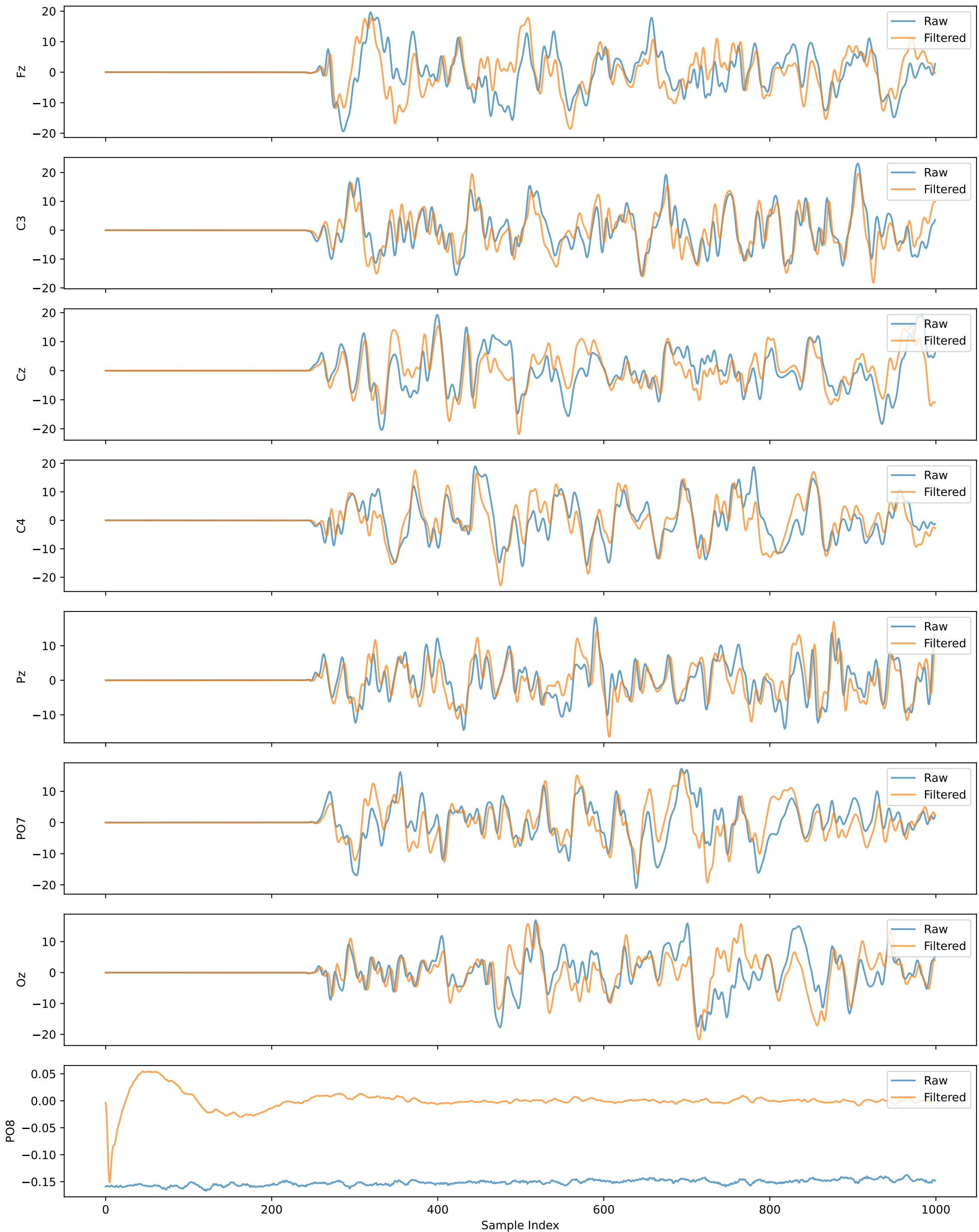
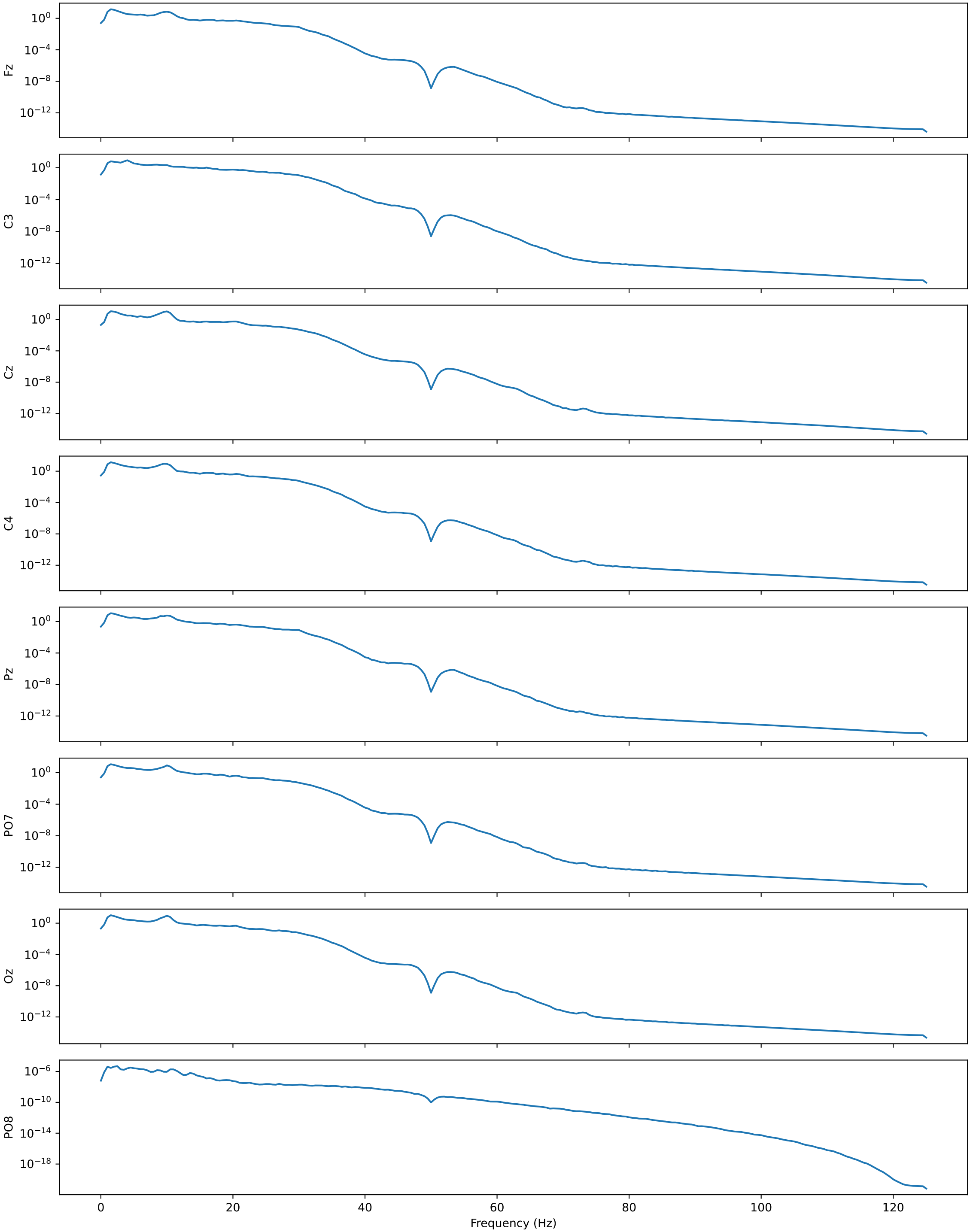


EEG Example: Raw vs. Filtered (All Channels, First 1000 Samples)



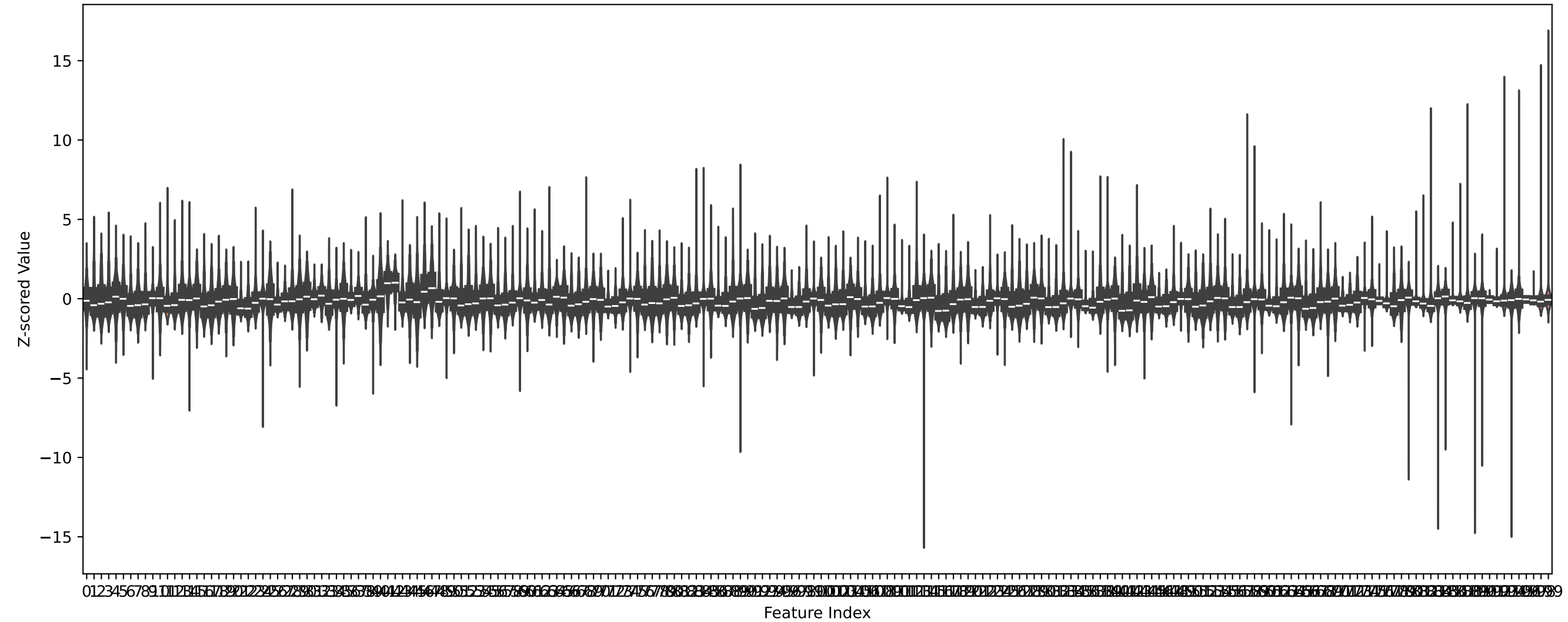
This figure shows the raw and filtered EEG signals for all channels. Filtering includes a 1-40 Hz bandpass

Power Spectral Density (PSD) of Filtered EEG (All Channels)



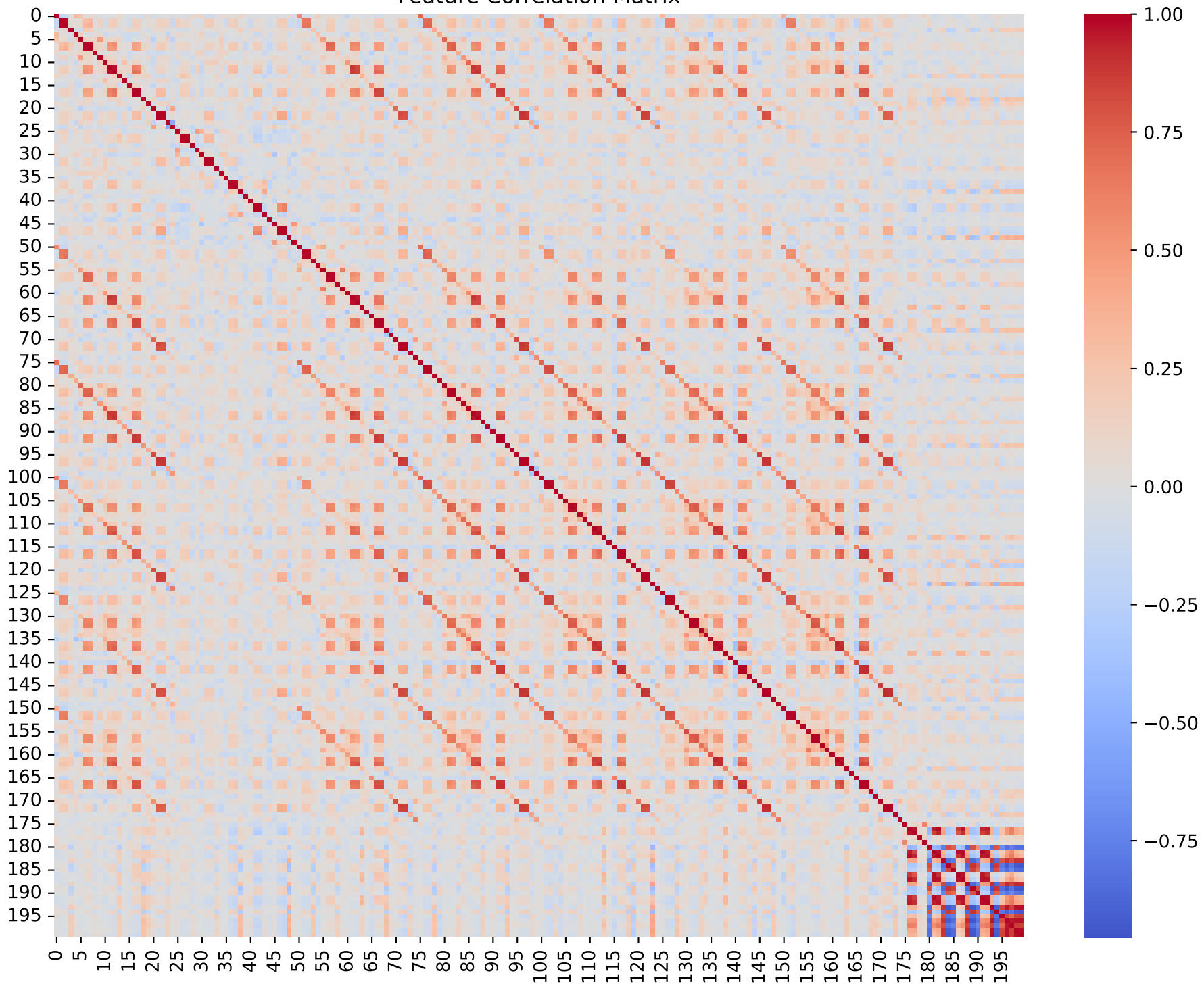
This figure shows the power spectral density (PSD) for each EEG channel after filtering. PSD reveals the

Feature Distribution (All Features)



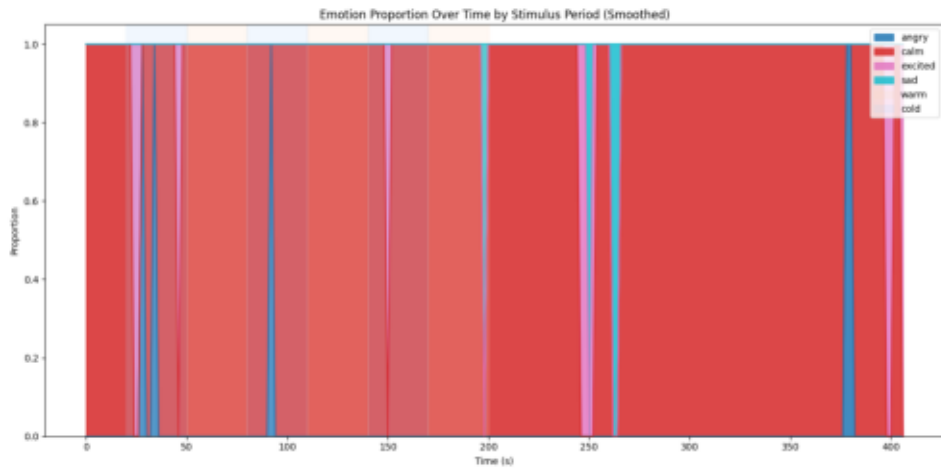
Violin plot of all extracted features (z-scored). Each feature represents a statistical metric (mean, var, st

Feature Correlation Matrix



Correlation matrix of all features. High correlation may indicate redundancy; low correlation suggests co





Proportion of predicted emotions over time, with stimulus periods highlighted. Shows how emotional sta