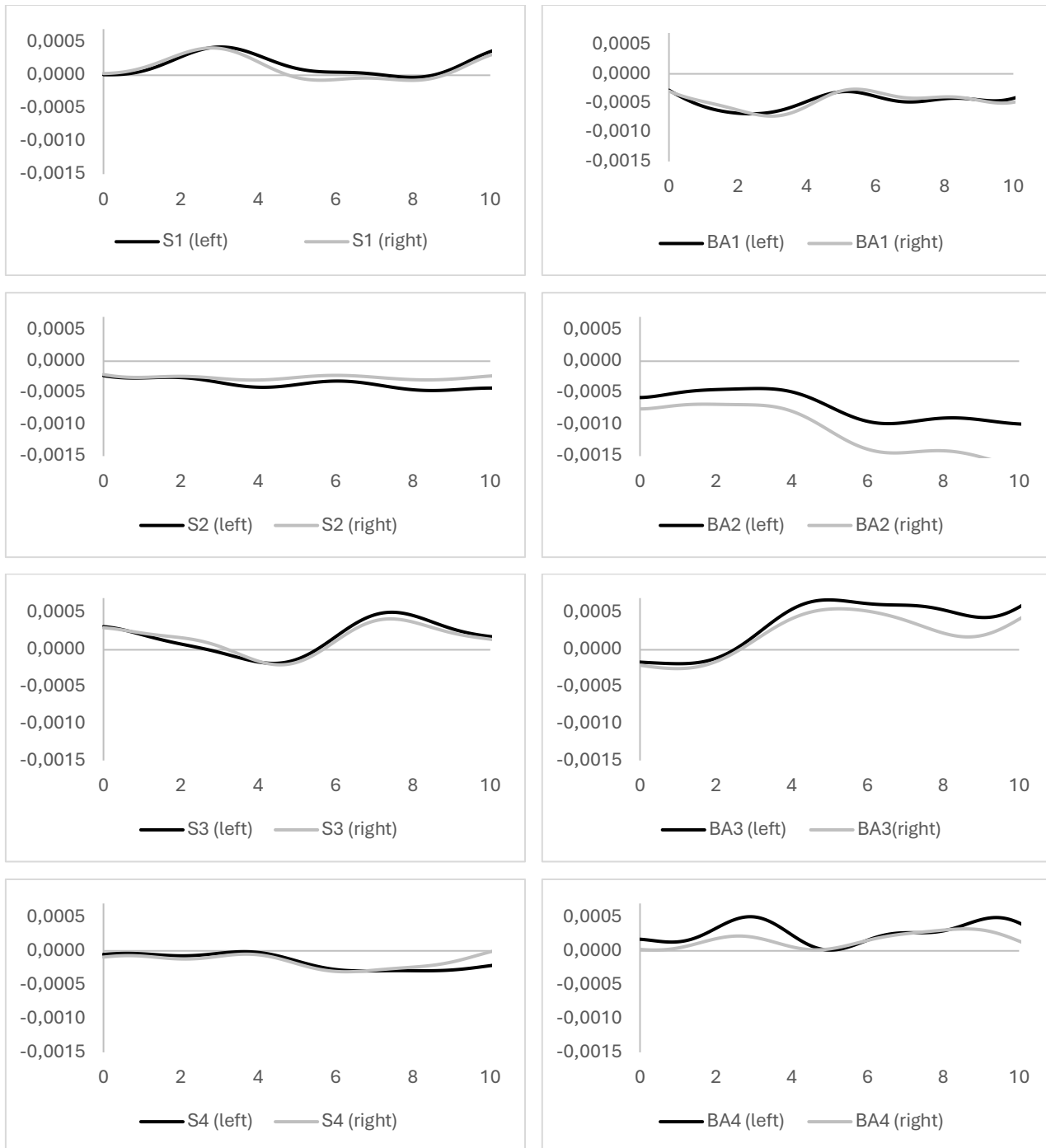


Fig. S1. Cortical brain activity (millimole of oxygenated haemoglobin, HbO<sub>2</sub>) in the left and right regions of interest during level walking for 10 seconds. Y axis represents the relative concentration of HbO<sub>2</sub> (mM). X axis represents time (sec). S=socket prosthesis users BA= Bone anchored prosthesis users.



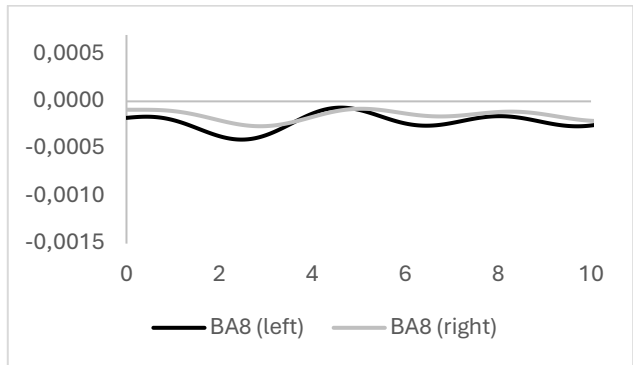
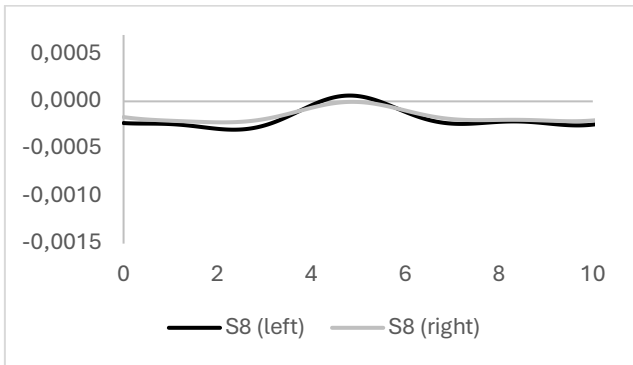
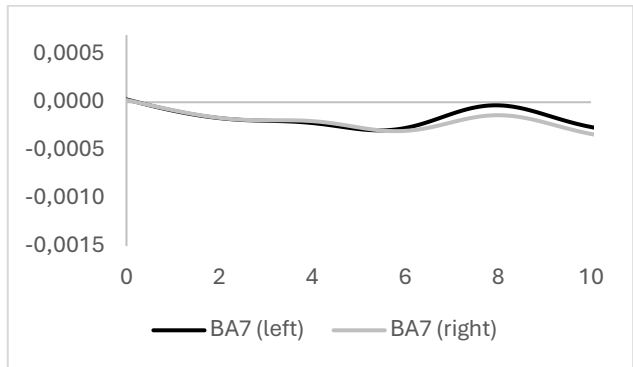
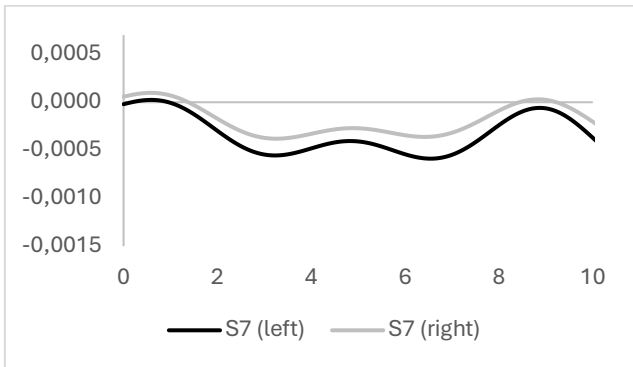
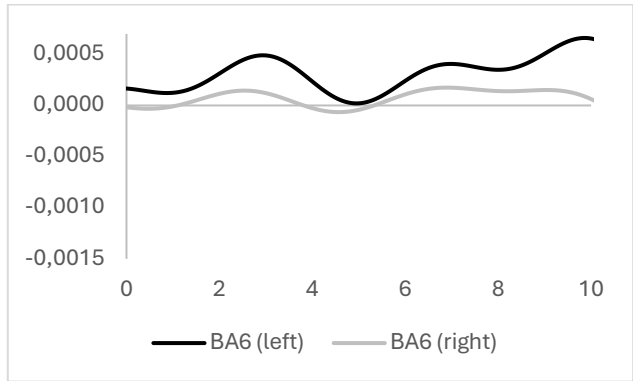
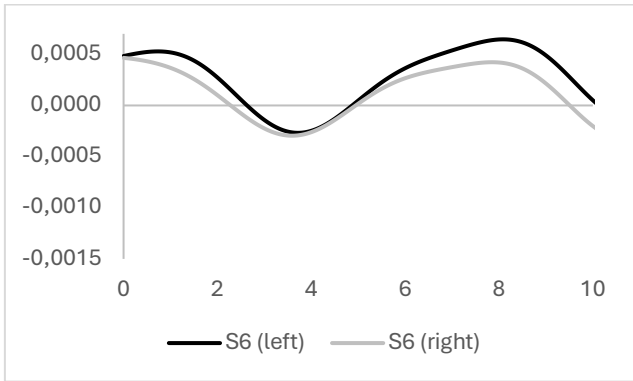
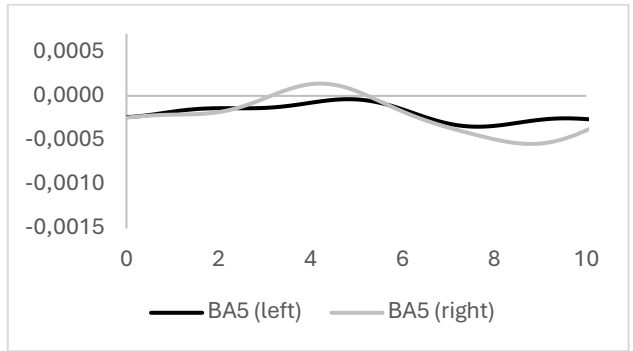
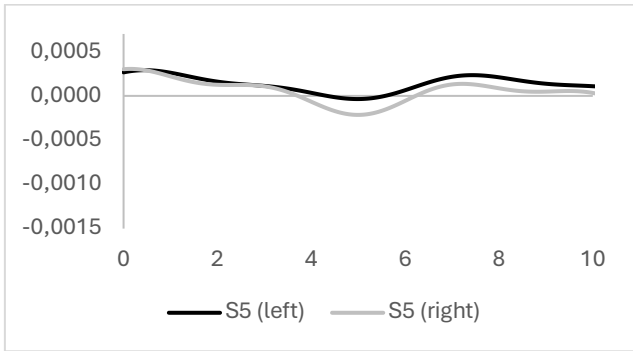
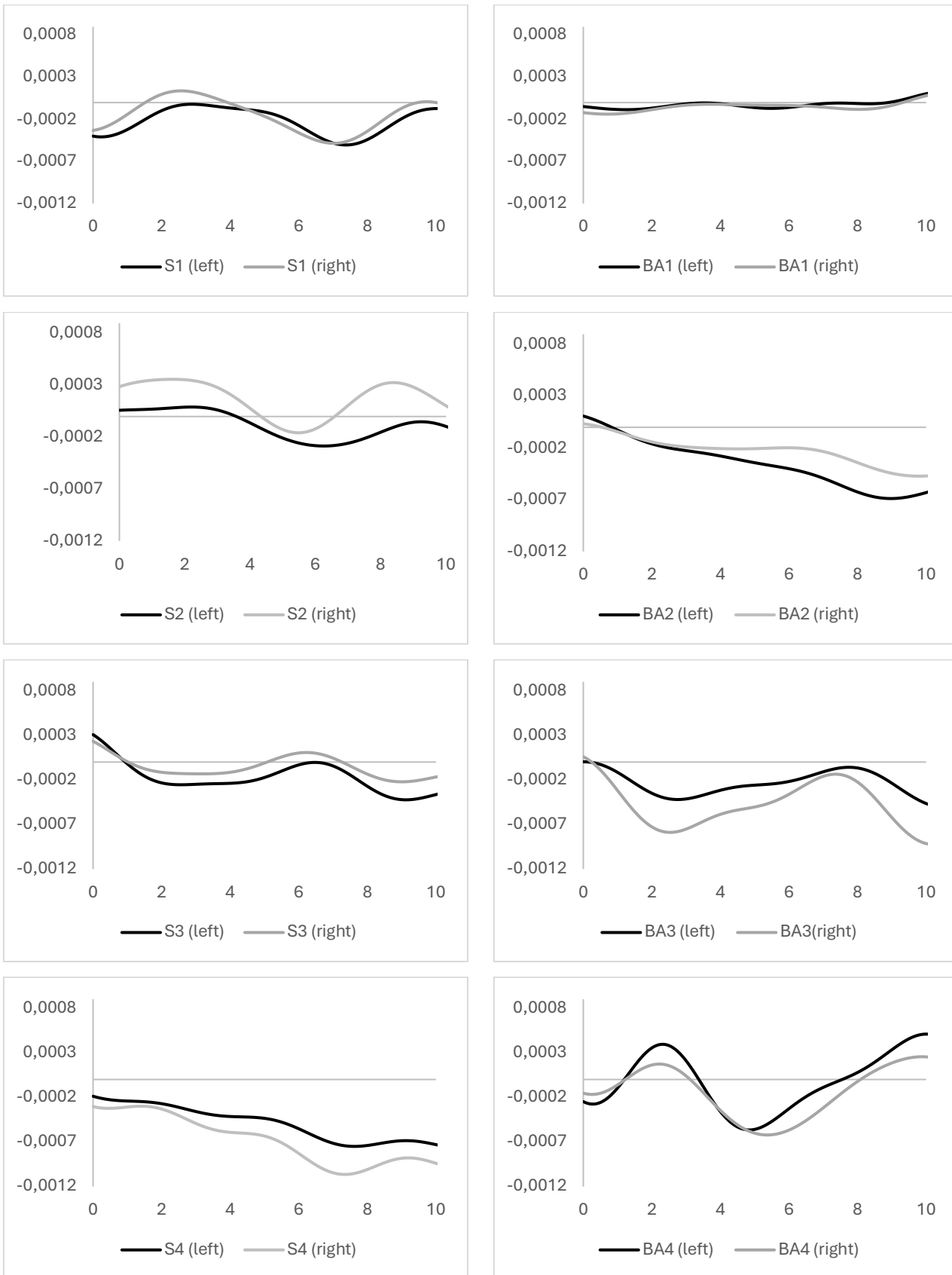


Fig. S2. Cortical brain activity (millimole of oxygenated haemoglobin, HbO<sub>2</sub>) in the left and right regions of interest during the key-test for 10 seconds. Y axis represents the relative concentration of HbO<sub>2</sub> (mM). X axis represents time (sec). S=socket prosthesis users BA= Bone anchored prosthesis users. Note S8 missing data.



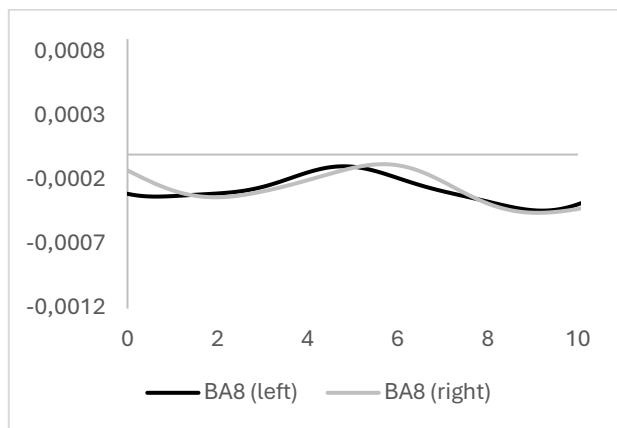
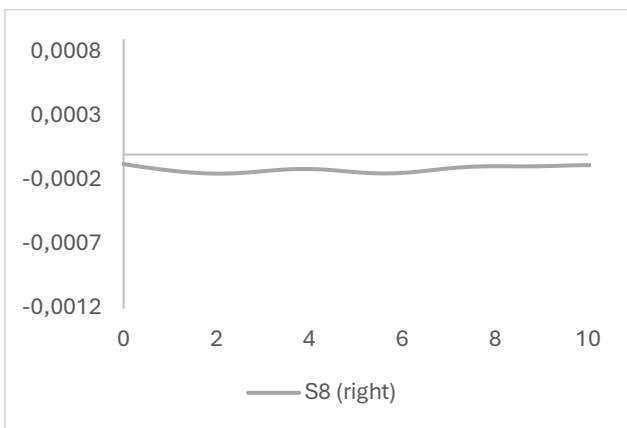
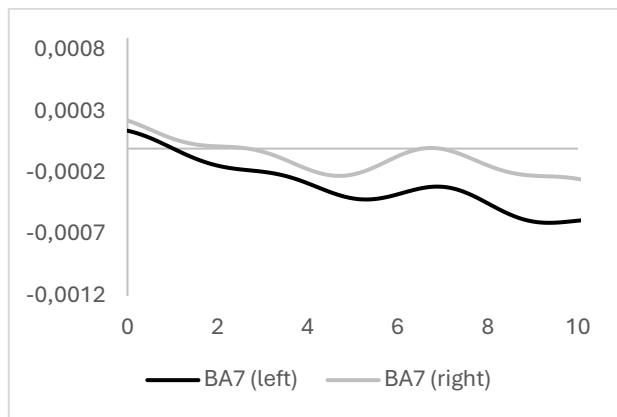
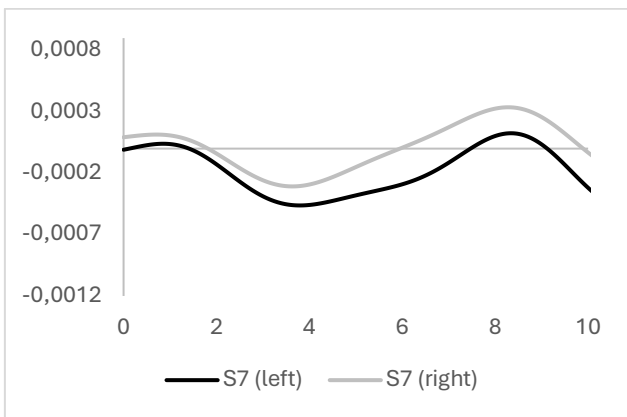
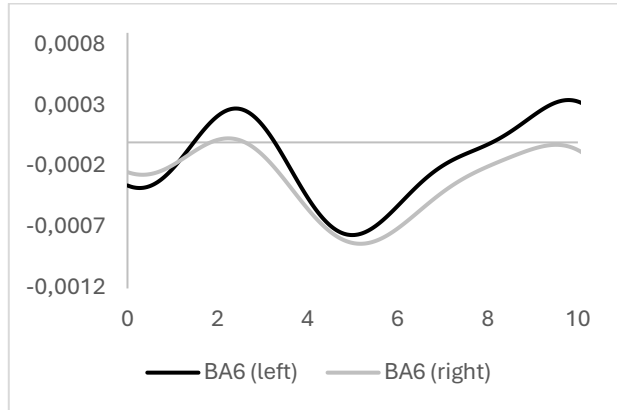
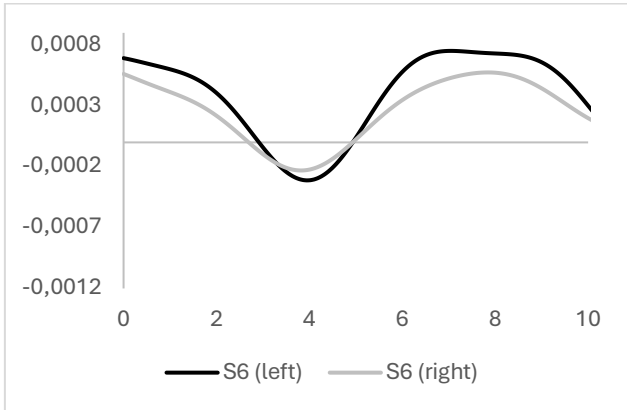
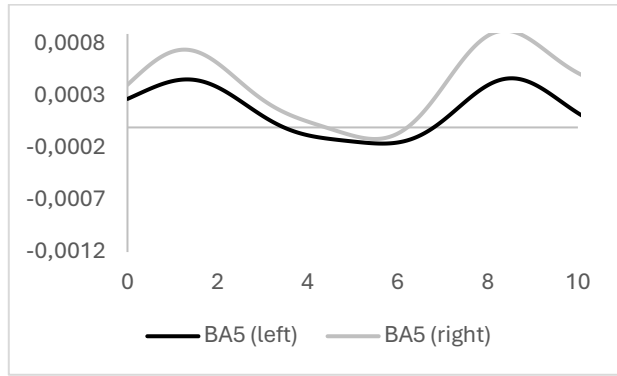
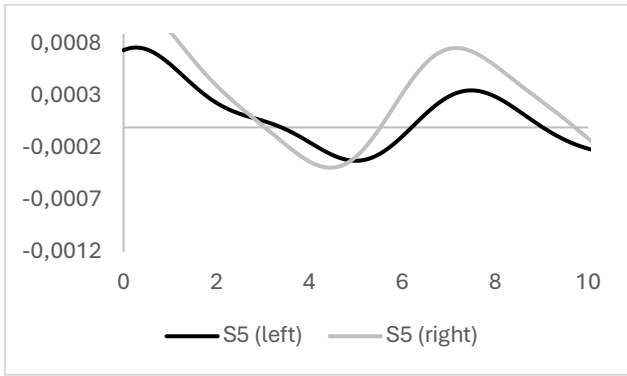
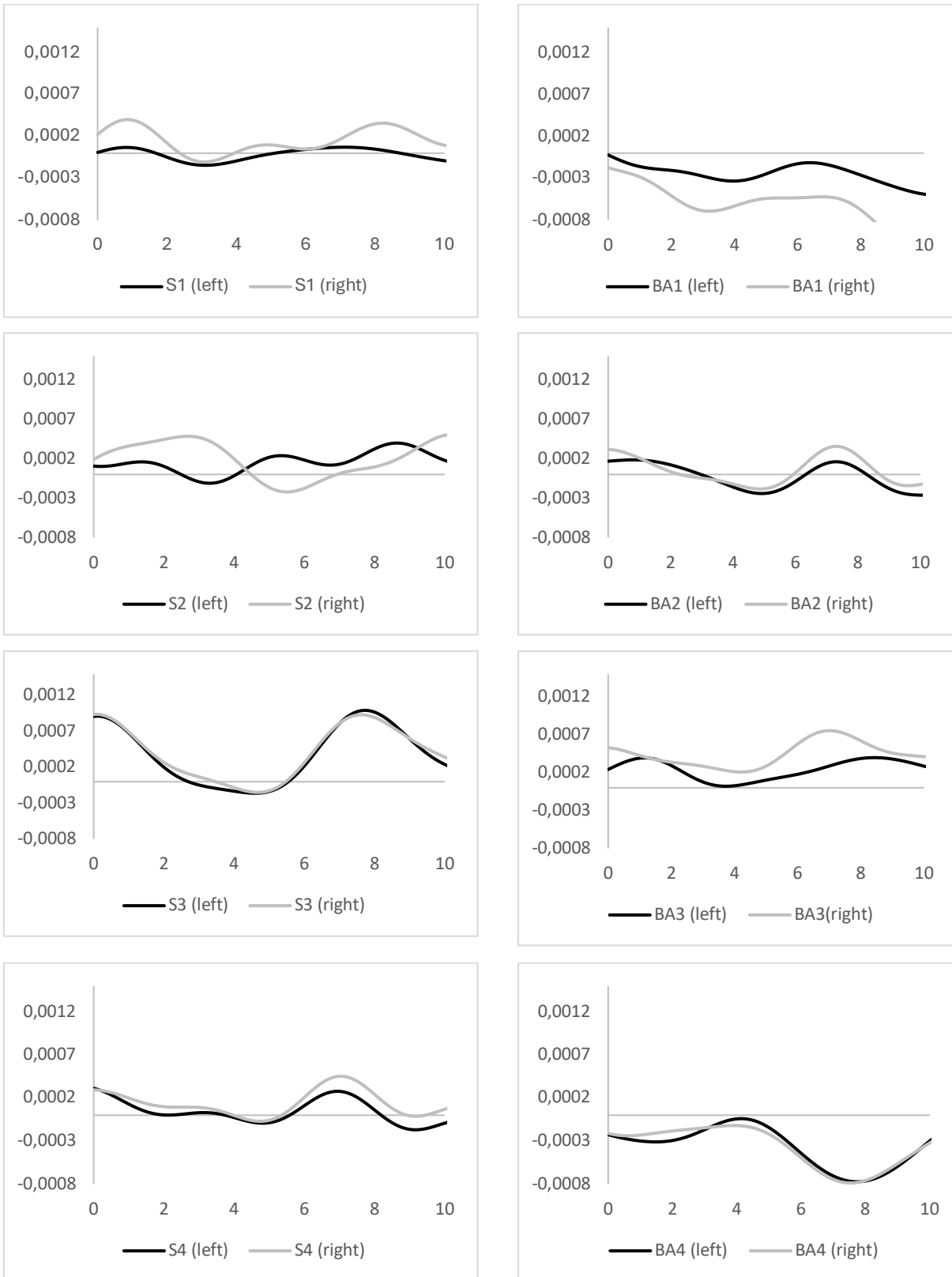
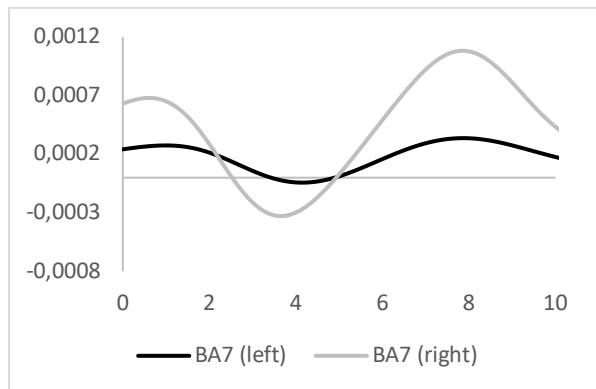
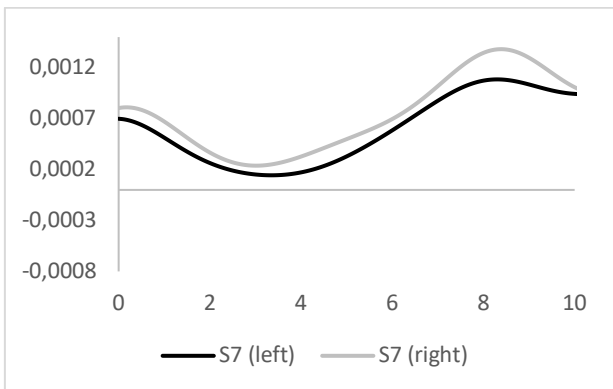
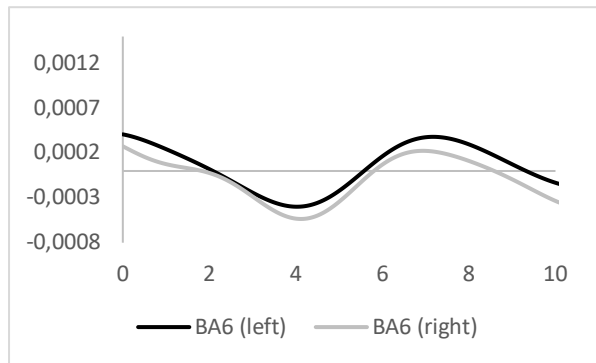
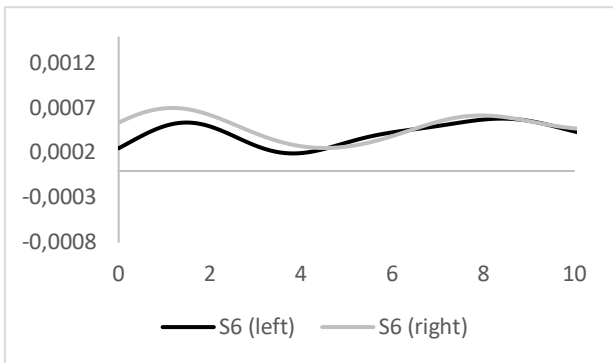
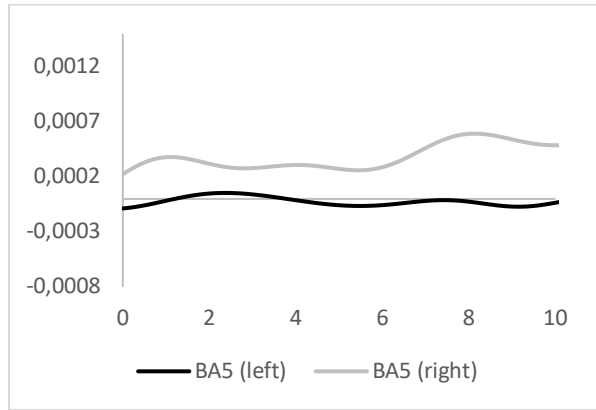
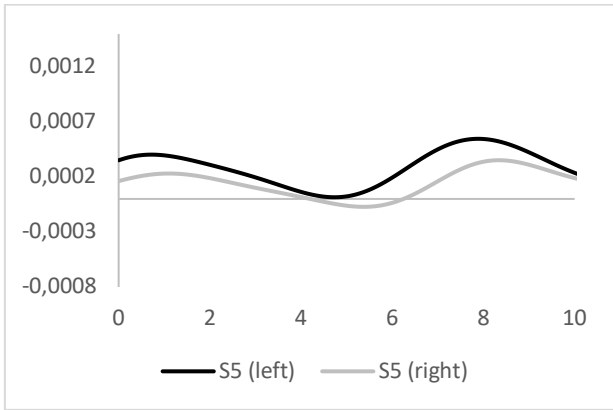


Fig. S3. Cortical brain activity (millimole of oxygenated haemoglobin, HbO<sub>2</sub>) in the left and right regions of interest during the trail-walking test, TWT for 10 seconds. Y axis represents the relative concentration of HbO<sub>2</sub> (mM). X axis represents time (sec). S=socket prosthesis users BA= Bone anchored prosthesis users. Note S8 and BA8 missing data.





Missing data

