

Table 5.1 the results of hemispheric activation differences in counting task of 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					
β_h	β_l	α	θ	δ	β_h	β_l	α	θ	δ	β_h	β_l	A	θ	Δ	Freq Band
Composite Differences															method
0.0068	0.0386	0.0080	0.0289	0.0110	0.0578	0.0229	0.0470	0.0128	0.0325	0.0123	0.0105	0.0001	0.0274	0.0709-	FFT
0.0188	0.0097	0.0030	0.0042	0.0123	0.0960	0.0685	0.0680	0.0584	0.0620	0.0280	0.0194	0.0506	0.0232	0.0593-	RLS
0.0325	0.3673	0.2041	0.0282	0.0162	0.2511	0.0179	0.0423	0.0209	0.0223	0.0349	0.0535	0.0019	0.0259	0.1530-	combination

