Table 1: Acceptability and usability of a mobile application of 105 AMPrEP participants included in a randomized controlled trial on PrEP adherence using eHealth interventions and assigned to the standard mobile application, Amsterdam, 2016-2018.

	Median (IQR)[a] Likert score[b] Visit 1 (t=0 months)	Median (IQR)[a] Likert score[b] Visit 2 (t=3 months)	Median (IQR)[a] Likert score[b] Visit 3 (t=12 months)	Median (IQR)[a] Likert score[b] Visit 4 (t=24 months)
Total standard questionnaires, n(%)	105 (94.6)	102 (91.9)	97 (87.4)	52 (45.9)
How often do you open the app?, n(%)				
Never	1 (1.0)	1 (1.0)	5 (5.2)	6 (11.5)
<1 per month	2 (1.9)	4 (3.9)	3 (3.1)	7 (13.5)
1-5 per month	8 (7.6)	13 (12.8)	17 (17.5)	5 (9.6)
1-5 per week	21 (20.0)	25 (24.5)	26 (26.8)	13 (25.0)
5-7 per week	61 (57.1)	48 (47.1)	43 (44.3)	19 (36.5)
>1 per day	13 (12.4)	11 (10.8)	3 (3.1)	2 (3.9)
Is the app useful?[c]	6 (4-7)	5 (4-6)	5 (4-6)	5 (3-6)
Is the app pleasant?[d]	5 (4-7)	5 (4-6)	5 (4-6)	5 (4-6)
Is the app difficult?[e]	6 (5-7)	6 (5-7)	6 (5-7)	6 (5-7)
Is it difficult to fill out the app daily?	6 (4-7)	6 (4-7)	5 (4-6)	4.5 (3-6)
Is filling out the app daily pleasant?	6 (5-6)	5 (4-6)	5 (4-6)	4 (3-6)
How often do you look at the calendar?				

Table 1 - acceptability short app users_v3   1

Never	4 (3.8)	6 (5.9)	8 (8.3)	13 (25.0)
<1 per month	10 (9.5)	18 (17.7)	25 (25.8)	15 (28.9)
1-5 per month	51 (48.6)	44 (43.1)	40 (41.2)	13 (25.0)
1-5 per week	25 (23.8)	21 (20.6)	13 (13.4)	6 (11.5)
5-7 per week	14 (13.3)	10 (9.8)	9 (9.3)	5 (9.6)
>1 per day	1 (1.0)	3 (2.9)	2 (2.1)	0 (0.0)
Is the calendar useful for tracking your PrEP use?	6 (5-7)	6 (4-6)	6 (4-7)	4.5 (3-6)
Is the calendar clear?	6 (5-7)	6 (4-7)	6 (5-7)	5 (4-6.5)
Is the calendar pleasant?	6 (5-7)	6 (4-6)	6 (4-6)	5 (4-6)
Is the calendar useful for tracking your sexual activities?	5 (4-6)	5 (4-6)	5 (4-6)	4 (3-6)
Is the calendar clear for tracking your sexual activities?	5 (4-6)	5 (3-6)	5 (3-6)	5 (3-6)
Is the calendar pleasant for tracking your sexual activities?	5 (4-6)	5 (4-6)	5 (4-6)	5 (3.5-6)
Did you setup a notification?				
No	38 (36.2)	34 (33.3)	43 (44.3)	22 (42.3)
Yes	67 (63.8)	68 (66.7)	54 (55.7)	30 (57.7)
Does the app remind you to take your PrEP?[f]	4 (2-6)	5 (2-6)	4 (2-5)	4 (1-5)
Do the notifications remind you to take your PrEP?	3 (1-6)	4 (1-6)	3 (1-5)	1.5 (1-5)
Does the calendar remind you to take you PrEP?	3 (1-5)	3 (1-5)	2 (1-5)	3 (1-5)

Table 1 - acceptability short app users_v3   2

Do you read the general messages?				
No	8 (7.6)	3 (2.9)	4 (4.1)	3 (5.8)
Sometimes	44 (41.9)	24 (23.5)	24 (24.7)	17 (32.7)
Yes	53 (50.5)	75 (73.5)	69 (71.1)	32 (61.5)
If yes, do you read the message on the day you received it?[g]				
Rarely	3 (5.6)	3 (4.0)	1 (1.5)	1 (3.1)
Sometimes	14 (26.4)	10 (13.3)	6 (8.7)	3 (9.4)
Usually	17 (32.1)	35 (46.7)	38 (55.1)	15 (46.9)
Always	19 (35.9)	27 (36.0)	24 (34.8)	13 (40.6)
Median app score, (IQR)[h]	7 (6-8)	7 (6-8)	7 (6-8)	7 (6-8)

Abbreviations: IQR, interquartile range; PrEP, pre-exposure prophylaxis

a. 7-point Likert scale, where 1 is the most negative and 7 is the most positive
b. Unless otherwise indicated
c. 1= not useful, 7=useful
d. 1=unpleasant, 7=pleasant
e. 1= very difficult, 7=very easy
f. 1= not at all, 7= very much
g. Among the participants who indicated that they read the general messages
h. Median app score on a 1-10 scale (not a Likert scale), where 1= very bad, and 10=very good

Table 1 - acceptability short app users_v3   3