

Supplementary Table 1. Demographic data of participants and pre-test result

No.	Patient	Group	Age	Gender	Education	Job	Medical diagnosis	Result	Participation prior to mobile intervention
1.	Ar	I	31	Male	EE	HaJ	F20.3	33	lack of interaction
2.	Bgs	I	21	Male	EE	HaJ	F20.9	34	lack of interaction
3.	Ba	I	45	Male	HE	HaJ	F20.3	30	lack of interaction
4.	Dpw	NI	27	Female	ME	HaJ	F20.9	34	lack of interaction
5.	Ek	I	37	Female	ME	HaJ	F20.3	33	lack of interaction
6.	Fai	NI	41	Male	ME	HaJ	F20.3	30	lack of interaction
7.	H	I	31	Male	EE	HaJ	F20.9	32	lack of interaction
8.	I	I	46	Male	HE	Ue	F20.3	31	lack of interaction
9.	In	NI	33	Female	ME	Ue	F20.0	29	lack of interaction
10.	J	NI	46	Male	EE	HaJ	F20.9	31	lack of interaction
11.	Ksn	I	20	Male	ME	HaJ	F20.0	31	lack of interaction
12.	Kis	I	42	Male	EE	HaJ	F20.0	32	lack of interaction
13.	M	NI	20	Male	EE	Ue	F20.3	32	lack of interaction
14.	Mh	NI	20	Male	EE	Ue	F20.3	41	enough interaction
15.	MG	NI	20	Male	EE	Ue	F20.9	32	lack of interaction
16.	Mis	I	29	Female	ME	Ue	F20.3	31	lack of interaction
17.	Ms	NI	36	Male	HE	HaJ	F20.9	32	lack of interaction
18.	Mur	NI	41	Male	EE	HaJ	F20.9	32	lack of interaction
19.	N	NI	42	Male	EE	HaJ	F20.9	35	lack of interaction
20.	M	NI	33	Female	ME	Ue	F20.3	30	lack of interaction
21.	Nrpu	NI	19	Female	ME	HaJ	F20.0	32	lack of interaction
22.	Nw	I	22	Female	HE	HaJ	F20.3	32	lack of interaction
23.	A	I	27	Female	ME	Ue	F20.3	33	lack of interaction
24.	F	NI	34	Female	ME	Ue	F20.0	36	lack of interaction
25.	Nn	I	35	Female	ME	HaJ	F20.3	30	lack of interaction
26.	R	NI	40	Female	EE	HaJ	F20.3	32	lack of interaction
27.	RO	NI	40	Female	HE	HaJ	F20.3	30	lack of interaction
28.	S	I	58	Female	EE	Ue	F20.3	56	active interaction
29.	U	I	33	Female	ME	Ue	F20.0	33	lack of interaction
30.	Ut	NI	33	Female	ME	HaJ	F20.9	38	enough interaction
31.	Psm	I	47	Male	EE	Ue	F20.3	29	lack of interaction
32.	K	I	18	Male	ME	HaJ	F20.3	27	lack of interaction
33.	Ral	NI	51	Female	ME	HaJ	F20.3	36	lack of interaction
34.	Rsm	I	52	Male	EE	HaJ	F20.3	30	lack of interaction
35.	SE	I	31	Female	ME	Ue	F20.0	26	lack of interaction
36.	SK	NI	43	Female	ME	Ue	F20.0	26	lack of interaction
37.	Skom	NI	39	Female	ME	Ue	F20.3	28	lack of interaction
38.	SA	I	27	Male	ME	Ue	F20.0	26	lack of interaction
39.	Stmas	I	43	Female	ME	Ue	F20.3	39	enough interaction
40.	Stmuk	I	49	Female	EE	Ue	F20.3	33	lack of interaction
41.	Stnu	NI	18	Female	ME	Ue	F20.0	24	lack of interaction
42.	Sum	I	58	Female	ME	HaJ	F20.0	31	lack of interaction
43.	T	NI	51	Male	EE	HaJ	F20.0	37	enough interaction
44.	Ti	NI	37	Female	EE	Ue	F20.3	33	lack of interaction
45.	BM	I	20	Male	ME	Ue	F20.9	56	active interaction
46.	C	I	27	Male	HE	Ue	F20.3	32	lack of interaction

Supplementary Table 1. (continued)

No.	Patient	Group	Age	Gender	Education	Job	Medical diagnosis	Result	Participation prior to mobile intervention
47.	DS	NI	45	Male	EE	HaJ	F20.9	26	lack of interaction
48.	UF	I	40	Male	ME	HaJ	F20.1	38	enough interaction
49.	W	I	39	Male	ME	HaJ	F20.9	28	lack of interaction
50.	Wah	NI	28	Male	ME	HaJ	F20.3	31	lack of interaction
51.	Yd	NI	48	Male	HE	HaJ	F20.3	31	lack of interaction
52.	Yl	I	30	Male	ME	HaJ	F20.3	34	lack of interaction

Legend: Patient's initials – I, intervention; NI, non intervention; EE, primary; ME, secondary; HE, tertiary; HaJ, Have a job; Ue, unemployed; F20.0, schizophrenia paranoid; F20.3, schizophrenia undifferentiated; F20.9, schizophrenia unspecified.

Supplementary Table 2. Post-test results

No.	Patient	Group	Age	Gender	Education	Job	Medical diagnosis	Result	Participation with mobile intervention
1.	Ar	I	31	Male	EE	HaJ	F20.3	65	active interaction
2.	Bgs	I	21	Male	EE	HaJ	F20.9	66	active interaction
3.	Ba	I	45	Male	HE	HaJ	F20.3	64	active interaction
4.	Dpw	NI	27	Female	ME	HaJ	F20.9	33	lack of interaction
5.	Ek	I	37	Female	ME	HaJ	F20.3	61	active interaction
6.	Fai	NI	41	Male	ME	HaJ	F20.3	30	lack of interaction
7.	H	I	31	Male	EE	HaJ	F20.9	61	active interaction
8.	I	I	46	Male	HE	Ue	F20.3	57	active interaction
9.	In	NI	33	Female	ME	Ue	F20.0	27	lack of interaction
10.	J	NI	46	Male	EE	HaJ	F20.9	31	lack of interaction
11.	Ksn	I	20	Male	ME	HaJ	F20.0	64	active interaction
12.	Kis	I	42	Male	EE	HaJ	F20.0	62	active interaction
13.	M	NI	20	Male	EE	Ue	F20.3	33	lack of interaction
14.	Mh	NI	20	Male	EE	Ue	F20.3	43	enough interaction
15.	MG	NI	20	Male	EE	Ue	F20.9	36	lack of interaction
16.	Mis	I	29	Female	ME	Ue	F20.3	59	active interaction
17.	Ms	NI	36	Male	HE	HaJ	F20.9	32	lack of interaction
18.	Mur	NI	41	Male	EE	HaJ	F20.9	33	lack of interaction
19.	N	NI	42	Male	EE	HaJ	F20.9	33	lack of interaction
20.	M	NI	33	Female	ME	Ue	F20.3	31	lack of interaction
21.	Nrpu	NI	19	Female	ME	HaJ	F20.0	30	lack of interaction
22.	Nw	I	22	Female	HE	HaJ	F20.3	60	active interaction
23.	A	I	27	Female	ME	Ue	F20.3	60	active interaction
24.	F	NI	34	Female	ME	Ue	F20.0	35	lack of interaction
25.	Nn	I	35	Female	ME	HaJ	F20.3	61	active interaction
26.	R	NI	40	Female	EE	HaJ	F20.3	30	lack of interaction
27.	RO	NI	40	Female	HE	HaJ	F20.3	30	lack of interaction
28.	S	I	58	Female	EE	Ue	F20.3	62	active interaction
29.	U	I	33	Female	ME	Ue	F20.0	60	active interaction
30.	Ut	NI	33	Female	ME	HaJ	F20.9	35	lack of interaction
31.	Psm	I	47	Male	EE	Ue	F20.3	59	active interaction
32.	K	I	18	Male	ME	HaJ	F20.3	57	active interaction
33.	Ral	NI	51	Female	ME	HaJ	F20.3	37	enough interaction

Supplementary Table 2. (continued)

No.	Patient	Group	Age	Gender	Education	Job	Medical diagnosis	Result	Participation with mobile intervention
34.	Rsm	I	52	Male	EE	HaJ	F20.3	58	active interaction
35.	SE	I	31	Female	ME	Ue	F20.0	60	active interaction
36.	SK	NI	43	Female	ME	Ue	F20.0	28	lack of interaction
37.	Skom	NI	39	Female	ME	Ue	F20.3	28	lack of interaction
38.	SA	I	27	Male	ME	Ue	F20.0	57	active interaction
39.	Stmas	I	43	Female	ME	Ue	F20.3	41	enough interaction
40.	Stmuk	I	49	Female	EE	Ue	F20.3	59	active interaction
41.	Stnu	NI	18	Female	ME	Ue	F20.0	26	lack of interaction
42.	Sum	I	58	Female	ME	HaJ	F20.0	62	active interaction
43.	T	NI	51	Male	EE	HaJ	F20.0	37	enough interaction
44.	Ti	NI	37	Female	EE	Ue	F20.3	33	lack of interaction
45.	BM	I	20	Male	ME	Ue	F20.9	63	active interaction
46.	C	I	27	Male	HE	Ue	F20.3	62	active interaction
47.	DS	NI	45	Male	EE	HaJ	F20.9	26	lack of interaction
48.	UF	I	40	Male	ME	HaJ	F20.1	51	enough interaction
49.	W	I	39	Male	ME	HaJ	F20.9	62	active interaction
50.	Wah	NI	28	Male	ME	HaJ	F20.3	31	lack of interaction
51.	Yd	NI	48	Male	HE	HaJ	F20.3	29	lack of interaction
52.	Yl	I	30	Male	ME	HaJ	F20.3	60	active interaction

Legend: Patient's initials – I, intervention; NI, non intervention; EE, primary; ME, secondary; HE, tertiary; HaJ, Have a job; Ue, unemployed; F20.0, schizophrenia paranoid; F20.3, schizophrenia undifferentiated; F20.9, schizophrenia unspecified.