

Supplemental Material S6. Mean, standard deviation, median and statistical test (independent *t* test) results of the ALLR measures.

EP Measures	In quiet							<i>p</i> -value
	APD			TD			<i>t</i> -value	
	<i>M</i>	<i>SD</i>	<i>Mdn</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>	<i>t</i> (17)	
P1 Amplitude (in μ V)	4.46	1.98	4.12	2.97	1.42	2.61	−1.860	.080
N2 Amplitude (in μ V)	−5.67	2.21	−5.21	−2.91	1.19	3.25	3.332	.004
P1 Latency (in ms)	107.80	4.49	108.00	115.70	27.77	108	0.862	.401
N2 Latency (in ms)	318.20	11.98	319.00	320.11	18.67	315.00	0.268	.792
In the presence of noise								
	APD			TD			<i>t</i> -value	<i>p</i> -value
	<i>M</i>	<i>SD</i>	<i>Mdn</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>	<i>t</i> (17)	
P1 Amplitude (in μ V)	2.93	1.36	2.58	1.28	0.80	1.13	−3.162	.006
N2 Amplitude (in μ V)	−4.41	1.30	−4.51	−2.01	0.92	−2.16	4.600	.0002
P1 Latency (in ms)	177.10	15.61	172.00	150.88	22.90	151.00	−2.942	.009
N2 Latency (in ms)	364.70	17.96	362.00	361.44	25.42	375.00	−0.325	.749

Note. *F* value = *F*-statistics with degrees of freedom in parenthesis; *p* = level of significance.