

	Mean ± SD	Median [Quartiles]
Bolus calculator (interactions/day)	3.0 ± 1.5	3.1 [2.0 – 4.0]
Exercise Advice (interactions/day)	0.048 ± 0.076	0.024 [0.0 – 0.05]
Sleep Advice (interactions/day)	0.16 ± 0.23	0.038 [0.0 – 0.26]

Table S1: Summary of interactions with key system features per day for participants in the DSS group

	Control group (n=23) Baseline	Control group (n=23) Study	within subjects p-value	DSS group (n=57) Baseline	DSS group (n=57) Study	within subjects p-value	RM ANOVA time*study arm p-value	Non-active group (n=37) Baseline	Non-active group (n=37) Study	within subjects p-value	Active group (n=20) Baseline	Active group (n=20) Study	within subjects p-value	RM ANOVA time*user group p-value
HFS total	39.1 ± 19.3	34.3 ± 17.3	0.189	38.2 ± 18.7	34.4 ± 17.0	0.065	0.871	36.3 ± 17.6	35.7 ± 18.1	0.792	41.3 ± 20.4	32.3 ± 15.3	0.024	0.043
HFS behavior	16.1 ± 7.0	14.3 ± 7.5	0.154	17.7 ± 8.1	16.2 ± 6.8	0.104	0.990	17.5 ± 8.0	16.6 ± 6.8	0.411	18.1 ± 8.5	15.6 ± 7.0	0.145	0.403
HFS worry	23.0 ± 13.9	20.0 ± 12.4	0.324	20.5 ± 12.5	18.2 ± 11.8	0.106	0.832	18.8 ± 11.4	19.2 ± 12.6	0.837	23.2 ± 14.0	16.7 ± 10.6	0.017	0.016
DDS total *	2.0 ± 0.6	1.9 ± 0.8	0.448	2.1 ± 0.8	2.0 ± 0.9	0.457	0.962	2.2 ± 0.9	2.1 ± 1.0	0.711	2.0 ± 0.8	1.9 ± 0.9	0.433	0.842
DDS emotional *	2.3 ± 0.9	2.3 ± 1.2	0.825	2.6 ± 1.2	2.6 ± 1.2	0.967	0.974	2.6 ± 1.2	2.7 ± 1.3	0.799	2.6 ± 1.3	2.5 ± 1.2	0.669	0.457
DDS physician *	1.3 ± 0.4	1.3 ± 0.6	1	1.4 ± 0.8	1.4 ± 0.8	0.708	0.979	1.5 ± 0.8	1.4 ± 0.8	0.429	1.3 ± 0.7	1.3 ± 0.8	0.596	0.483
DDS regimen *	2.3 ± 0.8	2.2 ± 1.2	0.442	2.3 ± 1.0	2.2 ± 1.2	0.308	0.906	2.3 ± 1.0	2.3 ± 1.2	0.613	2.2 ± 1.0	2.1 ± 1.2	0.304	0.922
DDS interpersonal *	1.8 ± 1.0	1.5 ± 0.8	0.106	1.9 ± 1.0	1.8 ± 1.0	0.187	0.781	2.0 ± 1.0	1.9 ± 1.1	0.208	1.7 ± 0.9	1.6 ± 0.7	0.565	0.609
HAS total	38.1 ± 9.7	39.3 ± 9.4	0.447	40.1 ± 9.1	38.9 ± 10.4	0.292	0.207	37.7 ± 8.0	37.3 ± 8.6	0.739	44.0 ± 9.8	41.5 ± 12.7	0.289	0.243
HAS actions	19.2 ± 3.9	19.9 ± 2.9	0.228	19.9 ± 4.6	19.9 ± 4.5	0.969	0.344	18.6 ± 3.8	19.1 ± 4.4	0.434	22.2 ± 5.0	21.3 ± 4.6	0.299	0.087
HAS feelings	18.9 ± 7.6	19.4 ± 8.5	0.719	20.2 ± 6.9	19.0 ± 8.2	0.188	0.297	19.2 ± 6.4	18.3 ± 7.5	0.329	21.8 ± 7.6	20.2 ± 9.4	0.383	0.616
HAS F1	12.7 ± 2.6	12.9 ± 1.6	0.744	12.6 ± 2.6	12.8 ± 2.7	0.637	0.916	12.2 ± 2.3	12.5 ± 2.4	0.538	13.3 ± 3.0	13.3 ± 3.1	1	0.374
HAS F2	14.7 ± 5.7	15.1 ± 6.4	0.706	15.2 ± 5.5	14.1 ± 6.4	0.136	0.260	14.7 ± 5.3	13.8 ± 6.0	0.255	15.9 ± 5.8	14.5 ± 7.3	0.346	0.705
HAS F3	6.4 ± 2.2	6.3 ± 2.1	0.754	7.5 ± 3.0	7.4 ± 2.9	0.9	0.975	6.7 ± 2.7	7.0 ± 2.9	0.412	8.8 ± 3.0	8.1 ± 3.0	0.137	0.143
HAS F4	4.19 ± 3.124	4.9 ± 2.3	0.100	4.8 ± 2.3	4.5 ± 2.5	0.422	0.051	4.0 ± 2.1	4.0 ± 2.3	0.861	6.0 ± 2.1	5.5 ± 2.7	0.252	0.292
Benefits	-	-	-	62.6 ± 19.8	56.0 ± 20.7	0.004	-	56.9 ± 21.7	51.9 ± 20.8	0.066	71.4 ± 12.4	62.4 ± 19.5	0.030	0.311
Burdens	-	-	-	35.1 ± 16.9	38.8 ± 18.2	0.077	-	39.2 ± 16.5	41.3 ± 16.9	0.315	28.9 ± 15.9	34.9 ± 19.8	0.154	0.483
Hypo Awareness (R) *	1.9 ± 1.7	1.9 ± 1.5	1	1.5 ± 1.4	2.0 ± 1.7	0.005	0.169	1.0 ± 0.9	1.5 ± 1.2	0.026	2.4 ± 1.7	2.8 ± 2.1	0.070	0.946

Table S3: Patient reported outcomes summary (mean ± SD). Variables marked with (*) are not normally distributed.