Supplementary material

Set in Stone? Mobile Practices Evolution in Old Age

Anonymized

Table S1. Construction process of variables in Figure 2.

Which functions do you use on your mobile phone? (multiple choice)	
Original question	
Internet use diversity (index 0 to 10)	
Please think of yesterday – and any use you made of the internet yesterday (multiple choice)	
Getting news	
Writing and reading e-mails	
Downloading music, films, or podcasts	
Playing computer games online	Additive variable with values from
Using social network sites (e.g., Facebook, LinkedIn)	
Using chat programs (e.g., Skype, WhatsApp)	0 (no option selected) to
Reading entries at debate sites, blogs, etc.	10 (all options selected)
Writing entries at debate sites, blogs, etc. (including your own)	
Online shopping, banking, travel reservations, etc.	
Using websites concerning my interests or hobbies	
Ways of gathering COVID-19 related information	
Of the following options – please indicate the **one** that you are most likely to use when you look for updates [new information] regarding the COVID-19	
Television on a TV set	
Radio on a radio set	Analog media
Newspaper in print	
Television on a computer or a mobile phone	
Radio on a computer or a mobile phone	
Online newspaper	
Designated websites (e.g., World Health Organization, Ministry of Health,...)	Digital media
Designated channels (on Telegram, WhatsApp,...)	
Social network sites (e.g., Facebook, LinkedIn, Twitter, Instagram)	
Contact someone who is likely to have this information via a computer-based program (e.g., Skype, Zoom)	
Call someone who is likely to have this information	
Text, voice or video message via mobile phone to someone who is likely to have this information	Interpersonal communication & others
Send an email to someone who is likely to have this information	
Other – please specify: _____	
Don't know	
How satisfied are you with your life/health as a whole?	

Thinking about your own life and personal circumstances, how satisfied are you with your life as a whole? / Thinking about your physical health, how satisfied are you with your health as a whole?	
1 Completely dissatisfied 2 3 4	Low
5 6 7	Medium
8 9 10 Completely satisfied	High

w3	AIC	BIC	G Squared	Log Likelihood
1 class	69100.35	69221.29	24063.07	-34530.17
2 classes	59921.91	60169.85	14842.64	-29919.96
3 classes	**58344.66**	**58719.59**	**13223.39**	**-29110.33**
4 classes	57813.05	58314.97	12649.78	-28823.53

Note: AIC = Akaike Information Criteria; BIC = Bayesian Information Criteria.
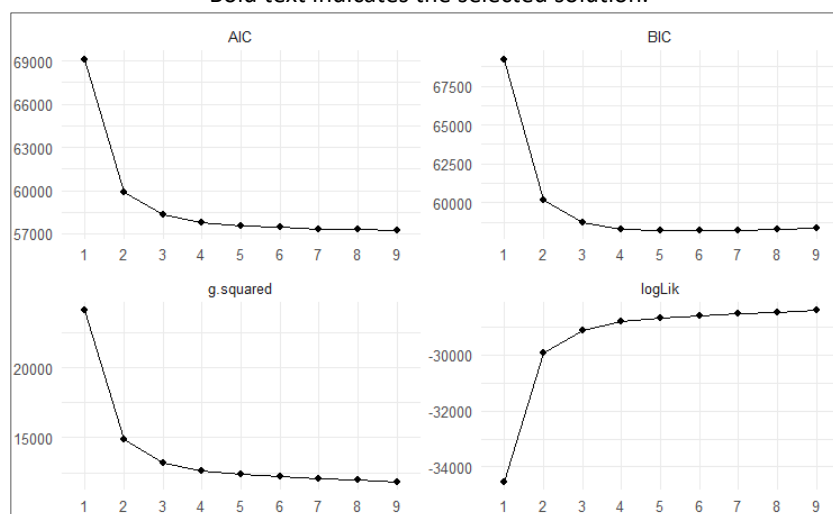Bold text indicates the selected solution.

Figure S1. Latent Class Analysis test selection

Table S2. Radar Chart data (Figure 3): Media preferences by class and wave (%).

	Class 1			Class 2			Class 3			All		
Wave:	1	2	3	1	2	3	1	2	3	1	2	3
Voice_Calls	76.1	76.8	76.8	77.1	84.3	83.8	93.4	94.9	96.2	81.2	85.7	86.6
Photo	30.7	33.9	36.9	88.7	90.3	90.4	98.9	99.0	99.2	74.2	79.0	82.3
SMS	44.8	48.9	46.8	67.8	66.7	64.0	88.2	84.8	83.9	66.4	67.9	67.3
Email	6.7	8.8	10.0	62.2	65.4	68.9	95.8	94.6	94.6	54.8	60.4	65.5
Inst_Msg	13.5	13.7	19.5	60.0	62.4	64.1	87.4	88.0	91.2	53.5	58.3	64.2
Alarm	25.9	17.2	14.2	61.7	56.8	50.0	89.7	89.5	86.7	58.6	57.1	55.2
Calendar	13.2	8.8	5.7	55.5	55.4	50.8	89.0	88.8	86.6	51.9	54.2	53.7

Web_Browser	3.0	2.7	5.1	47.7	44.6	46.4	93.2	91.7	93.7	46.7	48.8	54.1
GPS_Maps	2.7	2.5	2.9	40.7	45.3	42.1	89.1	89.5	86.6	42.4	48.4	49.3
SNS	4.3	3.2	2.8	32.0	35.1	34.2	71.4	71.9	75.2	34.3	38.6	41.8
Down_Apps	0.3	1.0	0.6	27.9	28.0	30.8	83.7	82.5	79.8	34.7	38.2	41.4
Web_Apps	0.4	0.5	1.5	24.6	31.0	32.0	76.7	79.1	83.8	31.4	38.3	43.5
Rec_Video	4.2	1.7	1.5	32.9	24.7	24.7	71.5	61.5	66.9	34.7	30.4	34.4
MMS	3.3	4.8	4.3	19.9	17.4	16.1	43.7	42.2	40.6	21.3	22.0	22.1
TV_Video	0.5	0.8	0.5	9.3	11.8	13.7	47.3	52.9	56.2	16.9	21.8	25.6
Games	2.5	3.4	1.7	15.7	16.5	15.7	37.4	35.6	33.6	17.6	19.2	18.9
Radio	1.9	2.5	1.1	11.3	10.6	10.6	38.9	36.4	32.3	15.9	16.6	16.1
Music_Player	0.4	1.6	1.7	9.5	9.5	11.3	38.9	42.3	40.8	14.7	17.7	19.5
Podcast	0.0	0.0	0.2	0.7	1.1	2.6	7.3	9.6	14.0	2.3	3.5	6.0
Other	4.4	1.6	1.9	0.2	0.1	0.9	0.7	1.4	1.7	1.6	0.9	1.3

Table S3. Sankey diagram data (Figure 4). Transitions between waves and classes. Reference: w3.

w3			w2			w1		
Class	N	%	Class	N	%	Class	N	%
						1	402	84.4
			1	476	73.2	2	66	13.9
						3	8	1.7
						1	74	47.7
1	650	20.8	2	155	23.9	2	69	44.5
						3	12	7.7
						1	5	26.3
			3	19	2.9	2	11	57.9
						3	3	15.8
						1	151	60.9
			1	248	17.7	2	90	36.3
						3	7	2.8
						1	198	21.4
2	1400	44.8	2	927	66.2	2	625	67.4
						3	104	11.2
						1	21	9.3
			3	225	16.1	2	121	53.8
						3	83	36.9
						1	24	47.1
			1	51	4.8	2	16	31.4
						3	11	21.5
						1	31	10.4
3	1075	34.4	2	299	27.8	2	175	58.5
						3	93	31.1
						1	21	2.9
			3	725	67.4	2	187	25.8
						3	517	71.3
Total	3125	100.0		3125	100.0		3125	100.0