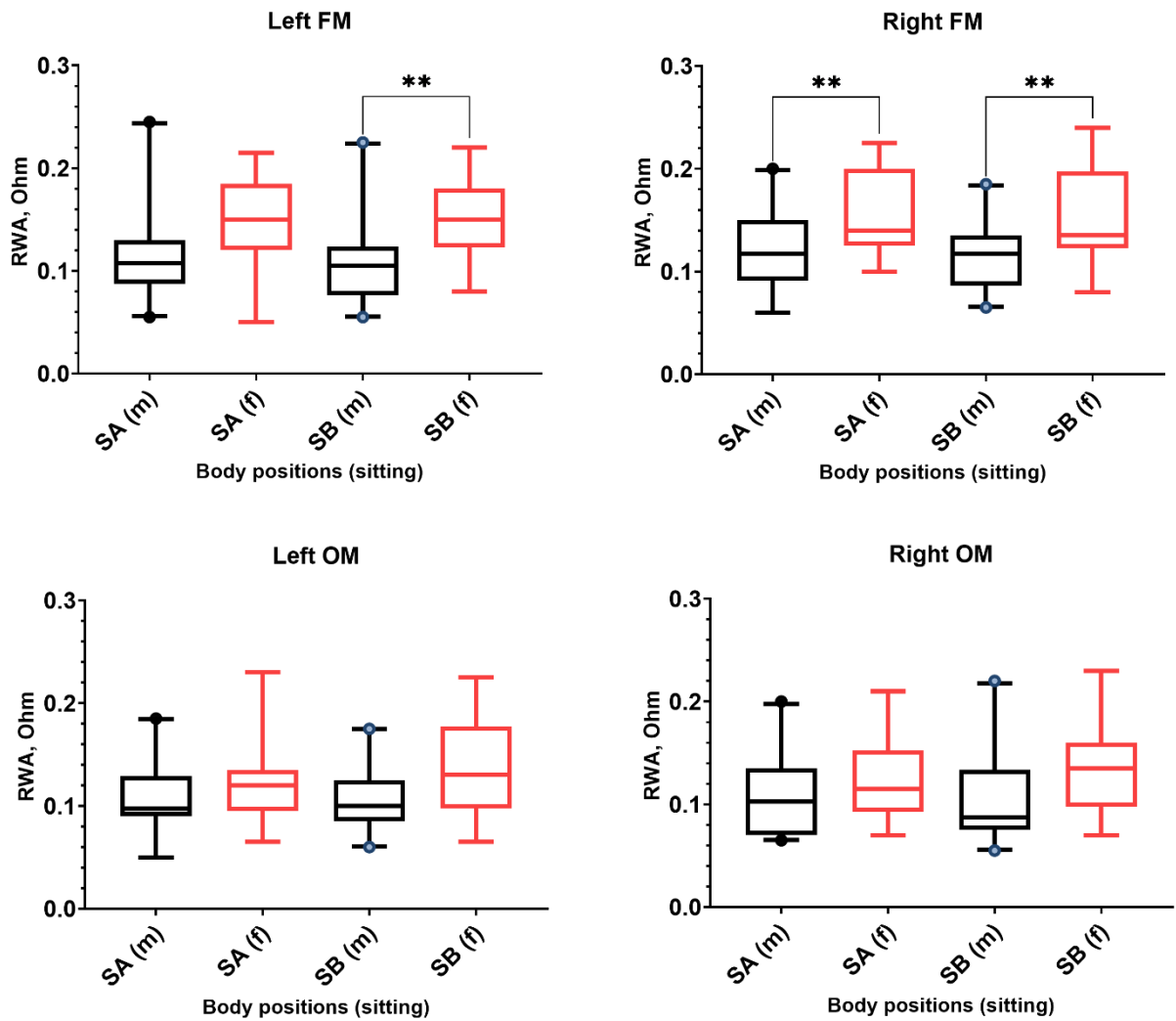




Supplemental Figure 8. Sex differences in RWA during sitting positions in Test 1 ($n = 37$). The graphs show data from 4 REG leads: left and right fronto-mastoid (FM), left and right occipito-mastoid (OM) for two sitting positions (SA and SB). Black boxplots include values of male participants (m), and red boxplots contain values of female participants (f). Pairs of boxplots were analyzed separately using one-way ANOVA, i.e., SA (m) was compared only to SA (f), and SB (m) was compared only to SB (f). Outliers are shown by black and blue points. A one-way ANOVA and a nonparametric Kruskal-Wallis test summaries for statistically significant results: left FM (*Kruskal-Wallis statistic* = 14.54, $p = 0.0023$), right FM ($F(3, 70) = 7.007$, $p = 0.0003$). “***” – $p < 0.01$.