Ergebnisse Var Sex Var Age lm() mit 8 EEG Power Variablen

Ein Bild, das Text, Schrift, Zahl, Screenshot enthält.

KI-generierte Inhalte können fehlerhaft sein.

The results indicate that both age and sex are important predictors for the EEG parameters analyzed. Statistical significance is extremely high, as indicated by the very small p-values (e.g., 1.9×10⁻²⁵ for age and 2.5×10⁻⁴⁰ for sex), and all eight EEG power variables tested show significant effects for both predictors (p < 0.05 in all cases).

However, the practical relevance, as reflected by the effect sizes (Eta²), remains moderate, with most values falling within the small to moderate range (from 6.3×10⁻³ to 5.1×10⁻²), and 40 out of 64 Eta² values exceeding the 0.01 threshold.

These findings suggest that age and sex should be considered as relevant covariates when interpreting EEG data, as their influence is robust across all examined variables, even if the magnitude of their impact is not large.