

FEATURES OF OCULOMOTOR REACTIONS IN HIGHLY ANXIOUS VOLUNTEERS WITH DIFFERENT LEVEL OF IMPULSIVITY IN SOLVING DIFFERENT TYPES OF THE ANTI-SACCADE TASK

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Таблица 1. Значения глазодвигательных параметров саккад в step дизайне

Table 1. Mean and standard deviation of the oculomotor parameters for the step design

Parameter	Stimulus	Positive		Negative		Neutral	
	Statistic	M	SD	M	SD	M	SD
Antisaccade amplitude (°)	LI&HI(n=20)	6.05	1.49	6.06	1.20	6.18	1.32
	HI&HI(n=14)	6.19	1.25	6.49	1.23	6.28	1.27
Express error amplitude (°)	LI&HI(n=20)	2.83	2.77	2.13	2.80	1.71	2.75
	HI&HI(n=14)	2.81	3.05	2.87	2.83	2.26	3.01
Regular error amplitude (°)	LI&HI(n=20)	1.07	2.28	2.27	2.53	4.37	1.53
	HI&HI(n=14)	2.99	3.14	1.64	2.26	4.22	0.98
Antisaccade latency (ms)	LI&HI(n=20)	226.48	31.54	230.08	23.36	255.73	32.59
	HI&HI(n=14)	235.21	41.49	237.93	35.36	265.30	57.54
Express error latency (ms)	LI&HI(n=20)	69.002	64.24	46.053	62.20	37.035	58.18
	HI&HI(n=14)	61.387	64.01	66.967	60.68	54.161	65.35
Regular error latency (ms)	LI&HI(n=20)	92.838	157.07	86.717	91.07	192.875	59.22
	HI&HI(n=14)	137.107	180.05	108.000	188.25	227.965	70.46

Antisaccade velocity (°/s)	LI&HI(n=20)	268.061	58.74	275.004	56.95	275.489	52.40
	HI&HI(n=14)	255.694	38.06	271.359	33.05	261.412	32.60
Express error velocity (°/s)	LI&HI(n=20)	144.930	142.40	110.292	142.33	90.568	146.28
	HI&HI(n=14)	173.788	142.32	169.791	142.09	124.670	155.28
Regular error velocity (°/s)	LI&HI(n=20)	67.959	128.71	114.335	125.52	240.845	75.78
	HI&HI(n=14)	166.526	163.47	85.611	105.44	237.616	50.37
Express error rate (%)	LI&HI(n=20)	6.50	10.01	3.50	8.13	0.92	2.06
	HI&HI(n=14)	6.43	7.95	5.36	7.20	7.50	7.04
Regular error rate (%)	LI&HI(n=20)	2.75	4.99	4.00	4.76	7.75	6.20
	HI&HI(n=14)	5.36	6.64	5.00	7.34	8.81	7.24

Примечание. M – среднее значение, SD – стандартное отклонение, данные с p-значением < 0.05 обозначены полужирным курсивом

Note. M – mean, SD – standard deviation, data with p-value <0.05 is written in bold-italic, LI&HI – Low Impulsivity &High Anxiety, HI&HI – High Impulsivity &High Anxiety

Таблица 2. Значения глазодвигательных параметров саккад в overlap дизайне

Table 2. Mean and standard deviation of the oculomotor parameters for the overlap design

Parameter	Stimulus	Positive		Negative		Neutral	
	Statistic	M	SD	M	SD	M	SD
Antisaccade amplitude (°)	LI&HI(n=20)	1.24	2.01	2.52	3.02	3.14	3.30
	HI&HI(n=14)	2.36	2.99	2.97	2.97	3.12	2.33
Express error amplitude (°)	LI&HI(n=20)	6.29	1.16	5.61	1.56	6.12	1.09
	HI&HI(n=14)	5.02	2.73	5.53	2.62	4.64	2.79
Regular error amplitude (°)	LI&HI(n=20)	5.84	1.52	5.65	1.84	5.95	1.41
	HI&HI(n=14)	6.23	1.83	5.17	1.72	5.60	1.07
Antisaccade latency (ms)	LI&HI(n=20)	43.97	70.89	89.30	106.44	167.36	218.61
	HI&HI(n=14)	82.44	107.09	141.95	143.20	139.25	102.28
Express error latency (ms)	LI&HI(n=20)	118.206	7.61	113.081	27.61	120.969	4.71
	HI&HI(n=14)	102.439	43.85	101.172	43.93	96.607	52.69
Regular error latency (ms)	LI&HI(n=20)	198.93	28.32	201.65	60.86	205.19	24.94
	HI&HI(n=14)	226.71	56.89	231.54	40.29	231.74	38.90
Antisaccade velocity (°/s)	LI&HI(n=20)	74.009	118.60	123.036	144.15	153.852	132.03
	HI&HI(n=14)	112.585	139.69	150.921	146.90	154.720	115.21
Express error velocity (°/s)	LI&HI(n=20)	282.186	45.72	265.101	74.99	293.843	44.01
	HI&HI(n=14)	224.379	111.54	238.149	108.76	215.515	124.73
Regular error velocity (°/s)	LI&HI(n=20)	261.139	43.90	255.971	70.73	274.442	41.85
	HI&HI(n=14)	263.869	45.39	236.004	59.44	252.651	40.99
Express error rate (%)	LI&HI(n=20)	18.25	13.40	20.50	15.21	11.50	8.31
	HI&HI(n=14)	20.71	14.12	22.14	17.18	12.26	13.00
Regular error rate (%)	LI&HI(n=20)	39.50	25.28	35.00	24.17	36.58	25.53
	HI&HI(n=14)	42.50	22.77	43.57	20.14	52.14	24.50

Примечание. M – среднее значение, SD – стандартное отклонение, данные с p-значением <0.05 обозначены полужирным курсивом

Note. M – mean, SD – standard deviation, data with p-value <0.05 is written in bold-italic, LI&HI – Low Impulsivity &High Anxiety, HI&HI – High Impulsivity &High Anxiety

Таблица 3. Значения глазодвигательных параметров саккад в гар дизайне

Table 3. Mean and standard deviation of the oculomotor parameters for the gap design

Parameter	Stimulus	Positive		Negative		Neutral	
	Statistic	M	SD	M	SD	M	SD
Antisaccade amplitude (°)	LI&HI(n=20)	6.36	1.46	6.57	1.49	6.41	1.55
	HI&HI(n=14)	6.58	1.68	6.47	1.83	6.39	1.45
Express error amplitude (°)	LI&HI(n=20)	4.32	2.71	4.06	2.61	3.74	3.09
	HI&HI(n=14)	3.60	3.58	3.16	2.73	3.43	2.41
Regular error amplitude (°)	LI&HI(n=20)	1.88	2.76	1.99	2.49	4.36	1.50
	HI&HI(n=14)	1.17	2.29	1.48	1.92	3.17	1.69
Antisaccade latency (ms)	LI&HI(n=20)	191.83	33.94	188.09	36.96	211.94	28.20
	HI&HI(n=14)	213.54	37.74	206.02	40.80	219.86	37.01
Express error latency (ms)	LI&HI(n=20)	94.922	49.83	85.583	51.97	79.809	60.71
	HI&HI(n=14)	74.384	58.17	74.798	58.27	87.219	57.76
Regular error latency (ms)	LI&HI(n=20)	137.107	125.49	108.000	134.98	227.965	65.57
	HI&HI(n=14)	92.838	83.21	86.717	157.91	192.875	63.38
Antisaccade velocity (°/s)	LI&HI(n=20)	275.538	53.78	287.411	54.10	277.325	54.66
	HI&HI(n=14)	257.649	45.15	264.856	47.73	262.496	34.69
Express error velocity (°/s)	LI&HI(n=20)	227.934	123.39	215.111	134.21	200.823	160.01
	HI&HI(n=14)	188.237	164.70	178.764	149.32	202.728	143.47
Regular error velocity (°/s)	LI&HI(n=20)	94.004	135.16	107.702	127.92	236.539	73.68
	HI&HI(n=14)	58.611	111.58	99.824	130.46	197.604	90.02
Express error rate (%)	LI&HI(n=20)	6.00	5.28	5.25	5.73	3.50	4.49
	HI&HI(n=14)	9.64	12.78	8.93	10.41	3.33	3.76
Regular error rate (%)	LI&HI(n=20)	2.25	3.80	3.00	3.77	7.83	4.40
	HI&HI(n=14)	1.79	3.17	2.50	3.25	8.45	6.08

Примечание. M – среднее значение, SD – стандартное отклонение, данные с p-значением <0.05 обозначены полужирным курсивом

Note. M – mean, SD – standard deviation, data with p-value <0.05 is written in bold-italic, LI&HI – Low Impulsivity &High Anxiety, HI&HI – High Impulsivity &High Anxiety