

Analysis of the reproducibility of the Bio-Well measurement results

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With the use of multiple Bio-Well devices 10 consecutive measurements of parameters of 11 people was held. Everyone was measured in one day, with an interval between measurements from 5 to 15 minutes. Subjects age from 24 to 64 years old (38.9 +/- 15.1), 6 males and 5 females. The data obtained are presented in the tables.

The analysis shows that the variability of the data throughout the day on the basic parameters was not higher than 10%. The level of stress for 7 people was less than 10%, and for 4 people at the level of 10-17%.

These indicators reflect the individual human variability. For example, Fig. 1 shows the curves of the level of stress (emotional pressure) for two people. In the first case the variation was at the level 3%, in the second 17%. As we can see, in the second case the stress level decreases during the measurements.

The variability of parameters in consecutive measurements of the test object is 1-3%.

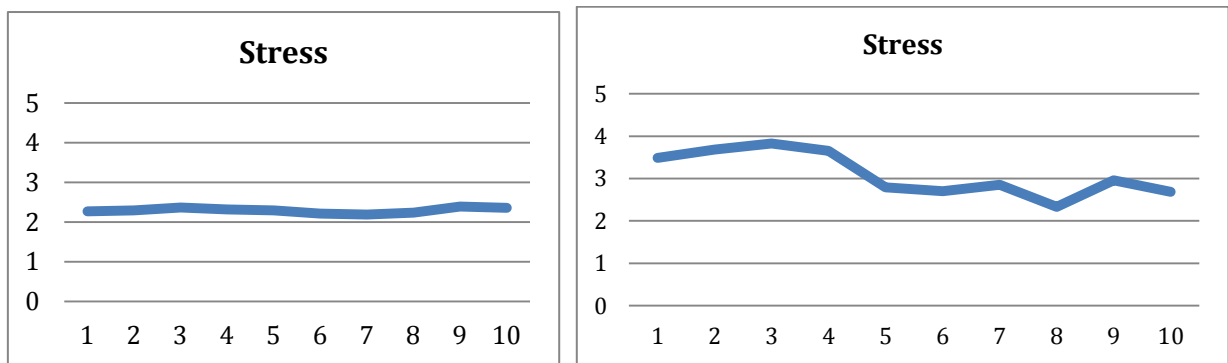


Fig.1. Stress level variation for two people.

Table 1. Variability of parameters for 11 people

Person	Emotional Pressure	Energy	L/R Symmetry	Organs balance	Entropy coeff	Form Coeff	Area Front
1	3%	4%	4%	5%	2%	3%	3%
2	4%	4%	3%	6%	6%	5%	5%
3	6%	7%	5%	4%	5%	6%	8%
4	7%	7%	2%	3%	3%	7%	9%
5	7%	4%	2%	3%	6%	8%	7%
6	8%	6%	3%	3%	19%	52%	5%
7	8%	4%	3%	4%	2%	5%	5%
8	10%	9%	9%	9%	16%	29%	9%
9	11%	7%	9%	11%	8%	15%	6%
10	12%	13%	4%	5%	9%	28%	12%
11	17%	4%	3%	3%	9%	6%	10%

Table 2. Average values of the parameters, the standard deviation and variability of parameters for 11 people

Person	Param	Emotion Pressure	Energy	L/R Symmetry	Organs balance	Entropy coeff	Form Coeff	Area Front
1	Aver10	2,29	64,78	94,89	89,52	2,19	2,14	78306,40
	STD10	0,07	2,82	4,26	4,64	0,04	0,05	2540,06
	%%	3%	4%	4%	5%	2%	3%	3%
2	Aver10	2,60	64,77	92,07	85,09	2,40	2,82	72485,10
	STD10	0,26	5,64	8,72	7,35	0,38	0,83	6295,59
	%%	10%	9%	9%	9%	16%	29%	9%
3	Aver10	3,20	75,59	96,78	90,23	1,98	2,15	73251,80
	STD10	0,18	5,27	4,81	3,94	0,09	0,13	5943,65
	%%	6%	7%	5%	4%	5%	6%	8%
4	Aver10	2,77	78,09	95,44	90,84	2,31	2,25	85753,30
	STD10	0,11	3,01	3,22	5,10	0,14	0,11	4363,27
	%%	4%	4%	3%	6%	6%	5%	5%
5	Aver10	2,62	38,43	94,56	87,39	2,25	3,13	50209,90
	STD10	0,33	4,94	4,04	4,33	0,20	0,87	5824,21
	%%	12%	13%	4%	5%	9%	28%	12%
6	Aver10	2,62	45,75	92,24	85,51	2,31	2,97	60206,40
	STD10	0,29	3,22	7,89	9,22	0,19	0,46	3763,77
	%%	11%	7%	9%	11%	8%	15%	6%
7	Aver10	2,60	45,44	96,46	88,98	2,22	2,64	60641,30
	STD10	0,19	2,98	2,41	2,82	0,06	0,17	5394,16
	%%	7%	7%	2%	3%	3%	7%	9%
8	Aver10	2,96	53,93	96,04	90,41	2,40	3,23	69610,20
	STD10	0,22	3,04	2,52	2,33	0,45	1,67	3189,23
	%%	8%	6%	3%	3%	19%	52%	5%
9	Aver10	2,51	58,16	95,93	91,36	2,48	2,56	77393,70
	STD10	0,21	2,30	2,41	4,09	0,05	0,12	3724,04
	%%	8%	4%	3%	4%	2%	5%	5%
10	Aver10	3,10	52,41	95,03	90,47	2,28	2,51	71195,70
	STD10	0,52	2,18	3,32	2,39	0,20	0,15	7218,07
	%%	17%	4%	3%	3%	9%	6%	10%
11	Aver10	2,56	84,33	98,12	91,91	2,19	2,29	77952,70
	STD10	0,19	3,18	1,48	2,68	0,12	0,18	5586,31
	%%	7%	4%	2%	3%	6%	8%	7%

Table 3. Average values of the energy of the chakras, the standard deviation and variability of parameters for 11 people

Person	Muladhara	Svadhasthana	Manipura	Anaharta	Vishudha	Ajna	Sahasrara
1	5,41	5,77	5,30	6,30	5,79	5,56	5,45
	0,29	0,33	0,43	0,30	0,32	0,24	0,41
	5%	6%	8%	5%	6%	4%	7%
2	5,41	5,87	5,28	6,18	6,04	5,41	5,43
	0,77	0,60	0,85	0,51	1,03	0,92	0,77
	14%	10%	16%	8%	17%	17%	14%
3	7,39	6,99	7,15	6,76	6,53	6,13	5,96
	0,78	0,70	0,74	1,07	0,70	0,46	0,49
	11%	10%	10%	16%	11%	7%	8%
4	7,92	7,00	7,14	6,98	7,59	6,57	6,05
	0,30	0,77	0,50	0,26	0,50	0,34	0,42
	4%	11%	7%	4%	7%	5%	7%
5	2,93	2,93	2,79	2,98	2,75	2,85	2,97
	0,45	0,47	0,49	0,37	0,53	0,57	0,55
	15%	16%	17%	12%	19%	20%	18%
6	3,80	3,57	3,71	3,79	3,93	3,38	3,43
	0,42	0,55	0,46	0,47	0,33	0,30	0,33
	11%	16%	13%	12%	8%	9%	10%
7	3,55	3,42	3,39	3,65	4,28	3,40	3,62
	0,28	0,26	0,33	0,32	0,41	0,43	0,34
	8%	8%	10%	9%	10%	13%	9%
8	5,17	4,71	4,94	4,75	5,17	3,82	4,01
	0,46	0,33	0,42	0,34	0,52	0,26	0,35
	9%	7%	8%	7%	10%	7%	9%
9	4,91	5,14	5,24	5,09	5,68	4,46	4,66
	0,14	0,35	0,32	0,57	0,52	0,32	0,23
	3%	7%	6%	11%	9%	7%	5%
10	4,57	4,54	4,78	4,53	4,99	3,76	3,88
	0,35	0,31	0,29	0,25	0,62	0,31	0,34
	8%	7%	6%	6%	12%	8%	9%
11	8,15	7,71	8,01	8,11	8,53	6,70	6,76
	0,56	0,44	0,52	0,55	0,62	0,30	0,41
	7%	6%	6%	7%	7%	5%	6%