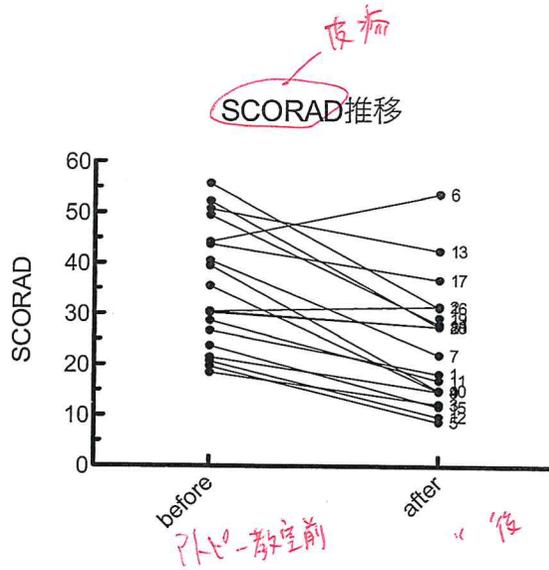


PTO - 教室前後のスコアの変化.

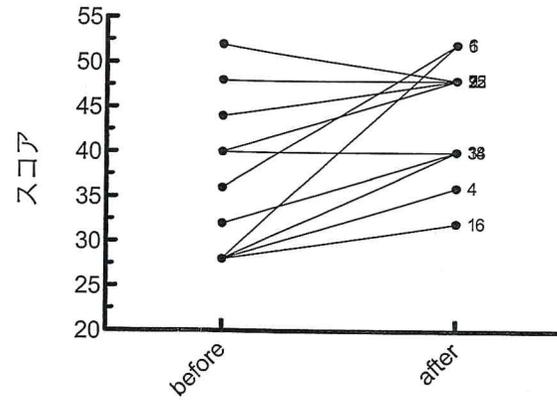
次回予定.

9/19 (2)

点数の改善率



アンケート問題 (完回答のみ)



	before	after
1	26.7	18.3
2	30.5	31.5
3	18.5	12.3
4	35.5	14.8
5	19.7	8.8
6	44.3	53.7
7	40.5	22.0
8	52.3	27.5
9	21.5	14.8
10	39.5	15.0
11	28.7	17.0
12	20.7	9.8
13	50.8	42.5
14	49.5	28.0
15	23.8	11.8
16	55.7	31.3
17	43.8	36.8
18	30.3	27.5
19	60.5	29.3

Table Analyzed	SCORAD
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0004
Exact or approximate P value?	Gaussian Approximation
P value summary	***
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	200.0, -10.00
Sum of signed ranks (W)	190.0
How effective was the pairing?	
rs (Spearman, Approximation)	0.7822
P Value (one tailed)	< 0.0001
P value summary	****
Was the pairing significantly effective?	Yes

	before	after
1	28	52
2	52	48
3	32	40
4	28	36
5		
6	36	52
7	48	48
8		
9	40	48
10		
11		
12	48	48
13		
14	40	40
15	44	48
16	28	32
17		
18	28	40

Table Analyzed	fAf* fP[fg-a'eiS@%n's, Y]
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0170
Exact or approximate P value?	Gaussian Approximation
P value summary	*
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	2.000, -43.00
Sum of signed ranks (W)	-41.00
How effective was the pairing?	
rs (Spearman, Approximation)	0.4057
P Value (one tailed)	0.0953
P value summary	ns
Was the pairing significantly effective?	No

PTO-教室 1万円は高い?
↓
値段を下げるか?

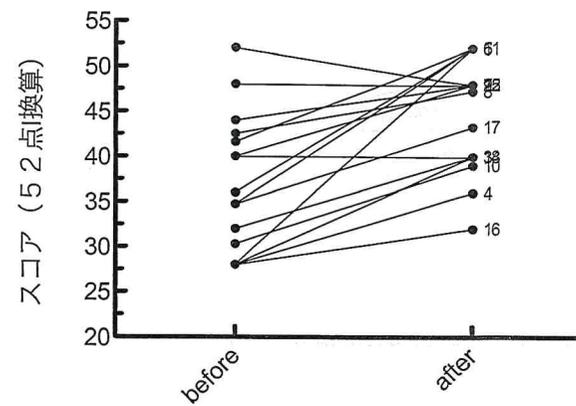
アンケートの改訂(数年?)

公開講座?

外資の塗り方指導強化してる.

エビデンス高い.

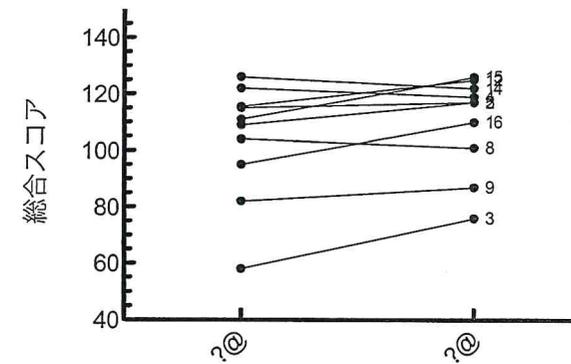
アンケート問題 (5 2点満点換算)



	before	after
1	28.0	52.0
2	52.0	48.0
3	32.0	40.0
4	28.0	36.0
5	34.7	52.0
6	36.0	52.0
7	48.0	48.0
8	42.5	47.3
9	40.0	48.0
10	30.3	39.0
11	41.6	52.0
12	48.0	48.0
13		
14	40.0	40.0
15	44.0	48.0
16	28.0	32.0
17	34.7	43.3
18	28.0	40.0

Table Analyzed	fA f* fP [fg - a' ei52* - z* S Zz]
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0017
Exact or approximate P value?	Gaussian Approximation
P value summary	**
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	2.000 , -103.0
Sum of signed ranks (W)	-101.0
How effective was the pairing?	
rs (Spearman, Approximation)	0.4417
P Value (one tailed)	0.0380
P value summary	*
Was the pairing significantly effective?	Yes

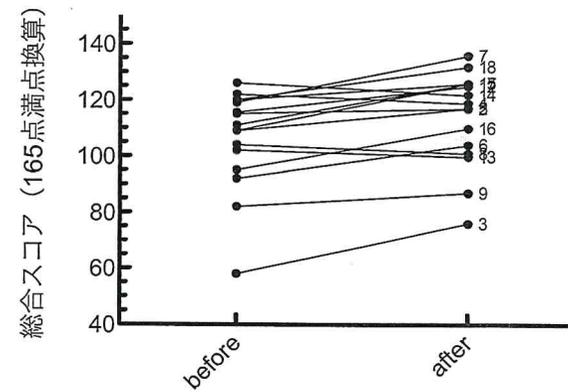
1ヶ月間の生活 (完回答のみ)



	?@	?@
1		
2	109.0	117
3	58.0	76
4	122.0	119
5	115.0	117
6		
7		
8	104.0	101
9	82.0	87
10		
11		
12	115.5	125
13		
14	126.0	122
15	111.0	126
16	95.0	110

Table Analyzed	,Pf - CEZ S O, i q S' i165* - z* S Zz]
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0056
Exact or approximate P value?	Gaussian Approximation
P value summary	**
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	14.00 , -122.0
Sum of signed ranks (W)	-108.0
How effective was the pairing?	
rs (Spearman, Approximation)	0.7650
P Value (one tailed)	0.0003
P value summary	***
Was the pairing significantly effective?	Yes

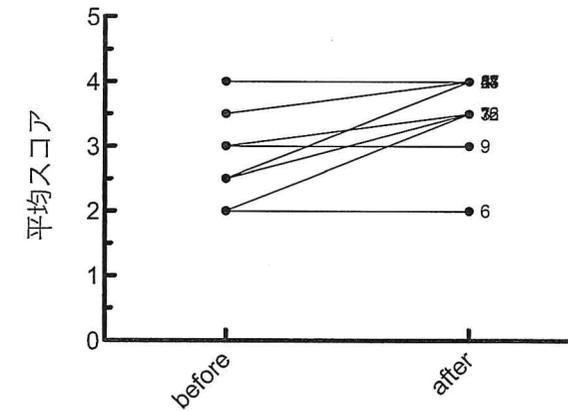
1ヶ月間の生活 (165点満点換算)



	before	after
1	109.0	126.0
2	109.0	117.0
3	58.0	76.0
4	122.0	119.0
5	115.0	117.0
6	92.0	104.0
7	119.0	136.0
8	104.0	101.0
9	82.0	87.0
10		
11		
12	115.5	125.0
13	102.0	99.8
14	126.0	122.0
15	111.0	126.0
16	95.0	110.0
17	120.0	126.0
18	120.0	132.0

Table Analyzed	,Pf-CEZŠÖ,İqS"1165" -ž" Š-Zzj
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0056
Exact or approximate P value?	Gaussian Approximation
P value summary	**
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	14.00 , -122.0
Sum of signed ranks (W)	-108.0
How effective was the pairing?	
rs (Spearman, Approximation)	0.7650
P Value (one tailed)	0.0003
P value summary	***
Was the pairing significantly effective?	Yes

スキンケア・外用

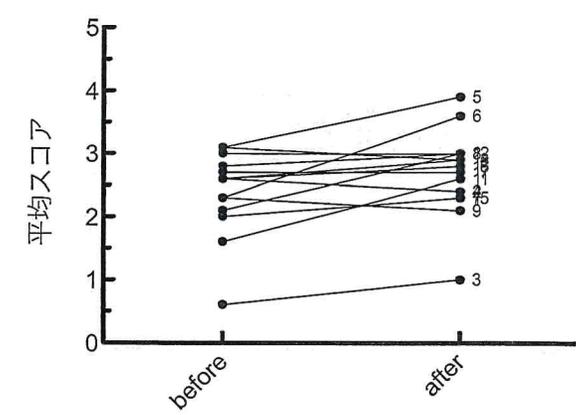


	before	after
1	4.0	4.0
2	4.0	4.0
3	2.0	3.5
4	4.0	4.0
5	4.0	4.0
6	2.0	2.0
7	3.0	3.5
8	4.0	4.0
9	3.0	3.0
10		
11	4.0	4.0
12	2.5	3.5
13	3.5	4.0
14	2.5	4.0
15	3.0	3.5
16	3.0	3.5
17	4.0	4.0
18	4.0	4.0

Table Analyzed	fXfL*fPfAEŠÖ—p
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0199
Exact or approximate P value?	Gaussian Approximation
P value summary	*
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	0.0 , -28.00
Sum of signed ranks (W)	-28.00
How effective was the pairing?	
rs (Spearman, Approximation)	0.7900
P Value (one tailed)	< 0.0001
P value summary	****
Was the pairing significantly effective?	Yes

← 改善みられた

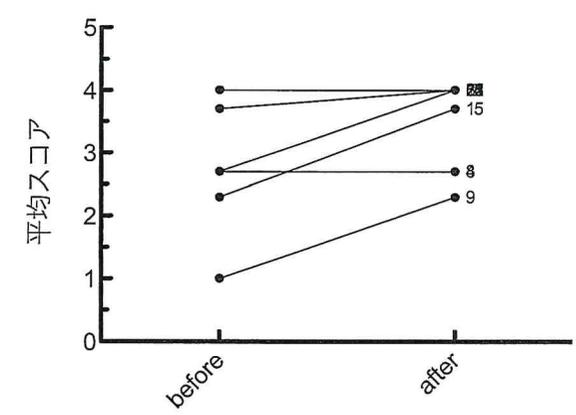
住環境



	before	after
1	2.1	3.0
2	2.6	2.4
3	0.6	1.0
4	2.6	2.4
5	3.1	3.9
6	2.3	3.6
7	2.0	2.3
8	3.0	3.0
9	2.3	2.1
10		
11	1.6	2.6
12	2.8	3.0
13	2.6	2.8
14	3.1	2.9
15	2.0	2.3
16	2.6	2.8
17	2.7	2.7
18	2.6	2.9

Table Analyzed	ZS&A<<
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0062
Exact or approximate P value?	Gaussian Approximation
P value summary	**
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	11.50 , -108.5
Sum of signed ranks (W)	-97.00
How effective was the pairing?	
rs (Spearman, Approximation)	0.6115
P Value (one tailed)	0.0045
P value summary	**
Was the pairing significantly effective?	Yes

衣服



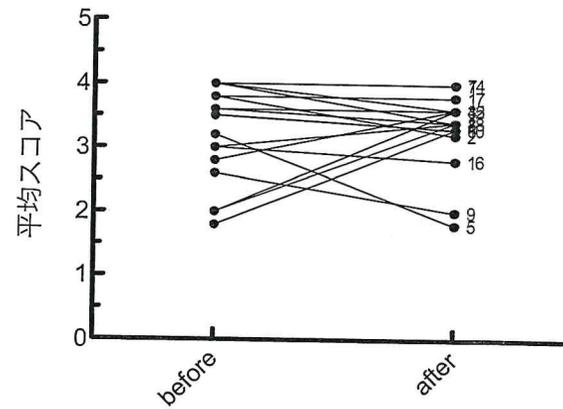
	before	after
1	3.7	4.0
2	4.0	4.0
3	2.7	2.7
4	2.7	2.7
5	4.0	4.0
6	2.7	4.0
7	4.0	4.0
8	2.7	2.7
9	1.0	2.3
10		
11	4.0	4.0
12	3.7	4.0
13	4.0	4.0
14	4.0	4.0
15	2.3	3.7
16	2.7	4.0
17	4.0	4.0
	4.0	4.0

Table Analyzed	TS-Z
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0335
Exact or approximate P value?	Gaussian Approximation
P value summary	*
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	0.0 , -21.00
Sum of signed ranks (W)	-21.00
How effective was the pairing?	
rs (Spearman, Approximation)	0.7571
P Value (one tailed)	0.0002
P value summary	***
Was the pairing significantly effective?	Yes

改善あまりない →

↑

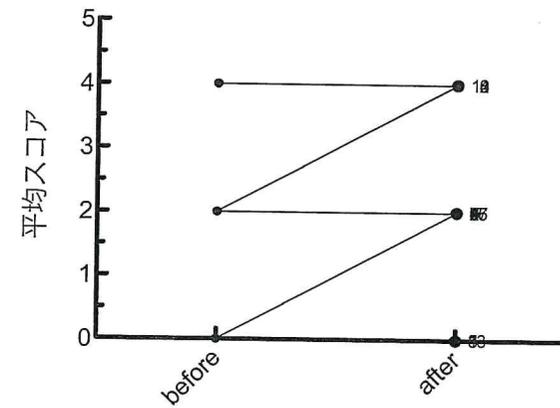
入浴・シャワー



	before	after
1	3.6	3.4
2	3.8	3.2
3	2.0	3.6
4	4.0	3.6
5	3.2	1.8
6	1.8	3.3
7	4.0	4.0
8	2.0	3.4
9	2.6	2.0
10	3.5	3.3
11		
12	2.8	3.6
13	4.0	3.4
14	4.0	4.0
15	3.6	3.6
16	3.0	2.8
17	3.8	3.8
18	3.0	3.4

Table Analyzed	"0-EfVfff{
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.8336
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	42.00, -49.00
Sum of signed ranks (W)	-7.000
How effective was the pairing?	
rs (Spearman, Approximation)	0.4480
P Value (one tailed)	0.0357
P value summary	*
Was the pairing significantly effective?	Yes

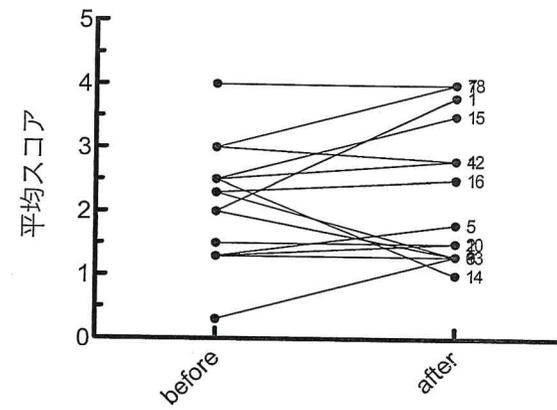
外出時の日光対策



	before	after
1	0	2
2	2	2
3	0	0
4	0	2
5	0	0
6	2	2
7	2	2
8	0	0
9	0	2
10	2	4
11		
12	4	4
13	0	0
14	2	4
15	2	2
16	2	2
17	2	2
18	4	4

Table Analyzed	Š0ožž,1uCE0fo
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0369
Exact or approximate P value?	Gaussian Approximation
P value summary	*
Are medians signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	0.0, -15.00
Sum of signed ranks (W)	-15.00
How effective was the pairing?	
rs (Spearman, Approximation)	0.7698
P Value (one tailed)	0.0002
P value summary	***
Was the pairing significantly effective?	Yes

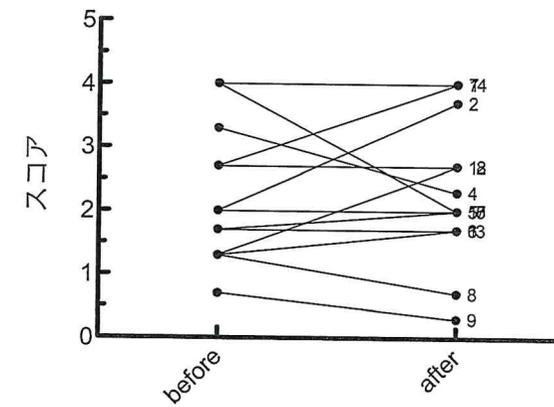
ストレス対策



	before	after
1	2.0	3.8
2	1.5	1.5
3	0.3	1.3
4	2.5	2.8
5	1.3	1.8
6	2.3	1.3
7	3.0	4.0
8	1.3	1.3
9	1.3	1.3
10	1.3	1.5
11		
12	3.0	2.8
13	2.0	1.3
14	2.5	1.0
15	2.5	3.5
16	2.3	2.5
17		
18	4.0	4.0

Table Analyzed	fXfgfCEfXf6
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.3856
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	27.50 , -50.50
Sum of signed ranks (W)	-23.00
How effective was the pairing?	
rs (Spearman, Approximation)	0.5826
P Value (one tailed)	0.0089
P value summary	**
Was the pairing significantly effective?	Yes

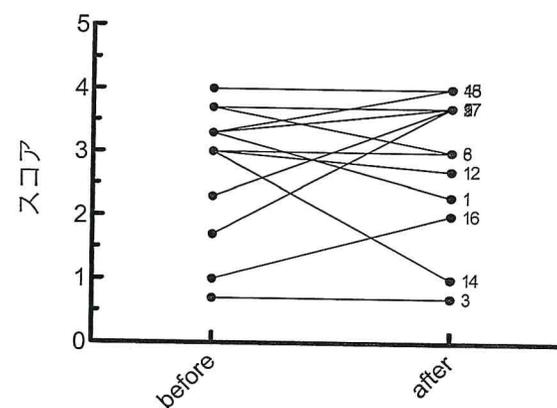
かゆいとき



	before	after
1	1.3	1.7
2	2.0	3.7
3	1.7	1.7
4	3.3	2.3
5	4.0	2.0
6	1.7	1.7
7	2.7	4.0
8	1.3	0.7
9	0.7	0.3
10	1.7	2.0
11		
12	2.7	2.7
13	1.7	1.7
14	4.0	4.0
15	2.0	2.0
16	1.7	2.0
17	2.0	2.0
18	1.3	2.7

Table Analyzed	©.ã,φ,Æ,«
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.8783
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	25.50 , -29.50
Sum of signed ranks (W)	-4.000
How effective was the pairing?	
rs (Spearman, Approximation)	0.7999
P Value (one tailed)	< 0.0001
P value summary	****
Was the pairing significantly effective?	Yes

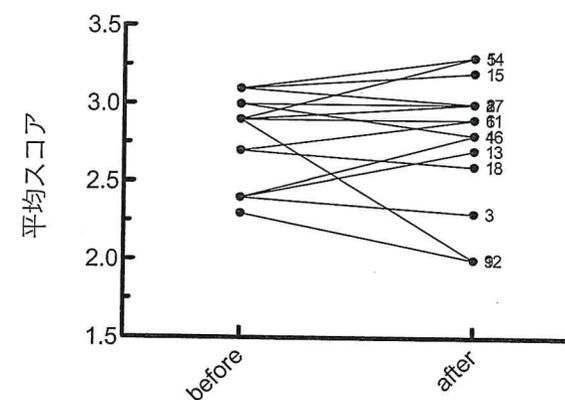
睡眠



	before	after
1	3.3	2.3
2	1.7	3.7
3	0.7	0.7
4	4.0	4.0
5	3.3	3.7
6	3.0	3.0
7		
8	3.7	3.0
9	2.3	3.7
10		
11		
12	3.0	2.7
13		
14	3.0	1.0
15	3.3	4.0
16	1.0	2.0
17	3.7	3.7
18	4.0	4.0

Table Analyzed	±°
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.6776
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	18.50 , -26.50
Sum of signed ranks (W)	-8.000
How effective was the pairing?	
rs (Spearman, Approximation)	0.6350
P Value (one tailed)	0.0073
P value summary	**
Was the pairing significantly effective?	Yes

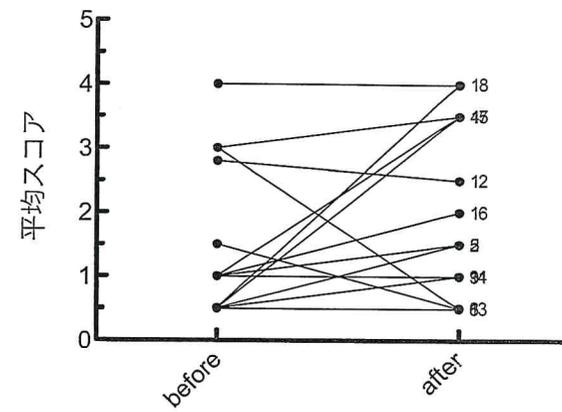
食事摂取頻度



	before	after
1	2.7	2.9
2	2.9	3.0
3	2.4	2.3
4	3.0	2.8
5	2.9	3.3
6	2.9	2.9
7		
8	3.1	3.0
9	2.9	2.0
10		
11	2.9	2.9
12	2.3	2.0
13	2.4	2.7
14	3.1	3.3
15	3.1	3.2
16	2.4	2.8
17	3.0	3.0
18	2.7	2.6

Table Analyzed	HZ-UZæp*x
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.6740
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	39.00 , -52.00
Sum of signed ranks (W)	-13.00
How effective was the pairing?	
rs (Spearman, Approximation)	0.7196
P Value (one tailed)	0.0008
P value summary	***
Was the pairing significantly effective?	Yes

最後に



	before	after
1	4.0	4.0
2	1.0	1.5
3	0.5	1.0
4	3.0	3.5
5	0.5	1.5
6	1.5	0.5
7		
8	3.0	0.5
9	1.0	1.0
10		
11	1.0	1.0
12	2.8	2.5
13	0.5	0.5
14	0.5	1.0
15	0.5	3.5
16	1.0	2.0
17	1.0	3.5
18	0.5	4.0

Table Analyzed	ACEa,E
Column A	before
vs	vs
Column B	after
Wilcoxon matched-pairs signed rank test	
P value	0.0975
Exact or approximate P value?	Gaussian Approximation
P value summary	ns
Are medians signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
Sum of positive, negative ranks	17.50 , -60.50
Sum of signed ranks (W)	-43.00
How effective was the pairing?	
rs (Spearman, Approximation)	0.1060
P Value (one tailed)	0.3481
P value summary	ns
Was the pairing significantly effective?	No