Supplementary Table S1**.** Normality assessment based on outcomes of Shapiro-Wilk test and statistics of skewness and kurtosis

Variable	Total group					Males					Females				
	W	p	S	K	Norm.	W	p	S	K	Norm.	W	p	S	K	Norm.
N75 OP µV 1	0.96	0.002	-0.63	4.79	no	0.96	0.102	-0.70	3.21	yes	0.95	0.022	-0.51	4.60	no
N75 OP ms 1	0.92	<0.001	-1.10	4.99	no	0.95	0.026	-0.79	3.74	yes	0.89	<0.001	-1.54	7.39	no
P100 OP µV 1	0.92	<0.001	1.31	6.06	no	0.94	0.010	1.02	4.76	no	0.92	0.001	1.29	5.77	no
P100 OP ms 1	0.97	0.019	-0.48	3.54	yes	0.97	0.205	-0.60	3.83	yes	0.96	0.081	-0.40	3.23	yes
N175 OP µV 1	0.93	<0.001	-1.16	5.11	no	0.90	<0.001	-1.49	8.08	no	0.94	0.009	-0.90	3.56	yes
N175 OP ms 1	0.99	0.476	-0.02	3.19	yes	0.97	0.305	0.31	2.86	yes	0.98	0.593	-0.36	3.45	yes
N75 OP µV 2	0.92	<0.001	-1.14	6.20	no	0.90	<0.001	-1.16	6.77	no	0.90	<0.001	-1.23	4.91	no
N75 OP ms 2	0.91	<0.001	-1.27	7.63	no	0.91	0.001	-1.07	6.59	no	0.89	<0.001	-1.44	7.56	no
P100 OP µV 2	0.93	<0.001	1.12	4.92	no	0.86	<0.001	1.75	7.59	no	0.95	0.032	0.50	2.48	yes
P100 OP ms 2	0.97	0.029	0.21	2.26	yes	0.97	0.278	0.14	2.19	yes	0.96	0.057	0.27	2.22	yes
N175 OP µV 2	0.97	0.011	-0.71	3.65	yes	0.95	0.019	-0.91	4.05	no	0.97	0.173	-0.58	2.99	yes
N175 OP ms 2	0.97	0.022	-0.11	2.72	yes	0.97	0.117	-0.34	2.33	yes	0.96	0.058	0.07	2.77	yes
N75 OL µV 1	0.95	0.001	-0.90	4.55	no	0.95	0.019	-0.78	3.22	yes	0.94	0.013	-0.93	5.17	no
N75 OL ms 1	0.96	0.001	-0.68	4.37	no	0.98	0.357	-0.36	3.49	yes	0.90	<0.001	-1.08	5.95	no
P100 OL µV 1	0.92	<0.001	1.30	6.09	no	0.91	0.001	1.14	5.35	no	0.91	0.001	1.31	5.98	no
P100 OL ms 1	0.95	0.001	0.11	5.49	no	0.92	0.002	0.47	6.93	no	0.97	0.139	-0.23	4.09	yes
N175 OL µV 1	0.96	0.002	-0.60	4.43	no	0.95	0.016	-0.38	5.94	no	0.94	0.013	-0.75	3.10	yes
N175 OL ms 1	0.98	0.068	0.13	3.44	yes	0.97	0.160	0.57	3.05	yes	0.98	0.435	-0.09	3.37	yes
N75 OL µV 2	0.95	<0.001	-0.93	4.51	no	0.95	0.031	-0.92	5.01	no	0.94	0.016	-0.91	4.06	no
N75 OL ms 2	0.92	<0.001	-1.26	6.75	no	0.96	0.104	-0.45	4.85	yes	0.85	<0.001	-1.75	7.53	no
P100 OL µV 2	0.95	<0.001	1.00	4.73	no	0.89	<0.001	1.59	7.11	no	0.97	0.283	0.53	3.16	yes
P100 OL ms 2	0.98	0.253	-0.11	2.53	yes	0.98	0.655	0.04	2.30	yes	0.97	0.319	-0.26	2.85	yes
N175 OL µV 2	0.96	0.004	-0.57	4.88	no	0.90	<0.001	-1.40	5.81	no	0.96	0.059	0.35	5.05	yes
N175 OL ms 2	0.98	0.128	0.10	3.59	yes	0.96	0.051	0.04	1.87	yes	0.98	0.358	0.06	3.89	yes

Notes: W = test statistic from Shapiro-Wilk test, p = p-value from Shapiro-Wilk test. S = skewness, K = kurtosis, Norm. = assessment of normal distribution. Distribution was considered normal in two cases: (1) non-significant outcome of Shapiro-Wilk test or (2) significant outcome of Shapiro-Wilk test and skewness and kurtosis indicating shape of the distribution close to normal distribution (S>-1 and S<1, K>2 and K<4).