

Average normalized PSD per frequency band studied over the weeks in Crus II

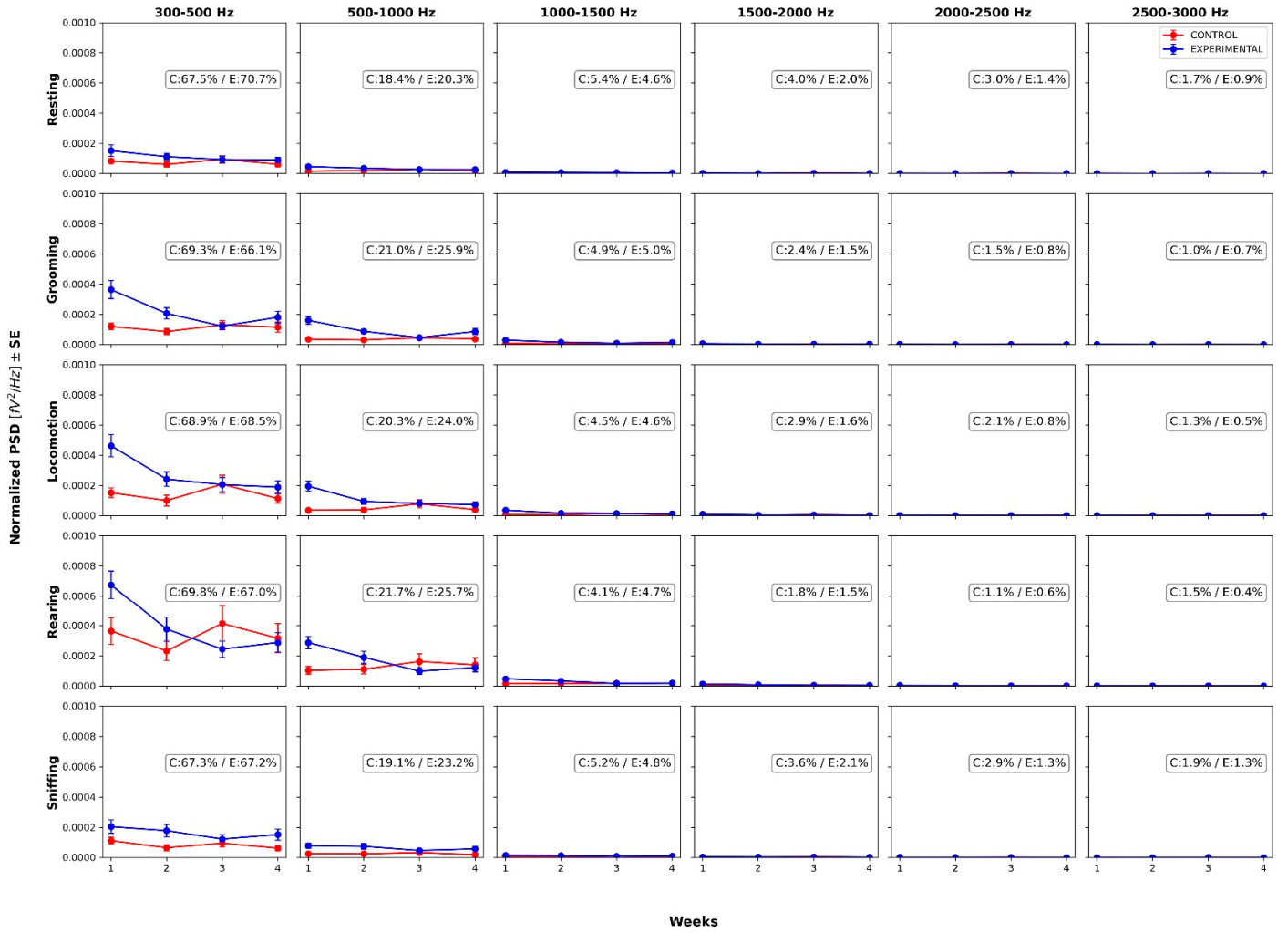


Figure S1. Evaluation of the average normalized PSD in Crus II. Mean values $\pm$ standard error are plotted over the weeks for the five analyzed behaviors across their respective frequency bands in Crus II. The X-axis represents weeks, and the Y-axis represents PSD values. Insets in each plot indicate the average percentage of PSD per band and group (C: control, E: experimental).

Average normalized PSD per frequency band studied over the weeks in IO

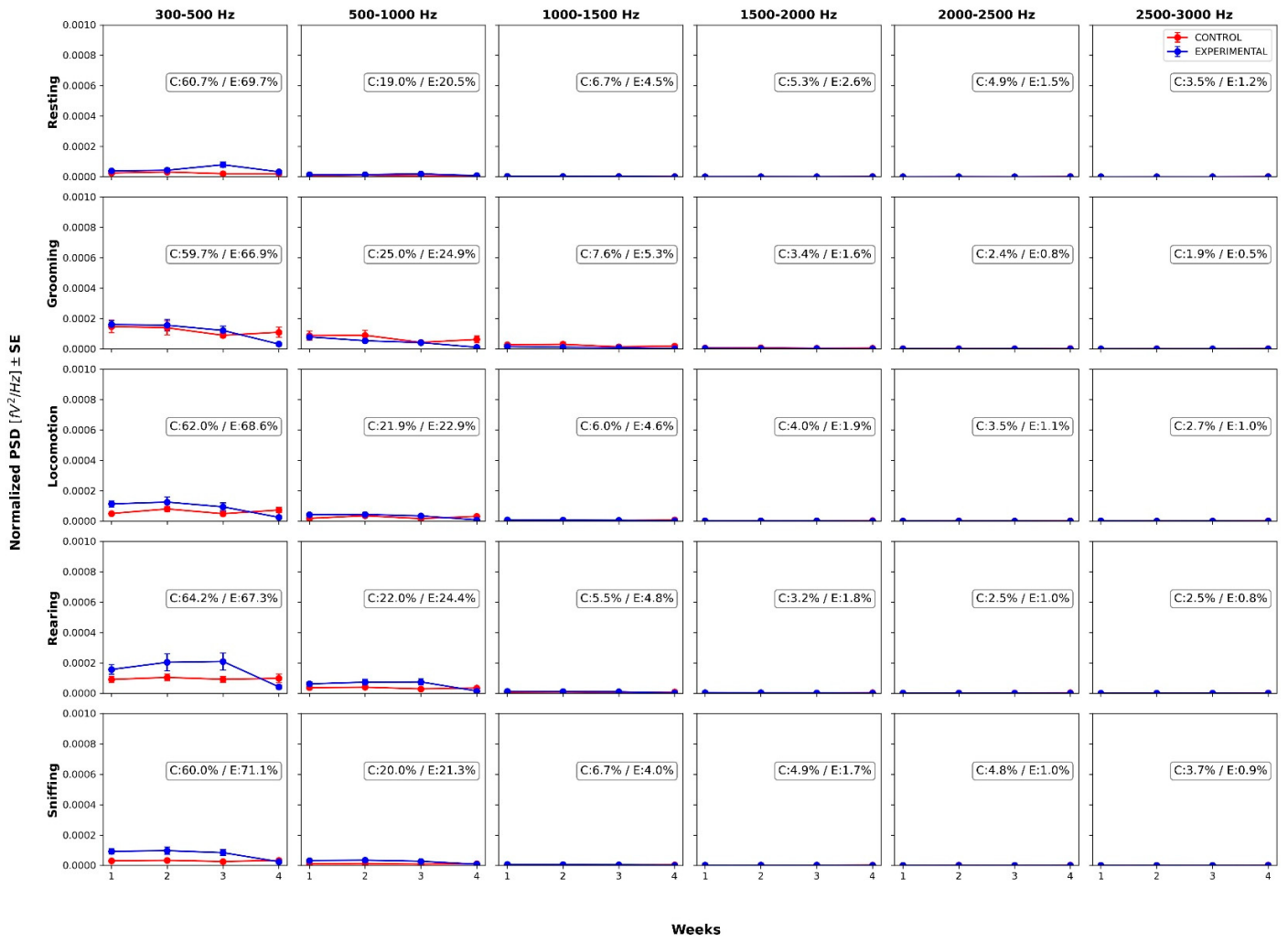


Figure S2. Evaluation of the average normalized PSD in IO. Mean values $\pm$ standard error are plotted over the weeks for the five analyzed behaviors across their respective frequency bands in IO. The X-axis represents weeks, and the Y-axis represents PSD values. Insets in each plot indicate the average percentage of PSD per band and group (C: control, E: experimental).

Average normalized PSD per frequency band studied over the weeks in DN

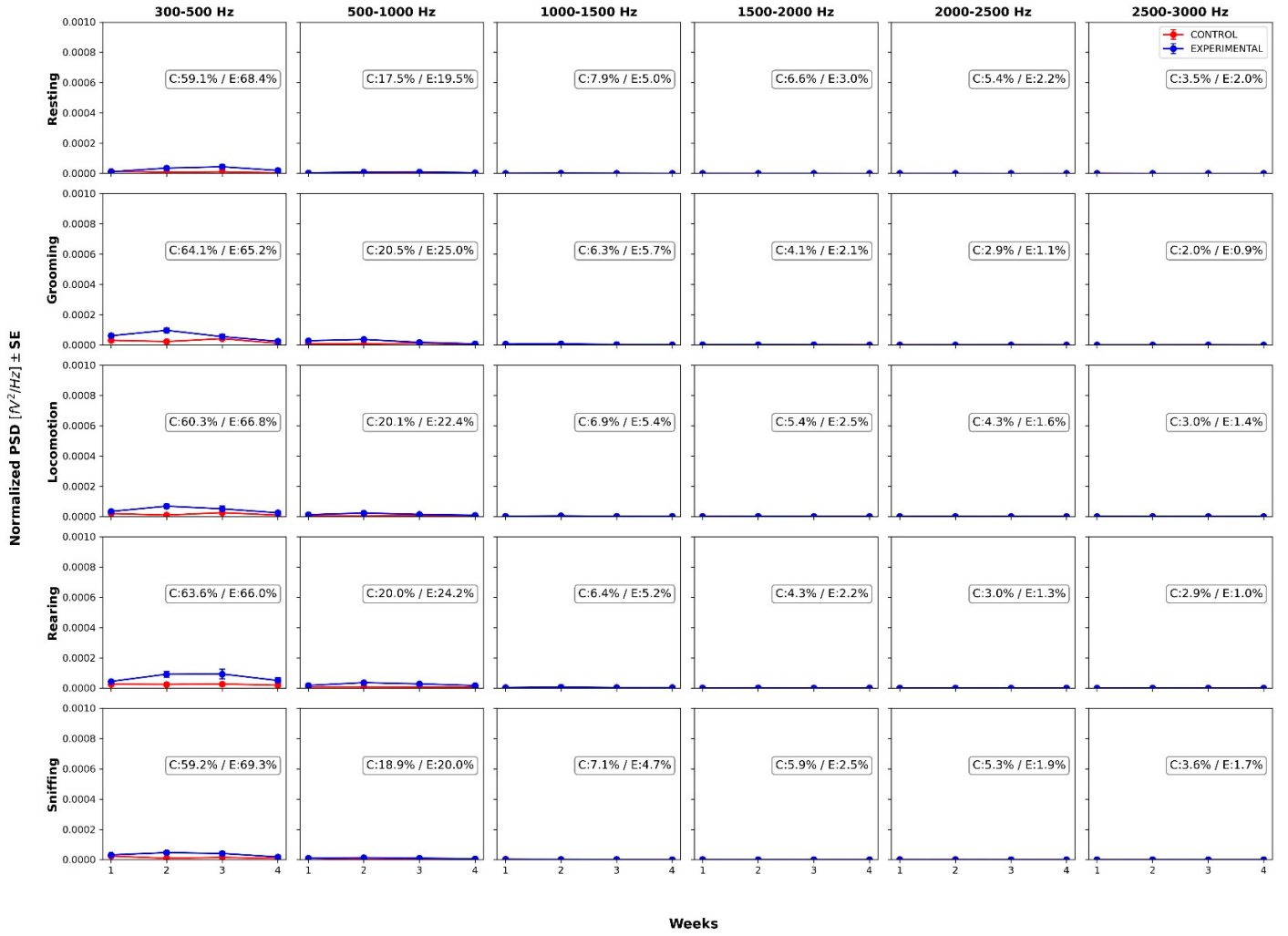


Figure S3. Evaluation of the average normalized PSD in DN. Mean values $\pm$ standard error are plotted over the weeks for the five analyzed behaviors across their respective frequency bands in DN. The X-axis represents weeks, and the Y-axis represents PSD values. Insets in each plot indicate the average percentage of PSD per band and group (C: control, E: experimental).