Multimedia Appendix 2. Pairwise comparisons of patient characteristics.

Characteristic	Non-users (n=37)	Viewers (n=91)	Interactive Users (n=94)	P-value for pairwise group differences		
				Non-users vs. viewes	Non-users vs. Interactive users	Viewers vs. Interactive users
Female (n, %)	20 (54.1)	44 (48.4)	45 (47.9)	.56	.52	.95
Age, mean (Mdn, SD)	62.0 (64, 11.6)	63.0 (65, 8.8)	62.8 (65, 8.1)	.64	.67	.91
Comorbidity						
Type 1 or 2 diabetes[ab] (n, %)	20 (54.1)	36 (39.6)	47 (50.0)	.13	.67	.15
Hypertension[ac] (n,%)	24 (64.8)	35 (38.5)	37 (39.4)	.01	.01	.90
Hypercholesterolemia[ad] (n, %)	22 (59.5)	62 (68.1)	55 (58.5)	.35	.92	.18
Charlson index				.21	.39	.80
0 (n, %)	15 (40.5)	40 (44.0)	38 (40.4)			
1 (n, %)	10 (27.0)	34 (37.4)	35 (37.2)			
2 (n, %)	12 (32.4)	17 (18.7)	21 (22.3)			
Chronic diagnoses, mean (Mdn, SD)	**2.3 (2, 1.5)**	**1.9 (2, 1.8)**	**1.9 (2, 1.8)**	.11	.09	>.99
Physiological health Outcomes						
HbA1c [g], mean (Mdn, SD)	42.4 (41.25, 9.4)	41.9 (39.8, 8.4)	44.2 (40.3, 12.7)	.83	.90	.81
LDL [g], mean (Mdn, SD)	2.7 (0.8)	3.0 (1.0)	3.0 (1.0)	.15	.10	.83
BMI [g], mean (Mdn, SD)	31.0 (32.0, 5.6)	31.7 (31.0, 6.7)	31.5 (30.0, 6.8)	.83	.88	.88
Blood pressure, diastolic [g], mean (Mdn, SD)	82.2 (84.5, 11.8)	86.5 (87.5, 10.5)	86.4 (86.5, 10.6)	.06	.11	.82
Blood pressure, systolic [g], mean (Mdn, SD)	139.7 (140.3, 16.3)	143.7 (142.0, 21.4)	144.1 (145.0, 17.7)	.54	.24	.54
Patient-reported health						
SF-36 Physical Health at access, mean (Mdn, SD)	63.2 (66.0, 22.1)	65.9 (69.0, 20.4)	63.5 (66.5, 20.6)	.64	.86	.50
SF-36 Mental Health at access, mean (Mdn, SD)	75.9 (80.0, 16.3)	75.8 (80.0, 19.0)	71.0 (78.5, 22.6)	.81	.54	.33
Monitoring						
At least one HbA1c measurement[e] (n, %)	31 (83.8)	57 (62.6)	57 (60.6)	.02	.01	.78
At least one LDL measurement[e] (n, %)	32 (2.48, 86.5)	74 (2.83, 81.3)	77 (2.81, 81.9)	.48	.53	.92
At least one BMI measurement[e] (n, %)	31 (83.8)	57 (62.6)	66 (70.2)	.02	.11	.28

At least one blood pressure measurement[e] (n, %)	34 (91.9)	67 (73.63)	77 (81.9)	.02	.15	.18
Service contacts						
Doctor visits [e], mean (Mdn, SD)	3.4 (2, 3.5)	2.9 (2, 2.6)	3.9 (3, 3.7)	.53	.55	.10
Nurse visits [e], mean (Mdn, SD)	5.2 (4, 3.9)	3.7 (3, 3.1)	4.7 (3, 10.8)	<.01	.01	.82
Doctor calls [e], mean (Mdn, SD)	1.1 (0, 1.6)	1.3 (1, 1.6)	1.5 (1, 1.8)	.29	.23	.79
Nurse calls [e], mean (Mdn, SD)	1.0 (0, 1.3)	0.8 (0, 1.4)	1.0 (1, 1.7)	.24	.68	.03
Referrals to secondary care[e], mean (Mdn, SD)	0.2 (0, 0.7)	0.4 (0, 0.6)	0.5 (0, 0.8)	.02	.03	.83
Patient activation						
PAM score at access, mean (Mdn, SD)	63.5 (63.2, 11.7)	63.8 (66.0, 15.5)	62.4 (63.2, 15.1)	.81	.70	.59