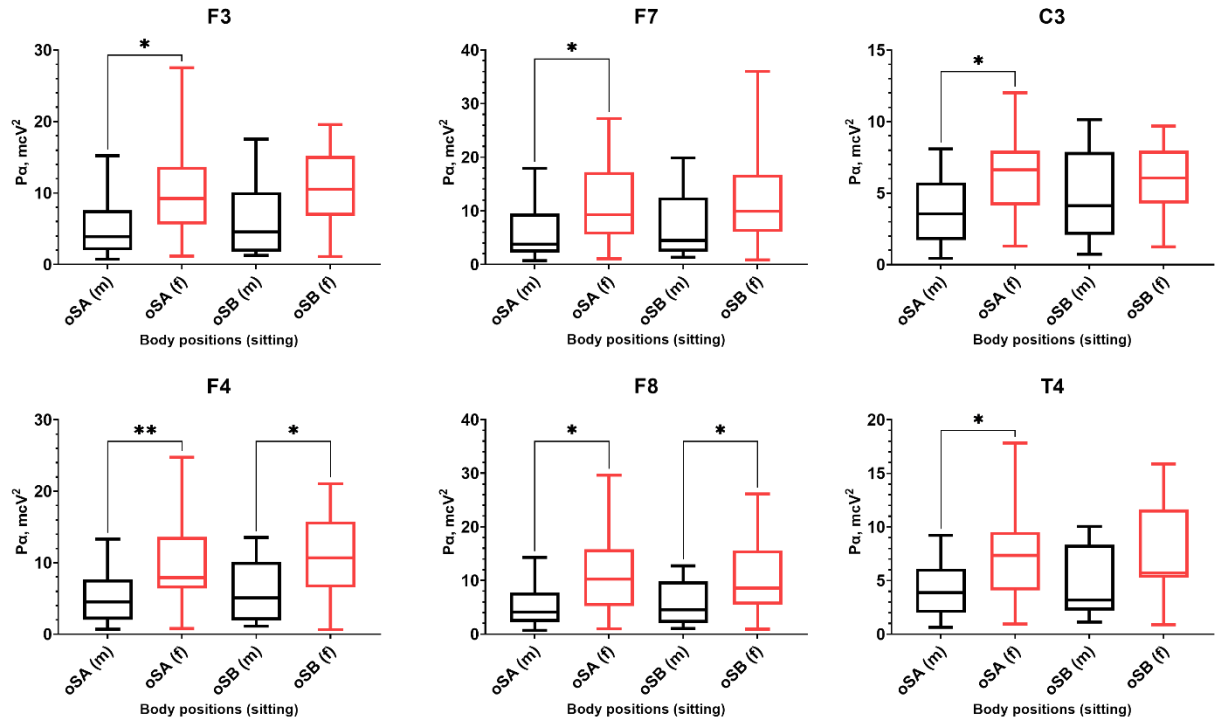




Supplemental Figure 57. Sex differences in alpha spectral power (P_α) for F3, F4, F7, F8, C3, C4 and T4 electrodes during sitting positions (oSA and oSB) in Test 2 ($n = 33$). Black boxplots include values of male participants (m), and red boxplots contain values of female participants (f). Pairs of boxplots were analyzed separately, i.e., oHA (m) was compared only to oHA (f), and oHB (m) was compared only to oHB (f). A one-way ANOVA and a nonparametric Kruskal-Wallis test summaries for statistically significant results: F3 ($F(3, 62) = 3.761, p = 0.0151$), F4 ($F(3, 62) = 5.345, p = 0.0024$), F7 (Kruskal-Wallis statistic = 9.441, $p = 0.024$), F8 ($F(3, 62) = 4.333, p = 0.0078$), C3 ($F(3, 60) = 2.944, p = 0.04$), T4 (Kruskal-Wallis statistic = 10.19, $p = 0.017$) “*” – $p < 0.05$, “**” – $p < 0.01$.