

Multimedia Appendix 2. Tests of the relationships between tracking food, activity, blood glucose, and medications in One Drop | Mobile and A1c change.

	Users with Type 1 or Type 2 Diabetes (N = 1,288)															Users with Type 2 Diabetes (n = 921)				
	Unadjusted					Adjusted for Diabetes Type					Adjusted for Covariates					Adjusted for Covariates				
	B	Std. Error	F	P-value	95% CI	B	Std. Error	F	P-value	95% CI	B	Std. Error	F	P-value	95% CI	B	Std. Error	F	P-value	95% CI
Food entries	.39	.15	6.4	.012	(.09, .69)	.44	.15	8.2	.004	(.14, .74)	.51	.15	11.6	.001	(.22, .81)	.50	.17	8.9	.003	(.17, .82)
Activity entries	.26	.23	1.3	.26	(-.17, .68)	.23	.23	.96	.326	(-.15, .60)	.28	.22	1.6	.209	(-.16, .72)	-.09	.27	10.9	.741	(-.63, .45)
Blood glucose entries	-.37	.29	1.7	.202	(-.66, .08)	-.44	.29	2.3	.130	(-.99, .11)	-.60	.28	4.4	.036	(-1.15, -.04)	-.14	.34	0.2	.672	(-.80, .52)
Medication entries	-.22	.23	.94	.333	(-.67, .23)	-.20	.23	.74	.391	(-.64, .25)	-.24	.22	1.1	.288	(-.64, .20)	-.13	.25	0.3	.600	(-.61, .35)
Diabetes type						.44	.13	12.3	.001	(.20, .69)	.05	.13	.18	.675	(-.20, .31)	---	---	---	---	---
Gender											.38	.13	9.0	.003	(.13, .62)	.41	.14	8.1	.004	(.13, .69)
Location											.19	.15	1.6	.207	(-.11, .50)	.10	.19	.30	.583	(-.27, .47)
Diabetes duration in years											-.05	.01	60.7	.001	(-.06, -.04)	-.07	.01	45.8	.001	(-.09, -.05)
Months between A1c entries											-.08	.02	13.0	.001	(-.13, -.04)	-.12	.03	17.5	.001	(-.17, -.06)
Insulin											.39	.15	6.9	.008	(.10, .68)					

Note. B = unadjusted coefficient, CI = confidence interval. Results of multiple regression models are presented.