

**Table SII:** Overview statistical results of the ERP component amplitudes

<b>N1</b>	<b>F (df)</b>	<b>p</b>	<b>eta<sup>2</sup></b>
Group	(1,18)=0.31	.586	.02
Rotation	(1,18)=0.01	.934	.00
Hand	(1,18)=0.01	.915	.00
View	(1,18)=0.80	.383	.04
Electrode	(2,17)=1.72	.208	.17
Group*Rotation	(1,18)=2.98	.102	.14
Group*Hand	(1,18)=1.20	.288	.06
Group*View	(1,18)=0.00	.980	.00
Group*Electrode	(2,17)=3.30	.061	.28
Rotation*Hand	(1,18)=0.07	.799	.00
Rotation*View	(1,18)=0.98	.334	.05
Rotation*Electrode	(2,17)=0.46	.638	.05
<u>Hand*View</u>	<u>(1,18)=4.44</u>	<u>.049</u>	<u>.20</u>
Hand*Electrode	(2,17)=0.44	.655	.05
View*Electrode	(2,17)=1.42	.269	.14
Group*Rotation*Hand	(1,18)=2.26	.150	.11
Group*Rotation*View	(1,18)=1.20	.287	.06
Group*Rotation*Electrode	(2,17)=1.35	.285	.14
Group*Hand*View	(1,18)=1.56	.228	.08
Group*Hand*Electrode	(2,17)=0.94	.412	.10
Group*View*Electrode	(2,17)=2.74	.093	.24
Rotation*Hand*View	(1,18)=0.14	.714	.01
Rotation*Hand*Electrode	(2,17)=0.46	.637	.05
Rotation*View*Electrode	(2,17)=1.59	.233	.16
Hand*View*Electrode	(2,17)=1.40	.275	.14
Group*Rotation*Hand*View	(1,18)=0.01	.933	.00
<u>Group*Rotation*Hand*Electrode</u>	<u>(2,17)=4.88</u>	<u>.029</u>	<u>.37</u>
Group*Rotation*View*Electrode	(2,17)=0.16	.852	.02
Group*Hand*View*Electrode	(2,17)=1.14	.271	.14
Rotation*Hand*View*Electrode	(2,17)=1.39	.277	.14
Group*Rotation*Hand*View*Electrode	(2,17)=3.50	.053	.29
<b>PostHoc TD-group</b>	<b>F (df)</b>	<b>p</b>	<b>eta<sup>2</sup></b>
<u>Rotation</u>	<u>(1,12)=5.16</u>	<u>.042</u>	<u>.30</u>
Hand	(1,12)=2.61	.132	.18
View	(1,12)=2.05	.178	.15
Electrode	(2,11)=1.46	.274	.21
Rotation*Hand	(1,12)=1.99	.183	.14
Rotation*View	(1,12)=0.02	.897	.00
Rotation*Electrode	(2,11)=0.41	.672	.07
Hand*View	(1,12)=0.68	.426	.05
Hand*Electrode	(2,11)=0.43	.658	.07
View*Electrode	(2,11)=0.99	.403	.15
Rotation*Hand*View	(1,12)=0.07	.795	.01
Rotation*Hand*Electrode	(2,11)=3.37	.072	.38
Rotation*View*Electrode	(2,11)=1.72	.224	.24
Hand*View*Electrode	(2,11)=1.03	.390	.16
Rotation*Hand*View*Electrode	(2,11)=1.96	.187	.26
<b>PostHoc TD-group: Left hand, Palm view</b>			
Rotation	(1,12)=1.19	.297	.09
Electrode	(2,11)=0.84	.459	.13
<u>Rotation*Electrode</u>	<u>(2,11)=4.06</u>	<u>.048</u>	<u>.42</u>
<b>PostHoc TD-group: Left hand, Back view</b>			
Rotation	(1,12)=1.13	.309	.09

Electrode	(2,11)=1.56	.253	.22
Rotation*Electrode	(2,11)=0.49	.624	.08
PostHoc TD-group: Right hand, Palm view			
Rotation	(1,12)=4.40	.058	.27
Electrode	(2,11)=1.18	.342	.18
<u>Rotation*Electrode</u>	<u>(2,11)=5.07</u>	<u>.027</u>	<u>.48</u>
PostHoc TD-group: Right hand, Back view			
Rotation	(1,12)=2.38	.149	.17
Electrode	(2,11)=0.84	.459	.13
Rotation*Electrode	(2,11)=0.32	.732	.06
<b>PostHoc uCP-group</b>	<b>F (df)</b>	<b>p</b>	<b>eta<sup>2</sup></b>
Rotation	(1,6)=0.56	.483	.09
Hand	(1,6)=0.23	.652	.04
View	(1,6)=0.13	.729	.02
Electrode	(2,5)=1.30	.351	.34
Rotation*Hand	(1,6)=0.63	.457	.10
Rotation*View	(1,6)=0.80	.407	.11
Rotation*Electrode	(2,5)=0.55	.610	.18
Hand*View	(1,6)=2.99	.135	.33
Hand*Electrode	(2,5)=0.33	.731	.12
View*Electrode	(2,5)=1.02	.425	.29
Rotation*Hand*View	(1,6)=0.06	.814	.01
Rotation*Hand*Electrode	(2,5)=1.49	.311	.37
Rotation*View*Electrode	(2,5)=0.43	.672	.15
Hand*View*Electrode	(2,5)=0.68	.547	.22
Rotation*Hand*View*Electrode	(2,5)=1.18	.379	.32
PostHoc uCP-group: Affected hand, Palm view			
Rotation	(1,6)=0.65	.452	.10
Electrode	(2,5)=0.88	.469	.26
Rotation*Electrode	(2,5)=2.10	.218	.46
PostHoc uCP-group: Affected hand, Back view			
Rotation	(1,6)=0.16	.701	.03
Electrode	(2,5)=0.95	.446	.28
Rotation*Electrode	(2,5)=0.42	.681	.14
PostHoc uCP-group: Non-Affected hand, Palm view			
Rotation	(1,6)=0.80	.404	.12
Electrode	(2,5)=1.18	.380	.32
Rotation*Electrode	(2,5)=2.47	.179	.50
PostHoc uCP-group: Non-Affected hand, Back view			
Rotation	(1,6)=0.14	.725	.02
Electrode	(2,5)=0.47	.649	.16
Rotation*Electrode	(2,5)=0.42	.678	.14

<b>P2</b>	<b>F (df)</b>	<b>p</b>	<b>eta<sup>2</sup></b>
Group	(1,18)=0.83	.375	.04
Rotation	(1,18)=1.97	.177	.10
Hand	(1,18)=2.50	.131	.12
View	(1,18)=1.15	.299	.06
<u>Electrode</u>	<u>(2,17)=22.20</u>	<u>.000</u>	<u>.72</u>
Group*Rotation	(1,18)=1.27	.275	.07
Group*Hand	(1,18)=1.14	.301	.06
Group*View	(1,18)=0.33	.576	.02
<u>Group*Electrode</u>	<u>(2,17)=3.99</u>	<u>.038</u>	<u>.32</u>
Rotation*Hand	(1,18)=2.61	.123	.13
Rotation*View	(1,18)=0.01	.912	.00

Rotation*Electrode	(2,17)=1.00	.388	.11
Hand*View	(1,18)=3.83	.066	.18
Hand*Electrode	(2,17)=1.65	.222	.16
View*Electrode	(2,17)=1.26	.309	.13
Group*Rotation*Hand	(1,18)=1.53	.232	.08
Group*Rotation*View	(1,18)=2.02	.173	.10
Group*Rotation*Electrode	(2,17)=2.00	.166	.19
<u>Group*Hand*View</u>	<u>(1,18)=6.77</u>	<u>.018</u>	<u>.27</u>
Group*Hand*Electrode	(2,17)=0.67	.526	.07
Group*View*Electrode	(2,17)=1.65	.221	.16
Rotation*Hand*View	(1,18)=3.49	.078	.16
Rotation*Hand*Electrode	(2,17)=0.55	.590	.06
Rotation*View*Electrode	(2,17)=1.30	.299	.13
Hand*View*Electrode	(2,17)=1.09	.359	.11
<u>Group*Rotation*Hand*View</u>	<u>(1,18)=5.40</u>	<u>.032</u>	<u>.23</u>
Group*Rotation*Hand*Electrode	(2,17)=1.15	.339	.12
Group*Rotation*View*Electrode	(2,17)=0.64	.541	.07
Group*Hand*View*Electrode	(2,17)=0.41	.668	.05
Rotation*Hand*View*Electrode	(2,17)=1.05	.372	.11
Group*Rotation*Hand*View*Electrode	(2,17)=1.30	.297	.13
<b>PostHoc TD-group</b>	<b>F (df)</b>	<b>p</b>	<b>eta<sup>2</sup></b>
Rotation	(1,12)=0.10	.757	.01
Hand	(1,12)=0.21	.653	.02
View	(1,12)=2.49	.140	.17
<u>Electrode</u>	<u>(2,11)=9.64</u>	<u>.004</u>	<u>.64</u>
Rotation*Hand	(1,12)=0.13	.729	.01
Rotation*View	(1,12)=2.20	.163	.16
Rotation*Electrode	(2,11)=1.34	.302	.20
Hand*View	(1,12)=2.74	.124	.19
Hand*Electrode	(2,11)=1.92	.193	.26
View*Electrode	(2,11)=0.35	.710	.06
Rotation*Hand*View	(1,12)=0.13	.724	.01
Rotation*Hand*Electrode	(2,11)=0.32	.733	.06
Rotation*View*Electrode	(2,11)=0.21	.817	.04
Hand*View*Electrode	(2,11)=0.10	.903	.02
Rotation*Hand*View*Electrode	(2,11)=0.57	.581	.09
<b>PostHoc TD-group: Palm view, Left hand</b>			
Rotation	(1,12)=2.19	.165	.15
Electrode	(2,11)=3.15	.083	.36
Rotation*Electrode	(2,11)=0.01	.991	.00
<b>PostHoc TD-group: Palm view, Right hand</b>			
Rotation	(1,12)=3.57	.064	.39
Electrode	(2,11)=0.81	.387	.06
Rotation*Electrode	(2,11)=0.19	.827	.03
<b>PostHoc TD-group: Back view, Left hand</b>			
Rotation	(1,12)=0.24	.633	.02
<u>Electrode</u>	<u>(2,11)=5.45</u>	<u>.023</u>	<u>.50</u>
Rotation*Electrode	(2,11)=0.61	.560	.10
<b>PostHoc TD-group: Back view, Right hand</b>			
Rotation	(1,12)=1.23	.289	.09
<u>Electrode</u>	<u>(2,11)=7.33</u>	<u>.009</u>	<u>.57</u>
Rotation*Electrode	(2,11)=0.48	.632	.08
<b>PostHoc uCP-group</b>	<b>F (df)</b>	<b>p</b>	<b>eta<sup>2</sup></b>
Rotation	(1,6)=1.30	.298	.18
Hand	(1,6)=2.22	.187	.27

View	(1,6)=0.07	.806	.01
<u>Electrode</u>	<u>(2,5)=8.68</u>	<u>.024</u>	<u>.78</u>
Rotation*Hand	(1,6)=2.30	.180	.28
Rotation*View	(1,6)=0.45	.529	.07
Rotation*Electrode	(2,5)=0.91	.460	.27
Hand*View	(1,6)=2.87	.141	.32
Hand*Electrode	(2,5)=0.64	.565	.20
View*Electrode	(2,5)=0.76	.516	.23
<u>Rotation*Hand*View</u>	<u>(1,6)=9.15</u>	<u>.023</u>	<u>.60</u>
Rotation*Hand*Electrode	(2,5)=1.71	.271	.41
Rotation*View*Electrode	(2,5)=0.59	.589	.19
Hand*View*Electrode	(2,5)=1.52	.305	.38
Rotation*Hand*View*Electrode	(2,5)=0.56	.602	.18
PostHoc uCP-group: Palm view			
Rotation	(1,6)=0.13	.734	.02
Hand	(1,6)=2.85	.142	.32
Electrode	(2,5)=5.40	.056	.68
<u>Rotation*Hand</u>	<u>(1,6)=11.60</u>	<u>.014</u>	<u>.66</u>
Rotation*Electrode	(2,5)=0.24	.798	.09
Hand*Electrode	(2,5)=1.45	.032	.37
Rotation*Hand*Electrode	(2,5)=1.11	.399	.31
PostHoc uCP-group: Palm view, Affected hand			
Rotation	(1,6)=3.75	.101	.39
Electrode	(2,5)=1.87	.247	.43
Rotation*Electrode	(2,5)=1.04	.419	.29
PostHoc uCP-group: Palm view, Non-Affected hand			
Rotation	(1,6)=1.30	.298	.18
Electrode	(2,5)=1.39	.331	.36
Rotation*Electrode	(2,5)=0.61	.581	.20
PostHoc uCP-group: Back view			
Rotation	(1,6)=1.40	.282	.19
Hand	(1,6)=1.34	.291	.18
Electrode	(2,5)=5.19	.060	.68
Rotation*Hand	(1,6)=0.22	.656	.04
Rotation*Electrode	(2,5)=2.82	.152	.53
<u>Hand*Electrode</u>	<u>(2,5)=6.73</u>	<u>.038</u>	<u>.73</u>
Rotation*Hand*Electrode	(2,5)=0.30	.755	.11
PostHoc uCP-group: Back view, Affected hand			
Rotation	(1,6)=0.50	.505	.08
Electrode	(2,5)=5.05	.063	.67
Rotation*Electrode	(2,5)=3.16	.130	.56
PostHoc uCP-group: Back view, Non-Affected hand			
Rotation	(1,6)=2.46	.168	.29
<u>Electrode</u>	<u>(2,5)=6.76</u>	<u>.038</u>	<u>.73</u>
Rotation*Electrode	(2,5)=0.54	.615	.18

RRN	F (df)	p	eta <sup>2</sup>
Group	(1,18)=1.39	.253	.07
<u>Rotation</u>	<u>(1,18)=6.43</u>	<u>.021</u>	<u>.26</u>
Hand	(1,18)=0.98	.335	.05
View	(1,18)=0.03	.867	.00
Electrode	(2,17)=2.44	.117	.22
Group*Rotation	(1,18)=2.46	.134	.12
Group*Hand	(1,18)=0.46	.505	.03
Group*View	(1,18)=0.69	.417	.04
<u>Group*Electrode</u>	<u>(2,17)=5.89</u>	<u>.011</u>	<u>.41</u>
<u>Rotation*Hand</u>	<u>(1,18)=11.01</u>	<u>.004</u>	<u>.38</u>

Rotation*View	(1,18)=0.57	.461	.03
Rotation*Electrode	(2,17)=0.24	.788	.03
Hand*View	(1,18)=0.05	.831	.00
<u>Hand*Electrode</u>	<u>(2,17)=4.97</u>	<u>.020</u>	<u>.37</u>
View*Electrode	(2,17)=1.26	.310	.13
<u>Group*Rotation*Hand</u>	<u>(1,18)=5.93</u>	<u>.026</u>	<u>.25</u>
Group*Rotation*View	(1,18)=0.54	.471	.03
Group*Rotation*Electrode	(2,17)=2.34	.126	.22
Group*Hand*View	(1,18)=0.51	.485	.03
Group*Hand*Electrode	(2,17)=1.36	.284	.14
Group*View*Electrode	(2,17)=0.07	.934	.01
Rotation*Hand*View	(1,18)=1.99	.175	.10
Rotation*Hand*Electrode	(2,17)=1.59	.233	.16
Rotation*View*Electrode	(2,17)=0.18	.841	.02
Hand*View*Electrode	(2,17)=0.09	.918	.01
<u>Group*Rotation*Hand*View</u>	<u>(1,18)=5.52</u>	<u>.030</u>	<u>.24</u>
Group*Rotation*Hand*Electrode	(2,17)=0.47	.631	.05
Group*Rotation*View*Electrode	(2,17)=0.63	.543	.07
Group*Hand*View*Electrode	(2,17)=1.13	.346	.12
Rotation*Hand*View*Electrode	(2,17)=0.60	.560	.07
Group*Rotation*Hand*View*Electrode	(2,17)=0.15	.858	.02
<b>PostHoc TD-group</b>	<b>F (df)</b>	<b>p</b>	<b>eta<sup>2</sup></b>
<u>Rotation</u>	<u>(1,12)=5.02</u>	<u>.045</u>	<u>.30</u>
Hand	(1,12)=0.33	.576	.03
View	(1,12)=4.53	.055	.27
<u>Electrode</u>	<u>(2,11)=5.76</u>	<u>.019</u>	<u>.51</u>
Rotation*Hand	(1,12)=0.44	.520	.04
Rotation*View	(1,12)=0.00	.963	.00
Rotation*Electrode	(2,11)=0.97	.410	.15
Hand*View	(1,12)=0.46	.511	.04
Hand*Electrode	(2,11)=1.19	.339	.18
View*Electrode	(2,11)=2.62	.117	.32
Rotation*Hand*View	(1,12)=1.07	.322	.08
Rotation*Hand*Electrode	(2,11)=0.24	.794	.04
Rotation*View*Electrode	(2,11)=0.65	.539	.11
Hand*View*Electrode	(2,11)=0.71	.513	.11
Rotation*Hand*View*Electrode	(2,11)=0.44	.655	.07
<b>PostHoc uCP-group</b>	<b>F (df)</b>	<b>p</b>	<b>eta<sup>2</sup></b>
Rotation	(1,6)=2.37	.175	.28
Hand	(1,6)=0.42	.543	.07
View	(1,6)=0.06	.811	.01
Electrode	(2,5)=2.76	.156	.53
<u>Rotation*Hand</u>	<u>(1,6)=27.12</u>	<u>.002</u>	<u>.82</u>
Rotation*View	(1,6)=0.30	.601	.05
Rotation*Electrode	(2,5)=1.83	.253	.42
Hand*View	(1,6)=0.15	.713	.02
<u>Hand*Electrode</u>	<u>(2,5)=11.35</u>	<u>.014</u>	<u>.82</u>
View*Electrode	(2,5)=0.37	.707	.13
<u>Rotation*Hand*View</u>	<u>(1,6)=2.98</u>	<u>.135</u>	<u>.33</u>
Rotation*Hand*Electrode	(2,5)=1.31	.350	.34
Rotation*View*Electrode	(2,5)=0.21	.818	.08
Hand*View*Electrode	(2,5)=0.37	.706	.13
Rotation*Hand*View*Electrode	(2,5)=0.33	.733	.12
<b>PostHoc uCP-group: Affected hand</b>			
Rotation	(1,6)=0.59	.471	.09

View	(1,6)=0.01	.909	.00
Electrode	(2,5)=2.55	.173	.51
Rotation*View	(1,6)=0.05	.832	.01
Rotation*Electrode	(2,5)=1.42	.326	.36
View*Electrode	(2,5)=0.52	.625	.17
Rotation*View*Electrode	(2,5)=0.36	.716	.13
PostHoc uCP-group: Non-Affected hand			
<u>Rotation</u>	<u>(1,6)=6.07</u>	<u>.049</u>	<u>.50</u>
View	(1,6)=0.17	.692	.03
Electrode	(2,5)=3.79	.100	.60
Rotation*View	(1,6)=1.68	.242	.22
Rotation*Electrode	(2,5)=1.80	.257	.42
View*Electrode	(2,5)=0.21	.818	.08
Rotation*View*Electrode	(2,5)=0.29	.763	.10