Table 5.2 The results of hemispheric activation differences in multiplication task for subject 1 for three methods of removing .EOG artifacts: FFT technique, RLS adaptive filtering and combination methods

(Occipital(O1,O2					(Parietal(P3,P4					(Central (C3,C4					
βh	βl	α	θ	δ	βh	βl	α	θ	δ	βh	βl	A	θ	Δ	Freq Band
Composite Differences															method
-0.0543	0.0318	-0.0265	0.0168	0.0016	0.0362	0.0224	-0.0061	-0.0247	0.0449	-0.0052	0.0083	-0.0350	-0.0642	-0.0770	FFT
-0.0592	-0.1261	-0.1350	-0.1451	-0.0775	0.0739	0.0076	-0.0325	-0.0248	-0.0112	-0.1330	-0.0884	-0.0730	-0.0756	-0.1316	RLS
-0.3879	-0.3272	-0.1932	-0.0961	0.0209	0.0176	-0.0281	0.0278	0.0131	0.0832	-0.0475	-0.0432	0.0289	0.0261	-0.1780	combination