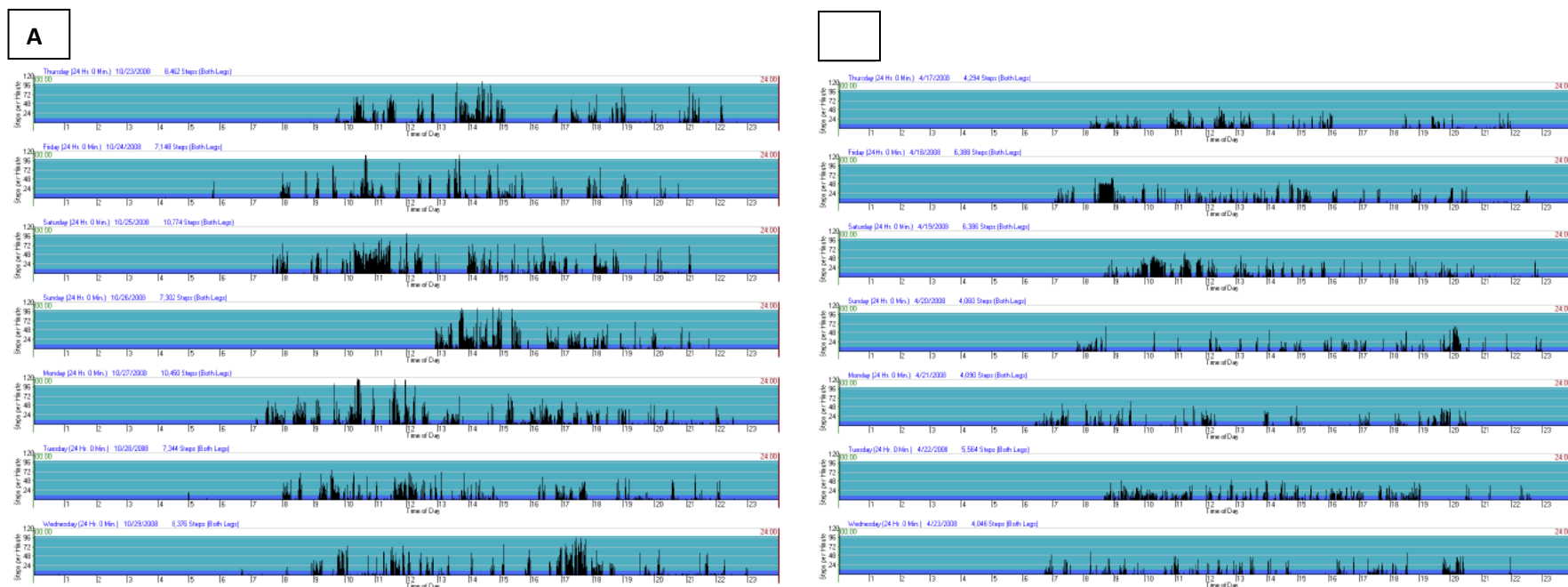


Supplemental Digital Content: Sample 7-day ambulatory activity records from 2 participants



Seven-day ambulatory activity records from a 55 year old female, EDSS = 3.5 (Participant A), and a 47 year old female, EDSS = 6.0 (Participant B). Each horizontal strip represents a 24-hour period of recording, from 12:00 am to 11:59 pm. Vertical spikes within each day reflect the number of steps recorded in any given minute. Taller spikes reflect a greater number of steps recorded. Periods with no spikes reflect inactivity (step count = 0). Mean daily values for activity parameters revealed that Participant A was generally more active than Participant B (STEPS = 8,551 vs. 4,975; INACTIVITY = 76.9% vs. 79.5%; BOUTS = 73.9 vs. 69.0; BOUT TIME = 4.75 vs. 4.3 minutes; INTENSITY = 3.3 vs. 0.0 minutes; PEAK = 75.5 vs. 44.4 steps / minute; MAX = 44.0 vs. 27.3 steps / minute). For Participant A, total step counts were more consistent (i.e., less variable) from day-to-day than for Participant B (CV = 17.6 vs. 22.1%).